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ANNALES BOTANICES SYSTEMATICAE.

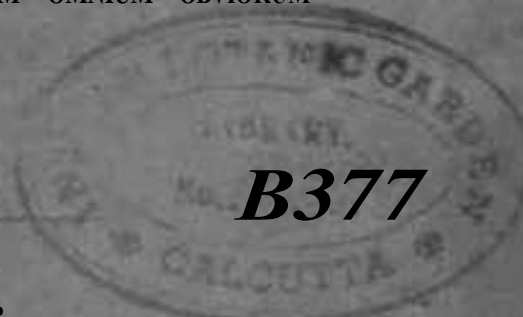
AUCTORE

GUILIELMO GERARDO WALPERS



TOMUS I.

ADJECTUS EST INDEX ORDINUM, SUBORDINUM, GENERUM, SECTIONUM
SPECIERUM ET SYNONY MORUM OMNIUM OBVIORUM



LIPSIAE.

NUMERUS VILDEKINDI HOFFKISTEN.

5.6.64

1848 -1849.

SYNOPSIS
PLANTARUM PHANEROGAMICARUM
NOVARUM

OMNIUM

PER ANNOS 1846 & 1847 DESCRIPTARUM

AUCTORE

GUILIELMO GEHARDO WALPERS,

PHILOSOPHIAE DOCTORE, BOTANICEN IN UNIVERSITATE REGIA FRIEDERICA GUILIELMA BEROLINENSIS PRIVATIM DOCENTE, ACADEMIAE CAESARAE LEOPOLDINAE CAROLINAE RATHENIENSIS, SOCIETATIS REGIAE BAVARICAE BOTANICAE BATAVORUM, SOCIETATIS AUSTRIACAE CULTURAE PATRIAE STULZINGAE SOCIETATIS, REL.

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T O M I S I,

ADJECTUS EST INDEX ORDINUM, SUBORDINUM, GENERUM, SECTI
SPECIEB^U H ET S^ANONYMOREM OMNIUM OBVIORUM. TIONUM.

LIPSIAE.

SCULPTIBUS FRIDERICI HOFMEISTER.

1848 — 1849.

Lectoris sulatein!

Annalium botanices systematicae tomum primum tunc tandem absolutum botanicis offero speroque, me hoc libro non parvum rei botanicae attulisse incrementum. Vix opus erit, qui de utilitate hujus operis loquar, in praefatione ad tomum quod Repertorii botanices systematicae a me editi et in ejusdem operis fasciculi vigesimi octavi tergo fusius hac de re Annalium ratione egi. Hoc primo Annalium tomò comprehenduntur omnes plantae phanerogamicae per annos 1845 et 1846 novae descriptae vel iconibus novis illustratae, paucas tantummodo insuper admisi, quarum jam antea descriptarum et in Repertorio omissarum nunc tandem cognitionem accepi. Ordines CLXVII priores a Ranunculaceis ad Plantagineas usque supplementum exhibent confectum ad Prodrómum Candolleannum et ad Repertorium meum, sed plerorumque reliquorum ordinum supplementum ad novissimam antiscujusconque monographiam dare non potui, nisi neglecta omni hujus operis ratione. Illos autem ordines monocotyledoneos, quos *Kunthius* noster in „*Enumerationis suae plantarum omnium cognitarum*“ suis duobus posterioribus descripsit, plerosque ex manuscrip-

ANIMUS BOTANICES SYSTEMATICAE.



1. PLANTAE DICOTYLEDONEAE.

Subclassis I.

THILAINIFLORAE.

(DC Piodi 1 p. 1.)

Ordo 1. RANUNCULACEAE. Juss.

(DC. Prodr. I. 2. — W Iprs Kepert. hot sjst I 3 II 737 \ 3)

Tribus I. CLEMATIDAE. DC.

— 4768 CLEMATIS. Linn

(DC Prodr I 2. — YVlprs Repert bot. syst. I 3. (I. 737. V. 3.)

- 1 CL (*Flammula*) ISP4HAN1CA Boiss. Diagn. pi nov. orient VI 3. — Scandens puberula multicaulis tauhbus ramtsque albidis valde striatis, folns pinnitisectis valde elongatis, co&ta recurva, segmentis remotissimis pctiolulatis cuneatis partis, id medium tnlobis, lobij> lanceolato Imiaribus, teimiiidli lon^isMmo lanceolato-luieari, baj>i dentato, omnibus valde conateis, petiolulis brevissimis lectis, foliorum supenorum segmentis minutissimis, folns axillaribus Imearibus mtegris, pedunuilis elongatis tnthotomis vel tncliotomo pamculatis, bracttis ad pedicellorum ba&m li neanbus brevibus, petalis ilavidis elliptico lanceolatis tomentellis, margine lanatis, carpellorum cauda abbreviata, apice nuda subuncinata. /)^— Folia 6—9 pollicana3—4 ju<a, segmenta lateralla 4—7 hn. longa, 2 — 4 hn lata, terminal! 1—3 pollicari.— tx affimtate Cl, onentahs, ylaucae et Geblenanae. — Crescit in Persia props Ispahan in solo sclustaceo montis Kuli Daena
- 2 CL VIOLACEA A. DC. Bot Zeitung IV. 115 (Neuvieme notice sur les pi rar du jard de Geneve t. 1.) — Folws ternatim luternatimque sectis glabns, segmentis basi obliquis ovatis obtusis mucronulatis pedunculis tnchotomis, bracteis oblon^is obtusis, sepalis oblongo lineanbus obtusis, ovarns senteis. 2j.^ — A f fin is Cl. Davuncae Pers. — Crescit ?
- 3 Cl (*Flammula*) AMPLEXICAULIS Ed^wrth Transact of the Linn. soc. XX 24 — flonbus pamculatis, sepalis obtusis revolutis, folns ternatisectis, petiolis longis amplexicaulibus, foliolis o^atis acuminatis I)-'— Standens glabeirima folia ternatisecta, petiolo longo [4—6 pollican] hast dilatato amplexiciuli, foliolis dit>tantibus longe petiolulatis glabns ovatis, oblique cordatis acuminttis integris, vel vane lohatis »renato serratls, serratuns mucronatis, 6—6 pollic. longis, 2%—3 latis Pamculae foliaceae dichotomae, cum pedunculo intra ramos solitano subtnthotomae Pe ~~duuclis~~ lon^i, bracteis amplexicaulibus atuminatii gradatim minorihus vane lobatis,

- supreims tegsilibus lincenlitis tndentatis Flores nutantes, sepalis erectis apice revolutis oblongis oMuis sulx mar^inatis, utrinque velutims, 10—12 lmeas lon^is Stamina villos^tfrchaeuia hnsuta, cauda basi longe, supra gradatim minus barbito plumota, *ayick* ^k J f A — Affinis videtur *Cl connatae* Wall., at satis difleat forma foliorum (lorumqui — Crt st it m sjlvls Hunalat, ad altitud ped. 7000—%00
- 4 (L CihACILIS Kd^vvtli Transact of the J inn. soc. XX 24. — Honbus terms lon_{De} ptduntulatis, sepalis crectis apice re\olutis extus velutims, mtus glabris, folns ternatisectis m< mbranareis. l)^—Scindens j,' »»nuscua. Folia ternatisecta Mibglabra membran u i a, foliolis p» tiolulatis subconlito ovatis acutis, dentatts, berratus mucromtis 3—4 u >l lon_s, 1 poll htis Ptdunculi longi griules 3 flon, bracteis lineiri lanuolitis atutts florts nutantts st pilis metis apice revolutis ohtusK, extus velutims Stamina ba&i glabri, supia pilosa Aclnema tomentosa, tauda basi plumosa, apice nuda — A Cl, *JUmirtmna* did rt sepalis erectis nit patentibus et folus ti nuionbus — Crescit in syUis IJunalat, 7000—8000 s m
-) LL \LI UTINA l<d_nvvtli 1 cit. — Flonbus paruculatis nutantibus, sepili& crectis apice revolutis, foliit* pmnatisectis ncrvosis, foholis b,hbris cordato ovatis \)^ — Scindens gl ibriustula. I olii pmnatisecta pubeuli, foltohs longc petiolulatis cor dato ov itis acutis, irregulariter lobatis integerrimisve, grosse crenato scrratis, her raturis mucionatis, 3—4 poll, longis, 1% latis. Paniculattnoltflorae, pedunculis terciuu lon, iuticuli8, bractus lanctolatis ma^is minu&ve lobit dentatisve I lores nutantts, btpahs obliquis arutis, utrinque velutims en cti^p apice revolutis, polli canbus Stamina villosa Achaenla tomentosa, cauda plumoso-barbata. — Crescit in Iliniilu s.pibus, alt G(K0—9000 pcd. *
- G CL I'AltVIIOLU frdjtrth 1 cit 2b — Pedunculis solitarus unilloris, folus bipin natisertis, foholis Integns bublobatis pubi rulis glaucis, petiolis dilatatis l) — Sub scindens &ubglbn Ctulis [junior] nuuuU* >ime puberulus purpur-iscens teres nee suledtus Toll i glaucescenti l bipinnatisecti, pinnis 4—5 JU_oIS brevibus paucifoliatis, foliolib subtus idpres&c puberulis, supra giabns, ovatis int ^ vel subdentatis, terminali acumnto, d—8 lmeas Inn_nis, 2—3 lin latis, petiolo basi dilatato sub .fhipleicauli Peduncolus axiUms solitanus umflorus bibi iccolitus, bracteis tri p irtitis vel trilobatis. Flos ignotus Achaema villosa, in caudam longissimam usque il lpdm b irbato plumos im producta — Proxima videtur *LI. sulcatae*, satis dts t i ti foliorum pinnis brevibus rice lon^e petiolatis, petiolis dilitatis — Crescit in Ilinnh, ad ult ped h000-9000.
- 7 CL IHHLI LI ATA Edgwrth. 1 nt 25. — Monoira pedunculis uniflons axillanbus," folus tcinitisectib, foliolis ovatis icunumtis, anthens mtror&is barbitis. l)^ — Scan drns glabra. Caulis tcics puipuiascens. roha ternatisecti, foliola brevite/ petiolulata, oblique ovati, ma^is minu&ve acuminata lobata, vcl inciso dentata, arguteve ser rata, serratus mucronitis, 2 — 1% poll longa, 1 — 1^ lata. Pedunculi axil lares num< rosi umllori bibractcolati, folus breviores Sepala subpatentia utrmque velu tma purpurca ovata acuminata, apiculo leflexo, 10—12 lin. longa. Stamina scpalis duplo breviora, filimntis dilititis lursutis, anthens introrsis, connertivo dilatato fixis, dorso dense Inrsuto birbatis Achaema glabra, cauda longa (^% polltcan) &ulnequaliter barbato pilosa Semen pendulum Cotyledones approximatae. — Ciescit in Iimala, in sylvis ad ilitud. ped. 8000-0000
8. CL. rULVA /oil & Mor. Systemat Verzeichn der von H. Zollmger auf Java ges iniraeltu Pflanzen p 35. — Fruticulosa scandens folus ternatis, foholis ovatis petiolatis grosse serratis (ut tota planta) substngoso hir.sutis, pedunculis flon fens in extremitate cauhs rans ^ubseptemilons trichotomis, sepalis e basi laU lanceolatis fulvis, extus tomentosus. ^ ^ — Crescit ad pedeni montis Butkit tungul in msu Java
- ^ CL OKAVEOLhNS Lin(11 Journ of the liortic soc I 307 (c. ic) — Glabernma ^racihs ciule beandente filifoimi angulato, folus pinnatim bi—tnternatis, foholis parvis tiipartitis trilobisque (acinus ovatis integris, nunc lunc inciso 6eiratis, lion feus bolitarus, pedunculi full is longioribus, sepalis quatuor oblon^is obtusis, apu

recurvis intus tomentosus, achaeniis pubescentibus, caudis plumosis. \^>. — Ciscit in lataua Clunensi.

CL. FOETIDA Raou], Choix de plantes de la IVouvelle Z< hnde pig 23. — Dioua 10 puhtscens foetula folns internatis, foliohs ovatis atummatis petiolatis coriaceisj pamculis densifloris, foliohs calycims ovatis vel ovito oblon^is, extrorsum sericeis, antheris ovatis, ovarns villosis, sti^matibus curvatis obtusis. \^ — Frutex ramo sissimus, ramis elongitis terttibus, pracupue in apice pube alba vestitis lolia suprema tern ltd, floraha ihfima tnlobata, dein mttgra, fohola ovata acummata, basi rotund ita inte^ia, 3 — 5 centim longa, 1, 1% —3 centim. lala, supia glabrati, subtus pilis rans inspersa, reticul ito venosi, nervulis supia impiessis, pctioli communes vel pirtitles teretes, baud raro cinhosi. Flores albi dioici pamtuhti, pamculae teinu nales, peduiiulis uifiims tnlonis, pedicelhsque axillinbus umfloris pubescentibus. FJorts niasculi minores. Calyx 4—G partitus, foliohs oblongis patulis, extiorsum senceis, introrsum glabri\$. Stimina inaequalia numero&a, foliohs lalycims paulo brevioia, filamenta subuiata glahn (si< cat i complin ita), antbtrie paivae, bail af fixae, biloculares, longitroisum dchiscentes. 1*lores founnei. Calyx 4—fi , saepius 5 paititus. Stjh plumogo barbati, pilis albis, in stigma aicuatum pipillosum obtusum debinentes. Ovana numtrosa sessiha subobhqua, senceo-pilosa minima umlorulan-i uniovolata, ovalo anatropo e\ locuh apice facie intema affixo aiutropo. — Crejscit in Now Zeclandta, in pnnnsula Hmksiana.

11 CL PEDICELLATA *IC/uirpn** Lindl. Bot. Regist. 1847. t. 21.— Fohis fiscu ulatis ovatis cordatis integris suiatis ttilobis ternatisque obtusis mucronulatis, involutro parvo a flore disimte, sipihs rotundatis. t) — *CL cur ho a ptdicllata* DC. — Crescit in insulis Baleanus.

f Icone^ addendae.

tL COEUULEA Lindl. ^ AZUREA (Repert. I. 5. po. 22. II 737. no. 6.). — Paiadis Vindobon fasc 3 (c ic)

CL CIUSPA Linn — Lindl Bot Regist. 1846. t 60

< L. GOURIANA Rxb. — Wght. Spicil. Neil^herr I 2. 1.1.2. — WJit. Icon, pi t. 03J.934. (L. UEXASEPAL\ I orst. — Rot. Regist. 1841). t 44.

(L SMILACIFOLIA Wall (Repert 1. 6. no. 33.) — Hook. Bot. Ma_oM/ t U»«)

tL IUBULOSA Turc/. (Repert. I 5. no. 1b) — Lindl. Journ. of the hort. soc III *) (c. ic.) — Van Houtte, H. der Givchsh **fff** t 10G — Hook Bot. *Mi% t 42oi* — Ann. de la soc. dagnc. et de bot. de Gand III 211. t. 133. — Paxton, Magai of bot. 1847 p. 31 (c. ic.)

CL. WIGHriAIN* Wall. (Repert. I 5 no. 23. et Emend) — \>_bt Spicrf. Ntilpbcrr. 1. 2 t 3. et Icon, plant, t. 935.

Tribus II. ANEMONEAE. DC.

4772. TIIALICTROI. *Tournef.*

(DC Prodr. 1 11 — Wlprs. Repert bot syst. I 10. II. 737. V. 4)

I TJ. MACROSTIGIVU Ed^ewrth Transact, of the Linn soc. XX. 23. — Folus biter nitus, foliohs lotundalis trilobis, segmentis mucronuUtis, flonbus axillaribus sohtarus, sepUis kcanosis, filamentis longissimis paucis, st>hs brevibus, stigmitilms magm&, athaenns stipitatis. 2]. — Herba um vel bipedahs. Folia sessilia biternata, fu-liolis petiolulatib trilobis, segmentis interns lobulatisve mucronulatis, itasi obtusis subcordatisve. Peduncuh solitaru axillares uniflon, folu longitudme, sepala 4 sea riosa ovata acuta trinervia Stamina 8—12, filamentis lon^i&simii capillanbus , an thens apice mucronatis. Ovaria 9—15 dolabuformia, intenora longius, extenora bitvius stipitata, stylo bievisuno, sticjmate dlatato hastato, valde papilloso, margimbus demum revolutis subfustformi tructus . . * — Crescit in Himali ad altitud. ptd 7000 — 9000.

^ TH. SECUINDU'M Edgenrth 1 cit — Rimis foliibque biteinatis secundis sessilibus ¹ li lis tnlo¹ «: IMSI cuueatis , flonbus sohtams, stigmaUbus dildtatis, achaeuits *<

- pitatis. 7. — Herbu 4—12 uncialis, fohi* ramulUque secundis Folia se&silia biter mta, foliohs petlolulatis, bast tuneatis tnlobis, fcegmenstls Integus 3 crenatisve ner >okis. Pedunculi axillares, folus duplo longiores solitam uniflon. Sepala . . > btamlna . . .? Styli breves, stigimtibus hastatis dilatatis papillo&is, margtmbus depum revolutis. Achaema stipitata dolabriformla uervosa —. Crescit in Himalap rupibusalt ped. 11000—13000 ped.
3. Til ELEGANS Wall. Cat no 4728 e\ Edgvrth. 1 c. — Foliis tnpmnatisectis, fohohs cuneatis tnlobis trtdentatisve , acliaeniis longe btipitatis bialatis 2j. — Heiba pedahs parceramosa. Folia 1—2 pollicana tripinnatisecta, foliolis minutis tnlobis tndentatisvc, laterahbus obtusis, terminall ma_ois mmusve acuto. Peduntuli axillares umflor 1 lores dcsuiit. Achaema longe stipitata gibbosa nervosa membianaceo alata, ala supcllore duplo mijoiie, stylo persistente, stigmati mediociter dilatato, margmibus inflexis, subfusiformi. Semen ellipticum glabrum. — Species distinctissima achaeniis membranaceo aldis — Ciescit in cacunune moritis Chufy alt. ped. 10000—12000
- 4 ril PEDUNCULATUM Ed^with. 1 c. 27. — Foliis 3—4*ternatisettis, segmentis pe tiolatis rotundatis tnlobis, lobis tnlobulatis, sepilis 4—5 petaloidcis, athaenns 10—11 apice uncinitis. 2j. — Herba bipedahs. tolli 3—4 teimti&ecta, vagina petioli mem bramcca Integra, foliolis gncihtcr pctiolitis rotundatib tnjobis, ba>i cuneatis, obtusis cordatisve, lobis 2—3 lobulatis. Pcdunculi 2—3 ex axilla*folU supenons dtpauperali orti. feepila pettloidea, 4—5, ilb i rotundato ovata obtuj, u*.Stamina sepalis bieviora fllamenti6 subdil itatis , antheris mutitU. Ovana gibba btruta, 10—12, st\lo longo uncmato, hti^mate brevi subc ipitato, nee dilatato. Acb lenla elliptica compressa bre Viter stipitati, utnnque itt(nuati, nervi& promim ntil>us simplicibus fuicatis vel ana Btomosantibusstiuta, stylo lon^e inurvo untnata. — rrovium videtur *Jh orient ah*, at diffirt carpellis lon^ionbus pliinbusqut , nrc tintum3—4, fohoUsque magis lo batis. *Th. radiato* etiam acttdit sivlis uncm ilis folubque tnternatis — Crescit in numnbus Ilimihe ad iltitud ped. 700—SQUO.
5. Til B'>n* Arbtn. des natuT. Vereius in Riga 1 118 Specimen unituni hiud rite determinai'dum, ddloium, fructibus plerisque jam lapsis. — Glabrum taulis fere biped tils &substitus subw^ulatus foliatus. I olia ternatim dcomposita, vaglnarunuauncuUe breves bubpatulae, petioli rami uifenoies patentea, basi plerum ' que&lipellati, segmentacordato reinformia vel rinus obovata, bi—trifula, lobis grosse 1^01" trident iih Pamculae r uni patentes pauuflori subracemosi, pediclllis elongatis strictid. Cirpella suboena sebsilia, basi obtusa, profunde sulcata oblonga, apice st)li ba&i peisistente acuminato cuspidata. — Crescit in alpbibus Karatau.

4773. AMIMONE. Linn.

(PnUel in Wlprs Repert. bot. &yst. I. 10 II. 737. V. 4.)

1. A (*Homalocarpus*) SCAPOSA Edgwrth. Transact of the Linn. soc. XX. 27. ___Folns longe p< tiolatis cordato palmttis quinquefidis, lobis 3—5 lobatis, lobulis mtegns 2—3 rrenatisve villosis, uivolucrahbus tnbus vel quatuor tnfidis, lobis oblongis intents dentatisve, pedicellis 5—G uniflons involutro multo brevionbus, sepalis 5 ovatis, extus puberuhis albis, achaeniis pilosis, scapo folus longiore. 7. — Differt ab *A poly anlha* (eadem ac *A long i> cap a* Wall) achaeniis pilosis nee glabns, et ab *A. Daika lenst* folus 5 fidis nee 3 partitis, vilde affinis *A. oillosae* Royle. — Cr<scit in pascuis eUtis Ilimilai', alt ped. 10000—12000.
- 2 A. LANIBLRA Gay, Flora thilena I pag 22 — Rigida pilosiuscula folus petiolatis, ternatim sectis, segmentis multipaititis, lobis linearibub acutis, involucrahbus petio- latis multifidis, foliolis radicalibns confoimibus, scapo multifloro, sepalis 5 elhpticis obtusis, extus senceis, gvnophoro hemisph lenco pilobo, carpellis ovato rotundis < ompressis, densissime lanatis, styhs brevibus rectis. 7. — Crescit in Chili.
- 3 A. RIGIDA Gay, 1. «>' P*B' 25 — Pubescens rigida folus radualibus bubcorwiri is profundissime tripartite, longe petiolatis, lobis obovatis mcisis, irregularitel grossequ** dentatis, dentibus obsolete mucronatis, mvolucrt conaceis sessilibus tnpartitr* inciso dentate, uivolucelhs pedunculi scundaru dipliylln, fuliuhstrotuiUto ovaiis tulobatu

internis quandoque apice dentutis; gynophoro ovato pilosiusculo; carpellis glubris rugosis laxis curvatis; stylo uncinato. 2]. — Creseit in Chili.

4. *A. BIFLORA DC. syst. I. 261. — Pritzel in Wlprs. Repert. I. 23. no. 29. — lingo. Arbeiten des naturf. Vereins in Riga I. 118.
A. *Gordschakowii* Kar. & Kiril. — Wlprs. 1. c. II. 733. no. 3. — *A. fortiosa* Clarke ex Spr. N. Entd. Hl. 157.

t Icons addendao.

- A. JAPONICA Sieb. & Zucc. — (Repert. I. 28. no. 57.) — Hook. Bot. Mag. t. 4341. — Ann. de la soc. d'hortic. de Gand III. 13. t. 108. — Van Houtte, Fl. der Gwchshsi. 11. Hft. 2. t. 1. — Paxton, Magaz. of bot. 1847. p. 23. (c. ic.)
A. WIGNTIANA Hook. — (Repert. I. 27. no. 50.) — Wight. Spicll. Neilgherr. 1. 3. t. 4. Icon, plantar. Ind. or. t. 936.

4775/. **BARXEOUDIA.** *Gay.*

(*Gay, Flora Chilena I. 29. t. 1. fig. 2.*)

Involucrum 5—6-plyllum flori contiguum; foHolis integris lobulatis aut bifidis. Petala nulla. Calyx petaloideus 8-sepalus. Stamina indeiinita. Ovaria plurima, ovulum unicum anatropum ex ioculi apice pendulum. Stylus tiliformis arcuatus in stigma papillosum desinens.

1. B. CHILENSIS *Gay 1. cit. t. 1. fig. 2.* — Glaberrima: scapo unifloro; involucro 5—G-phylo, foliolis obtusis integris lobulatis aut bifidis, flori approximatis; sepalis coloratis obovatis aut lineari-obovatis; staminibus indefinitis, filamentis exterioribus dilatatis subpetaloideis, interioribus paulo brevioribus linearibus; ovariis plurimis dense villosis; stylo filiformi arcuato. 2]. — Creseit in Chili ad St. Jago.

4776. **IIAMADRYAS.** *Commers.*

(*DC. Prodr. I. 25. — Wlprs. Repert. bot. syst. I. 32.*)

1. II. ARGENTEA *Hook. fil. Antarct. voy. of Terror and Erebus 227. tab. 85.* — Dense argenteo-lanata: foliis obovato-cuneatis, basi attenuatis, profunde trifidis lobis 3—5-fidis. 2]. — Radix fibrosa, fibris crassis descendentibus. Folia radicalia, basi fibris petiolorum vetustorum tecta, petioli graciles erecti, 2—10 unc. longi tomentosi, lamina 1%—2 unc. longa coriacea, utrinque tomento argenteo-nitente vestita, segmentis obtusis. Scapus folio subaequilongus, crassitie pennae corvinae, plantae masculae gracilior et uniflorus, foeminae biflorus. Sepala ovata acuta vel acuminata, extus villosa. Petala sepalis duplo longiora, <ub 4 lin. longa lineari-subulata, gradatim attenuata, basi subito contracta, quasi unguiculata, supra unguem squamam appressam gerentia, trinervia, membranacea, dorso hirsuta, pallide straminea. Stamina 8, filamentis filiformibus. Ovaria ovata, superne in stylura uncinatum attenuata. Carpella turgida ossea. — Creseit in Falkland insul&.

4778. **ADOMS.** *Dill.*

(*DC. Prodr. I. 23. — Wlprs. Repert. bot. syst. I. 32. V. 4.*)

1. A. PERSIA *Boiss. Diagn. pi. nov. orient. VI. 4.* — Annua: calyce glahro patente, demum reflexo; petalis obovato-spathulatis rotundatis obsolete crenulatis, flavis basi nigro-maculatis; spica carpellorum densa cylindrica j carpellis minimis, margine superiore incurvo semilunato bidentato, dente basilari acuto, terminali sub rostro ascendentem brevissimo sito obtuso, saepe obsolete, margine inferior! valde gibbo carinato, ad medium angulato. ©. — Habitus *A. microcarpae*; spica fructifera 9—10 lin. longa. — Creseit in Persia australi circa Abuschir et Schiraz.

4780. **RIYOSURITS.** *Linn.*

(*DC. Prodr. I. 25. — Wlprs. Repert. bot. syst. I. 33.*)

1. M. ARISTATUS *Bth. in Hook. Lond. journ. of bot. VI. 459.* — Spica oblonga acuminata sub-20—25-gyna; carpellis stylo persistente divergente (carpello ipso longitudine aequante) aristatis laxe imbricatis. © — *M. apetalus* *Gay, Hist. Chil. I. 31. t. 1. fig. 1.* — Creseit in Cordilleris Chilensibus.
2. M. MINIMUS *Linn. — Bth. 1. c. — (Wlprs. I. c. 33.)* — Spica lineari-elongata; pistillis numerosissimiiis; carpellis stylo persistente perbrevis, arete imbricatis. © — Creseit P<T Europam, Asiam et Americam septentrionalem.

*

RANUNCULACEAE.

Tribus HL. RANUNCULEAE. DC

4783. iti.MKcri.rg. iiii.

(DC. Prodr. I. *U — Wlprs It' '* » * s>bt I. H. II :ob \ 4)

- I ' It. {Ihinhcluum) HIDHOPHILUS < .pert. I. 39.) — Hook fil. Antai.'
* •> of lirror and Erebus 2i\ t. 82 1/
- ' It IUULMIOLICS Hook fil. I. c 225 tab. 82. A. - Glaberrimus caulibus brevis
MIMIS hanin ntosis, folus ladicilihus natantibus obovato-cuneatis integerrimis apicibus
3 — 5 d< ntatis, petiolia don^atiAi incrassatis, buperne attenuate, pedunculibus petiolu
beCVIOIthus, floubus m< onspicuib, sqialis late ovato rotundib, petalis brevibus. 2|. ' —
IUdix librosi, films ciasbis elongitis, e collo barmenta elongita radicante emittens.
1 oh.i omma radicalia, petioli ba*i longe vagmantes, 4 — tf uiic. Ion_oi, teretes, antic*
« tnaliculati validi crassiusculi, superne gradatim incrassast, infia lanunam attenuati
limmi %—⁷/₃ unr. lou^a, abrupte truncata, gros.se et rnaequaliter 3—5 dentata, den
tibus obtuMs, 3—5 nervns, nervib parallels, lunde \uidis % el purpurabens. **Flora**
fiuctusque ut in *R. hyliuphtto*, bed paulo majores et pedunculo uas&iore. — **Clebs**
in I ilkl md insulis.
3. It. IMKIHMLDICS Kinf. Hoia (IS. Z.) 184C p '289 — Laule radicante, folus omnibus
confoinubus, hubrotundo remformibus tnfidifc, lacinnis lateralibus 5—0 lobis, Intermedia
tuloba, lobis '2—3(ien.itis», petalis 5 obovatis, stamiibus ovaiiorum capitulo longio
ribus, receptaiulo Hetoso, c.uptillis subtur^idis , tiansverse rugosis, subbispidis
apice obtusibMimis aut breviter apiculatie*. 2|. — Intermedium inter *R. hederaemm* et *H*
uipiutem, ub illo difTert reccufac ulo setoso, ab hoc fohib omnibus conformuluis
lobatis, <aulu radii ante et tempore eflldicscutitiae. AttainLII Torsan est v inctas *It*
aiftiutVis, folns < onforimbus — Crest it ad Kre et Kuntiadic propu Pragam in Dobcnu •
1. II. (*RununculaUrmJ MM JtOUKHYJVCUrJS* Hoiss. Diagn. pi. nov. orient. VI. 5. —
Adpi<^ss< birsutiH ladi.e ^rumoso ohnduca, cuule diebotome ramotto, raniM di
vunuitiN, folus ternuto decoupositts, sf^mentU lnnceolato hneunbutt acutis inte^rts
supcnic glabnujtiulls, folds cauluns subst*s>ilibu» pmnatisectis, pedunculis elonguli
n-,nlis, llonbus, fcpii i fnulifeia globosa, c trpellis birsutis compressis plains
(Mid. tubeiculutis, margiue evtiiiore bilobis, lobis purum diveigeiitibus, inknoi
b ui/ontall brevi rotundato, supeiion* In rostrum recuivo bubciiciuatum tarpell
iluplo loip^iuh attenuato 2j. — Afuius *R.orientuli*, fled carpellis hir&utls diffeit
Crcbnt propu Mustalui in deserto ad li^iin.
5. It. ISrilmItDS Uoibs. Diagn. pi. nov. orient. VI. 4< f — Totus pili& adpres<is
fierueus: radii e grunus r^lindntis extremitate attenuatis coiibtantj, caulibus 1—²
bunnlinis, paulo supra basin '2—3flons, pedunculis basl arcuatim patentibus, fol-
lus tern ito decompositiSj putitiouibus baepius pctiolulatis, segmeutis nnuimis lineau
Npatbulatis abbreviate obtusiu&culis, peliolo dilatato, radirillum arcuato, caulmoium
ad dM hotomiam bitoium abbreviato, bepahs hirsutib reflexis, petalis flavis angu&te el
lipticib obtusis striatiM, carpellorum bpica ovato rotunda, caipellis glabrifit compressis
latiH, (t'ntro tuberculatis, maigiucextcriore piofunde bennlunato bilobiSylobo inenore
rotundato membranaceo subhoil/ontali, supenoie in lostruin &ubre< uivum carpt>llo
multo brevius abeunte. 2[— [Mantula bipollicans — Afdnis *R. orientali*, qui est multo
major et cujus tarpella etum ceutro tubeicuUta facieque e<tt*rriori mcurva, sed duplo
majora sunt. — Crescit in dechvibus istbmi Conntbiaci supra Galamathi.
- (*) H I ItiOPHYLLUS (. Ki;ch, Linnaea XIX. p. 45. — Napula <)luidri(a, caulis ultra
pedalis, pilis patentibus vestilus paucamosus multiflorus, folia radicalia lon^o pc
tiolo, infrne \aginifornil, membranaceo glabro instructa, >ilJosa, ex ambitu ovata,
duplicitur tuloba, lobulib (renatis, caulina longiora, lobis oblongis , pedunculus ad
presse pilosus, ralyx patulus Millosus, receptaculum pilosum, ovanum glabium
turvatum, stylo niinimo instructum. 2j. — Crescit m Asia minoie septentrional!
7. It. PONTICUS L. Koidi, Linnaea XIX. 1. cit. — Hadix fibnllosa, caulib ex basi fil>ns
nigro hruneis folioium anni praetenti velatus, omnino pilosus aut pedunculo excepto
glaberrimus, folia radicalia bina aut terna petiolata, adulta ^labra, iteratini **lyquaiioso**

moU'iis< Uciiits lufviliu.s ttiK'sri-oblnU^is; Miuiu caulium 3 .nit u partitum; pr-
rtmiriilus eluuKatug tercs, ail|ir<>se \v^m^ i; calyx vilJ>Mi> [>,ituls; receptaculu
gla•rum; plslitU UIAUVU, t>ti u r<0<8T*to getnien uctjuaitte. 2J. — Cftlcit In AtU
mluiz; septentrionali.

8. R. HIUUU OSUS C. Koch, t. cfc p. 47. — K;idii deiuitKinie G>RU>a grlseoHaY
cras; C nils i>llSs lioTioataltbas vestltua uniflonu MbapliyUiu; (oUa, bu< vagina
petiolata; ex ambitu ovata triloba pilosa, lobis >lis, grossa :• utitis -. follna uiikum
caulium, varicoso nullum, bracteisforme line i' ; [ifduncloa elon^Alas adpresH pi-
Dnaa terus; calyx pil>»U< r<tt'>na; tace {!::: uluro tUitiiint ; stilus Ifjuiktidine gemii-
sila recerstat. 2+ — Cruoit In Asia minor septentr II. lli.

9. R. LINEARILOBUS Wags. Arb. dex naturf. Verginea in Hig. • 1. IV. 7 — Vii)000-
canescens; pube adpressa; foliis radicalibus trisectis, segm. nto media |ii:tti>Iti!nt<>
profunde tri. lateralibus bipartitis. - UdMlto integerrim ttUwe, par Lobta line*
ribus elongatis obtusiusculis; caule 1 s araificalioiutii i. aque nuda subquinque 9orn,
foli. • c—B<>> prim trisecto, segmentis line ftpc<wji sepalis a villisnunc ulla,
carpellerum capitato ovato; carpella compertis glabris in nt>liim l'iiiguni uu-
cinato-revolutum attenuatis. 2; — Cruoit locis lapidosis prope Timmen-hai-
tu.

10. R. (Ranuncularium) POZOAEFOLIUS Gay, FlorsChilens I. 24. ! — *.LiImriimus a<l
apicem subquadrangulox; folia longe petiolata; caule gracili creCfn s(ii.,(,) simplici
antramoso; barbas { Quoplutra uv.ilit—elangtta plloio; carpelli* pUbn^ ru-
gUSis oblongo-lin -aMkiR, m, lo hngi actiilliialla. K — Cruoit) • Cnr dillerii <te C*|iapo
te regio Chilens.

7) CRASSIPES Uihb. III. Aataret voj. n(Tenor »n<l I lresbus 234. 1. St. —
Glaberrimus; radice crassa. tl tAtav :• .mil- rep rule; Co llia long* petiolata cu nbto
reniformibus triidis, trilobata tripartitis, segmentis grosse .u...ijii.ill. i J — Ierra*'
lia; peduncula petiolo brevioribus; sepalis glaberrimis J. rans reflexis; petalis 4—6
obovato-spathulatis (tusIn HNVIK I capitulis mucronatis; carpellis plurimis lat.
tergatis; style brevi rug. zj. — caulis spinosus, ad nodos radicantes, crassitie
j. ^hi.i.' CUTTIBAO, [ftitili I—4 unc longi. Folia vix acca, plerumque trifida vel
trijurtit*, K-^iurntU Ute cuncatls. Pedunculi axillares validi erecti. Flor solitarii
inconspicuos. Sfjiala uyuta .

IV(tin. long a, 3-nt!r?U] versus nicittin: glandula opaca instructa. Capitula ut in R,
rrmita, <ed tt/ili sirittl*. — CruCU hi I arguete n't laland.

12. *R. (taccatoniti; BYPERBOREOS Ilultb. — DC. I, c. 33. BO. 78,

^ InVrotatiu Kuprelu. Iteilr. ufffiwiMHakde. Raud.11. 19. — locisume 14 p<r
foliorum Mtaci|UMiit, |ilori> etiam [ntogentnu oontpictmtar in eodem caule, • ab
orliicubri.i; specIBtU (nnm tiujus)Lint;it: (terrestri* au sit, unti Jinipiib
conlor) robiutlon quam K. hytrborei ex oodm toco, tann-n varkattim tsulwv
COImtituti, mJn in /i. hxjptrlurta niiius Itldegu IrausitusV adi-hst; vidntur. —
(r med in te m Sjinu)?-(lifrutii)r<'ii; Knmlmlnitzttni.

13. R. SAMOJEDONIUM Eaptedt, H.iir. UV I'UNjetikde. ItusaJ. II. IB. — Stalurt pu
*i)U rt falita ud bnsiti usque pa i tilift, exlml< AnguhUto-ciineattM * It. hyerborto priaqu
jam Ujectu dlvratia ailjiarct, allud ellnm haliitsruluai. A it. I'ufshii genuino <t R.
Gaczihi differt: styl. • • niinuto, filiils atnbltu ciincatu- Iri.ni^ularilms cct. — scd B; ecc.
Chamisso: HU c ttiiu EaebtcboksU Iviir. ^ ttrrutris a, lubylaher Lcdeb. Pt. Itois.) TuU
nliim li;lit;jit (rilidA, bkt Uteata, laciitiih iileg<rriiiiis; ffuctibu* tincti mjturis
ignotls no J'm miti e vie turn ridetr, nun iner.te format' A*. Cmeliiti (timcl. M. S. l'ir-
t. 87. It.) siit, trausitus ftiili-ntes in .siiii'ciwmibus dieliv Hh. Cliim. non luvencimter,
piktiuK slyti in TructibuA iiiiimatin'is unciuxti, ejusmodi dpecimiitu glmbi^rrinia rt minima
ailbuc i|u.idru|)ln BOSTra Bnjow sunt rt aylo evidnnter luDj^iuri tUterunt, nee uutt
fi>riliuv dujilii ball cm m.ijorilmn, tiimen •• cta fortasse nna tllversa (in T.Jir. oirrHtalii
H. Sainijctlu- un? quader ite RMlogla in /'• kff'rrborro tjliviu); oliA;(r^lu tamr: di-
Stinni, nif' A*. iMwUJnrfuHlia |ill>|ill>|illtdtMill |urtium ilngularum st*tn|er vald. cauler
•MMi vldimte et rolli'gtue; cajiilula frucrifeia (>b carpiliu pauciora) tluulu mituira
<>i> K. kypt/bjrri, tti^lu minora quwn /'• kyptrb. ft. orient. Lcdeb. r 1. Rttss., quon

\ ukttis insuper sMo lon^ion uncmato recedit, flonbiis quoque cludiculisque mvjo nbu*. — Cnstit in msula Simojtdorum kolgijtw locis arenosu hunudis.

- 14 It. (*acn**?) GLAHR1USCULUS Ruprecht, Beiti zur Pftaruenkde Russl. II 10 1.1.— Pio\ima quoad hibitum species, quicum comparau possit, est sic dittos *R peda tt/diis* >1 if (in is < siuu St Laurentu i Chanussone, e fieto Senjuvui a Mertensiu itlatus, tb utiaque specie divtvisus, quern *It 7&chukt*chorum* dixem, affuutateni cum *R mvuli* j tm Sthlehtendalius, vir in *Rununcuhs* celeberrimus, eflatus est (\mmidv. II. IS ubl destr invtnitur), differt hie a pioximo quoque *li affini*, cujus series fornruui a lluokeio oblatarum pratsto est carpidus nntuiis glabernmis, loima fohoiuim rtditalium non pubescentium alia, ^a^inis subglabns, margine minus scanosis, tipitulis fructiferis tnplo minonbus, immatuiis interdum, quod vix ere dces, subglnbosis, qu ilia in nostro 12 *glahiusculo*, cujus folia radicalia ejusdem ft re formic suut, junioia Umen frtquentius incisa, lacums attenuatis acutis (in mo dtim *R acn** minuti, cui altru ex pate proximus), subtas inteidum, uti ad sulcos evidmtioiis paginae supeiioris pubtsctiitibus (pube sen us evanesiente ¹), saepissime vero gltberrimis cirnusulis, it i ut plant it (sLnuped iles) oculo nudo glabemmie ap pareant exco^is pedicellis floium idpiesse pilosis rpolii c lulina in nostro 2, J, laci mis tnbus lintuibus iitegemniis vel m infimo folio pluribuvet tune pane dentatis, «aulis ti nuis unidorus simplex vel mferne ramo hebctato auetas, receptaculum gla Uium K aens (3 *humili** nostro simper vel in caule vel ⁷etiolis hirsutior, pie I unique robustior, tamen transitus possibilts negaie nollem.^ — Crescit in teira Sa niojedorum id stnuni Indegi
- 1b) I{ KOISLIHYI IJoiv, 1. c. 3 ^J, — Kadict olindnca fibrosa, collo fibns pttiolorum vi tustorura vctito, caule unico erecto glabro stnato, supenie ramoso cor>mboso, basi pctiolis dilatatis fohoiuim tecto, folus supra glabns, subtus parce liusutis, radi t ilibus pctiohs lon₃ts lursutis msidentibus, imbitu ovato cuneatis, usque ad basin tn partitiv, iiditionibus sessilibus, basi cuneatis oblongo lanceolatis, lateralibus ultra medium bi, inteimtdia tnscttis₄ Uuunis lanttolatis obtusiuscuhs inttgns \el bifidis, i >ms ctulims id l imoriim ortum sessilibus tupaititis, paititiombus lineanb-us nvtcgnis, peduiiuulis ilon₀itis, ad medium saep(squamuli hnean instmttis, apice teretibus pardssime tt adpiesse puberulis, scpalis hirsutis patentibus, floubus ilavis, c irptl I mm &pica globosa, axl glabro, cuipelUs plants ovato subrotundis punctulatis anguste m ip.matis, apice in rostrum mimitum brevissimum subuncinatum abeuntibus 2j. — Af finis *It napellijolio*, qui dilTeit foliorum partiuombus multifidis, intermedia petiolu |nta — Crescit in p tludosis alpis Kuh Datna
- 1b) R NKPHLLOGKNLS Kdgwrth Transact of the Linn sat XX 28 — Acaulis folus laditahbus petiolatis glabns lanceolatis cuneatisve mte^ils vel tn inciso cienitis, scapo solituIO uni v bifohato uuifloio, petalis subiotundis, athaenus rugulosus f ecte acumrutis 2J. — Uncialis nee stolomfer btapus solttanus ternimalis, folus integns infdisve, apite pubestns Sepala basi pilosa, apice glabia reflexa Pttala laete aurea, stpalis lon^ioia. Stamina 10—15, ovaria plunm i, athaema ru_bulosa o^atu icumniata, stylo recto nee adunco — I'roxime accedit *R sahugineo*, *nubigeno*, *cymbalariaequit*, sed ab omnibus differt defectu stolonum, forma petalorum foliorumque et talyte rtdexo nee adpresso — Crescit in elatis Himalae, alt 17000—1S000 ped.
- 17 R IUP\RIUS Edgwrth. 1 ut — Hir^utus folus raditilibus teinatisectis, foholis pe tiolatis, basi tuneatis tripartitis, segmentis dentatis acutis, reteptaculo elongato pi loso, athaenus compressis lae\ibus stylo incurvo brevissime apiculatis 0 — Radix; fibrosa Caules numeiosi hnsuti rimosi I olia radicalia petiolata ternatisecta, fo tiolis petiolatis basi cuneatis tripartitis, segmentis dentatis atutis, pihs paucis adpres sis subhirsutis, taulina similia sed gradatim diffoimia, floralia lanceolita. r lores solitaru axillares, pedunculo folio breviora. Sepala extus hutella refltxa, petala stpalis breviora. Achaema numerosa, in rceptitulo elongato piloso spirahter dis >osita compressa margiiiata, stylo intur\o (saepe taduto) brevissime apiculata. Herbu tnnua pedvltis — Crescit in rip is arenosis fluminum Indue septentnonahs.
- IS. II BRE\IROSTRIS Edgwrth. Tiansact 1. cit. — Adresse pilosUs^ folus radicaibus

1. *R. repens* L. — Perennis 2—3 pedalis multicaulis. Caules fistulosi adpresse pilosi ramosi. Petioli radicalia lunge (petiolo 1 — 2 pedili) petiolita rotundata, basi cordata, tripartiti 1 segmentis 2 — 3 fidis incisio dentatis obtusis, caulibus gradatim minutis, segmentis ut in tubis. Aoraha lanceolata. Flores majusculi. Pedunculi dichotomi adpresse pilosi. Sepala hirsuta ovata adpressa, petalis rotundatis duplo brevioribus maiusculis membratis ceo revolutis. Receptaculum bievissimum glabrum. Achaemia glaberrima, apicem versus suhrugosa, gibba marginata, stylis brevissimis incurvis superiatis, vel saepius stylis caducis obtusis. — Affinis *R. recurvato*, differt calyce lobis recurvatis stylisque brevibus caducis. — Crescit in uliginosis Himalae, alt. ped. 10000—11000.

2. *R. minutus* Gay, *Thuis Clulend* I. 38. f — Cuius minimi glaberrimi, foliis 10 tondatis ovatis crassis, gossis dentatis, quibusque tripartitis, lobis internis aut bifidis, scapo unifloro, sepalis 5, petalis 5 ovatis obtusis, staminibus uidebitis sublobosis, prope basilinam unguibus, capitulis ovatis, carpellis indefinitis compressis venosis et margine cinctis, stylis brevissimis acutis. 2j. — Crescit in altissimis Cordillis in provincia Coquimbo.

3. *R. LKODIU-OLIUS* Diels. 1. c.45 — Pilosus ascendens. radice collum crassum, foliis radicalibus longe petiolatis villosis pinnatisectis, segmentis ternis aut multifidis incisis acutiusculis, tulinis lufenonibus subulmibus, suprenonibus breviter petiolatis tubulatis, lobis hinc atque inde, sepalis 6 — 8 linearibus lanceolatis, carpellis obovatis subcompressis in capitulum globosum angustatis, stylis obliquo quandoque uncinatis. 24f — Crescit in Valdiviae Cuidilleris altissimus.

4. *R. ASCHENBORNIANUS* Schum. & Thunberg, *Linnaea* XX. 719. f — Caulibus eiectionibus multifloris folisque pilosis subhirsutis, foliis radicalibus longe petiolatis terato bifidis pinnatisectis, pinnulis tripartitis multifidis lobulis sublineariibus, pedum ulis teetibus senceis, calyce reflexo, carpellis (in capitulum globosum collectis) lenticularibus compressis submarginatis laevibus subtilissimis impresso punctatis, stylis recto terminatis, receptaculo subpiloso. 2j. — Crescit in montosis Mexici ad Tulani.

5. *R. SERICOCEPHALUS* Hook. fil. *Annot. Bot. of Terror and Eiebus* 23 tab. 83. -[^] Depressus, acaulis, totus pilis fuhis senceis dense vestitus. foliis radicalibus stipulatis patentibus orbiculatis remfoimibus irregulariter 3 — 7 fidis, lobis frossis crnatis tinctis, pedunculis brevissimis, floribus parvis inconspicuis, carpellis dense hinc inde. — Planta pusilla depressa, valde conspicua. Caules brevissimi vel nulli. Iolia stellatis patentia, petiolo % unc. longo, lamina basi cordata, plerumque 3-loba, 1 uius trifida vel lobata subconice 1/2^{uu}. 1 lora inter folia subsessilibus }tedicelli interdum e lamina brevissimis oiti. Septem late ovatis, intus 3 nervi via, patentibus etalibus aiguste spatulatis obtusis (lana, versus medium squami parva instructa. Carpellis pilis patentibus obtectis, stylis brevibus uncinatis. — Crescit in Islandia utraque.

‡ SPECIES INDESCRIPTAE.

- 13. *R. HOHENACKERI* (P. R. & G.) P. R. & G. Bot. 4, —
- 14. *R. BERTEROANUS* (P. R. & G.) P. R. & G. Bot. 4, —

Icones addendae.

WALLICHIANUS Wight. (Repert. 1. 40. no. 84. et Emend.) — Wight Spicil. Neilgherr. I. 4 t. 5 et Icon. pi. t. 937.

Tribus IV. HELLEBOREJE. DC.

4786. *CALTHA*. Lum. *)

(DC. Prodr. I. 44 — Wlprs. Repert. 1. 46. V G)

1. *C. (Psychrophda) DIONAEAE* 011A Hook. *Lond. Journ. of bot.* 11. 30b. — Hook. *hiantarct.* *oy. of Terror and Erebus 220. t. 84. — Pumila caulibus densissime cespitibus

) vSectionem Candolleam primam pro genere distincto habet Gaucher, *Chil.* 1. 47

*Ps (*Caltha* Pers. — *Deltas* Ic. select. I. t. 43.) APPENDICULATA G[^] 1

4S — *Caltha vaiadora* Soland

*Ps (*Caltha* Cai. — DC. I. () SVGITTV\ Ga% 1 t. b0

*Ps (*Caltha* Hook.) DIONAEAE\tr\OLI\ Gav 1 1 o\

tr>i* laiuuMs, loins orhitultil ovalls bilobis, lobis conduplitfttis appendltulisque2 ap piessis oblon^is setoso ciliatts papillosis, stipulib maximis concavis, sepahs 5 oblonp'o i)vatis crassis, npicibus ohtusis membranaceis, stamimbus 3 —7, ovarns 2 —3. 2J. — C'caules tonftili, 2—4 urn lon^l, stipulis s<ariosis fohorum delapsurum tecti raniosi, h< ilhc fibras uassas bimplicts tmittntcs Petioh breves validi, in vaginam maxi mamtontavimtymbiformemdilata, foliorum hmna \ uina minor, cirutei 2hn. longa conacea, sup erne laete vindib papillosa, sub t us pallidior, margimbus mstar *Dumaeae* cihatis, appcndioulis laminae appressis, e\tus tiliatis. Pedunculi breves crassi sub clavati, obtuse tn,;oni ¹/₃ unr lon^i. 1 lores hermaphroditi? stellatl stiaminei, extus ilavi. Sepala 5 pattntia elliptico o\ata rirnsa, apue obtuse membranateo subap- pendiculato, ncivis plurinns Stimm.i plerumque 7, filamgntis ciassis purpureo no tatis, atheris m ijusculis. Ovana'2—3, satpissime 2, oblique ovata obtusa, ovulis 2—5. — Crest tt in 1 uegia.

2. C. (*PSYCHUOPHILA*) ANDICOLA Ca>, 1 lor. Clulena I. 49 -J-1. 2 — Folns corditis repandib roriaceis, appcndicibus2 trape/oideis smuolatis lobatis aut dentitul itis, petiolis hasi in vaginam membr maceam dilatatis, stapo cias&o unifloro, sepalis suborbiculatis albidis, tarpdlift < irciter 35, ru^osis, ad basin attenuatis et ,itylo subrecto longiore teiminatis, stminibus fuscis nurmoreis 2J. — Crescit in Andibq^ Clulensibus.

4789. IIKL t KIIORUH. *Adam.*

(DC. I'rodr I 40 — Wlpis. Itepert I. 47)

- 1 MI. MULTIFIDUS Visiani. — Rcpert. 48. no 3. — Vis. Floi. Dalmt. II. t 2G.

4795/, ANE] ? IO \ OPSI9. *Steb. et Zuccnr.*

(\bhandl. der mith. ph]s. Cla&se der MunrliLner Akademie Bd. XIX. ex Flora [B. Z] 184<. p. 420.)

Calyx polyphyllus, foliolis sessilibus, exterioribus tribns subfoliaceis, reliquis petaloidcis ovatih obtusis; pctala duodecim late sessilia, basi ioveola nctarifera inciassata notata, sepalis breviora. Stamina hypogyna liidofiiiita nuinerosa, ultra 30, libera; ill amenta linearia comprehso- plana uniuervia; antherae continuae lineari oblongae antice quadrilo- uilares mucronatao Ovaria 6—4 sessilia, inter tæ libera erecta uni- louilaria, pluri- (8—10-) ovulata, ovulis biseriatis. Styli terminates subuiciti glabri, hinc sulco a stigmatc truncato decurrente notati, ovario longiores. — Librum ipsum non vidi.

4794. NICKLL1. *Tournif.*

(DC Piodr 1. 4S. — Wlprs Uepert. I. 49 II. 741)

1. N [*Nujellana* DC) INVOLUCRATA C Koch, *Linnaea* XIX 48. - Cauhs erectus, Mmpliuter lamosus multangulatus glabcmmus, foliorum segmenta kvitcr canahculata scateata spinuloso scabra, flores coerulei involucrati, sepala suboblonga ad basin attenuata, ex apice contra in cuspulem subito dtsmentia, labium petalorum stipita torum coeruleorum supenus bipartitum, infenus integrum, antherae bitvissime apt culatae, folhculi tres aut quinque connati, dorso unineives laevissimi, styli exatte ertcti contorti. ©? —• Citsut in Asia minori septentnonali.
2. N. ASPEHA C Koch 1 cit — Hirtulo asp era caulis ramosus erectus, folia caulina 2 — 3 pmnati partita, supenora contra tt laniorum 3 partiti, omnium segmenta bre viter linearia, sepalorum lamina ovato cordata et apiculata ungue paene minor, pe tala plunna ila^a, lmeis du ibus transversis, obscure coeruleis designata, profunde bipartite, lacinus aequahbus uncinatis, antherae apiculatae, folhtuh tres aut quatuor ad medium connati patuli, nervis clevatit. instiucti 0 i — Crescit in Asia miuonii scp tentnonali.
- ,i \ (*hrobates* DC [?]) INTERMEDIA C. Koch 1. cit. — Spinuloso scabra caulis (lettus ramosus multangulitus, segmenta foliorum setacea, ex pagma supenore ca ndliculaU, exinfenore contia uervo vahdo instructa, involucrium squairoso ramosum, s>epala late ovata cuspidate, subito m stipttem brevem desiuentia, pctala longe sti

pitita, n.ā, libio supuioie bipartito, inferiore integro, gemma quinq̄ue ail apicem usque connata, stjlo lecto, torto. © I — Crescit in Asia miuon septeuitionali.

4795. AQIILKCJIA. *Tournef.*

(DC. Prodr. I. 50. — A\lpis Repeit. I. BQ. V. (S̄)

1. *A JULI -SDA listh. & Mey. - Repeit. 1. 50. no. 2. — Lindl. Hot Ilegist 1847. 1.10. {?. *macroceras* Morr. & Dene. Ann. de la soc. d'hort. de Gaud III. 327. t. 150.
- 2 *A LEPTOCERAS Fisch. & Me>. — Repert. 1. 50. no. 1. — Lindl. 1. c. t. 64. — Van Houtte, 11. der Gwchshsr. HL t. 206.

4796 DELPHINIUM. *Linn.*

(DC. Prodr. I. BI. - Wlpis. Repeit. I. 51. II. 743. V. 6.)

- 1 D. (*Delphmastrvm*) MIDDENDORFII Tiautvett. in Middendoif, Sibir. Reise 63. + t. 1. — Perennis caule simplu i glabio prumoso, petiolis bisi membianaceo dilata tis, folus tenuissitne pube¢ibus 3—5paititis, partitiombus 2 — 3 fidis, laumis linearibus acutis, plerumque nitegerrtmis v. 1—3dentatis, racemo termm.ili sub corjmboso la\o 1—Gflbio, calcari recto sepala aequante, lamina petilioium uife riorum dilatata obovata, apice pmargmito biloba v. subintegia paice ciliolata, basi barbata, o\aius 3 dense pubes(entihus 7\.. — Cresut in Sibuaia ad fl. Taimyr.
- 2 D. SANICUHEFOLIUM Boiss. Diagn. pi. nov. onent. VI. 6. — Pcionne ra dice, taule elato puberulo tereti, folus infenoibus longe petiohtis glabns, ambitu iotundi8 ultra medium palmato 5 lobis, lob is basi cuneatis obtuse dentatis, fiiiiperioibus pauc s multo m noubus usque ad basin paimatipartitis, segmentis lirieau bus, supremis ad biacteolas hneaies reductis, pamcula ramosa, lacemis lauiusculis, pedunculis macilibus squamula lineari brevissima sufTultis, supia medium 2 bracteolis setaceis auctis flons lon^itudmem aequantibusj floribus pan is coeruleis, scpalis gia beirimis, cakau glibfiumo ilore longiore rerto, e\tiemitate fracto gibboso obtuso, petalis supenoibus conaceis glabns albidis oblique truncatis, infenonbus stipitatis ovat s r>liatis, ultra medium bifidis 2j.~ Ex aifimtate *D. micrdnthi*, *huridici*, *pemcillati* et *tubeioit*. — Crescit in \lpe Kuh Delu Peisiae austrahs.
D. CYPHOPLECTRUM Boiss. 1. c. 7. •{. — Perenue ladice. . . . ?, caule elatof tereti superne lamoso bieivissime pubeiulo, foius petiolatis, ambitu iotundU/-ad# basin usque in 5 partitiones lato lineares divantatim bilobas paimatipartitis, lobis mtegris dentitisve, lacemis elongatis laxis, pedicellis tomentellis, squamulis tnbus miuimis basi su(Tultis ebracteatis, floiis longitudine, floribus caeiuleis, sepalispaite tomentellis tenuibus petala supeiantibus, calcari lecto florem aequante paulo supra extremitatem gibboso abrupteque attenuato, petalis couuleis supenonbus glabns oblique truncatis, infenonbus stipitatis o\atis parce busuto nli itis, ad medium usque fissis. 2\ — Caulis 2—3-pedalis, foliorum limhus diametro tiipollican, partitiones 3—4 lin latae. Affine *D. saniculaefolio*, *Kurdico*, *tuberoiO* et *penicillato* © — Crescit in monte Kuli Malo prope Daiechi Persiae austialis.
- 4 D. NEVADENSE Knze. Floia (B Z) 1846. p 647. — Caule subflexuoso, omnino gla bro, petiohs basi dilatat s, folus quinquepartitis, lobis tnfidis, lacinus dmtatis glan duloso mucronatis, bracteis linearibus heibaceis (nee coloratis), petalis cal>ce bre \ionbus, oval us tnbus tenuissime puberulis. 2[> — *D. pentagynum* Boiss.⁹ — Crescit in Siena Nevada ad fluvium Monachil, intel fiutices prope San Geionimo in Hispama.
- > D. (*Consotula*) PARADOXUM Bnge \rbeiten des natuif. Vereines in Riga 1.124. h — Annum mouog>num apetalum, ecalcaratum sepalis quinq̄ue subaequalibus. 0 — Cirsцит in Asia med a ad fluvium exsiccatum Jan Darja.
- ¹ D. BARBATUM Bnge. 1 c. 126. f — Annum caule erecto divancato ramoso, pube tenuissima retiorsa adpressa glaucescente, folus dissectis, segmentis linearibus fal catis, pedicellis b.sii plunbracteolatis glanduloso vtlliosis, floiem subaequantibus bre Monbusve, sepalis baibatis, calcari conico obtuso rectiusculo sepalis paulo longion, petalo antico utrmque bidentato, dente infenore lanceolato acummati&simmo, snpenore ovato obtusiusculo, filamentis exsortis glabns, o\ams oblangis glabns st>lum aequan tibus 0 — Ciescit lous apncis saxosis in montihus h »r t <• »i s, « 1111 sup>aiotie ^

4797. *ICOXITXJI. Tournef.*

(IX Piodr I 53. — Wlprs. Repert. I. 37. II. 746 V. 7.)

I \ (*CaiHinarum*) AUTUMNALE Lindl. Journ. of the hortit. soc. II 77. — Pubescens folns p ilmatifidis, litmus pmatifidih, lobis subfoltdtis acutissimis, spiti simplx i struta, galei tonipressa rotundata smsim .iruminata, cucullis obtusis nrrinatis, fila in« ilis utrmque in alam latam acuminatam piodu<tis, otarus tnbus villosis 2j. — (i« s« it in 1 lima ad fhusan.

Tribus V. *P/EONIEAE. DC.*4804. 1 MEOV1A. *Touimf*

(D(. Prodi. I 05. — Wlprs Repert I 61. II. 743. V. 7.)

I 1* WITTMANNHNV Hartwiss mss. in Lindl. Bot Rei; 184G t 9 — Ann do la soi dhoitir. de Gaud II. 173. t. 04. — Herbarea foil is tnternatis, foliolis integcuimis ovatis rugosis, 8ubtus |ubeR< entibus taesus,]>etalis o\ ltfi luteis, caipullis <if<tis tomentu&is, apice n*rur\ is 7. — Cresnt in (IK ISOIUSO TauriLO.

4804/1- *GLAUCIDIUW. Sicb. et%tcr.*

(Abhandl del math, phjbik. Clasfcc der MQnchent>i AUd. Bd. \I\ <\ II i . II{ /] 1840 p. 410.)

Calyx raduciis. Corolla hypogyna tetrapetala regularis; petala obovata rotundata vel acuta. Stamina hypogyna immerosa multUeriata Hbera; antherao erectae ellipticae, loculib adnatis lateralibus, longitu dinaliter (juadrivalvibus. Ovarium superum ses*,ile cylindricum unilodilcirp, ovu!-> plurimib in placenta unca parietali multiseridtis hoii zontalibiib. Stigma crassmn recurvato-aduatmn papillosum. Capsula? — Lihrum ipMim non vidi.

Ilanunculaccis nuperrimo .IJM nltur

4628. CKPHAJLOTtS. *Lindl.*

(VVlpib \U\nti. bot. <>i>t. II. 265.)

4 I I OLLICULARIS Labill. — Wlprs. I. c. — Van Houtte, 11 d (%v< IIVIIM HI i >m

Ordo II. *DILLENACEAE. DC.*

(DI. Piodr. I. 07. — Wlprs. Repert bot sjst. I G3 II 74U V s

4746. *CAPELLIA. niuimt*

(Wlpis Repert. I. 6i)

) 4 . (') PAUCIFLORA Zoll. & MonUi, S>stem. Ver/eichn. der \ 11 /olhngrr am Java gesammflten Pflanzen. p. 35. — Tolus conaceis elliptn o oblongis, bast acutis remote serrulatis, senatuns denticulatis, apice abrupte et bievitei at urainatis, racemis Nubturminimalibus pauci (3—4)fluns glabris 2\ — I lores albi, niaguitudine *Caret nine Manyostanae* — Ciescit in sjlvis prope I-jikoya in insula Jaw.

4747. *rOLBtiRTU. Sahsb.*

(DC. Piodr. I 75. — Wlprs. Repeit. 1. 63.)

I (MINOR ZoHing. Flora (H. Z.) 1847. p. 639. — Tolns oho\ato elliptins glanduloso htrratis in serraturae sinubus umdentM ulatis, supra adpresse spaiseve et in instil utrmque dense senceis, peduntulis laterahhus unitlons fasuculatls, flouhus 5 g\ntu< hatcis ral^ce aucto arete inclus«s. 'D) — Avbor minoi, flores intense auiei, 11\ t *obovatae* 4 plo minores. — Cresut in insula Java.

4749/. **ACTINIDIt.** *Lindl.*

(LuiiU Intriul [edit 2] 430. — Endl Gen. pi. p 841 arin — Mcisn. Gen. pi. vascul. II. 339)

I ***ALLOSA** Lindl. 1. c. — Wall. Catal. no. 6654.

I \ (HINENSIS Planchon, Load, journ. of bot VI 303. adn. — Toliis lon^i pitiolitio suboibirulatis, tiansverse latioribus, apite tiunc.tto rttusis, nitrguu obsoldissimi wpando, dentes mmutos, tubereulifoiniis e\serentibus, supr<i glabns, subtus adpresse tano tomentosis, retitulo ner\orum subtus pioinmente , pediccllis pollicanbus, m idmulis lateidlibus folns cōronatis sparsis, stt^inatibus tirtiter 15 lineali spathulatis. \y — Iolia \% poll, longa, 2 poll, latd, petiolo evsdem subaequilon^o fleuoso sus tinsa — Crestit in China

4749. **DILUSXIt.** *Linn.*

(DC. Piodr. I. 75. — Wlprs. Ilepert. I. 63. II. 746)

1 *D. SPECIOS\ Thnbrg. — DC. 1. t. 76. — Wlprs. 1. c. I. 63. no. 1. — W^lit lion pi Ind. or. t. 823.

4753. **HIBBmiTIA.** *Andiws.*

(DC. Prodi I. 73. — Wlprs. Ilepert I 64 V 8)

I H. GLANDULOSA Sthlclitd. Lmnaea XX. 626. f — 1-oliii lineanbus >el lanreolato li neanbus, basi s>ensim attonuatis, apice acutiustulis, integeriimis, dorso contexts I itie LonttiMustuhs, undique cum ramis cdhcisque paitibus exterms pilis minutis albidis capitdlatis pubestentibus, aetate Lalvis, ilonbus ternnnalibus solitarns sessi hbus trig;) nib decandris.^— Irutex ramosus erettus. I) — Crescit in jNo\o Hollandu australi pi ope Bethaniam.* " ^ "*"

4758. **ACROTREJIA.** *W. Jack.*

(Wlprs UePERT. I. 05.)

1. *A. COSTATUM W. Jack. - WJpis. 1. t. no. 1. — VV.^tk. in M Clelland i .1 cutta joum. of nat. hist. IV. 217. \ *

4761. **DOiOCiRPLS.** *Soland.*

(DC. Piodr. I. 99. — Wlprs. UePERT. I. 63 II 746. V. 13.)

I I) IM IIFLOKUIJS Miquel, Liunaea XIV 432. j- — Ramulis, pedunculis pedicelltsqur ntLdiiio hirtelli&i folus ellipticis \cl oblongis attenuato obtubis, basi pleiunique acutis, obtu&e grobSiusLuIe scirato dentatis , hubtuneivns ct co^tulato \enusis, junionbus ulitus et in nervo metlto supia paice pilo&ulis, tito glabratis, pamculis teriuinahbus, palis coriaceis hirtello pu'iescentibus, mtrioiibus marline membiauaceis colora ^{11s} \) — I rescit in Brasilia.

4763. **DIYILLIL.**

(DC. Prodr. I. 69 - Wlprs.. Kepeit. I. 66. II. 746. V. 13)

1 D PILOS V Miquel, Lmnaea \IX. 131. ', — loins oblongis subcuspitlato atutis, <• basi lotuudala juxta petiolum fere totum decurrentibus, remotiuscule spinuloso dtu ticulatis, supra parce pilosis glabiescentibus et asperulis, subtus praesertim in nervis jKtiolo ramulisque setoso-butis, racemis axllanbus pauciflons, sepahs adpresst luitellis, evterms tnbus subrotundis, duobus inteuonbus oblongo ellipticis, pistillo uiuco, antherarum connecti\o tenui non producto. \) — Cresut in Sunn am.

4765. **TKTRACERA.** *Linn.*

(DC. Prodi. I. 67. — Wlpris. Repeit. I. 67. V. 14.)

1. f. ASPEHUL\ Miquel, Lmnaea\IX. 133. f — Iota verruculis minutissimis asperula **folus** late ellipticis, utunque lotundato obtusis, w\ in petiolum decurrentibus, m **legerrimis**, supra lae\iuscuhs, subtus distolonbus venulisque patulo ascendentibus, **utunque** 8—10 pronunulis pertensis, ngide coriaceis, racemo composito paniculato **densifloro**, 6epalis scabns cihatis, petalis 5 obovatis concavis subcrenulatis, flonbus °»imbus (in speLimunbus exammatis) mascuhs. \) — AfCnis *S. ovahfoliae* et *T. ro tundtfoiae* - Ciescit in Surinam.

Ordo III. MAGNOLIACEAE. DC.

(DC. Prodr. I. 77. — Wlprs. Repert. I. <». II. 710. V. II.)

TribuBl. MAGNOLIEJE., DC.

4735/!. BIRGEBIA. Sieb. et Zuccar.

(Abhandl. il. math. phys. Classe tier München. Akad. XIX. ex Floiq»[B. Z.] 1846 p. 430.)

Spatia cal) cina diph^lla decidua. Calyx triphjllus, plerumque lana-
tiis. Corolla 9—18-petala, petalis pluriseriatis patentibus lineari-ob-
lonnis. Stamina numerosa multiseriata, antheria linearibus mucronatis
marginalibus. Ovaria numerosa, in tori columna imbricato-spicata, ses-
silia, inter se libera, unilocularia, plerumque biovulata. Styli siibulati pa-
tentes, stigmatē papilloso decurrente. Capsulae in axi carnosō cum hoc
et inter se confluentes, abortu magnae ovariorum partis irregulariter
dispositae corticatae, demique in angulo centrali ab axi pro recipiendis
semiuibus solutae, plerumque dispermae. Semina ex angulo ceutrali
capsulae pendula. — Librum ipsum non vidi.

* 4735. TALARIUA. Juss.

Wlprs. Prodr. I. 81. — Wlprs. Repert. I. 09.)

1. *T. CANDOLLEI Blume. — Wlprs. 1. c. no. f*— Hook. Dot. Magaz. t. 4251.

4739. MICHELIA. L.

(DC. Prodr. I. 70. — Wlprs. Repert. I. 70.)

1. *M. NILACIICA Zenker. — Wlprs. 1. c. 81. no. 10. — Wght. Spicil. Neilglicn
(. 4. t. G. et Icon, plant, t. 938.

Tribus II. ILLICIEAE. DC.

4742. DROIYS. Forst.

(DC. Prodr. I. 77. — Wlprs. Repert. I. 72. V. 14.)

- I. D. COLOR ATA Rnoul, Choix de plantes de la Nouvelle Zélande pag. 24. — I oliv
oblongis vel ohovato-oblongis obtusis, subtus glaucis petiolatis; pedicellis 1—3 axil-
laribus, petiolum vix aequantibus; petalis oblongis obscure mucronulatis vel lanceo-
lato-oblongis obtusis glanduloso-punctulatis. t) — Arbor parvu, 2—3 metr. alta. Rami
cortice griseo vestiti, juniores epidermide colorata purpurea vestiti, lenticellisque
hinc et inde inspersis. Folia ovata vel elliptico-ovata, rarius obovata, 3—9 centi-
metv. longa, 2—4 lata, basi rotundata vel obtusa, breviter petiolata, apice obtusa
vel obscure emarginata, marginibus interdum undulata, supra nitida, subtus glauces-
centia vel potius lilacino-tincta, pennlnervia, nervo medio utrinque, sed praesertim
subtus prominente; petioli longiores vix centimetr. 1 longi teretes glaberrimi car-
nosuli. Flores axillares parvi albi solitarii gemini vel saepius terui, e tuberculo
minimo orti pedicellati; pedicelli petiolum vix aequantibus, erecti filiformes glaberrimi.
Calyx minimus patelliformis tripartitus, lobis inaequalibus patulis rotundatis carno-
sulis. Petala sex inaequalia, interiora longiora, elliptico-oblonga obtusa, in aesti-
vatione imbricata, dein reflexa giabra. Stamina in numero varia, interdum 9, trise-
viata, filamenta brevia plura carnosā glabra; antherae rotundatae biloculares, loculis

tiinsversis II01 i/ont ilibus liimtibiis. O\ nit duo, tin, tnro bitw in i(t M,SIIIU sub
Uo\ it 1, mutui piessione .in^uliU, glihi i, shgnnte jii)tillosu dipnssn, Atrtitt tt id
n9ulnni iitunum notata, umloi ulana plunovulata. (Hula anitinpi angulo mtuiio
basilicatum if(i\i liuttus* . . . Crescit in Psova Zetlandn

Ordo IV. ANONACEAE *Juss.*

(DC Prodr I S3 [e\ p] — M Iprs. Repeit bot. SAbt. I 73.11 747 \ 14)

*717. VARIA *Linn*

(DC ProfTr. I 87 — AMprs. Reput. I 76. V. 14)

1 IT f?)\OGELH\ >k7fil. Hooker Icon pplant IV. tab 7b7 — Standms ~~Jubulati~~
folus breviter petioiatu inguste oblon^is, bre>iter acunuuatis, bast le\it< i coinph
titi lorditis, mirgine (in s>itico) cnsputo obsolete repando integn&, supra mtidis,
Mibtusgluito rubescentibus, pedicellis a\illaribus (fruttifem in parte infenore denu
dati rimulorum) umtlons, folio 7 — 8 plu bicuniibus, ilonbus muiutis, r irpellis
paucis (abortu?) c>lm li i blonds mutronul\tis, bre\iss>me stipititis monosper
mis /)<* — Rimi llevu si d luuc uule inteidum semel in spirim torti, epidernude
nurescente, lenticellis a\bis crebns conspersa Folia 3 — 4 poll, longa, 1 — 1% poll
\ ita. Vlores diametro viv 2 hu. Cdl>^ lepindo tnlobus, lobis obtusis, sinubus li
ti^simis Petila b biseiata, aestivation? Aeiosimiliter an^uste imbncata, exteuoia
o ita, interior i o\ ito lmceoliti obtusa crassa glihi v Stamina Mibuni&emta defnit i
\ i\ ultra 12. ComitxtiMim uitlierarum filamentu subaequale, et, sicut ilhus apex,
rJandulib conspej>um &subquadiatum, loculi olilon^i margm<iles Carpell i 3^ — 4 ltn
lon^a m^ra Semen loculum ncte impK us, integumento caiiUa^ineo TibKiso m li
luuids 4 verticales id a\in semtnis fere <on|uiutis, it in plica* xonipJures ti m \ I
s iles paralklas, intia ilbumcn corneum pi o due to — Crescit in Africa tiopica secus
imuem Quorra

4723 A\O\A *Linn*

(Dt. Prodr. I S3. — Wlpr&. Reprtr I 86. II 746. V 15)

1 * V. P\LUSTMS *Linn.* — Wlprs 1. c I 87 no 15. — Hook. Bot Ma^az t 4220
! V [DUGUEUA?]LEVII)Or\Miq LmnaeaXIX 129 T- Hamulis,petiolis,folussuli
tus, pedunculis, sepalis petahsque extuslepidotis, foluslanteolatisacumindtis, basiaru
tis, tonaceis, supii mtidis, jumoubus pilis stellatis mspersts, peduntulis lateialibus
solitatus, basi pii\ts bi itteis, medio majori circulau mstiuctis, sepalis olatu> a< utis
prt ilisque spatul ito lam 11 I fisimtiisin^ \ \ H t is t mn nt His \) — < resnt in Suiinim

Ordo VI. MENISPERHACEAE *DC.*

(DC.Prodr.I.93.[e\l ISCHIZ\M)ULI^] — ^Iprs Kepert bot s^st I 93 II 743 V 17)

4687. COCC'ULIS *DC.*

(DC Prodi. I. 9b — \ Iprs. Repert I 93 V. 17.)

1 I CINEREUS *Zoll etMont/i System Verzeithn* dtr au(Ji\ a gesammelten Pflan
/en p 38 — Standens tenuitu tomentosus folus cordttis rotundato o\atis mte,perii
>MS, apice retusis mucionatis, coivmbib tnchotomis folio bre\iuibus, ilonbus be\ a
muis, sepalu. 0 albido Mrescentibus, etus> piluM^inu^, pttilis oppo&itis mastulis

~~petalis~~ 0 albidis linearibus truncatis latitudine antherarum, longitudine filamentorum; staminibus G; foemineis petalis lato-ovatis apice truncatis erosis; ovario tricocco, stigmatibus ternis apice bifidis; drupis baccatis 3 glabris. \)~ — In insula Java in fiuticetis prope Tikaya.

2. C. (?) MACHANTIUS Hook. fil. in Il<<k. Icon, plant, tab. 759. — Standens volubilis: ramis, petiolis foliisque SITUS marginem et nervos (supra) dense, in disco parce setosis, setis rigidis rufis; foliis longe petiolatis cordato-suborbiculari-tri-«quin- (juclobis, lobis infimis rotundatis, caeteris breviter et abrupte cuspidatis, nervis 7 •• petioli insertionem basi limbi subcontigua radiantibus; raremis extraaxillaribus spiri formibus pendulis sparsiQoris, masculis interdum ramosisMmis, bracteolis ad basin florum foemineorum subulatis setosis; pedicellis (sub athesi) subaequalibus, ad basin florum masculorum cadudssimis. i^'» — Caules longissimi, vulnerati suctium mox brun- nescentem fundentes, extremi herbacei glaucescentes, setis subulatis aridis in sicco innocuis, inaequalibus, patentibus hispidi. Petioli saepe basi torti teretes sulcati 0 — 8-pollicares. Lamina folii 3 — 4% poll, longa, 4 — 6 poll, lata, levissime pel- tatim affixa membranacea, inter nervos reticulato-venosa, setis secus nervos praeser- tim supra longis, illis petiolorum brevioribus et adpressissimLs. Hacem florum foe- mineorum e latere et infra insertionem folii dependentes, %|mplices vel basi fureat| glabri 2 — 4-pollcaies tenucs, bracteolis peraisentibus sub^nlclllato-setosis ornat. Floras juniores subses&iles, demum breviter pedicellati, floribus masculis fere duplo mlnoreb, glaberrimi et lutescente-albi. — Crescit in insula Fernando Po, juxta Clareose Peak.
3. * C. PLUKENETH DC. — Wlprs. 1. c. I. 94. uo. 17. - Wght. Icon, plant, tab. 85M.

4694. STEPHANIA Lour.

(Wlprs. Repert. I. 9G.)

- I. •ST. (CLYPEA) HERNANDIFOLIA Wght. & Arn. — Wlprs. 1. c. 96. no. 9. — Wght. Spicilg. NeUgherr. I. 5. t. 7. & Icon. pi. Ind. or. t. 939.

4695. CISSAJIPIXOS Linn.

(DC. Prodr. I. 100. — Wlprs. I. 90. II. 749. V. 17.)

1. C. CLEMATIDEA Prsl., Botan. Bemerkungen pag. 7. — Folils peltatis cordatis oMu- sis mucronulatis, utrinque glabris; racemis femineis bracteatis, folium aequantibus; bracteis cordato-subrotundis glabris. p* — *Cissampelos Pareira* Sieb. — Crescit in Martlnlca insula.

4700. AKEBIA Dene.

(Wlprs. Repert. I. 98.)

1. *A. QUINATA Dene.— Wlprs. 1. c. no. 1. — Lindl. Bot.Regist. 1847. t. 28.

4700/r HOIXBOLLIA Wall.

(Wlprs. Repert. I. 99.)

1. *H. LATIFOLIA Wall. — Lindl. Bot. Regist. 1846. t. 49. — (Wlprs. 1. c. no. 1.) *Stauntonia latifolia* Wall. Catal. no. 4950.

Ordo VII. BERBERIDEAE Vent.

(Ul)rs H«prt I 100 11.749 V 18 — DC. Prodr. I IOJ & 111)

4810. LEONTICE Linn.

(DC. Prodr. I. 109. — Wlprs. Repert. I. 100.)

- 1 L (*Leontopetalum*) EVERSMANNI Bnge. Arbnt ds. naturf. Verelncs in Riga I 131 — Virnlis foil s biternatim sectis, segmentis lateralibus oblongis, niedus obovato cunea tis hi tripartite, lacimis oblongis integeinmis bi tnfidisve, racemis terminali axilla nbusque simplicibus, bracteis foliaceis pedicello prof untie sulcato hexacjuetro mul totiesbrevionbus, ovarlo bi—tnovulato, fructu obovato, apite truncato, antematun titem rupto monospermđ. 2j. — Crescrt locls arenosis Jaman kisil kum <tBatkak-kuni.

4811. EPIMEDIOI Linn.

(DC. Prodr. I. 110. — Wlprs. Repert. I. 100. V. 18.)

- 1 *E. PINNATUM Fischli — DC I c. no. 2. — Morr. Ann. de la sou d liortit de Laud It 139. t. Gl.

4814. BEHBERIS Linn.

(DC. Prodr. I. 105 et 108 — Wlprs. Repert. I 101. II 749 V. 19)

Sectio I BERBERIS DC Prodr I 105

- I *II IICIFOLIA Forst___DC I. c. 107. no. 15. —Hook, fil Antaict voy. of leiiioi and Erebus '230. t 8C—Van Houtte, fl. d Gwch&hsr III t. 291.—Hook Bot.Maga/ 1 4308 —Hombr. et Jaqmn. Voy. au Pol Sud. (Hot. phaner.'die.) t. 20. —*B laqenarta* Poir. Diet. VIII. G19
2. *B BUXIFOLIA Lam.—DC. I. c. 107. no. 23.—Hombr et Jacquln, Voy. au Pol Slid (Bot.phan. die.) t.211.— Hook. fil. 1. c 231.— *B microphylla* Foist.Comment IX. 29.— *B. dulcis* Sweet. — (Repeit. I. 103. no. 22. V. 19. — *B. thermis* Pers. — DC. I c 107.
3. B INTEGERRIMA Bnge. Arbeitn des naturf. Vereines in Riga. I. 129 f — Spinik (infimis tnfidis) simplitibus validis, folus obovato oblongis conaceis mucionatis in tegernmis glabris reticulato venosis, lecemis axillanbus solitarns simplicibus multi ilous subsessihbus, folio duplo longionbus patulis cernuisve, baccis oblongo obova tis, sttgraate subsessili, semmibus oblongis. \) — Crescit in rip is uligmosis ad fluvium Sarafichan supenorem in montibus Karatau.
4. B. NUMMULARIABnge. I. c. 130. f — Spinis simplicibus validis, folus obovato sub orbiculatis subconaceis mucronatis Integernmis glabris reticulato venosis, lacemie axillaribus solitariis simplicibus multiflons pedunculatis , folio plus duplo longionbus patentissimis, baccis ovato-subglobosis, stigmatē subses&ili, semimbus obovatis |p — Crescit (rarius) simul cum praecedente.
- 1> B. BRACHYBOTRYS Edgwrth. Transact. of the Linn sou XX. 29. —Spinii tnpai titis, folus obovatis spinoso serratis, pamcuhs folus bievionbus, baccis subcyhn dncis rubris. \) — Frutex humilis 2—3pedalis, ramis \irgatis, epinae tnpartitae, fohis duplo breviores Folia fa&ciculata sessiha cuneato obovata spinoso serrata vel tanus submtegra. Pamculae racemiformes erectae confertitorae, foliis breviores ramulis bricteatis triflons, bracteae lanceolatae acuminatae, florales pedicello Ion giores. Sepala et petala rotundata. Bacca subc>lindnca, stylo bievis&imo suporati rubra — Afhms *B. Kunavoureniti* Royle, diffeit pamcuhs brevionbus. — Crefctit in Himala ad alt 9—12000 ped.

- fi R MULTILORV llnth IMant Hutw? p 124 no <W — Spims 3 piititu f>his
its < ill Lfis obo\ it I hlon_nit mt(nf rmi& \ liinc mile ranter ilt ntatis subtoncolonbus
p inn ulibmetisII nl) imlis p\i imulitafolioloiijionbus t> — Trutt \,nlilieirimus <i—S,
pe 1 ilis H imuli novelli an^ulati, demum subtert t<s, fl >nft n uti In ifluuhus bioissimi
s / i unis (stipuli*) < lit < A Spin i f^r<* mnust palmatim o partitae, rinus tripaititu
I li i \ ilil in i | i ih i, pit i ique X — J |> »Hic u 11 in raiuib t imen vegetationbus 4— b
I II l<n>di Sdepius an_niibt(obloiu, 1> isi lm_oiusuil inftustiti olitusi v murrniti
imr_niif iaिता_ninui Mihncurw) di utihus spinext t titihui rarib A nullis I*amculi
II inljund ie lon_eiusculti pedunculi itit*, solituae \ p< luuculo b isi nmoso 2—3 m
ic<|uikb plennqm _o—0 p>llitires li v jurwnuldto i imowte, m ramife xt_ei tionbus
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s t in folunibn nidiitibus S uitia, o et Siraguiu
{ LOVI \ SIS Until I < p 123 no 70< — Spinis, 3—5 partitis, folus fastiaiUtiH
Mounts mt _o>nimis v him indt Tanti d ntitis suh< OIK oloubus, i ic< mis p uncu
I t> I im >sis (er<*(tcs 0 f >liolonjioulius b — 1 oliorum Tu ma fei e i? ruidifohae IlumI*
x t kuutli licntis tam< n i uisbimi m vr_ot utiU_Biiii us tcifete suliuudul itus Uatt mi
b<n> r i im >si floies jnuiores quam in B multiflora ^ \ D vulyun* paullo roajo
HN hpiUui d uida — Cil&cit in Columbia »ILL< \ > m %
It <L<L>JOSV llnth 1 i pp lis no 87> — Spuustititititissyllis oblongs mutiona
hs intt ^nimiis ban lon_ne m_nD_nitatis, r p pedici His fi-u ulitib wnQous quam fo_i i sub
liuvioibus b u us ^lobosis ty — Iiutt\(> — 8 ucdalu, iMai_i m_oio fuscii folia n_oi
iWfisutulita p llinav paullo lon_ni>r>, 3—4 hn lata, supenoia et interim i
niinora, omin i iiteg< rrima nutroni* v spmuli t< mini ib bn \ i v inttdrum obsolto
i'tdicdliu—7 hn lon_ni lions quam In B vuljan paullo mijoics Sepala <,
ht< o tta obtusa <*,Jandul >sa, brictea unici I im tol ita sullult i VetaUS, stpi
lis \ \ loii_ouri lis si^bsiuiUtt sed com a\Ion c i ^b> bi^landulo&a Stamuub.
J{v<ti^hl st m i_niutudlne plbl mtnons Stinma 2—3 — In \ndibus Bogota alt
10 000 il 10 >00 icil
It < ONOrSHFLOUA (>u 1 lor i (hileiu I 71 t 3 r — Spmis fuliatLis 1 itisiinus
I UthiH plurulntitis subinipl< \icaulibub denussis folus petiolitis aut subsessiltbus
i tunilntis tmir_nfiiitih spinos > duitatis quandnque m< ronatis magis mmusve d< rt
litts tut mte^ils, Uorihus unumatis m cor^mbum d usiustulum iprovmitis folu>
I n_nionbus t) — Ciesc.it hi pr >vuiLia chilensi Valdivia inter Villanca et Guan<_iie
10 J I-LUUX (ji> I nt SO — It imis t< retibusfleKuosis, spin& tnpuitis foitibbimis
LOHIUS folu lequnntibus, f>hib bes>hibbus toiuctis integns tut anguUto dentatis
miuromtib letituhtis bast ittnuatis subtus fulvib aut ferru_oiii0MS, ratemis nutan
tibus, bicus p)nfoimtbus bisi attenuatib t)
v IT U loins numtioMb inte_oris aut rarissime smuosis, subtus obscuro ferruginus
vu |? Polus spaiitib, buttus (la\esciitihub et saepissime au_euloso dcentitib denti
bus muLronatib \) — trescit in Chili ad S in Jago
U B OIFFUSA (jiy 1. ut r — Himib terctibus ^libns, bpiins tnpirtitis folus petio
litis subroriattis ovahbus m_oul ito dent itis mucromtis nitidis subtus feiru_oineis
J cent longis I^latis, floubus numerosis in racemis nutintibus dispositis, folu
u qu intibuM aut us Ion_oioribus \) — Crebtit in Chili ad San J >B0
12 B Bit U \ ABO IKY V Ga> 1 t 81 , — Ramij, ttretibus r imosis ^hbns unereis, spi
nis tnpuititis loins divintatis amtis, f>lio aequahhus aut longiortbus, folus corn
<m ri, uhs ov ito lanceolatis serrato dentatis mucronatis nitidis &abu& ferru_oiiJeic!
ul b ism ittenuatis subpetiolatis 2 cent longis, % 1 itis, flonbus p IUCIS in rai c
mis brevibus nutantihubque dispositis — Crescit in Chili
13 B HORRIDA Gi> 1 cit 84 7—Spinis fohaceis basi latissimis supenonbus 3
Inrenoribus 1 — 10 partitis nur_plms rt\ >lutis, fohis o\atis aut ov ito rotundis sub
petiolatis int mis reticubto teno&is coriiceib spmo&o dftititib, peduiituh (t—10 um
lions ranssim^ bilious subternms folio atquahbus, btinumbus ippenditulatis t) —
Crescit in Cluli

- I J, t; <):l>|* \ I ay l. cit. 80. •;—8plrtl« merabranateis scminffliilcicaulil (us multi pn-
tilla; foliis subrotundis crispis spinosob-dentatis (c. ti<il.<(is ; fUtthUll) —S fastigiatis ;
|icdtuictiU* fufllwura longitinliiP; IUmlnilius appendiculaUa, /]— l'ivsi:it vulgafu in
re :ni CWleasb provinces Vatpaval so, San Fernando, Santlago, lortvato rilibiit.
fi. C. MATIGINATA (Gay), cit. 88. • —S|tini>. tri- ;iul phmparriii* rmirmsntis luaeqitfillbax,
fni«> lirevlnrihus •, foliis oboratte imir^tiwris membrtiacels nthtut pftlltdta, biul In
peltiium niigiKtiitlit, illi.s luff^t'rriiuis. aliifs augulatu splnora dentatI*, dentlfana ft —7
peltis caliidihj jifiluucUtS \:iliis UHITi** . /] — I result in CMU pTOVfocia \.; dvia,
III. It. 'MUMANA Uuv I. cft. IWL •;—Svva inil iuulls uut 1—3 |<:irti(is, lobll puUmt)
IUK • i, loluii will tri jilti lirt'i iorihus; fullis membrsnaeets LLiln-rrimis nv.iin
1,ij|f<>lits .mt hii. coalafis integris obtusis, q:i:|i<lm|iii' niJ<T<>ii.it>), peducultt Diilloris
foliis brevlurfbub. t> — («•••* it in CUili jirorlncta Colvhigua.

Scotio. II MAHONIA Nutt. (DC. Prodr. I. 108.)

- IT. R. Tltt'OLIULATA Morir. l>t. HUVV. mi rwfts d'Amer. 113. t. 81. — 8pluis nullis,
fuii.s trifid>ll)iatls, rnluliH siruiilo-ileiLMLis s>iii(is[is : |>edmiLitLi ernctls racemosis pau-
t'lluris, b — Crffiel in lii-imMca UexicAtia ml<<[l.ni>iln el lii-jur.
is. it, EHKENitEltUfl Kittf. Liimnea XX. 45. — KoOolto 7— 15 i^n.uli div.i<en-
tibiU sult>essillms uvntts |il.inis <.1>ftsU cinn Duterom*, basi rotundsta emiculis
mar-jijitits iii|>errimis, in :;niis Militus i'iniivsinic n'liinljifim eJevuto renoab. Jugia
Infriitriilius ifiini.s; r<*em.is f<i<|m>lrts !:i.is cernuil, Min liin^tiiriLu^; jic.i cellis
Rnc brerluribU i>racetis, bracte la lancaotto-iinbulattej Kpalin |patulis albis, prta-
ly mitiulis (Davis), filamentis reflexe - i.iil.-iit.ids. t. — E. tUinita (J. Hook, rt Am.—
E. Uunits: \, \ ReglNt t. 1900 (nxc). SJH. l'isl.) — Cresdt in Mexl<< iu r< glone
temperata.
D< 11. hORTD.M Linill. Juun. of tU^ liuttic. soc. I. "J31. tuln. e(300. (c. ii'.) — 01 ab-
roma iimviri'li.s, fmiis pimiatis 3 — 4-jugis cum^m|uuL FoUolbl lit carl lanceolatis
dlsbuitet ,s|iiii(i.sii serroUi tunithtrimln rAcemo \>nicat ml collito hn-viuri-, ramis
latemllbui patulia densiU«r!». ^— Crescil in *hna septentr nuuli.

Icones addendae.

- It. EMPETTtFOLIA Lsm.— U.uulir. t* Jsequilnot, Voj. Al Pol Sud fBot.jitiim. Jlco(.) 1. 20.
n i Nil; MIS D, is. —Hombr. el Jmequio. 1. c. t. 21.
II. LKSCHEs Ul.TII U-.ill.-<(Repert.1.103. n». 33. .1 Kmcn.l.) W^lit. SpidLNn fgherr.
I. 7. L s. it li mi, p|. t. mg.
III. TIUFOU.VTA Hartw. — (Wlprs. I. c. V. 19.)— Vao Jluuit-, Fl. thr. CwdwliM.
I. t. 3UT.

Ordo IX. MELUMBOSEAE Sort/.

[W l>is. Hi'ji<it. QOt ^,sl. I. 19\$. V. '20.)

5026. XKLVI finill ./,m.

0)r. Prodr. I. III — Wlpre. Bqiert t. l>i. V. a)J)

- I. N. C \M'H Mi.-, |i. — MJiirs. I. c. V, JO. no. h — Vwi Houtt*, Flora, dr. GwcluJ
Hi. i. Jte, 36f.

Ordo X. NYMPHAEACEAE *Saliab.*

fDC. Prvilr. 1. 114. — wipr*. Report.)»..t. MM. r. E6. II. 749. V. 2t

&019. * ICTORIA *Sr/to nhrgrk.*

f\ |pn. i{"b>?ri. L (06.)

I. »V. KEGIA. Scliomtiryk.— Report L MW. — Vm Bouate, Fl. |. Utvclisber. III. I. 300-308, — H«f.k. i: t. Mag. r. 4275. 4276. •«", -liiTS."

f. Tfyüw Glay. Mag. of. Zool. ami hot. II. 440.

^<jüil/üüa Vie•• iii Siliunhrgrk. n.w.

Eurytte Jiuuinniu E'OApp.

— QwlaM il'Orbigny.

5020. BTVUPUAEA .W.A.

(DC. I'rod. V. 114. — Wlpw. Repect, L 1(W. h. 749. V. tri.)

\, • >. DXN1 WA Rchiim. >i rtmn. — Wlj.o. I. .- I I.: no. UK — Huuk, Bot. Mii^i/, tab. J'ST. —

I. N. IOynmioi] I' l' M T U V K] with. Transact. of the Linn. soc. XX. 21. — Foliis hijli-'.i.üin •uburhii ul'is sinuato-dentatis glabris, subtus punctatis, bul blllobif, lobii approximatis; stigmatibus 2. — Folia satantia purpurascens. Sfupuji ml apicem hispidulus. Calyx glabrescens. Petala oblongo-lanceolata n'ui.1 r.M-niJi'v cr>U» 3—S-|'*)!!<.n.i. Mauilii* b«l diUUU, jpirf in »j>|/tj4irrin ohjtmsam foda c«»m »upr» «»iu.i at productis. Stigmata circiter 2. — Difert ab omnibus ejusdem sectionis foliis p' nftatl*. — i' rracit in stagis provinciae Sirhind, Sindh ita.

2. N. [Lobis] -', i! i'ATA E ittwrtb. I. d(, — Folii i' alpelatis integris ovato-acutatis, sub I«J iudm' centibus impunctatis; antheris exterioribus breviter appendiculatis. — jtcapua ail' apik«»m j(ubr»ccn». (M-I.II* <> oblongo-lanceolata situa 1—1½ pollicar; i*» — AfflitK Wnc Pi. tellutue, illntc N, eduii, — < resell in ^^!_II;^ [iniviuinc Mrl.Ind, AmbtUa.

GO23. S\I1H\< tM V *Linn.*

(«pf. SjtSt ve«et. II. ti(W. — U'l'.rs. EtepCIt. I. 108. V. 20.)

1. • 8, PUBPUREA Llim. — Wlprs. 1. c. I. 10H. DO. I. V. 20. DO. J. — Paradis, Vin Motion. ft*c. 7, (e. Ic.)

Ordo XL PAPATERACEAE *Just.*

(Wlprt. tUpcat. bot h>dt. L 109. II. 730. V. SO.— PAPAVERACEAE et FUMIACEAS

DC. D>r«<lr. 1. 117. «f IV.]

Siiliord. I. P.ril'yf'f^KJIJB/CB i;mil.

4822/1. ARCTOMECON *Torr. et Fremond.*

(Torr. et Fremond, Descript. «r xmi.' ntw g«n. tad spec, of pi. 1.3 ex Duchatne. Revue bot. II. 52.)

Calycis sepala tria **imbricata cadaca**. Petala 4 ohovata re»n!nr!a. Stamina iiiuimrosa, antluirae **obloBgQ-UnearM** toDgitudinoliter dahi«c«nte». Ovarium obovatum **eoafSdia** 6 oonflstam, **placentae sex intervalvol** area. Styli iulli, stijintitta **IncapUnlomsessile bemispbaericain sexangulntn pi' cnitif** oppositmu coalita. **Captola** ovuitlca, **plac«utac subfilifonw**is, apico

valvulis sex dehiscens a placentis persistentibus separatis, Seniina oblonga fitrophiolata nitida. — Herba Californica, radice perenni lignosa: foliis numerosis, plurimis versus radicem coarctatis flabelliformibus cuneatis, griseo-pilosissimis, apicem versus barbellatis 3—5-lobis, lobis 2—3-dentatis mucronatis; caule scapiformi pedali, medium versus 1—2-phylo, foliolis parvis bracteiformibus; floribus laxè paniculatis v. subumbellatis, pedunculis elongatis erectis; petalis pollicaribus badiis.

1. • A. CALIFORKICUM Torr. et Frémnd. 1. c. 2J. — Crescit in California.

4823. PAPAVER *Tournef.*

(Elkan in Wlprs. Repert. bot. syst. I. 110. II. 750.)

1. P. VILLOSUM [*Rhoedes* Bernh.] C. Koch, Linnaea XIX. pug. 49. — Villosum ex pedunculis btrigosum: caulis 3-pedalis debilis, superne pauciramosus; folia radicalia longissime petiolata oblonga inciso-dentata aut ex inferiori parte pinnatifida, caulina inferiora sessilia aut amplexicaulia, oblonga aut oblongo-cordata, 5—8-pollicaria, suprema bracteiformia Integra; pedunculi elongati, saepe superne glabri; capsula glabra glaucescens clavato-obovata; discus stigmatigerus florenti statu pyramidatus, denique plano-declivis, ex medio elevatus; stigmata sub-septem. 0 — Crescit in Asia minor! septentrionali.

4825. ROEMKRIA *Mcdik.*

(DC. Prodr. I. 122. — Wlprs. Repert. I. 115.)

1. R. ScniIMPERI Presl, Bot. Bemerk. pag. 8. — Caule nervisque primariis foliorum hirsuto; foliis profunde pinnatifidis, laciniis ovatis obtusis inciso-dentatis dentibusque ciliatis setoso-apiculatis; petiolis alatis; capsula erecta lineari quadrivalvi, undique setosa. 0 — Crescit in locis umbrosis ad radices montis Sinai.
2. R. RHOEADIFLORA Boiss. Diagn. pi. nov. orient. VI. 7. f — Annuæ, magis minusve secus caules et petiolos hispida: foliis pinnatipartitis parce subtug secus rachin setosis, partitionibus oblongis lobatis partitisve, lobis oblongis setula terminatis, calycis sepalis ovatis cucullatis deciduis tuberculato-setosis; petalis maximis obtusissimis purpureo-lateritiis, basi nigro-maculatis; siliquis pedunculo adpresse hirsuto erecto brevioribus glaberrimis, superne attenuates 4-valvibus, apice inter lobos stigmatis 4 cornibus planiusculis incurvis stigmata aequantibus munitis. 0 — Affinis *R. hybridæ, orientali et refractæ*. — Crescit prope Schiraf et Ispahan.

4826. GLAUCII^r *Tournef.*

(DC. Prodr. I. 1*2. — Wlprs. Repert. I. 115.)

1. GL. AUREUM C. Koch, Linnaea XIX. 49. — Caulis hirsuto-pilosus, ex basi ramosus pedalis; folia ex ambitu linearia, radicalia angustiora, in petiolum angustata pinnatifida, caulina sessilia latiora, suprema oblonga serrato-incisa, omnia hirsuto-scabra j flores mediocres aurei; pistillum albo-lanatum; stigmatibus declivibus luteis; siliquarum pili tuberculis insidentes simplices adpressi aut obliqui. © — Crescit in Asia minori septentrionali.

4831. HECOXELLA *Null.*

(Wlprs. Repert. bot. syst. I. 117.)

1. M. CALIFORNICA Torr. et Frémnd, Botan. Zeitung 1847. p. 40. — Foliis obovato-M'athulatis; staminibus 11—12. © — Crescit in California.

Subord. II. WJMAJBLKA.CMAM findl.

4833. HYPJECOUItt *Tournef.*

(DC. Prodr. I. 123. — Wlprs. Repert. I. 117. II. 750.)

1. n. TETRAGONUM Bertoloni, Novi commentar. acad. Bonon. V. 422. — Foliorum firmulis filiformibus; lomentis tetragonis, rostratis, pendiilis. 2J. — Radix fusiformis,

potius gracilis. Caulis ex ca. I'm rLiff nlures, terutSd i«cewUeiit« tAmV, res pal
w^r«> r. K[iihniiklus. 1 >jt l>|iimiata, .sujityma pintuita, pinnulla uranibm >
nos, fmgurenils, uutlti, raditalia pectol&la, eaulim pnuca, remolit si*ssilia. I I t r e
kuliirrii t. iimn ,I. . |uti |, — hometum fevage mm rnstr.itum peuduluBh T. 'U plant*
glabro. Biibglaceiis. — Cre*elt •" Eujilir.-iim OMVIUIH.

4836. DICEWTKA *flmh*

(Wjofc. J1^rt. bot ayst i IK. — *Dicylra* DC. l'n.dr. 1. 193)

1. Mt. i[Mi i.vii; \ DC. I. e. 136. . . . BJ SPEfTAlIII.IS Bmbrdl. — Vwi Boutte, I I
il.-I (. . a tub I. III, t. U < .

+H39. COBVDU.IS yjr,

(DC. Prodi. I. Iffl. — <lpr>. Iti'i>tirt. bot. *)*(. 1- US. U. T>. v. ->3)

1. « IftynriW] I'.U (II LOB v Bdgwrllt. Trmwot. of tin- Linn. s«c. XX. 3«. — <caulo
rMjoJmnlui rotJfl ini.rn.iis, [*,]i>lin obpvaU:* tnl grls obtusis nmtiunuUti*, r*!<>>
!<> rufu; <ij;iri eh>Ufato otrtosn. 2A. — INTK.I i^lin-iTinta, vi.\ erecta, 3—5 m
riali*. RtdiX...? (illiliN simjtrX vM|iiiini, itil> Uiluli.Un. •lini <acomo uno, vive fat*
Mik <iu.il>uis i HIM inliK Uil>UA| foliii iiii*Ti'»rii II>|<>>> <i> l>uata, superba alterna
lateralis, segmentis primariis longe petiolis. B*, Follults .,f*v>!<> .:
..l>ula macton> JPK, l.i.ti- vic.nui.
claus vaxas integras il.-nfirir! faera scutae, pedicel . . . Hit II lir-i ; Pedicellus
(rii. . . . Mis. 8<(1 iiu mum. Pvtiil I consistencia par-
parascencia. Cakar 0—7 HneM Innjum. [trdiicltn |<injrlu<|; ^yntifmuti calcar ad 6
tit f> lere idi HI pnulut'tum. Niliiu^ i*viiU, in iUluin |iersiKtrnlem attraiuta. — \nlt
affinis C. *lmylflora*, illili'il i jli.-iriiniji tuvvii.rllius uhtu . . . et caule equanato. —
Crescit in sylvis tiumlitis Hni.il.Li., jirt. nt-tl. :KIJ>I STHM).
1. C. I'-AIII LliAl \ I') . . . kvrelli. t. rit. — Lreeli : cault* taxunco e(quunac> ; folia pinnu-
na> (i^ ii.liulis II belliditilbm .I HIM., nevlii caiferttlteirU; calcari I t r e v i ; aliqoz
oblonga. Alzho longo persistente. — Herba uni—hipobalis glabra. Caulis erectus.
Folia r. i*^n, rotuallst riti.ii-HI iis DU^IH nuinM.- tlnuaUfii Rac«mt «Allares termina-
lesque, i.iims MI)H'Imilmh *f(ilutoi |i.itiiicil;iii| furniintthus. 1 !: conferti. Pe-
dicelli breves, brnet«n huhulut<t tthlon glora. Spjuila (non vahlr cadotra) semina
pittata scarloaa hiiniiti. i il.-i. . . . I', t. l, l luti-it, BXUaora s>yA> . . . |ialeuli; i, dt>rho
stata, crHla irifftra mjeruata, inltrfora oblofiga, bul httettuala, upire raluuj
rmnr>iu>l<t, latere. »ujirrii.tr Imvilir alato. t .ilcjr Etreve, pedicello iiv l.u. . . .
nyinmiitin calcar bleYd im-uivum. SUNjii. i ovata Ut intlii.i. in sImurn persistentem
attiliuatit |Mil*«>erniii j Mfillia ni;r>» l>erba, ca uini-ir, i pgrva hinunt tantun legute. —
Af(ini> CcrttifoUac Jacquemonti — Cnevtt in glantoda Bhaalu, alt. \>vA.!)_ (0,300.
2. i . | fi(i(iuillr>l RUFESTRIS Rotschjr DIU> U Itin?>. Dlpn pi. i ov. uri-i. VI.
8. < — i; , iiiiTriiti. i: rbUosu U otawo u i^iiluih; iquamli entsnts pefloton
rum rt-lii(uits deitM¹ fottto . f J* * petiflo lias! rHittato litn^n su(Tulti>. archita oblon-
gin cimtWB liliimatiKci'ti^, ugmentispfltolttlallf ofatifi, ladolif IUIM lla oborata ab-
tusis) rat'onm breviln pedunculate, folia vta .ti-ju>int<*> mullitlnio deaan pi longo, pe-
dicellis strictis lion¹ (imilit ijri-vioriuus, hasi brtctaa aembftuacea anguste li'Hjiri-
PUCullati Ha [fiul.j itri'vimi Mitl'u]iia, M-ii, i]is riimitisMiiHs t! liasi ovm. l neumin
c«ralla ll<j, tuK-urll brvtaatna weelfimol) altqua oblonga eomineswi, styJU
(inul'i licevtoM •Bgmtwpp locurvo tenatnaU; seaiiDtbui ml Mis niyris runlfinnJ
caruncula . . . inilai. i. 2]. — Aflois C, *tichrutnicue* el urui't. ah TN rhlxwnstt! i i •
filiurum Uciattt niitit'i-niniLs capjulaqaa htlssiaui eilmk iliircit. — Ctetel In fl
lit ruplum regiovw ilttopini moodR Kuli-Ui-lu peniiae,
- A. C. DK1HIJS Ktmvrtli. I. di. — Foltk S—i'iiunMimCtin legtnenQa i inn-utis tril
tis rotundato-obtusis mucronulatis, petiuln ragiuuute | rnceoib loitgis; bracteb trl
talia pedicello duplo longioribus; CwCWi Inii^ii uiiiLiN'i; silhjtis oliWflto-oblui
styo persistentL. 2] — i; . ilira. caalte ticiilis nunoma. Folia altanu i__3 ;
taecta yUuc*, [n-tiolu. JI.I iqcsibnuuces ragiimtbn ngaestb caMatb in] obli

rotundato obtusis mucronulatis. Racemi axillares terminalesque multiflori. Bractee foliaceae cuneatae indentatae, supremae lanceolatae acutae, pedicello duplo longiores. Sepala minima scanosa caduca lactoso dentata. Petala lutea, extensa dorso crisata, lateralia unguiculata. Calcar petalis longius, sinuatis raris ista dimidio brevius. Stigma 4 lobatum Stylus filiformis persistens. Si-liqua obovato-oblonga, apice truncata, basi attenuata. — Affinis *C. vaginanti*, *filiformi* etc. — In Himalayae montibus.

4844. FIMARIA *Brnfadi*.

(Parlatore in *W. Ipr.* It. pert. V. 2G. — [DC. Prodi. I. 130] — *W. Ipr.* Repert. I. 122. II. 750)

1. F. ROSTELLATA Knaf, *Flora* (B. Z.) 1846. pag. 290. — Sepalis subrotundis ovatisve repente breviter acuminatis, denticulatis, corollam dimidiim subaequantibus eaque lationibus, petalis superiore et inferiore apice in rostellula longiuscula recunata terminatis, lateralibus apice lobatis marguatis, emargurata in medio denticulo brevi instructa, siliculis tuberculato rugulosis subglobosis, verticaliter sublacionibus, apice obtusis aut brevissime apiculatis ibidemque, peruarpio remoto, utrinque foveola oblonga instructa, ad suturim circumcurva subcompressis leviterque marguatis, bracteis pedicello fructifero brevionibus, foliorum laevius lanceolatisoblongisque — Crescit in agnis herbidis, praecipue *Solano tuberoso* et *Brasuca oleracea* cultis in Bohemia.
2. F. YAILLANTII Lois. — Knaf 1. c. 292. — Petala superiora et inferiora apice obtusala, lateralalia apice coarctata emargurata, emargurata in medio denticulo brevi obtusiusculo instructa, siliculae tuberculato rugulose subglobosae, aequae latae ac longae, apice obtusae ibidemque, peritarpio remoto, utrinque foveola rotunda instructae, ad suturam circumcurva subcompressae levitissime marguatae.
 - var. *C. gracillima* Knaf, *Flora* (B. Z.) XIX. 292.: cauliculis gracilibus, foliis tenuioribus, racemis paucifloris, floribus minoribus.
 - var. *f. ochroleuca* Knaf 1. c. canis petalae superioris et inferioris viridibus, ipsius petalorum lateralium atro-purpureis, partibus alaeformibus petali superioris raro roseis, plerumque ochroleucis, ceterum tota corolla ochroleuca. — Crescunt ista in montibus hortorum, haec in collibus Bohemiae.

Ordo XI*. RESEDACEAE DC.

(Pntzel in *W. Ipr.* Repert. bot. sist. II. 751. V. 33)

5011. RESEDA *Linn.*

(Pntzel in *W. Ipr.* Repert. II. 757)

R BRACTEATA Boiss *Diagn. pi. or. nov.* VI p. 22. — Annua, tota breviter pilulosa sra- bnda caulibus ascendentibus pumilis a basi ramosis angulatis, foliolis petiolatis, inferioribus oblongis indivisis, caeteris superioribus anguste lanceolatis, margine undulatis, basi secus petiolum decurrentibus, spicis densis elongatis angustis cylindricis, floribus subsessilibus parvis, bracteis glabris subulato setaceis brevioribus, in parte inferiore spicae flores non aequantibus, in superiore alabastra longe superantibus exsertis comosis, callus sexpartiti sepalis glabris oblongis margine scanosis, petalis 6 albidis calycem vix superantibus, superioribus ad medium truncatis multifidis, laciniis linearibus, inferioribus integris linearibus, nectario obsoleto papillan, ovano glabro, stigmatibus tribus, capsula parva ovata trigona insulca, basi apiceque subangustata glabruscula obsolete tridentata. Q — Crescit in Persia austrah prope Daleclum et Kaseroun.

i SPECIES INDESCRIPTAE.

- It DREGEANA Prsl Rot Bmrkgn p. ft. — PTom. bonae spei.
 R. MICROPHYLLA Prsl. 1. c. — Promont. bonae spel.
 It S(HIMPFRID Prsl 1 c. — Arabia.
 It. MUKICMA Prbl, 1. c. — Arabia.

Ordo XII. CRUCIFERAE *Adam.*

(DC. Prodr. \ 131. — Wlprs Reprtr bot syst I. 123. II. 755. V. 31)

Subordo I. *PMtBUMOMHIZJEA* DC.Tribus I. *ARABIDEAEDC.*4845. *MATTHIOLA* *It Br.*

(DC. Prodr. I. 132. — Wlprs. Repert.

1. *M. (JAiperXa) OVATIFOLIA* Boiss Diagn.pl. nov. orient. VI. 11 — Perenns. caulibus erectis parce ramobib subanguUtis, praeter ptlos stellitos crlspos raros sparsim et brevitr papilloso glandulosis, fohis radicalibus caulimsqui* breviter petiolatis ovatis grosse dentatis sinuatisve, ran us submtcgris, obtusi& utrinque dense stellato canib gnt>eo flavescens, pilis glandulosis ran& mtt rmixtis, floribus peditello calyce tnplo brtviove suffultib, calyce adpressis&imc btellito tomentello ba&i baccato, petalis luteis obtusis oblongis (olatis cilyce duplo longioribus, biliquis erectopatulis longissimis dift piciQ tomentellis compressis lim anbus, btt(mate capitato bilobo terminatis, valvis raediu nervo valido percursis. 2J. — *M. adoralis* var. *ovatifolia* Bullen Ann. sc nat. 18-12. — Crescit in Persia septentrionali et centrali, etiam in alpinis Kuh Daka.
2. *M. FLAVIDA* Boiss. 1. c. 0. — Tota tomento stellato in fohis adultis gneco, in junonibus fluvicanti vestita, eglandulosa. caulibus a basi ramosis, folus lanceolato oblongis, basi in petiolum brevem attenuatis, infimioribus re^uhnter repando dentatis, supremis intons hpatulato hnearibus, folibus in ratemus la\os paucifloros terminales dispositis&sessilibus, petalis lincan spathulatis sordide flavescens, siliquis tomentellis erectis stnttis compressis longissimis, Migrate obtusissimo biliqua bubaugustione obscure bilobo, lobis cont^uis 2\ — Habitus *M. instit* et *Arubicae*, bed differ t Indumento foliorum juniorum flavido, siliquis non torulosis, bed compressis etc. — Crescit ad latera orientalia montib Kuh Ajub prope Per&epolm.
3. *M. OBOVATA* Bnge. Arbtn. des naturf. Vereins in Riga. I. 130. f — Perenns in cano tomentoso villosa, pube denbissima raraosa eglandulosa folus radicalibus ovatis inciso smuato-dentatis, caulibus gracilibus elongatis bimplicibus incanis, folus caulims spathulato oblongis smuatis, utrinque acute 1—2 dentatis, racemo fructifero laxo, floribus....?, biliquis breviter pedicellatis erectis clongatis teretiusculis toiosis glabratis, btimate dorso utrinque in crasso ito brtvissimo, senibus oblongis gubangulatis anguste alitis. 7\ — Crescit locis lapulosis ad Sarab< ban superiorem.
4. *M. RUUSTA* Bnge 1 c. U7. \ — Perenns incano tomentosa. pube ngida ramosa, caulibus erectis bimplicibus robustis, folus incibo pinuatifidis undulatis, pedicellis brevissimis stliquae diametro brevioribus totidemque cras>sis, biliquib calyce 0—7-plo longioribus patulw vel arcuato rec urvis crassis vix compressib mean is, nervo medio valvarum prominente, stigmate incrassato. 2J. — Crescit ad oras orientales maris Caspit in promontorio Airakli.
5. *M. FRAGRANS* Bnge 1. c. 138. — Perenns, pube adpressa ramosa canescens * caulibus simplicibus ascendentibus, folus binuato dentatis plainis, pedicellis latitudinem biliquae superantibus, multo tenuioribus, siliquis erectis strictis compressis pubescentibus

tibus, calyce 6—7 plo longioribus, nervo medio valvarum vix prominulo, stigmatibus attenuato. 2l. — Crescit locis cretaceis ad Volgam fluvium.

M (*Acinotum*) STODDARTI Bnge 1. c. — Annuam ramosam, juniora pubescentia ramosa in cana, demum virentes foliis petiolatis ovato-oblongis sinuato-dentatis, florum primis ad basin caulium subsessilibus, in apice ramorum racemosis longius pedicellatis, petalis obovatis, siliquis torulosis subcompressis subsessilibus, dorso nervosis, pubescentia luscidulis demum virentibus, calyce 5 plo longioribus, sero dithiscentibus, stigmatibus brevissime tridentato, dente medio prominulo, seminibus quadrangulatis planis anguste alatis. ©

var. 5 siliquis glandulosis — Crescit in collibus siccis inter Agatme et Karagah prope Jan Darja, Syi Darja et alibi in Asia media,

4845/. LOXCIIOPHORI *Duicu*.

* (Duneu, *Revue botanique* II 432.)

Calycis sepalis erecta lateralibus basi gibba. Petala unguiculata, limbo obovato. Stamina 6 tetradynamia, filamentis edentulis, longioribus basi dilatatis. Stigmata concreta, disco incrassata. Biqua a latere compressa, obscure tetragona, bivalvis*, ob valvas basi in appendicem conicam deorsum productas sagittata (unde nomen genericum), Ioculis 3—4 spermiferis, septo crassiusculo nervi. Semina pendula compressa ovata marginata subcymbiformia, funiculis capillaribus hirsutis. — Herba Algeriae districtus occidentalis incolae annua humilis ramosa erecta, tomento stellato tota vestita, foliis oblongis obtusis integris sinuatis vel dentatis; racemis terminalibus ebracteatis, floribus subsessilibus; petalis violaceis — Genus ad *Matthiolam* proxime decedens, sed siliquis basi hastato-bidivulatis distinctissimum.

1 *L. CAPIOMOISTANA Durito 1 c — Crescit in deserto Algerensi ad Angid

4850. NAETTRITUKI *Il. Br.*

(DC Prodr I 137 — Wlprs Rept I 125 II 755. V. 34 \ "

1 »N. ROUUI«NSEDC — Kth Linnaea XI\ 295 — *Cardamome flaccula* Cham et Sikkim — (Rept I 137 no 22)

2 N. ORLIQUUM Zollm[^] Flora (K L) 1847 p 650 — Folium lyratum pinnatifidum foliis suborbiculatis repandis basi oblique cordatis glabris, petalis calycem superantibus* (albidis) siliquis compressis suberectis ©? — Crescit in arenosis et lareosis Mjlcinus ad fluvium n. Jivae orientalis circa 3000 s m

4851 BARBAHEI/2 *Br*

(DC Prodr I 140 — Wlprs Rept I 128 II 730 V 34)

1 B. HIFROPHYLL\ Willkomm, Botan. Ztg. 1847 vol 217 — Glaberrima foliis simplicibus inferioribus petiolatis subcordato-rotundatis, medio truncato ovatis summis sessilibus trapezoides, omnibus obtusis repando-dentatis, pedunculis rigidis subhorizontalibus, siliqua paulis subarcuatis 0? — Crescit in monte Sierra de Maria provinciae Almeriensis in Hispania

2. B. MINOR 1 Koch, Linnaea \I\ 53 — Digitalis vix ultra, glaberrima, caulibus simplicibus oligophyllis, ex apice limigeris, folia radicalia longissime petiolata, ovata, subcrenulata, crenata pinnata, superiora 3-fida, sessilia, foliola bijuga, lateralibus supremo angustiora, flores sub 12, aurei ©? — Crescit in Asia minorum in borcili

3 B. AIPISAC Koch, Linnaea XIX 319 — Radice peruviana pluri-loba, caulibus simplicibus altitudine dimidiata raro prostratis, erecto simplicibus vel subramosis sulcatis strobilatis, foliis omnino glaberrimis, radicalibus rosulatis cordatis raro ovatis increnulatis, ex inferioribus petiolo jugo pinnarum accessione praeditis, caulibus 3—5 pinnatifidis, ex basi unguiculatis, limbo superioribus mixtis ex 1 itere quoque unidentatis, rosetto con-

*cristo brevi, glandulis placentalibus 2 oblongis, germine 8-ovulato triplo-multiplo

valvaribus 4, turns superne connatis ibidem apiculatis, stamen brevius ad basin includentibus, fructibus hucusque ignotis 2]. — Crescit in Asia minor boreali, in Laucaso Armenia* o

- 4 I) 01KJOMTRMA C Koch loc cit — Radice bienni, caule glaberrimo sulcat > angulato rimoso, foliis omnibus, l'ibernis inferioribus mmonibus longiuscule pctioUtis oblongis, petiolo suptrne uno alterove foliolo accessivo oblongo, ex bvis <ontra laminam i turn ulati pmiidifida instructo, Cois mednis oblongis grosse crnatis utnsivL e' hu>i amplexu aubus aunculatis, superioribus contra cuneatis aunculatis, A partc lufenore mteg< rnmis dut uria alterive lacinia lineati praeditis, ev supenore 1 — Sdmatis, glandulis pldcentirus quadruple* quintuplove germine sub 8 ovulato mmonliub, siliquis laxis patentissimis 2—4 spermis J — Crestit in Armenia Rosuta
- 5 *B VUOUSTANA Hoiss — Wlprs 1 c II 753 no 1 — Boiss. Memoires de Geneve XI 451 - j tab I

4854 AH A HIS Linn.

(DC. Prodr. I 142 - Wlprs Repert I 130 II 756 V 34)

- I A (*Atomatum*) SWICOLA Ed_owrth Transact of the Linn, soc XX 33 — Pube stellati hispidula ramis cfoliaceis, foliis lineis oblongis intagm, pedicellu> calyce Inrsuio multo longioribus, ciliquid lmean conipressa fy - Frutet ramosus, pube itlldta adpn SSL hispiduhis Jolia luiean oblonga, basi attenuata Integra Ptdictlh calyce multo lon^iorts Sepala duo basi subpibbosa hirta Petala basi attenuata oblonga rosea Glandula placentari utnque 1, valvana 1 (?) Mamma edentula^ antbem ovatis ba&i cordatis Stilus brevis, fcti^matt emar^inato. Siliqua lineans tomprssd l>oly>inmd, v Uvis UIUMIVUS, septo hyalino entivi, placentis internis, Tumculis tilifornuhus 8 mina altcin itim uiuseruha ovati mmutissime rugulo&a immar,inatd — trtsct in {l in QSIS saxosisqm u} valle ilumims Dliavli, alt ped 9000—11000
- ^ A AUVJNSIS Fd_nwrth 1. tit — Umosa hispidula foliis ptioldtis Idiiteoldtis vel ^ ovatis dentatis, rauims axillaribus, flonibus subsesilibus, siliquis subteretibus hispidis Mylo (onicoacuto ptrsistntt apiculatis © — Herba eiecta, \% — 2 pedalis ram»sa, pilis biddis htllhtifeque hispida Rami subttretcs Jolia alterna omnia petiolata lanreolatd VLI ovitd, distanter denttta hispidd Racemi terminalcs in flores cntntia ploii_niti I-lores subNeusles (mfml 1—2 sessiks) Sepala eiecta, basi aequidlia uhlon^i membranacio mai_ninata hirtmta Pttala untuitul ltd exserta, limbo dilatato obovito ro*»eo Stamina ed< ntula Autlinrae longat &i_oittdae Gldndulae nullae? f>ti_n.i Loicum atutum Siliqi i Ion_oa sulittres, pube stellaU bubhisplda — Affinis A *Cebennem* — Cn scit in irvis Pentapotimiie piopt I ilior
3. A IiniALIC\ E<l\,wrth Transact of the Linn soc \X J1. — Pilis bifidis simplt ttbusve hispidi foliis pduci dentdtis mte^risvc, rddictibus petioldtis caulinis sessilibus ampli xicaulibusvc obovatis, pedicelli6 calyce luspido brivionibus 0 — Erccta 0—10 pollicans pilis sunphcibus furcatisque hispida ramulosa toha inferiora in petiolum dtenuata, supenora ses&ilia vt l implexicaulia, obovata denticulata > el niti^ra hirsuta Rami, racimum foluccum formintcs, post anthevn clongantur Pedicellt breves Sepald trtcta hirsuta margin ita, basi aequidlid Pctldd parva limbo dilatato integerrimo, lilauna, glandula h>po₃yna utnque placentarid 1 val varia 1 (?) Stamina eduitula Stylus brevis sti_oma cipitatum Siliqua tertiuscula compressi unmervis pilis furcatis hispidi semma alternatim bistnalia ovata rugulosa glubri unmvr₃iiiati, funiculo brvii filiformi, septo uicrvi — Crescit m glareosib Uimihe, alt pnl 100(K)—11000
- 4 A AMPLEXICAUI IS f<l_o\vrtli I. cit — Infra pilis simplicibus husuta, supra glabra folus lati ovitis dentatis integnsve, si paltb basi aequalibus glabns, petalis emargi natis, siliqua loii^issima glabra st>lo ipuulati, scmimbus tUpdrva maigmatisru^oso striatis 0 — Enrta <aule teicti vix iimoso, infra pilis simplicibus hirsuto supia {,labro Folia radit ilia I m<< ohti obtust in petiolum attenuata dentata husuta Yo\\ < lului Mbsilii amplexiculi i iiftnora lati ovita, gross* dentata, superioria lanceo lata mti^ra raa^is minusve hirsuta pihbimphcibus vtl pracscitum in nervi& furcatis

1 — 3 poll. longa, $\frac{1}{2}$ — 1 $\frac{1}{2}$ lata. Racemi elongati, axillares pauciflori, terminales multiflori. Pedicelli calyce longiores, fructiferi elongati. Sepala basi aequalia obtusa erecta glabra. Petala limbo dilatato emarginato alba. Stamina filamentis dilatatis eilentulis, antheris oblongis basi cordatis virescentibus; glandula utrinque placentaria 1 magna, valvariae 2 parvae; stylus brevis, stigmatibus subcapitato emarginato. Siliqua longissima (2 — 3-pollicaris) glabra, stylo elongato apiculata, valvis subnerviis, placentis prominulis, septo hyalino enervi, funiculis longiusculis filiformibus. Semina alternatim uniseriata, ala parva marginata rugoso-striolata. — Crescit in sylvis humidis montis Himalae, alt. ped. 8000 — 9000.

5. A. MACLOVIANA Hook. Icon. pi. t.49S. — Hook. fil. Flora Antarctic. 231. — Glaberrima, basi ramosa: foliis inferne dentato-serratis radicalibus longe petiolatis oblongis obtusis, caulinis sensim minoribus, supremis sessilibus lineari-oblongis; floribus in corymbum densum dispositis; sepalis obtusis, extus hirsutis, pericellum aequantibus; petalis albis spatulatis; siliquis racemosis erectis strictis linearibus, stylo brevi valido minutis, valvis concavifricis tricostatis, reticulatis venosis; seminibus plurimis ovato-oblongis; testa atro-brunnea grosse punctata. — Herba basi lignosa coriacea, spithamea ad tripedalibus, interdum subglaucescens. Folia radicalia 2—3-uncialia. Flores conferti amplii. Siliquae 1 unc. longae subtetragonae. — *Brassica Muehlenbergii* Poir. — *Brassica Maclovia* d'Urville. — *Erysimum Juclovia* Gay. — Crescit in Falkland insulis.
- b. A. (*Lomaspora*) PTEROSPERMA Edgvrth. Transact. of the Linn. soc. XX. 33. — Erecta: foliis pilis 2—3-furcatis hispidulis sessilibus denticulatis; pedicellis calyce glabro duplo longioribus; siliqua gracili pateute polysperma; seminibus alatis rugosis. 2j.? — Rami filiformes pubescentes trifurcati hispiduli. Folia caulina sessilia obovata vel oblonga, denticulata vel integra. Racemi terminales post anthesin elongati. Pedicelli calyce longiores. Sepala basi aequalia ovata obtusa marginata glabra. Petala oblonga, basi attenuata. Stamina edentula. Glandulae utrinque valvariae 2, placentariae 0. Stylus brevis. Stigma capitatum. Siliqua longissima polysperma compressa glabra suberecta, vix patens, valvis dorso uninerviis, septo enervi hyalino. Semina alternatim uniseriata alata, testa praesertim in ala rugosa, funiculo filiformi luco. — Affinis A. *Canadensi*. — Crescit in Himala, alt. ped. 9000- 10000.

4854/., ALYSSOPSIS Boiss.

(Wlprs. Repert. I. 34.)

1. A. KOTSCHYI Boiss. Diagn. pi. nov. orient. VI. 14. J — Basi suffrutescens dense pulvinato-caespitosa, tota toto brevi stellato canescens: foliis omnibus radicalibus oblongo-spatulatis obtusis integerrimis, basi in petiolum brevem attenuatis; racemis inter rosulas subsessilibus laxis subcorymbosis, floribus luteis parvis inferioribus longe, superioribus breviter pedicellatis; petalis obovatis, calyce duplo longioribus, basi in unguem attenuatis; pedicellis fructiferis tortis erectis strictis; siliquis tomentellis linearibus subincurvis cylindricis, a dorso subcompressis stylo brevissimo obtuso luconatis, valvulis lineari-ellipticis inflatis medio nervosis. 2J. — *Ah A. deJlexa* minutie, caulibus millis foliisque integris valde differt. — Crescit in fissuris rupium regionis summae montium Kuh-Darvā et Kuh-Uarsi Persiae australis.

j- **Icon addenda.**

- A. PEDEMONTANA Boiss. — (Wlprs. I. c. II. 75). no. 4.) — Boiss. Mémoires de Genève XI. 451. † tab. 2.

4859. CAIDAJIIXE Linn.

(DC. Prodr. I. 149. - Wlprs. Repert. I. 135. II. 757. V. 35.)

§. 1. Foliis s'implicibus.

- *. C NAN A Bartheoud in Gay, Flor. Chilena I. 108. f — Pusilla: caule caespitoso puberulo folioso; foliis in petiolum attenuatis ovatis vel linearibus simplicibus, radicalibus saepe trilobatis, pinnulis duabus remotis minimis glabris; floribus albis paucis terminalibus pedicellatis; siliquis compressis; stigmatibus sessilibus; seminibus immarginatis, 2j. — Crescit locis humidis in Chili provincia Valdivia.

2. C. COIDVTA Barnéod In Gay I. c. 100 f — Gubernma caule folioso ~~simplici~~
erecto, foliis longe petiolatis tordato rotundatis matins, inaequaliter dentato obtusis
•Imls sparsis taruolobis bimpubis vel 3 lobatis, lobis duobus basi parvis hberis
ovatib, sica simpliciter terminatis, siliquis erectis compressis, semioibus margioatis. 2' —
— Irubut HI Cordillerts ad Coquimbo m Chili.

%, 2. Foliis pinnatisectis.

3. *C. IURSUTA Lmn. — DC. 1. c — Hook. fil. 1 lor antarctic. 232 — *C antiscorbutica* links. & fcoland msa. — *C glacialis* DC. Prodr. I. 153. — *C. propinqua* Carmichael, Linn Transact. XII. 507.
4. *C IMPATIENS L — flora (B. Z.) 1840. p. 204.
a. *acutifolia* Kiiif. foliis foliorum caulnorum oblongo lanceolatis mucronatis
p *oblutifolia* Knar foliis foliorum caulnorum ovato subrotundis aut ovato oblongis, Hultnlobis, lobis obtusis mucronatis.
i rest unt in alpibus Austriacis.
5. C. I*~~LUIX~~SA knif, Hora (B. Z.) 1846. p. 293 J — 1- oilla omnibus pinnatis, foliis inferioribus ovatis, superioribus oblongis, «wt oblongo Uneanus*, omnibus antheris dentatis aut pius foliorum summorum integerrimis, petiolis exaristatis, petals calycibus longioribus ovatis, haminibus corollae dimidiam superantibus, Stylo Niliviarum maturarum sub trigonatis distinctis incrassato, taucis t-tulomfros foliorum HONONO Hulsulato, Inlloherctantia simpliciter racemosa, rathmo abbreviata 4—10 Horn. 2}. — < rehlit in fossis pratisque juludosis, aquis btagnantibus.
- U. *C. (.MUNIIOLU I)t lrodr. I. 153. — Hook. fil. AntarU. voy, of Terror and Enbus US. t HS.
7. C. VHTX Hook. London, jourr). of bot \ I t — dlabra taule olato sub robusto imptil ito illeuoso ramo fulvo lunn itis < tis, foliis 7—11, foliorum inferioribus oblique ovatis petiolatis, Juno bisi lunculatis, reliquis ovatis lanceolatisve, omnibus glandulosis mucronatis, rathmis elongatis foliosis (vel si mavis pedicellis glandulosis axillaribus), flonibus racemosis purpuris, sepalis late ovatis tomentosis internodiis trifloris, calycibus trifloris, hiliqua linearibus compressis stylo longo graullimo tinnititit — Crtsvit in Nova lirauad i
- H. I. JVFSONI Hook. 1. c. VI. 293.— *Glabia* caule flexuoso, foliis pinnatisectis, foliis 7—11 petiolatis ovatis vel ovatis obtusis mucronatis crenatis serratis basi obliquis, bembus mucronatis, torymbis terminalibus, flonibus speciosis purpuris, bitylis lato ovalibus, ajuce paucis, petiolibus ovatis venosis byllo trasso longioribus, cilyumduplo superiortibus, hiliqua lineari in rompiessa stylo longiusculo Kuhii que trasso tinnititit 2\ — Trescit in Cordillera Pillaro.
- U. C. L. \ \ \ Hutb Munt Irtv p. 151 no. 880 — Olabi», lixe ramota foliis pinnatisectis, fiegmi 3—7 petiolatis hinuatis infirionibus orbiculatis leniformibus busvulobis ovatis oblongis, petiolibus cuneatis oblongis, biliquis erectis pedicello vix longioribus stylo longiusculo tenui rostratis 2J. — (.auks subpedaleb, ramis decumbentibus foliis (' *lulifoliae*, sed minora ilacemus b ISI folntus, foliis (loralibus raultuis conformibus msi segmentis praesertim lateralibus subtentibus. rlores liff *C amnrae* minores, multo majores quam in *C hirsuta* l'ttila angubta. Siliquae 0—11 lin. longae, rothro 1 lin. longo. Dibsplenti marpo 1 itus. Nemtna tomprt Nba, fere quailrata, radícula laterali, — Crestit prope Tambo do t>ahnel Lopez in l'aramo de buanaco prov. l'opayan.
10. (. OVATA llnth 1 c 8S1. — Eretta? ramosa, pilosiuscula foliis pinnatisectis, bembus 3—5 petiolatis ovatis v. summis lanceolatis inciso dentatis, petals cu iioato oblongis, Hiliquis erectis pedicello multo longioribus byllo brevi crisbo termina Us. 7\ — Hatntu pmo intultu ad praecedentem accedit, sed species distinctissima. l oliorum bement. i longiuscule petiolulata, 0—12 lin. longi, 5—6 lin. lata, pilis pauis tonspersa. llatemi riro basi foiliti. Vlores us *C. lursutae* vix duplo majores. Siliquae sesquipedales v. longioribus. Miama Ulurn. lUdícula lateralis. — In sylvis piopt p^

- jum Tena, piov. Bogota — Speciem tertiam legit Jameson in Andibus Quttensium hule
afunem, seddiversimracemo foliato, siliquis n (lexis, fohoiium se_pmentis sessilioribns.
II. C DECUMBKNS Barneoud in Gay, Mora Chilena I. 100. + — Glabra caule 11 ic
cidobasi decumlnnte fulioso subrecto, folns iniparipmnatis, in petiolum attenuitis,
[Minuli8 subrotundis sessilibus vel hrcvitr pdiolalib interns vel denticulatis, ter
minah lobo maximo ilabelliformi, flonbus albis puius trmmahbus pedicellatis,
&picis axillanbus longe peduncul itis, stylo breviSMino, semiinbus lmmarginatis. 2J?
— Crescit in Cordillens Guiuta in 1 lull.
- 12 C NASTURTIOIDLs Birneoud in Gay 1. cit. 113. f — (Bert. Merc. Chil. 600) —
Glabra caule herbaceo fohoso, basi ramoso, foil is spirsis imparipinnatis, foliolis
ovatis lobato dentatis, breviter petiolatis, spica termmalis foliosa laxa, flonbus albis
pulicellatis, siliqua lineari glabia, semmibus marginatis. 2J.? — Cre&cit vulgans in
prati& Clulensibus.
- H C i COLCHAGUENSIS Birneoud in Gay 1. c. 115. — Basl patulo ciespitosa mul
ticeps perennis folns radii tibus oblongis, in petiolum gracilem atteuuatts confertis
cihatissiusculis integris vel raro subdenticulatis, obtuMS, cauhsms &&&ibus pau
(is ciliato crassis an^ustu* ovatis, flonbus albis corvmbos&is parvis, talyce desicca
tione atro violateo, siliquis Im vibus compressis glabus, valvis medio uninerviis , cm
bryonis colyledombus cr ISMS mcumbentibus. 2J. — Crescit in Chili prov. Colcha^ua
circa vulcanum Talcar^ue.

§ 3 Ffon satts nota.

- 11 C. AMPLEXICAULIS Hanselcr, *Hot. Zeitg.* 1840. cpl 312 — Tulus denticulatis ci-
lutisque, caule hirsute — Cie&cit In colhbus steilibus circa Cairatracam in
Hi&pama.

f Iconcs addendac.

- < HORBONICA Pers. — DC. Prodr. I. 115. no. 14. — Wglit. Spicileg. Neilgherr. 1.
S t. 0. et Icon, plant, t. 941.

Tribus II. ALYSSINEAE DC.

4865. FAHSKT1A Turr.

(DC Prodr I 157. — Wlprs Ilepert. I. 139. II. 737.)

- 1 F. (*Far&ettana*) UM BELL AT A Boiss. Diagn. pi. nov. orient. VI. 13. f — Basi suffru-
tiosa multicaulis tota tomento stellato a&pero lepidoto canescens caulibus subangu-
1 itis simpheibus erectis foliosis, folns omnibus oblongo lantcolatis obtusis, basi
attenuatis, superioribus sparsis minoribus sublmearibus, racemo terminali etiam
fiuctifero cor>mboso subumbellato, pedicellis erectis cahcem albidum ptrce tonieri-
tillum aequantibus, petaloiium luteorum unguibus ex&ertis, lamina lincan oblonc;a
obtusa, filamentis omnibus edentulis, siheculis peditelli curv itione patenti rt flexis
tomentellib ellipticis, apice rotundatis, st^Io dcculuo muticis, septo evaiudo umlocu
luihus, ovulis utrinque duobus, semmibus fertilibus 1 —2 orbicularibus marginatis.
2]. — Affuns *F. pendulae*, a qua caeterum di&tinctis&ima est. — Irescit ad rupeb cal
• treas montis Kuh Daehna Persiae au&tralis.

- 1 OBLONGAIA Piesl, Bot Bemerk. 1844. p. 8. — Differt praecipue a *F. Aegypt-
ttaca* siluulis latitudmt tuplo lon^ionibus, basi in stipitem angustatis, nervo medto
promiiente percursis. — Crescit in Aegjpto.

3. *!•. DALMATICA Vis. 11. Dalm. II. t. 32. fig. 3.

4866. MEXIOCrS Desv.

(DC Prodr. I. 103. — Wlprs. Repert. *I 140)

- 1 *M. EnilENBEUGII Pisl. Bot. Bmrkgn 9 — *Draba mnmularta* Ehrnbrg. mss.
Konuja Lybicu R. Br. — Wlpsn. Ilepert I 142. no. 4 (cum s;nonymia).

4868. AVK11IETI1 Adans.

(DC. Prodr I 158. — YVlprs. Repert. I. 150. II. 757.)

1. A PARVIRLORA Boiss Diagn. pi. nov. orient. VI. 14. — Cae&pitosa toti indumenta
s t^H o gnseo tomentosa caudiculis piostratis nudis, caulibus brevissimis, folns

pams ddtoidels, utnque 1—2 dentibus obsoletis instructis, basi in petiolum hrevem attenuate, racemis terminalibus brevibus laxiusculis 5—8flons, flonbus parvis, sepalis tomentellis exteriorihits basi saccatis, petahs alhis oblongs angustis obtusis, in un^uem attenuitis, calje e scsquliongionbus, filamentis omnibus ala an gusta ad medium eorum in dentem obtu&um desinente auctis, sih< ula pedicello patenti, dem 8tnUo, ea paulu longiore suffulta, ovata mfiata stlltto tomentusa lateialiter 6ub compressa stylo ea acquilongo superata. 2J. — Crescit circa Scliuaz ad rupes absceis sas montis Kuh-Barsi prope eandem uibem.

4869. \ ESICARIA DC.

(DC. Prodr. I. 158). — WIprs. Repert. I. 140)

1. V. (*Alyssoides*) AUGENTE* S. Schauer, Linnaea XX. 720. + — Procumbens basi RulTruticosa, undique indumento peltato stellato argenteo lepidota: Coins sublanceohtis basi cuneata m petiolum longum attenuate acutiusculis repando dentatis, silieula (lepidota) lunge pedicellata sessili ellipsoided obtusi&shna, stylo gracili duplo Ion gluro. 1\ — Ciestit in Mexico.
2. V. C.CYLIU nook. Loud, Journ. of bot. VI. 70. f t. 5. — Perennis, stellatim incana radnefusifornii, caulibus e collo numerosis, follis lon^ionbus rad.calibus suborlm u latis, lon.se petiolatis, fol.is caulims lanceolat.s sess.l.bus sparsis, S.hcul.8 late ob tordatis b.lobis compresso innatis, stylum lonjitudine aequantibus. 2|. — Crescit in Amerua septentrional, ad „Spokan river" superior* mf,
3. •V. MIUIOCAIPA Visiarn, 11. Dalmat. II. t. 32. Ci&V.

4870. KONIGA Adans.

(WIprs. Repert. I. 142)

1. K. INTERMEDIA Wibli i» Hook. Lond. Journ. V. 192. J t. C. — Caulibus elongatis, pedic elhs gncilibus, loculis 1-2spermis. — Si priorum (*K. Lybicae* Webb et *K. muntimae* Hr.) alterutrl jungenda es&et /, *intermedia*, plantaue variabilis neutnque ibnormis, dlu dubitatum. A *Lob id art a marUuna*, cui ma,08 affinis, habitu majors, caulibuN elon^atis, lotulisque dispcrmih iiprimi& dilTert. I^lores ut in *iMbulana Lybtu* oninlno Inodorl. — *LA>bnlana intermedia* II. Webb, Ph>togr. Canar. 12. — *Alyuum maritimum* ft. *Canarinse* DC. Prodr. I. 104. — Cre&t it In convalhhub et rupectrlbus Insulurum Cunarleiidlum frequens.

4474. ALYSMJJI Linn.

(DC. Prodr. I. 100. — WIprs. Repert. I. 112. II. 757. V. 36)

1. A.[A<hjseton] TRYPTOPETALUM Huge. Arb. d. naturf. Veremes in Riga I. 142. v — Annuuni, pills li pidoto btHlatis tancstems, hunule ramosum folus spathulato oblon gtb> obtuhib, racemis confertis, demum parum elongatih, flonbus mmutisbimis, sepalis iledduis, petalis luiean bpathulatis retusis, calyct* dimidio brevionbus minutissimis, htamiubuffl xsortis, filamentis m tjonbus lateraliter dentatis vel saepius dilatatis, bi liculis sursum imbncitis, pilis lepidoto stcllatis adpressis tains oibicuhnbus tur^idis, margine vi\ complanatis retuso emargmatis, bt>lo brevissimo mucronulatis, loculis Hubdispermu j semuubus obovatls marginatis. 0 — Ciestit in lupibus graniticls prope liakali.
- 2. A. HETEROTMCTIUM Boiss. Diagn. pi. nov. orient. VI. 13. J — Annum, totum ad presRikHime stt llato lepidotum ^rfceum. caulibus humilibus ramosis, lateralibus pro btratih, foil is elliptico lam eol itib obtusis, basi attcnuatiH, flonbus minutissimis in ra c>mos sub anthe&i densissime capitatos, fructifi ros elongitos dispositis, petalis albis lineanbus, apice subntusis, lon^itudinis calycis hirsuti demum decidui, filamentis om nibUH basi dente magno lanceolato acuto auctis, siliculis pedicello erecto patulo us paulo brevior sudultiN ovato ellipttds obtusis, stylo tenui brevissimo apirulatis pla ins, margins subincrassatis, pilu, simplitibus sparsis aspens, pra(terea sub leiite valid i puborulo prulnoiiis, lorulfc biovulatis, seminibus oblongis angustissime margin itis. © — 1 lores <b A% *Szocduuni* multo minores. — Crescit ad muros hoLtoruin piope ruiisb Persepolis.

3. A. (*Lohutaria*) LAPETRODSIAHDM A. Jordan, Observ. aur pi. MOIV. ou met de la t'an<«. I. 3. y t. I. fi^ . A. I — H. — DorlblUI in rMOBMO BimpUcMS ti-rmliu lem j.iiiiri(u) lircvr m. poti ntlicsin eluiffjntum, fructUenun otilongum ilisji ualita; po, ikellis (lorifrrri* filifiiTOiilus, [riinnin effectis, ponte a iKiri/untalilnn., (li-nium Kubreflxia*; calyx. tjuaiu pedicetlo breiore laxtt, bnsi siuWqiiat], M-palis oralUiaa obtusft inmavis, margins nllio-nii'iiln anacis, -lorsn pilis allis titetlntis toatructlsj petalla «[ia].t <lunlo Mperantlbus clllpl lico-obyatis, ajtice rotundalij •oblntesenterit, Infra in onfuemltatibo tertio bri-vtore cnarttatis j si...Iniliut ;petalis ter bvevio ribua Btylttmcub an&esi param «xtttenUbttt; anUuris ublongl*, Blameiita edaotalo duplo brovfMibMi ovuio seatill eltpttco-oblongo, utrinque uit^u.stata, stun Uifarmi DnrlutD uqnuite, •UgBwte mini ni», media dcjirefoio; hiht-ulti nsi't'ndaiae ttnB elDptiea, IM>1 lerltei ingostetA, si*In persistent! njilrulata, hu|irrre plutn subeoncava, infra conrGU inllala ; M'niiniUN in loento biuU angustlSkimi-marginaf*, alt<5 totlll, altero oborfiro, funintlo umtilli-i all brevisalmo ; i'ollti 4 — 5 cm. longfa tnbcoocai is oblongia, basi a ajpistatit, ijijici; rotund." • obtusis • Minute stellatini-pitosla, lopertoribu aAgutte Unearlbiu eattli adpreiais i caaf« auBrutt'-asn lignoao ranoataalina mnl s aacendsntlbtia virgatis, stella* tiin piloNultn iju.isi allut |inlvrrafti«. 2).— A, hallmlfuthuti Lnptyt. ABr. til, — A. ntteranirpum DC, (>-v p.) — Crwict iii PyTenMli orlaatallbua propa VUlefranche,
4. A. (*Oihntosteimtn*) iLK\U'.\CLE Jordan 1. c. 10. v t, If, K. 1-12. — noribtu in rao'imini slmpllfcm ti-iiniiiiili-m inrymbifirnicm efiiaametsrltate brcrUfslnun d) spo siis; pedicella roctls psteutibaSi caljCfl BJudafl Inrititniinis, b>l aetpali, lepalia ova(i><-llijitii'i<> ulitiis i urn ;\ is. IK.I L-iiii- allit Kktunbnuiuels, pllia stelhUfa ;nijrt<ssis Inii true I. is j [ifldth rnyci'tn du^ln <'>'r(i>[iti]iis ubuvatu-oblongiJI, ongolcitlatil, uplee <-ni.iluinaii.s j .s!.iiiiiiiil'ii> (juani [H'tala nmln niinorllmt, sttjln lungiurfbua, tongionun fil-ifn-llles nli'iitillii, niailit-nlis b>T<vtOrWU tiasi ;ij|irllitii III.II. il.-llti.t.: OVLriO elllpttCO' oblongo, ijuani Ntjlus filit'urnii^ dupln breriuBf^ftli-fnati- mt-dto li-viter deprewo; sili-culis ovali-ellipticis apice rotundatis, margine pinnatopressis, valvia dorso convexis, colli, itjro i.is ai-ij.iaii.' ,ijijul.itis . |iili> M.l latis canesc liti |)ulnTuji<; seminibus in localobinda ovali eUptlclli 7-1 inll. loni;is), L. i e alt.Ta pinnis, affera convexis; folia obloogh obtusis, mug la mtnoara latis, Infiiriu aojtu.stiitii II-HH asis, alia canescentibus, sujira virt'tilibus; caulibus dtJtubis iKiiUenisis subhtrli.uis il.xuo., ranraQlnis, ex-tuis plurimA sterililnts. 2J.— Crescit prope Avignon in ruji>,-striliuti aiccis Mnnt Ventuux.

icoot'H uddentlnc

- A. H \ IKM Alt'UIH DC.—Jordan, *QbtttT*. sur. o], nouv. de UFrance. I, t. l.fig. fi.
A. rOMI \M vi L. — Jordaa, I. c Bg, i'.
A. i WJMIIDLiiM All.— Jordan I, *, fig. R.
A. SPIM08UM JLim. —Jordan I. e. fig. D.

4876. I"TILOTRICIX^M 0. A. Mey.

(Wlprs. KfjMrt. I. 11 O

1. PT. TOBTOOSOM Willk. Kotan. ZtU. JW7. col. 334. f — Sufrulicimum inde « b>tl in rantuK tortiinans f*sti(iatus divisnni: foJiin luferiuriliUK ubovuto laHCuolaffi*, ver.sus lit.Niti iittenuatis, superioridus oljlon^nlini-urihtis) tacumis -sii(i>lii:ilius curj'iubusIR; illlculla oTato-ellipttoia glabrW4 tbjlo breviatlno apicnlatia, loculiB monocpernis, semi-itbus ulllptkis inunar^lnatis. • — Crescit in Mgto Valfiiliim in "...to Sierra de Cbiva,
2. 1>T. BTSIOCLOSI M K*«. Flora (I). Z.) 1M< p. 083. —Kadirc peretto] longUalna, totim [tilis divuuii .:n. i i.tiKjiitlatLe aii^ressis stri^ulot>um : caulibuca«apMoate asren dentibu i, tiasi r.jlit.Kts; fullis 6ii.tliuloti>-ol>lunyifl, in pctiolsHn iltfiinstitis, sulitus i>»l-ldloribus, rtermts Miliforvni lin.>i); jn'iLjlis oboyatia, litst unguiculwti* t fx'i'alu duplo ltingioribua; Blllculis «llij>oiilcn-globosis, loculln nu.ni.»>erniis; aamlnibus roartthia-tla. — Ctit«cil in SteitM de Yumjuera fisnuris mpium calcarearuiw, in valle alpina „Canned* la i't-rra" iicMa CopiOM, c. 5000 .

4877. *CLYPEOLA* Linn.

(DC. Prodr. I 103 — Wlprs Repert. I. 146)

1. CL. HISPIDA Prefcl, Dot. Bemerk. p. 9. — Differt a *C. Jonthlaspi* genuina siliculis plus quam duplo minoribus, utrinque sctis rigidulis hispidis suborbiculatis basi atque tuisculis, apice emarginatis, anguste marginatis non ciliatis.— Crescit in Arabia
2. LL < HAE TOOAKPA Jaub et Spach, **Illustr.** plant, or. III 8. tab. 200 f— Flonibus niimib, petalis (in sicco oihrocutis) calyce paulo longioribus, antheribus cordato orbiculatis, pedicellis fructifens acutato-deflexis, siliculis conaceis subplano conipn»ssis emarginatis, K*æ hispidis, stylo brevissimo (plerumqite deraum deciduo) aptculatis, marline trenatis — Planta annua, petalis gemtibusque exceptis pube Btellata adpre&sa magis mmusve copiosa tanescens, macrior 2 — 3 pollicans et sub Simplex, regetior ramofcissima et demum subsemipedalis. taules solitaru vel plures erecti (vel laterales ascendentes), graciles vel subfiliformes teretes foliati, sub&ntti, &aepf)sime magu. mmus/e ramosi, ramis subpatulis vel ascendentibus bimphcibus vel paniculatis, dtmum subfasti^iatis. Folia alterna intend rim i tenuia ohtu&a vel acutiuscula uuiiieivia buhuvenia, mferiura (radicalia et infima caulina ignota) hneari vel oblongo s|iatbulata, 3—0 linear longa, superiora lanceolata vel lanceolato oblonga, bensim miura Hores minimi (vix. uam lineam longi) Racenu solitaru erecti stncti, pedicellolnflmohaudraro folio stipato, caetrum aphylll et ebrarteatimultiflon, ineunte floratione abbreviati detibl, detn elongati, laxlorcs, fructifen stncti vel subtortuosi, I___3 pollices longi, sillicuhs subdistichis, nunc &ubimbricatis, nunc dissitionibus. — Crescit In Mesopotamia.

4880. *DRADA* Linn.

(DC. Prodr. I. 103 — Wlprs. Repert I. 147. II. 758.)

Bectlo 1 AIZOP818 DG.

1. D. SAXICOLA C. Koch, Linnaea XIX oi. — Ex apice radice lignosae, simplicis < <ukS nunn rosl Kimhncisimi huperne In — infidi, ob folia itcratim rosulacea tylin drat LI, folia Inn ina pu tinato (iliata, cuspidate setacea m&truita inturva glaberrima, pidunrulus communs pulnrulus, exapice corymbum subquinqueflorum g(rents, caule minor \ calyx glibernmus pftalis ochroleucis (albm?) duplo minor, stamina paene aequans, germt n hirtu pllosum stylo brevl Instructum, stamina aequans. — Creacit in Asia minorl septentrionall.
2. D. AURKA t Koch I. clt. — Radix lignosa simplex, caul is abbreviatif&imug in plures ramos subterranea breves ex apice rosuligeri divisus, folia rosulacea, linearia pcttmuU uliata, tuspide setacea In&tructa, incurva glaberrima, peduululu& communld villosus, ex apice corymbum pauciflorum gtrens, calyx ex cirina pilo^us di midium pt>talorum aureorum superans, stamina et t,ermen hirtum stylo brevi m&structum atquans. — trefccit in Asia minorl septentriomli.

Beotlo U. CHRYSODRABA DG.

3. D. DEPRESSA Ilook fil. antarct. voy. of Terror and Erebus p. 234. adn. — Caespitosa Incano tomentosa caulibus brevibus prostratis ramosis foliosis, folds confertis oh ova to spatulatis apice rotundatis integerrimis, racemis abbreviate folia summa paulo superantibus, sepalis late oblongo dorso pubescentibus, petalis flavis, pedicellis fructiferis elongatis sillicuIU lut.ssimè ovato rotundatis acutis, stylo brevi, valvula planiusculis incanis, semimbud majusculiN late obnvtls. 2]. — A *Dr crypt ant ha*, cui proxima, dilTertbtatura, racenioeloni;ato floribusque termajoribus, ad *Dr arettoi* dem statura actfdit, sed folia inrana obtusa patentia et laxius Imbricata, siliculae mlnores latlores caulesque pro&trati — Crescit in(olumbla, thimbora^o, 17000 ped. altid.
4. D. OBOVATA Bnth. Plant. Ilartw. p. 159. no. 885. — Perennls caespitosa ramosissima, fohorum basibus Imbrkatis glabris perslstentibus, lamina obovata Incano villosa patente, stapo brevi&simò, Nilicuh ovatis villosis 2j. ___ Affinis *Dr. aretwxdn* folia laxius imbricata, lamina 2—3 lm. longa, detidua, et paib inferior tantum glabra cartllagnea in ramis vetustis tenuibus perslstit. Inflore¢ia et (lores

- Dr aretioidis* Petala minus dilatata quam in specuninibus Jamesoniaiis. Siliculi 1%—1 lin. longi, ovih elhptica, st^lo brevi mucronati, undique hirsuta, valvulis plamusculis Scmma m quoque loculo 4, funculo filiformi suspensa, ovata, compressa, rudilul i laterali — In morite Antisana alt. 1500*1 ped.
- 5 J) RADICAT* Hook, fil 1. c 2% idn — Incana caule brevi lignoso subdiffusa mnoso, folus confertis linear obovatis vel spatulatis obtusis, scapo gracih nudo \\\ unifoliato, floribus subcorymbosis mijusculis, petahs flavis calyce pubescent** duplo longioribus, sillicuhs erecto patentibus ellipticis, utnnque attenuatis puberuhis pedicello longioribus, stylo gracili 2\ — Radix elongata hgnosa ramosa multiceps. Ciulcs 1 — 2 unciales, versus apicem foliosi. Folia 14—^ untiaha patula, pube btellata Scipi 1 — 2 unc. longi. Flores magnitudine varil. Petala sub 2 lin longa unguiculata, lamina patente rotundata. Siliculae % — % lin. longae, valvis plains, si minibus maju&cuhs, late obovatis atro fuscis. — Crestit . . .
- b. D CILKLIANTHOIDS Hook Al 1. c 23b adn — Radice magna fusiformi, folus radicaibus lon_nissime liu<an lanccolatis sinuito dentatis, utnnque stellatim scaberulis, cauliius multo minoribus, s< ipo ascmlente puberulo subramoso, rat emo elongato, tlouhus aniphs aureis, pedicclhs fructifcus elongatis patentibus, sihculis obotato oblongis, utunque attcnu Uis in sttlum elongatum desinentihus, vahis conve\uscu Its glabrusculis, seimiiibus paucis nujuscuhs atro fuscis. 2J. — Habitu ad *Vesicanam utnulatam* accedit, &td btamm i omnia vere tidentula, silicula elliptica et semina exalata — Crescit in Sicira Nev n\i No\ae Grenadae.
7. D AHBUSCUH Hook fil. 1. c. 237 adn. — triticulosa, stellatim pubescens ramosa ram is ascendentibus inferne lignosis nudis, supernt fohosis, folus parvis un bncatij* obovatis obtuhis, petiolis vagiuantibus dilatatis glabeirimis, floribus flavis, siliculis pedicello brevioribus ascend* ntibus an,ustc elliptico ovatis in stylum brevem attenuatis, valvis plains £,labriusculis, stminibus plurtinis maju&culis t} — Caulis basi crassitie pmnae anatune, superne in nniulosplunmos a^ccndenti s fastid_pntos divisus. Kami baM nudi, folus dclapsis cvcitnsiti, ramulis 2— 3 uncmibus fohosis. Folia % unc longa imbricata ovata, in petiolum vaguiantem dilatata, superne ptkcutu obtusi vix dentata, utnnque pub< &tt llata tecta. Racemi uncial* s. Flores magmtudue et coloe *Dr. aizoxdn*. Siliculae 4 lin. longae — Crescit in Caiacas.

Sectio III LEUGODRABA DC.

§. 1. *Racemo inter folia sessili.*

8. D CRYPTANTHA Hook. fil. Antart. voy. of Terror and Erebus 234. — Caespi tosa ramosa tota incano tomentosa folus imbcatis obovatis obtusis, racemo folia ceo abbreviato inter folia suprema sessili puicifloio, floribus parvis brevissime pedicellatih, petahs spatbulatis albis unguiculatis, sihculis longe pedicellitih ovatis incanis stylo brevi termatis. 7\ — Caules robusti »y₄ — 2 unc. longi folia % unclaha, ranus appressi Flores mconspicui. Sepala % lin. longa oblon^a obtusa Petala sepal is viv lon^iora, apice emargin ita. Siliculae 2% lin. longae, seminibus parvis rufo brunneis — Crescit in Peru, Cerro Pasco.

§. 2. *Racemo folul longior.*

9. D SETVLOSA C. Koch, Linnaea XIX 63. — Folus densissimis oblanceolatis, margine ma_{is} quam lamina setulosis, scipo nudo glabemmo, apice corymbifero, calycis sepihs oblongis glaberrimis, pedicello brevioribus, siliquis glaberrimis, stylo medio cri coromtis 2j. — Crescit in Asia minon septentnonili.
10. D. HOOKERI Wlprs mss. — Caule brevissimo, basi ramoso, folils versus ipitem rimorum rosulatis linear obovatis villo&o senceis, pedunculo incano sursum pedicellis bepahsque dorso lursutis, floribus in corymbum subcipitatum nudum dispositis parvisi tlbidis, petahs elongato spatulatis unguiculatis retusis, siliquis hneanus obtusis g| ibernmis, stylo nullo 2{.
- (3. *Antisana* folus majonbus laxius confertis obtusis. Radix descendens multiceps, foll* % (in var. ^. %) unc longa. Pedunculi 1/6 ""

date» *im, lices null. Sili'iuic \ Mu. Irnuae linear^*, valtt* platiis, caepe pptrpneUi
seminibus oblongis, rafa-fascia. — tir. titiquota Book. fit. I. c, 339. adn. (nee M. B.)
Crescit in Columbia, CoCipiddPiaWp.il, nit.

11. D. MAI LEANI Book. - U. L. «. »4ft. — In: uno-tomentosa: cr iult! tirt-Tis.siniif iihisu |
f.,IM>i.t., *'- *'- I i - oblongis obtusis, corymbis Nlic;iltatj» iuudd ; Bortbin |i,irvis
breuiter podicellatis albidis; siliculis glaberrimis ovatis 1/2 - 1/3 l'ini kreviasiiinma at
quatis; valv. . . . 2 v — A l>r. >i'<>. . . .
rai illicolanuo atte»ua««r«u». — Ci . . . m Andibus Prnrtae.

12. D. AFFINIS Book. ill. 1. ' . >'I'. — I . . . niCarffe yatentt-
bu* obotato 1-iin.-nlitn-tutiMCutis lerteco blr«o(i*t p*d«m . . . Qoribus co-
rymbosis subcapitatis parvis; siliculis pubescentibus podicellatis elliptico-oblongis
aly)" & visaim i ti rmlnat*, Talrl* nabcn . . . — lir. tituptoiat pro alma, -ili-'iilis
l.iliirilm.i br^fluribiid pabeaceflUBuaqOt] praeclpuo dlTrrt. Baec cum Dr. dqtrtnu,
titqum, Marti-urti tubitu ft Mnlura otimlno cnvvtiii. — Crescit in Cdltimhiu, Hici
CIIU ilr Anthiia, 1340> ftnl. alt.

lt, D. 1- Al.kl, \MillM Hunk. til. I. c, 23,1. — <' :ii-sjiitiis; inrano-pnbescens: caule bra-
visi no, l'iffiis rosulatia obovato-fpatbulaitB obtaia (otngarrttui < deno veatito; \vedan-
culU jilurimia rotiusU breriukculls podicritUtj . . .
aorymbuala p«dlella tew longlorilius elllptl . . .
jilurtniU (unit, fnoalcats bn . . . — I)* . . .
pabeacrd btrsuta, tihtuit pills . . .
I . . . -2-nncalM validl
-tpffcte btevi eras so I . . .

11. D. . . . Cm . . . A Book. . . . -Cubenlma: eaoU brevtaandoraai . . .
ramis tubulatis, foliis . . .
Itaflea plot! . . .
Scapi S—8 in . . .
Si-pulit
Nitrini-
Siliruhi foQU . . .
regloitbug Antarctica.)

L us KRA Barn, oinl in Oaj , Plotl CtleBa I. 185, f — Dense pubescens,
baai itolonllsxa raultcepn; caull»us piurliu.% riaipitelbai erectla fulloftU, pit
tli; Mils niicallbu rosulatti drafts tntegrit rel parum fteatattj fiOrlbu albin s>|-
c>ii>i calycK di>t«o rircaceni corolla dupln tirevlore pnbernlof Nliqua glubra con-
l»rU oblODga, l(;lo el'jngatu cotonata. 2J.7 —Cresuit (itChili lucU subandii-i* in pruv.
Aconcagua.

18. Ji M I i EUTOCOPA Barnoad In C>y 1. cit. 157. f — Basl prostratw, suffruticosa
folliosa ram- •ai loHto tonferUa ttawnlbn ggrtoeab, durso uolnervUs, <.ili;iiis, plis
kiftipHi-ibu* j faullbun plurliu* trnlnbun rrrr.Ui suhnudU, llrrihus albbl paucis
termlialijus |n-i''(:e|jiitis; itilcola Ubeuri glubra, stylo elongatotenninala. 2L — Cii
in rhili Ci.rdll>rii atllsaiuis Orallf dmtlom 12000 potluin.

IT. D. tlltliit AliroUA Baroe«tttd In Sky I. dt. 15». i— Cucspit . . .
ramultk |il>n es erect . . . >ini>iiirs nullifl emittr-iis : foliis ilense Imbtclattradcallbui
cano-hkpiiliwinnU lin<t*rl-latlusculi<» [ntegfl D>rsYinsimm ; BortbBV 4—*8 •patea! attli
(i.<lir<IUlb; Kllicula linear) gUttra, Blylo elongito coronaLi, ^ — Crcact hi CnrdUleris
I bfttBaibttf »il I iKjniij!(,.)

is. D, BALLU Rook. (11. 1. e. 237, ndn. —> FrutculiMa mmusa Incano-pobesceus: fitl»»
radicalibus nullis, i:autinh sessilium tinoariohlnngls oUoago^bftTMttm rt-m<t«< den-

tali*, *Dr. sericeo-hirsute*, subtus Btatlatin tomatotft'i raeml* elongate } ftorilmi
:tii|dih slbMia i pediceIHa ba*t bi fructtfejrfa arecto-paten Ubuii ailiesla bi-
if but { silicult.t llneari-uhlijtigifl in itylui brevem attenuatam, valvula plantulecula pe-
bejccitilijus ; m-diuiilus plorimil iirijusculis. 2^ — PiriTall ri ultra. v>ge *Tamo*
bus l..ml DODis. Fulio 1—S-unelaUa. Sillcolae f>ma variac, pteneque '., unc. ID<-
gae llnari- vcl uvitto-nhlngat*, ylalirinsizttJat¹, inlerilum linear es et % nnc. lougae.
— *Crescit* in Columbia, L'timboruo, Picbloch* et Antisatm.

Sectio IV. BOLARGES DC?

1 U. D. AUSTRALIS Hunk. HL]. c. 235. »<!(.. — Ainius gracilin: caule simnlriu<cuti>
pate rti-jili>N< i r raJlcallbm psneli roculttlg obloaglt oblongo IwecolKtUra (tie-
rinnque lategerrlmis ulitusi*. supra nobis rceco-fatsrntlt, labtni stell&tln pabeMetttfBMi
pedunculi gl:vicirimis iuuUTs {inuciHuriS} Borlbu tibia pedtceU>Hf, pedlcellls fructi-
feris Bilfonaibusi ^Piculii gUlterra linanl oblong*, utrinqu: obtastascula '3, bn-
ril.uv v;ilv.s p<nl< B<tainibus plurimi* psrrl*. 0 — Speclea *Dr. lineari* Boisa., /Jr.
etntifoHae Kutt, ci jBr. *micranthiae* Suit, *mimltim**. — dwell in P<tagoala si
lita Bhrna.

Sectio V. DBASELLA DO.

29. D. TENTHS lirmi.-mid in Gay I. cU, I >; | — Hlniau h<rlia>ca labra: fi-ltn uenat-
libut august* <ilil>iiiSil in <v>. V4 ii'i ij..V.i droUlls, ID eaalv <parsits r>ceml<
ip. ille l. onfo mltlt <axillaribus; floribus albis parvis pedicellatis; silicula bra-
ovata glabra, silicula <v>lli, semina minima rubu mml i. > ; — *Crescit* in Cor-
fllii'>tliit>. *de las Patas*.

SPECIAL INDEX DESCRIP T IE.

1). ORAHSIFLOBA Rook, in Am. ex Bth. Pl. Harw. 183.

1>. BITAIBEUAHA l'rol. Dt>i. Bmrkgii. \>. it. — *Dr. rfftrrwScop.*?

f f f l i ' o n C H iiddendnt*. ^ ^

D. ELONGATA Hort. — Vi^iuN. i j, Dil.tiilf. n. <. 83. fig. I.

D. BETEBOCOBIA l ozL — Atl> tu I:usaggors Belse lhi. 3. t. Hi.

4882. COCKLEJLRIA /, inn.

(DC. l'ruJr, I. 172. — U"lprs. Repot, I. IS.)

1. C-APSRAQH00E5 Botaa. Dla^H. pi. nov, orient W. li. — Gtabra glaucescens:
rainit ujjs vepentlbua aaaUt, cuolibus nuila acaitUormlbaj frjli.s fere omnlbtu ml-
i.aliims ob)obgo-lwt<colalis tiblontveve petioUtiv, ^tui; nix anuilibus, bail attemrttti
racemi*s anbnulcallbaa Ureviims (MticiQorla luUweullai llmijuh ?iolac<bj parvla, i><-
ili<v|<i M Mquiloogo Mif'ultis-, r>ct'iiii r'rtutitVri >v Q<UUKI>, i>i*iliiflls jiat>lv; silic-
cola tiifuriuniiiulea D>kt' apiceqac Utbatteoata itillaln, inter sitiniia tumlosa, styfo
ejus Jitinirlo hicvi>ii aptcalata, aepts Bvanldo. — *Creacit* in ml*rr<Ni> r<-.
summa jalpteKsh-Daloo ivrhi.i^ ansUaUa. — LfOala r. „tuucophylua ei*anu* i> quibus
eximo

TribusH. TILLASPIDAE DC.

4885. TILLtsiU Dili.

(DC. Pnnir. I. IT5. — Wt>rsi. Hfit<rt. I. 135. II. 796. V. 37.)

1. TILL ROTUND I FOLK i M Tteeo, Pl>int. rariur. Si<ili>< pag. 40. — Gltiucr^
culls oboratU enargtMtl alatU, Kub-8-sjicrniih, .siigm<t< newtl) tacraasaloj fi>ii> in-
tegr, radlcAltboa puttollatta, etallata atMDibm aatplexIcaitUbu cordafia aubfotmu
ovall>I] euleereeto, bailcabnunoco.0? — Clntn>rtimur-, caul>!> polle<n> simpli-
ce> v>A tiasi i^iiiiui tamest, r>ll>> erectla Indtvlaia, ceprall Blalforibus ; folia iiteger-
rima v>I obsolete oresata canoaala, ndfealta petfoUta aobotMeoleta ant spathaWi
caulina multo majora (utiroiuinln ovata olifauesiiiM, rac^mi runftTti, I—^poflkMN
pedunculi ileiiKim |>tt>-ntuit, ailiculis subocfjuattjs; ncjttla obtDM, aj>ice concava ei<*

- rubentldi corolla alba (parra), petalia oblongo-ellipticin, calyce Irtnloribus s Mlieul>
 obofoU ftUta pniftinde emar^inata, lofeajil iibtiisis, nfigfIM a«Bil« incrM*»*uJ''t
 m« H»»*1P^ plabra Wvla ruftarmtU. — A *Th. arveml* caule *hitsi* tflijtum r*¹¹iso,
 folia caulitiiiv Kulirutunil»»viiUs, nilii'iitts ohovftti* fclatts, sligwnte BCaaih uKTiisviin
 abunde lafluctnm, — Crescit in berbidU nuntonta ltun>idlus<:ulis SlcUtas*
9. *TUL. QLADCOBYIXDM* Bamioiul in (*iny*, H>r. *iMlen*. I. Kin. f — H,i-i II gnoza
 caupftou; caullbw pluribda follosia glabria ereclis Kimplicibns; f.ilits laucia gl
 btntmla, radleallbu oblouglt, Uaii in br«vem petioinm attenuatia iotcgrtn, caul
 Jii'vsilitjim (j«-a(is, ta-ff aurimlatW: Qorlbaa tSbV, corymbo la glabra, sillicula oboratt
 DM) uliiiiii li)<Sjii:rina, spice gubemarginSUI, stylo (FV«to Ju¹⁰ vol Hlpobreviore.2}." "
Ctmelt m CiriU k4 Santiago.

4887. *IBJRBIS* £isn-

(DC. Prodr. I. 178. - Wlprs. Repert. I. 13ff; II. 759.)

1. *I. RHODOCAKPA* WU&oma, Bolan. Zelt. 1847. 23'. + — Basi sufflute,Jiceiu t • aute
 hide a bat! in ramos MiinplictiS f.isttgiatus iwceiuleutes diviso; fulii* ad baaln raffiO'
 mn Caefeulitia emaaia amdiulalia panu da<tatla atn int'^^rriwidi aHicolia unibelm-
 tis confertissimis amplis orbicardato-orbicularibus albidis, marginibus lobisque purp- eis,
 ttylo tUfirmi Mituni obtuaoDI Kujicrantei Bfiinnitbux fill dmidiatu. flvoUs brev(«tiaM
 marginatis fascia. 2. — Crescit in Sierra Nevada in sabulosis regionis alpinae.
2. *I. BOUTELOUI* U'hik. L. cit. — Herbacea hiivji.i aurH (caulis; canibus acum. antibus
 subsimplici) iM roUoalfj r«>f raUicalibun r. vul lisamb I >v>lo laitcunlatUplnnii
 dia, l.l.i.,iti].ii: iF>i,l>lusis InU's>'irimi<, MiJ,riiK>>is anilibescribus " p«Holum atteoua
 apice du:in>, lucto-dentato-crenatis; sulcibus .Ibis nmbttladii) si-jiulis ovaltbas ob-
 tusissimis blrsutiUcalU; siticuiiv — *I. jünata* Baatelou (aec L.) — Creicit
 III i:(illibun ariili-i fXOft Aiaiju.

^^^

(Wljirs. Ki't-rt. I, 188.)

1. *II. KOTSCDYI* Boiaa. — Wlpre. L. e. no. 3, — AU>* xo Buwgcgri ltei*c lift. 3. t. 11.

iMt'.i nr; \o Mi L L E .i DC.

(DC. Prodr. I. 1*1. — Wlpra. R«pert. I. 150.)

1. *M. ANCMSTtloi*.IA l>te*1, UnUti, Kcmrrknii. p. 0. — IHtlvrt x *M. tineuri* r>-
 dice Slifotnl mniu*, caulr solitariip imilvjsd aractai foliis angaata Doearibua lotag<r-
 rialis, DoMiiH brrrlter peiiccium, pitUhw obontO'Vaerutbaa, cal/ce plus quam ihr-
 plo loogtorlbaa] «ilt<:uli* *(f[*itaf Ute nUtis, loealantn Aaeo loagttadnaJftet tm-
 C>it«eriitJi(o. O — Creicit En p>scuU gUrcoals t'bili ad iuaBen CM bfnml et la monta
 La Lron« l'ii<ii; t^ua.
2. *H, IH>iNATll'n>AlJikni*. 'L.inl laO>y, Vloia<%Qeita I. 182. t — Erect* eana i omentosa:
 caule ramoso folioso: foliis impari-pinnatis sessilibus, pinnis angusto-linearibus lon-
 gilit iilitjriN aiulii, yube Jtnrui imuscijutibus; WtajiS VMUWt multllloris; !<irihus Lu-
 teolis llabria hrarlttu padtcolUtfaj atUeola blralvl, vajfb in margim aLlis et tuber-
 culato-e (ttpatic 2JV — CI-MKU in Chili fit>v. Caqntmbo MI eleraioas WOO pedum.

Tribus V, *EVCLIDIEAE* DC.4898. *IHXiION'IOf* Ortnr.

- (I)*. Ptodr. I. 1«. — \ViJirs. IU{n-rt. "I. 13J. »(i. t59, — r.emis, a el. feCHGB ad
 GSEKJPEODEAJS r«Utum, a cl. LEOEBODB iii-rum ad <uu<JIFERAS iwociteic. • —
 H<-ra [U. Z.J I. 1847. p. 723.)

Caly^ tetraphylliiUjfoliia deciauU,dttohuR lateraHbiw basi saccatis. Co-
 rollac Teiala oblonyo iiuearia acfiualla. Stamina teUadyuama Uypogyna

libera edentula, longiora petalis subduplo breviora. Stigma exacte sessile convexum indivisum. Stylus nullus. Silicula transversa bilocularis, loculo altero monospermo, altero sterili minore, indehiscens bivalvis, valvi* dissepimento arete connatis connatis, in processum pugioniformem productis, singula in utraque facie spinis duabus variae longitudinis armata, extus reticulata, epicarpio cum endocarpio non nisi fibris cohaerente. Semen unicum horizontale compressiusculum, basi strobilifera biloba auctum. Cotyledones planae accumbentes.

Subordo II. *JOTORIMZKJJE DC.*

Tribus VII. *SISYMBRIAEVC.*

4902 *MAIXOLMIA li Br.*

(DC. Prodr. I 186 — Wlprs Repert. I. 700 II. 960)

- 1 *M BICOLOR* Boiss & Heldr. Dugii. pi. nov. orient. VI 10 f — Annuum, pubes ad pressem bipartitum, ramis tripartitis anescens asperulis caulibus uno vel pluribus basi adscendentibus humilibus perennans, foliis trifidis ovatis, caetens oblongo lanceolatis, omnibus basi attenuatis breviter petiolatis obtuse integris vel infimis obscure denticulatis, nervis inanthibus subtapitatis deinde elongatis, pedunculis calycem aequantibus, petalis obovato-spinatis intermixtis roseis, basi trilobis, ungue exserto flavo, siquis pubes bipartitus in partibus erectis patentibus lectis brevibus, stimite atuto diametro suo non longiore terminatis 0 — *M lyrata* Ury et Chaub. H. Pclouy (nee DC) — Affinis *Jf. Chiae, Graecae et Ommanae* — Crescit in montibus regionis excelsioris Ladakha, Nairadovum, Hagios, Lhasa etc. copiose.

4902. *IILSPKRIN Linn.*

(DC Prodr. I. 188. — Wlprs Repert. I. 160. II 700 V 38)

- 1 *H MULICULIS* Boiss. Diign. pi. nov. orient. VI 10 f 4 Perennans caulibus uumerosis teretibus a basi ramosissimis intricatis parce foliosis, ramis virgatis paucis apice induratis subspinosis, glabris parvis tuberculato imperis, folis tomentosis, nervis inaequaliter intermixtis obtusiusculis in petiolum breviter attenuatis, bupenoribus ad racemorum basin linearibus minus, florus in racemosis superne abovatis secus ramos dispositis, pedicello patentibus demum reflexo calycem aequanti sulcatis, induloso aspens, sepalis tomentellis praeterea parce glandulosis, petalis anguste linearibus flavidis violaceo striatis, calyce duplo longioribus, siquis deflexis parcissime glanduloso aspens, caeterum glabris, basi attenuatis teretibus parce et remote semimixtis, apice vacuo compresso rotundato, stimite obtusissimum obscure bilobum 2] — Affinis *U pendulae* et *U podocarpae*. — Crescit in rupibus montis Sabstus Uschiom piope Chiraf.

4904 *DONTOSTMION Andtz*

(Wlprs Repert. I 163 — *Andreoskia* DC Prodr. I 190)

- 1 *D GKAJNDIFLORUS* Bnge. Arb. des naturf. Vereins in Riga I 14? f — Annum glandulosum caule erecto terete, betis simplicibus patentissimis birto, folis linearibus sinuato-dentatis pubes bipartitis hispidis, ractmis elongatis multifloris laxis, florus longiusculis pedicellatis, petalis calyce duplo longioribus, lamina linearibus oblonga, filamentis majonibus ad medium cohaerentibus, demum solutis, apice dilatatis, siliquis (junioribus) glabris rectis. © — Crescit ad fontes Agatme, in lapidibus kramtilis prope Bakih et alibi.
- 2 *D URCINATUB* Bnge. I c. 148 + — Annum eandulosum caule erecto demum ramossimum felibro, folis runcinato-partitis pubes bifurca ciliolatis, ractmis elongatis, florus breviter pedicellatis, petalis linearibus spathulatis sepalis triplo super ramulibus, stamibus majonibus per perla cohaerentibus, biliquis compressis glabris uncinatis contortis, stimite acuto. — Crescit in deserto arenoso Kialkum, in deserto inter Kuwan et Syr Darja.

3. D. BREVIPES Bnge. 1. c. 140 J — Animus e^landulosus caule di^ancato vel eretto ramofto glabro \el lime unit* pilis bifjrus adperso, foliis oblongis grosse sinuatq deutatis Mihpfnnatffidive, parce bispiduliN glabrisve, floribus subses&ilibus, petahs linuanbuh i ilyre sesquiloni;iorilius , stimIntbus majonbus per pana cohaerentibus, siliquis compressiusculis bifurcItmetretrorsum fteto&igglabresieutibusve, inferioribus tontortis summis rectis, sli;,m iti' acuto. © — Cresut in collibus sterilis&imis ad Uu-fhartni, A., it mi it intr Isthakjr Atd et Nasarbai Chuduk.
4. D. S(OH'IOIDLS iju^* 1 <• ijO'-i — Vnuus i ^lamlulosu • caule ramoso erecto, pube partita et slmplItl lanesieuti luspido , Coins oblou^it integcrrimis supenori busve pirrc sultilentatin pube pirtita hispiduhs, ricemis florentibus abbreviatis, flonbuH lirevitiT pi>dlcellatis , petal is IIIK an spathuhtis, c Uyce duplo lon^ionbus , staminibus majonbus per pina Lohaereiitibus, siliquis t>ubtetra;onis compiessiuscu IIIK, pubf furcata tano hispidissiiniN returns involutis ret tiseve , stigmatate crassiustulo obtubu. 0 — Crescit prope Hutliaram, liumenbai, Juss Kuduk etc.

4905/7. STKEPTOLOIFIA Bnge.

(Huge. Arbnt. des naturf Vert ins in Ki^a. I. 155.)

Calyx basi aequalis patulus. Petala breviter un^uiculata emarginato-rectiiHa. Stdminum niRjorum filamenta extus appendiculato-dilatata, glan-ciula interHtineta, mfuorum utriiujue deiitit ulo rotund a to aucta glanduliscjue stipata hti^ma subsessile capitatum subbilobum. Siliqua longitudinali-ter tort a linearis tcretiusiula, inter ^eminj. tonbtricta, valvae obsolete unincrviac. Dissepionum transverbe areolatum enervium. Funiculi 8emiidle» seUcei elongati libri. Sumina uniseri.lla pendula ^ranulata. Colyledones lineares sti it te incumbentes. — Herba dnnun, pilis centro affixiH rdiicscenti a^pM ula: foliis lineari spathulatis, radicalibus interdum piiiiiitilido-dentatU, Lacemis cl>ra(teati^laxis, tioribus alb is — Genus ha-bitu ab omnibus distinctum, diiVct a *Sisymbrio* staminibus, dissepimento, Hcminibus pianulatis, a *Dontostemonc* btaminibus basi extus> dilaUtis ncc connatis, ncc apice dente auctis et indumento, bigno in ^eneribus ^<rutiferis sempor gravioris momenti; cum *Erysimo* induimento convenit, cactcrmn I on j;c abhor ret; ab *Hesperidc* sti^mate dibtinguitur; a *Strophadc* silltjiis dehiscentibus valvisque unincrvii dilTert; cum caetcris generi-bus nil habet commune.

- I. •Mil DKSLKIKOKUM Huge. 1. c. 150. f — Crescit in collibus siccis inter Agatme et K>ira^ata, prope I lumenbai, Juss Kuduk, Hakah.

4906. bISYWimiOI Lbm.+)

(DC Prodr. 1. 199. — Wlprs. Ilepert. I. 103. II. 760. V. 39.)

1. S. (*Narta*) SIIKSPINESCENS Bnge Arbnt. des naturf. Vereins in Riga. I. 131. f - Pereiue multicaule glaberrimum. caulibus ramosis, ramis dtvarkdtis stenhbus sub

•) A *Sisymbno* non differt genus I(es(ur)tima

- I. DhSCOIIIAlNIA I'hYIIOHSIANA Moulms in Duchartre, Revae botanique. I. 3%. — Fulim radn allbus infimiN ublongo o'alis» obtusis parrissime dentatis, riro integns, se queutibus prorundiuN dintitis, laulmib gl ibres(cntibus, mediis paucidentatis sinua tiHve, ran us Ninuato pinnitifidis (et turu sinubus macquanlibus) 5—11 lobis, lobis il^*11 tibuNve integerrimiH ohtihiusi ulis, lubo termmh an^usto elongatn , petiolis lutleii ter auntulatis (aunmlis raro evanescentibus), folus supeuoribus (1—2) liueaiibus aut Irre^ulariter I—2 dentatiR pedmillos mfenorts slipantibus, ratemu bimplo, pedicel lib trissiustulis vix 3 nullim lon^is, stigmatate subsessili, semimbus sub U »*« eV1 dentissime stnato punrtatis, radii ula vix dorsali. — *Sisymbnum bursifohnm a L^>** libr. Pyren. iM (non Linn) — Ciescit ad lacum dEspnngo et d Estoubons.
- M. D. PLNxNAIIIDA ». Webb, It Ilisp. ex Moulins 1. t. - loins radnalibus infii^* oblongoovitis dtntatis utnatisvc, raio integns, stqm ntihus smuato pmnatifidis, c>^*11 Inns omnibus quindoque glabrescentibus regul inter et pettinatim piiinatipa^111 5 — 13 lobiH (smubus aequahbus), lobis lineanbus integerrimis obtusiusiulis, 10D<3 terninidli trilobulato pl<iunique Ute lotuudato vel angulato, petiolis auncufatis (*:11 1

- spinescentibus; foliis obovato-oblongis Irregulariter dentato-lacerig; racemis paucifloris laxis floribus pedicellum subquadruplo superantibus; petalis spatulatis erectis; siliquis subtetragonis elongatis; stigmatibus sessilibus capitato. — *Brassica subspinescens* F. & M. — Crescit in promontorio Airakli in maris Caspii ora orientali.
2. *S. DECIPIENS* Bnge. 1. c. 153. f — Bienne glaberrimum glaucum; caule erecto tereti laevi, superne patulo ramoso; foliis omnibus petiolatis, radicalibus caulisque lyrato-pinnatifidis, lobis acute angulato-grosse-dentatis, ramealibus lineari-oblongis integerrimis, in petiolum attenuatis; petalis calyce patulo plus duplo longioribus; siliquis patentibus rectis strictis, stylo brevissimo, dissepimento late uninervio. — Crescit in lapidosis Karatau ad Sarafschan superiorem.
3. *S. (Irio) CUMIN* Gil Presl, Bot. Bemerk. pag. 9. — Differt a *S. canescente* praecipue siliquis lineari-lanceolatis (nee clavatis) pedicello longioribus (nee dimidio brevioribus), foliis petiolatis multijugis (nee sessilibus circiter 7-jugis). — Crescit
4. *S. (Arubidopsis) RUPESTRE* Edgwrth. Transact. of the Linn. soc. XX. 33. — Pilis furcatis stellatisque hispidum: foliis radicalibus obovatis, cauliculis oblongis integerrimis denticulatis; pedicellis calyce hirsuto longioribus) siliquis pilosis rectis. — Herba erecta parce ramosa palmaris. Folia crassiuscula hispida. Racemi paucifoliati. Pedicelli ebracteati, fructiferi patentes. Sepala erecta anguste ovata acuta. Petala oblonga angusta alba. Stamina edentula. Antherae ovatae. Glandula utrinque placentaria 1, valvaria 1. Siliqua subteres compressiuscula subpilosa. Semina alternatim uniseriata, cotyledones incumbentes. — Affinis *S. contortuplicato*. — Crescit in Bimala, alt. ped. 13000—15000.
5. *S. GAYANUM* Barneoud in Gay, Flora Chilena I. 122. f — Glabriusculum: caule erecto folioso ramoso; foliis oblongis vel subtriangulari-ovatis, argute serratis, magis minusve pinnatifidis vel profunde dentatis, latis, laete viridibus, in petiolum attenuatis, summis sussilibus dentatis; spicis multis terminalibus; loricibus albidis pedicellatis; siliquis glabris elongatis; stigmatibus sessilibus. — Crescit in Chili prov. Coquimbo. 1;
6. *S. PINNATUM* Barneoud in Gay, I. cit. 125. f — Glabrum caule basi prostrato ramoso, cauliculis ascendentibus foliosis ramosis glabris; foliis sessilibus imparipinnatis, pinnulis anguste linearibus integris vel raro dentatis, spicis laxis glabris terminalibus; floribus albidis pedicellatis; staminibus basi filamentorum glandulosis; stigmatibus sessilibus mammoso-jugis siliquis torulosis; seminibus 1-seriatis.
- var. [3. *pubescens*: pilis stellulatis vel bifurcatis; foliis villosis imparipinnatis erassiusculis, pinnulis multo brevioribus et angustioribus; floribus paulo majoribus albis; spicis pilosis; pedicellis brevioribus. — Crescit in prov. Chilensi Copiapo.
7. *S. PIMPINELLAEFOUUM* Barneoud in Gay I. cit. 129. f — Cinereo-tomentosum: caule piloso simplici vel ramoso folioso erecto robusto; foliis sessilibus bipinnatis
-
- culis In spec'im. Pyrenaeis frequentius evanidis: foliis superioribus (1—2) linearibus aut irregulariter 1—2-dentatis pedicellos inferiores stipantibus; racemo ut plurimum composito, pedicellis gracilioribus 5—6 millim. longis; stigmatibus sessilibus; seminibus* sub lente tantum acerrima et luce favente tenuissime striolato-punctatis; radice vix dorsali. — *Sisymbrium bursifolium* (3. Lapeyr. 1. c. — *S. bursifolium* Vill. — *S. pinnatifidum* DC. — *Braya pinnatifida* Koch. — Crescit ad lacum d'Escoubans et de la Zlére, in summo Tourmalet etc.
3. *D. BOUYI* Boiss. — Moulins 1. c. 39H. — Foliis radicalibus infimis oblongo-ovatis obtusis integris, sequentibus parvisse dentatis, cauliculis pinnatis 5—8-lobis glabrescentibus (sinibus subquadratis), lobis distantibus oblongo-linearibus obtusis integerrimis, lobo terminali maximo (inferius subrotundo, superius linguiformi); petalis auriculatis (aurioulis inferioribus evanidis); racemo simplici nudo vel pedicello inferiori folio lineari stipato; pedicellis gracilioribus 5—6 millim. longis; stigmatibus sessilibus; seminibus?; radice laterali. — *Curdamine heterophylla* Bory. (nee Host.) — *Descourainia pinnatifida* B. Webb (ex p.) — *Sisymbrium bursifolium* y. Lapeyr. I. c. — Crescit in Sierra Nevada, Pic d'arvas in Asturia.

fidis, pinnulis utris, obtuse dentatis, utrinque canescentibus; pilis stellatis; spicis terminalibus laxis multifloris pilosis; floribus luteolis pilosis pedicellatis; corolla calyce aequali; ailiquis glabris hrevibus, stigmatate subsessili; seminibus uniseriatis. — Crescit in Cordilleris Tilito in Chili provincia Coquimbo.

8. S. MACROPHYLLUM Barneoud in Gay 1. cit. -h — Virescens glabriusculum: caule magno folioso puberulo siraplici vel ramoso erecto; foliis bipinnatisectis amplissimis sessilibus glabris vel parce pubescentibus, pinnulis obtusis inciso-pinnatifidis Utis spicis longifi terminalibus laxis; floribus luteolis pedicellatis; corolla calyce aequali > •Uiquis glabris compressiusculis, hstigmatate subsessili; seminibus uniseriatis. — Chili*

f SPECIES MDESCRIPTA.

- S. SCHIMPERI Prsl. Bot. Bmrkngn. p. 9. — Schimp. Hb. un. it. Arab. no. 170.

4908. ERYSIMITI Linn.

(DC. Prodr. I. 169. - Wlprs. Jlepert. I. 167. II. 761. V. 39.)

1. E. (*Cuspidaria* DC.) RARIFOLIUM C. Koch, Linnaea XIX. 52. — Pluricaule, pili» 2—3-fidis vestitum: caulis erectus simplicissimus rarifoJius; folia radicalia longe petiolataoblonga, basi attenuata, Integra aut ad basin paudentata, caulina inferior* petiolata, taetera amplexicaulia, internodio suo duplo minora, oblonga, ex basi sagittato-auiicolataunldentata, snprema dentata; (lores capituliformes sessiles; petalorum lamina rotundato-oblonga, ungue suo paene triple breviorj stylus longitudcne germiniw, stigmatate subbilobo instructus. — Crescit in Asia rainari septentrionall.
2. E. (*Cuspidaria*) LEPTOPETALUM C. Koch, Linnaea XIX. 52. — Pluricaule, pUis bi—trifidis vestltum: folia radicalia longe petiolata oblonga, basi attenuata dentata, caulina sessilia aut in petiolum attenuata runcinata; calycis quam pedunculus majoris phylla anguste oblonga; petalorum lamina oblonga, ungue suo minor; stylus longitudine germen superans, stiginatn capitato instructus. — Crescit in Asia minori Reptentrionall.
- S. E. (*Enjtimmtum*) PERSEPOLITANUM Boiss. Diagn. pi. nov. orient. VI. 11. f — ' l'crenne caespitosum, totum pube bipartita adpressissfme aericum: foliis angustissime lln«aribus acutis, radicalibus in petiolum longum caplllarem attenuatis, eaulinis brevioribuM s««sililibus, omnibus intcurriniis; caulibus erectis parce ramosis; racemis sub anthesi capitatis, dein elongatis; pedicellis calyce duplo brevioribus; sepalis exterior* libus basi saccatis, unguibus calycem non aequantibus limboque oblongo glaberrimis; glandulis placentariis bilobis; siliquis adpresse pilosis stricils angustissimis compressiusculis llinearibus, apice subattenuatis, stylo siliquae aequilato diametro suo triplo longiori glabriusculo stigmatateque bilobo ea non Jatori terminals. — Affine *E. leptophyllo* et *venicolori*, quae differunt pube tripartita, floribus raajoribus etc. — Crescit in coJiibus prope Persepolin et Schiraz.
4. E. (*CONRIIXGIA*) PERSICUM Boiss.Diagn.pl. nov. oriental. VI. 12. \ — Annum, glabenimum: foliis caulinis ovato-cordatisamplexicaulibus; floribusflavisparvls, ungue petalorum calyce hreviore; siliquis pedunculo crasso brevissimo suffultis arcuatis, stylo attenuato latitudine suae aequilongo terniinatis, valvulis . . . ? — Plant* bipolUcariH > folia semlpollicaria, 3 Hn. lata. Habitus *C. clavatae*, a qua stylo non clavato dignofccitur. — Crescit prope Schiraz et in convallibus supeiloribus montU Kuh-Barsi.
- B. E. (*Syrmia*) INCANUMKze.Flora[B. Z.]1846. p. 752.-Annum cano-hispidum: caule slmpllici erecto; foliis oblongis, radicalibus petiolatis tuncinato-pinnatifidis, caulinis •essilibus, sinuato-dentatis -, floribus congestis subracemosis, breviter pedunculatis; •epalls patulis) petalis calyce longioribus; siliquis (immaturis) tetragonis patentierectis lncanis. - Crescit In summo cacumine montis Pico jairo, meridiem rersus c. 4000' in Hispania.

4909. TETRACME *Bnge.*

(Wlprs. Repert. I. 171.)

- I. T. RECURVATA *Bnge.* Arbtn. des naturforsch. Vereines in Riga I. 158. f — Follis caulinis pinnatifidis v. sinuato-dentatis; siliquae incanae stylo conlco auperatae cornubus elongatis patentissimis v. recurvis. 0 — Crescit in collibus slccls arenosis pTope Bakall, Agatme ad Jan Darja nuvium et in arenosis Klsil-kum.

4910/i. PRINGLEA *Anders.*

(Anders, mss. in Hook. fil. Antarct. voy. of Terror and Erebus 338. t. 90. 91.)

Petals nalla. Staminum filamenta brevia dilatata edentula. Ovarium obovatum. Stylus subelongatus. Stigina capitatum. Silicula oblonga, valvis convexis navicularibus, dissepimento nullo. Semina plurima biserialia oblongo-cordata, in rostrum breve producta; testa crassa subspongiosa albida. Cotyledones accumbentes. — Genus nulli arete, affine, *Eutremac* forma seminum dissepimentoque retracto accedens, sed potius *Drabac* indole siliculae et structura embryonis relatum. Herba magnitudine varia, plerumque elata. Rhizoma elongatum prostratum. Folia in capitulum magnum congesta. Pedunculi infra folia orti erecti foliosi. Silicutae plurimae majusculae.

1. P. ANTISCORBUTIC A *Anders*, mss. in Hook. fil. 1. c. 239. t. 90. 91. — Radix (seu rhizoma) prostrata longe repens 2—3-pedalis crassa, diametro 1—2 unc. teres, transverse annulata, sublignosa, sapore *Cochleariae Armoraciae*, praecipue versus basin fibras crassas divisas ramosas emittens, ad apicem foliorum capitulum magnum scaposque 1—2 elongatos gerens. Folia imbricata, in capitulum, *Brassicne oltraceae* magnitudine formaque referens disposita, 3—6 unc. longa, latissime obovato-spathulata, basi in petiolum latum attenuata, carnosu-coriacea concava, margine integerrima ciliata, interdum pubescentia, intus vasibus oleo subtilissimo repletis percursa. Pedunculi infra folia e rhizomate orti ascendentes 2—3-pedales foliosi sulcati, crassitie dlgiti humani, Intus spongiosi, foliis plurimis Imbricatis late obovatis sessilibus tecti. Racemus fructifer elongatus 6-unc. ad pedalem, e siliculis perplurimis dense congestis subclavatus. Pedicelli clavati erecti. Sepala oblonga obtusa, dorso pilosa. Petalanulla! Stamina parva, filamentis dilatatis. Siliculae %—1 unc. longae oblongo-lanceolatae, vel breviter oblongae erectae pubescentes vel patentim pilosae, pilis simplicibus, rarius glabrae; valvis coriaceis, dorso convexis, obscure uninerviis; repleto gracili persistente; placentis biserialibus, e dissepimento retracto fungosis. Semina perplurima majuscula I lin. longa subimbricata, e funiculo valido arcuato pendula, ovato-cordata subcompressa, deorsum In rostrum breve obtusum producta, testa crassa spongiosa albida, cotyledonibus accumbentibus, radcula mediocri aequi-longa. — Crescit in insula Kerguelens Land.

Tribus VIII. CAMELIJSEAE DC.

4919/^\ SPHAEROCARDAIttUItt S. Schauer.

(S. Schauer, *Linnaea* XX. 720.)

Calyx 4-phyllus, phyllis patentibus, basi aequalibus. Petala 4 indivisa angusta. Stamina 6 tetradynama edentula. Silicula subglobosa, leviter marginata, valvis facile secedentibus valde convexis, dorso obscure uninerviis, septo rhachi contrario late suborbiculari integro (haud fenestrato), stylo integro in repleto persistente. Semina in quovis loculo bina pendula immarginata laevia, funiculi brevissimi. Embryo notorhizeus, cotyledonibus planis septo contrariis, radcula placentae ad versa. — Genus proximum *Camelmae*, quae vero diifert loculis polyspermis, siliculae valvulis apice in processum stylo interne applicatum productis, dissepimento valvulis dejectis stylo orbato.

- *S. ISESLIAEFORME S. Schauer 1. c. f - ©? (\$? - Crescit in Mexico.

Tribus IX. *LEPIDINEAE* DC.4928. *IONOPSIDIUM* *Ichb.*

(Wlprs. Repert I. 175)

- 1 M. ACAULERchb. - Wlprs. 1. c. no. 1. - Lindl. Bot. Regist. 1846. t. 51.
- 2 I. ALIJITLORUM Duneu, Revue botanique II 433. — *Glaberrimum caulescens*. caule a basi pane ramoso, ramis ascendentibus, foliis infernibus petiolatis ovatis subinternis, superioribus sessilibus integris paucis trilobatis, racemis foliatis, magis minusve elongatis, floribus pedicellate (omnibus axillaribus), sepalis oblongis obtusissimis toncavid, basi aequalibus, petalis unguiculatis, calycem subduplum longis, limbo obovato, siliqua longitudine pedicelli, oblonga, angustissime emarginata stylo brevissimo mucronata, loculis 4—5 spermis, semibus ovatis. — *Cochleanae Darcae*, petalis albis. Semina, ut *Ionopsis acaulis* BILCA tuberculata, aquae bulhenti immersa munculata seu echmulata. — Crescit in Alpeaenae occidentalis rupestribus calcareis.

4932. *LEPIDIUM* *R. Br.*

(DC. Prodr. I 203. — Wlprs. Repert. I. 170. II. 42.)

- 1 L. CALICORUICHUM K. FloTa [B. Z.] 1846. p. 756. — *Bienne senperenne*, cano hirtum caulibus numerosis diffusis deumbentibus, foliis radicalibus ovatis subintegerrimis, superioribus lyrato-pinnatifidis, caulibus angustis sagittatis subdentatis, basalibus birsutis, petalis spatulatis distantibus (albis), siliqua ovata ellipticis obtusis submarginatis, atylo luteo, filicula duplo brevior. — Crescit in Sierra de Unquera in glarosis regionibus alpinae 5000—6000' in Bispunia.
- 2 L. ERINACI-UM Boiss. Diagn. pi. orient. VI. 17. — *Glaberrimum glaucescens*, totum bulbosum osum dense caespitosum caulibus humilibus parte foliosis, a basi nimosissimis, ramis intricatis brevibus nudis rigidis, apice acerosis, foliis ad ramorum basin paucis caulis parvis oblongis spatulatis sessilibus, basi attenuatis floribus paucis semis partem inferiorem ramorum laxiuscule racemosis, pedicello recto brevissimum sudultum, calycis sepalis obtusis anguste albo marginatis, petalis albidis oblongis integris calyce subduplo longioribus in unguiculis attenuatis, filamentis rili fotmlhua, siliquis anguste uhlongis a latere compressis, apice longe atitudinis atutis, siliqua sessilibus apiculatis, basi rotundatis, valvulis navitulanibus dorso tan nato rotundis apteris, ovulis sohtariis oblongis cum funiculo dilatato supra medium loculoium insertis pediculis, septo angustissimo. — Habitat omnino *Vellae spongiae*. Spt cit. distiintissima nulli afrinis. — Crescit in alpe Kuh Datna Persiae australis.
- 3 L. BRLVITAULE Uarnfoud in Gay, Flora Chilena I. 15. 1 — *Herba tenuis prostrata* ladite annua vertkali, comis pinnatis lobulatis pubescentibus vtil glabris patulis, in longum petiolum attenuatis, pinnis dentatis vel integris obtusis, floribus minutis albis breviter racemosis, siliquis pilosiusculis foliosis, calycis petalis vix longiore; bivalvularum margatapedicello brevioribus, staminibus sessilibus, staminibus bimis, ceteris abortivis — (in cordillens Chilensibus ad (oquimbo in montosis graniticis).
- 4 L. LAFTATUM Barneoud in Gay, Flora Chileni I. 15. — *Annuum albidum hispidum* foliis subpinnatifidis sessilibus sparsis pinnatis, pilis simplicibus, (floribus eolitaris terminalibus, longe et graecis pedicellatis, calyce hispidulo, corolla alba brevioris staminibus G U traduntur, filamentis integris, stylo brevi siliquam pilosam et fipice nou emarginatam superante, semina ignota. — In Chili ad Santiago.

4934. *AETHIONEMIS* *IX. Br.*

(DC. Prodr. I 208. — Wlprs. Repert. I. 179.)

1. AE. GRAECUM Itoiss. Diagn. pi. nov. orient. VI. 10. — *Glaberrimum glaucescens* multicaule laevibus brevibus basi nuda prostratis, dein erectiusculis dense fofofcis foliis parvis carnosius ovatis vel oblongis obtusissimis sessilibus, infernibus basi breviter attenuatis, racemis subcomplexiculis, racemis foliis superioribus contiguis in anthesi capitato corymbosis, fructiferis elongatis, pediculis tenuibus ttoem aequan

tibus, petalis carnis, sepala rubella anguste folio marginata magis duplo superantibus, filamentis minoribus valatis, majus incurvis unilateraliter ad $\frac{1}{2}$ longitudo in deum obtusum abeunte auitis, siliculis pedicello recurvo patulo usque longiore suffultis obovato-obcordatis, basi angustatis, apice rotundato emarginatis, stylo sinu clauso emarginaturae duplo longiore apiculatis. 2. — Affine *At. saxatilis* var. *ovatifoliae*. — Crescit in collibus tataricis Gaecciae, Puteolici et Ijmetti prope Athenas, montis Panici Atticae Argolidis.

2. AE. LONGATUM Boiss. I. c. 17. i — Glaberrimum, basi suffruticosum multicaule caulibus tenuibus subangulosis virgatis elongatis, basi foliosis, superne longissime nudis, foliis parvis elliptico-linearibus obtusiusculis sessilibus, basi attenuatis, ramis terminalibus elongatis laxis, petalis pallide carnis oblongo-spathulatis, calyce duplo longioribus, filamentis minoribus ala umbrali ad medium abrupte truncata auctis, siliculis pedicello axi connatis aequilongis suffultis ellipticis, basi apiceque emarginatis, lobis basilanibus brevibus remotis, iis emarginaturae superne inter se approximatis, hinc in fundo emarginaturae sessili, aliter utrimque diametro locum atquilata, loculis monospermis. 2. — Affine *Ae. stenoptero*, quod differt racemosis corymbosis, filamentis ad medium obsolete gibbis, stylo lobos emarginaturae superante. — Crescit sparsim in rupibus alpinis in Dacia.

4934/2. MOHILHA Boiss. [nec *Marieta*].

(Wlprs. Uepert. I. ISO.)

1. M. UMBELLATA Boiss. Diagn. pi. nov. orient. VI. 16. f — Glaberrima glaucescens: caudiculis repentibus nudis, caulibus brevibus herbaceis, usque ad apicem foliosis simplicissimis, foliis parvis sessilibus elliptico-linearibus obtusiusculis, basi attenuatis, superioribus minoribus, floribus a summis foliis parvis remotis minimis, pedicello usque aequilongis suffultis in racemum capitatum umbelliformem fructiferum non elongatum confertis, stipulis basi subsaccatis trilobis obtusis anguste marginatis, petalis pallide violaceis linearibus, calycem parum superantibus, siliculis suboblongis aciculatis a latere terminalibus, ala luculis aequilata integre cinctis, stylo emarginaturam angustissimam aequante. 2. — Caules tenues 2-4-pollicares. — Crescit in glareosis regionum surarum alpinarum in Dacia.

4934/3. DECAPTEKA Tutin.

(Turczan. Bullet. de Mostou. XIX. 407.)

Calyx tetraphyllus, foliolis basi aequalibus. Petala quatuor longe cuneata integra. Stamina sex fere aequalia libera, antheris oblongis, filamentis superantibus. Ovarium ellipsoideum, stylo brevi stigmatibus globoso terminatum. Silicula bilocularis, loculis indehiscentibus apice styli pendulis, in commissura planis, dorso 5-alatis. Stamina in loculis solitaria pendula; embryo exalbuminosus, cotyledones planae, radícula rimae cotyledoneae accumbens. — Herba perennis humilis multicaulis. Caulis a basi ramosus villis densis mollibus cum foliis, pedunculis calycibusque villosus. Folia sparsa cuneata, in petiolum longe attenuata, apice trifida. Flores in parte superiore caulis racemosi, latemibus multifloris. Pedicelli primum abbreviati, dein flores paulo superant. Sepala dorso villosa, marginibus membranaceis glaberrimis. Petala calycem duplo superantia glabra, in sicco flavescunt. Fructus loculi axi persistenti, e stylo formato, foliis tenuibus affixi, cito cadentes, forma mericarpiarum nonnullarum *Umbelliferarum* referentes. Nomen a fructu alio 10 praedito desumitur.

D. TRIFIDA Turczan. I. c. 408 — 21. — Crescit in Chili prope Acoucougam.

4935. ILEXAPTURA Hook.

(Wlprs. Kepert. I. 180.)

1. H. LINEARIS Barnard in Gay, Flora Chilena I. 176. f. t. 5. — Erecto glabra multicaulis caule basi crasso simpliciter nudiusculo; foliis sessilibus anguste linearibus

acutis integrlmis, passim sparsis ; spica simplici terminali laxa pauciflora ; floribus minimis albidis; calyce* aequali corolla et staminibus longiore; silicula terminali albis coriariis lirevibus instructa; stylo brevi crasso, stigmatate capitato; glandulae 4-lobatae ad basin fructus. 2]. — Crescit in Chili provincia Colchagua.

- % II. LITOKALIS Barneoud in Gay l. cit. 177. f — Annu ramosa glabra: foliis hinc et inde Integris vel raro divisiss sessilibus acutis sparsis; spicis terminalibus ramosis; floribus pedicellatis albis parvis; calyce membranaceo aequali; corolla brevior; silicula hexaptera, 4-lobata membranaceis albidis, 2 aliis dorsalibus ventricosorotundis. © — Crescit vulgaris in Chili prov. Coquimbo.
3. H. JUSSIEUI Uarnoud in Gay l. cit. 179. + t. 5. — Laete vix pilosa ramosa: caule basi prostrato suffruticoso, demum erecto folioso; foliis sessilibus > utrinque pilosis cuneatis 3 — 4-dentatis, summis oblongis obtusis, raro integris; spicis simplicibus laxis multilobis terminalibus pilosis; floribus albis pedicellatis; silicula maxima glabra, alis (> lato-membranaceis) stylo exserto. 2]. — Crescit in Cordilleris Chilensibus ad Coquimbo.
4. *H. CUIYEATA Gill. & Hook. — Repert. I. 180. no. 3. — Barneoud In Gay l. cit. 178. f t. 5.

Tribus X. ISATIDEAE DC.

4937/2. SATTETHARIA LSVJC

(Wlprs. Repert. V. 44.)

1. *S. ARMENADESVX. — Wlprs. l. c — Jaub. et Spach, Hlustr. pl. orient. III. 32. t. 223.

4938. ISATIS Linn.

(DC. Prodr. I. 210. — Wlprs. Repert. I. 180. II. 762. V. 44.)

- J. I. (*Ertmoglatton*) VIOLASCKNS Bnge. Arbci. des naturf. Vereines in Riga. I. 166. — Annu: caule parce ramoso folisque cordato- vel liaatato-lanceolatis, hastatis obtusis; auriculatis obtusis Integerrimis dentatisve glabris, summis apice puberulis; racemis terminalibus simplicibus solitaribus elongatis laxis; calycibus pedicellis filiformibus glabris; Hiliculis denticulatis villulis panduraeformibus, latitudine subduplo longioribus, basi interlobis fmarginatis, apice late truncato-emarginatis alatis, ala margine medio dilatato-subrotunda, loculo mumbrauceo uninervio. — Crescit in arenosis Kuwan Darja, Jan Darja, Kinnikum.
2. I. (*Dasyarpae*) HALLIANIFOLIA Bolss. Diagn. plant. nov. orient. VI. 19. f — Annu tota pilis hrevibus subdeflexis hispidula: caulibus humilibus teneris, a basi ramosis; foliis petiolatis teneris glabris pinuatipartito-lyratis, partitionibus obovato-kpathulatis, latis atteimatis per paria remotiuscula distans, terminali majori, foliorum superiorum lobis lateralibus paucioribus lineari-spathulatis, terminali elongato; racemis terminalibus laxiusculis; pedicellis tenuissimis erecto-patulis, flore longioribus, post anthesin deflexis, apice non incrassatis; petalis intense luteis calyce glabro duplo longioribus; silicula hispidula, parte inferiori a pedicello sursum usque ad loculum centrale incrassato-clavata vacua tereti; loculo centrali seminifero brevissimo lucurvo aptero, rostro terminali lineari apice vix dilatato truncate, loculo non latiore. — Folia ea *Cardaminei prutensis* referentia, sed minora. — Crescit in umbrosis prope Gere inter Abimchir et Schiraz et ad Fontes petrolei prope Dalcchi.
3. I. (*Gymnotpermae*) LATHYCAIU*AJaub. et Spach, IUslr. plant. orient. III. 30. tab. 22. f — Planta 1 — 3-pedalis bievnis uni- vel pluricaulis, modo glabra, modo sparse pilosa, habitu et foliis omnino *hatidis tinctoriac*, floribus quidquam majoribus, et eadem conformationibus, fructibus *lutidi tatisitiquae* (quacum forsitan haud immerito jungenda) affinium et egregie ludens. Pedicelli fructiferi 3 — 6 lineas longi deflexi filiformes, apice conspicue incrassati. Silicula pendula glaberrima monosperma astyla indehiscens polymorpha, disco magis rainusve convexa iutusque fungosa, apice haud raro retusa, junior saepe violacea, matura straminea vel stramineo et violaceo variegata, modo plaua, modo crispato- vel undulato-plicata. Semen generis (*nerope sus**)

pensum, cotyledonibus subconduplicatis incumbentibus, exterlore Interiori crassiore, radícula supera. — Crescit in Iberia.

a. *Betseriana* Jaub. et Spach: silicula (7 — 8 lineas lata) cordato-subrotunda, acuta. — *l. Besseri* Trautv. — *l. cordigera* Boiss.

p. *subcordata* Jaub. et Spach: silicula (3 — 4 lin. lata subtotidemque longa) ovalis vel elliptica vel ovata obtusissima, basi rotundata vel leviter cordata. — ***Isatis latifolia* (ex p.) Boiss.**

y. *lanceolaris* Jaub. et Spach: silicula (Imperfecte matura pollicem longa, basi 4 — 5 lin. lata) ovato-vel oblongo-lanceolata acuta, basi subcordata.

S. *podocarpa* Jaub. et Spach. — *l. megacarpa* Fisch.

8. *nummularia* Jaub. et Spach: silicula (6 — 9 lin. lata subtotidemque longa) 6borhicularis, basi et apice rotundata. — *l. nummularia* Trautv.

£. *macrocarpa* Jaub. et Spach.: silicula (plerumque 12 — 15 lin. longa, 5 — 0 lin. lata) ovalis vel elliptica, utrinque rotundata vel basi subangustata.

4943½. **OCTOCERAS** Bngc.

(Unf. Arb. des naturf. Vereines in Riga I. 172.)

Sepala quatuor basi aequalia patula obtusa. Petala inutissima calyce breviora spathulata. Stamina 6 subaequalia. Filamenta basi dilatata libera edentula. Antherae cordatae. Ovarium subtetragonum, later I bus apice obtuse quadricornutum. Stylus pyramidalis. Stigma capita turn. Silicula subcubica, stylo pyramidato superata, ad angulos superiores spinis quatuor patentibus subhamatis majoribus, ad angulos inferiores spinis quatuor minoribus interdum deficientibus armata, lateribus scrobiculato-rugosa, longitudinaliter nervo percursa, indebescens nucamentacea bilocularis, oculis monospermis. Semen pendulum, testa tenuissima membranacea. Cotyledones radicae longiori stricte incumbentes planae, placentae parallelae, marginibus dissepimentum valvasque spectantes. — Herba annua, habitu fere *Euclidii Syriaci* et quodammodo *Tetramis*, quasi formam hybridam inter utramque sistens, puberamosa subcanescens: foliis sinuato-pinnatifidis, racemis ebracteatis, floribus minutissimis albis, fructibusque subsessilibus. Ab *Ochthodio*, quod proxime affine, differt habitu, pube, floribus albis minutissimis, stylo manifesto et siliculis spinosis; ab *Euclidio* seminibus nothorrhizis. *Schimpera*, cujus synonymon videtur *Traillia*, floribus et habitu sirailima differt fructu uniloculari monospermo inermi et stylo.

1. *O. LEHMANNIANUM Bnge. 1. c. f— Crescit in collibus siccis prope Agatme, Bakali, inter Kintup et Malibasch.

Subordo III. *OMVMOVIIOCMAK* DC.

Tribus XII. *BRASSICEAE* DC.

4948. **SINAPIDEKDROAT** Lowe.

(Wlprs. Repert. I. 184.)

1. S. [*Podocarpica*] GRACILE Webb in Hook. Niger Exped. p. 100. t. 1. — Hooker Icon, plant. IV. tab. 751. — Ramis elongatis lignosis gracilibus foliis ovato-vel spathulato-lanceolatis tenuibus glabris, margine sparse vel obsolete grosse dentatis, denticulis muticis vel spinuloso-apiculatis; spicis ad apicem ramorum elongatis gracillimis; pedicellis filiformibus; calycis foliolis apice pilosis; petalis longe unguiculatis; ovario gynophoro setaceo-filiformi duplo longiore; stylo brevi, stigmatibus capitato subdiscoideo; siliqua lineari, valvis tenuibus glabris subternerviis podocarpio gracili insidentibus; seminibus uniseriatis pendulis, testa [immersa] mucilaginis; cotyledonibus incumbentibus conduplicatis. — Crescit in insulis ad Cape Verd.
- ²* S. [*Podocarpica*] VOGELII Webb 1. c. t. 2. et Hook. Ic. ol. I. 752. — Ramis erassis nodosis i foliis rotundatis ovatisque crassis, subtus nervosis, pilis brevibus stri-

goto hlrtU, msr.u.- M t t f l TPI drmom crt'nato deuatls, hasi lutegrts cunentli peti
 latis, spicis hui liiraulis; caJ,ree aubsaccato-strtgOKM (i«UII* amplik ftavit nurantia<''
 maculatis (?), in unguem attenuatis; ovario la to Kjrfinjilt^r.. t.iml iripU kmgfor*] s
 nut- capKata mb«ea«tll; sUQua. . . V 4- — Crtault In St. Vincut, tomb ad Çap«
 veri.

4949. *BRASSICA Linn.*

(DC. Pradr. I. 'ilX - Wlprs. Rapert. I. 1M. II, 763.)

1. ItR. IM'ILLARIS Kniaa. l» KdUart, HUM Calpetua 'Jlfi, — Radice pcrenni; twH*
 omatibus radicalibus pinnatifidis, liitii^ Anrtaita, ml nervoa <t ntar^in^ta praecipu^
 pills altii* luhnptnoftl* basi dillintU ftraherrfmls; taule jam t Uul raaago, Lisdmi
 p«pIUU r<tr>tala •atirrmulla blrtu; ttirlbu> flaria; *rj;tlf(auhrlauab •, tillqui* erecto^
 lmlulIH jmlil •Tllum liitnni iitill<i nu jirr.iiiUhuk girtb^rrlnt* comproJtsli Mihtorulntn
 stro erin.lu I s)<rrfiif) dupld Ifiittfiiriltjii, va|vul:iruiti iicfvu inedio vntido. Q — lir.chf.i-
 rnthijiura l>t habet folia lytmnt, flora Jujilu Dajorv*, siliiguoJ t*ret«> r«*tr« brevl
 muttas. Dr. TtmntfortH a. habetfolli lJnto-pinnatlfida, floyw albo-vl olaceus 4a-
 ple minore, „ pedoculot iffiquij Utitt 1 anglisio uJoe quadrupla hrcvlore. Dr. I^
 festina DC. »ilijui* tercliliu ruotro rriuKti Im vi obtuao muttlin, c* Ur. tuertgutti Lsig-
 alliqua longistibus, «UliWn* xiattrU T>liUq*« atnliti wnj^ti tlivivis dlffi-rutit. Plcota
 inasper *b ownibu <>ltrilit di*linetiulnu. — Htliiat lit •ectiva »i treciiOHin marli
 ma Gibraltarise, etia iiiiMi rvsua.
2. BR. LAYVALNIS Boiss. Duvii. >'. '""'. oriental. VI. VI. > '"" *""« ter<ti tflato
 ramis albicante, basi parvis hri^nait, AUprmr glabro; fotlll)arc« alrigoala, rtl
 libus petiolatis bipinnatifidis M, cauiitU paucis UMulibaj* pi UK, lauiuUa omnium
 linearibus dentatis; racemis li^tiniatilius iijitl uilltfaln rt^iigulu; (turibus) pedicello
 calyce breviori suffultis; petals obusalo-causatis pallide roseo-lavida violaceo-per-
 vovis, calyce glabro djyfl|lanu>rit. »; siliq>ii »l adpressis ellipfids quadrifurcatis,
 a latere nhMmpn isis rostro plus 1 trUagalul-alongBtd M^tQ iui dlmidiu brevioro
 terminali, r<lvulis m lde com ill totfaataM catinaHs. ft^l-Br, Emeu iliff-rt follis
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 angustior. — Credit eid iniuni l^r-rilruoi, in l^r-rsU aualrall
3. BR. MAURORUM Duran, Revue ImtIrtiM II. *W. — Annua rUU rumnj glauca;
 caule fistuloso, ramisque glabris; foliis radicalibus caulisque inferioribus paret se-
 tubosa lytalis. hilit* paacra appro^i>*Ui mbntegrii QTato•lanctofatti . '• uninall ma-
 sJao kabr^tiiiidu vrl uvato, loptdoribiu folitii glaberrimti lanceolate ablongia, ulti-
 ma puc* linrariliun; rai-etuia rlui^atla, peillrrltia patttiilliulinis; a>e|>ajs lotarlorbai
 bli^tosis, cal•rumhu* malicls t JieUIU caljrcem dujtlum loagbj, limbo httofcontoi
 tlUqul* Mrtid^nihus rompreMla, pedli ello vlt l^ni^i-11 itiii>, roatru IIICLJUH teata
 1 mi-ivi, ralraa illmidlai longo, ntnuk|>croii; iriuintius *•ubsectatis i&rvla glclx>i>is
 puncialls rufit. 0 — Florea lutei. — Crearli In Algeria 011 Identall.
4. BR. TnlUn.d.SA Duri-u I. •. 431. — Iwitlorat, de l^Al^erle (Hot.) I. 74, — AIUIUB
 rrrrta Minolta hisjiilub, supunitt glabra: cula SttbjiBpflatO! foHil T<g* setul
 radicalibus inriTiurilniMjji- caujiniis tiiijijiUitliartitis, plnntl lyt*to — l — •l-ivtiaiB,
 lobis ovatis, (t'our tentatls, Inferior*! rasoto in that bin decurrente, gupcriotlbai
 foliis pinnatifidis, ptnnK titdefoliitn Hu-nrihunvr ar.muitiati*, remote d<n(atls; pet>''
 Jli ijlici-m gUUruiu *Art> »uli>cliii.-Tiin dxplum lon^U; Nili|ul« (tatnlts altgulta
 tirarlhu* Aliliri* toralioand iifinill<irinil>ttK, [icUifrluni *ultttl)luin litn^tK, reMtd an
 putl.iiii BinnrKt)>rmri frfarrvin, Viilvarum [trtem l^ftiam v.-] [<niilitim l<«>g*]; ««*!•
 nitniH Oi^iimit uni<n^ri*tl.i niliilimii ((lulxmi^, miiuti*?)inir pumtsti* rufid. Q — J^lit^
 lutrl. r<liu njiur.it* viridla. — Credit l^Ni|>e Mfrt(sa>in-ni.
9. BH. VAKIA Dnrifu t. r. — Annua erecta raituW hi>)UuU: foliH radkalibus inf-rl'''
 i,i,r) i. i .uliilft pi^ilihitia ainuit^m jilitiatifilhl rol Bublyrats, lohi* d.nt>11> Inn
 Ua acutlt vfl nvatis nhlilHia, *U|n;rinrihu,s TnlU *«*silitma 4enta.tls Tel suhiit>'s;ii^i P^*
 tails rulyrrm dupiuni Inrmiy linibu aajg<ctt•bavaloi antqaJi linrutilius pairiitlhus v^l
 crecila, ^tabru rcl pubaicuttbua, pedcl^llum fere (juadru)uni longij, rostro Iri »<'*''

lineari vel subconico monospermo, unam valvarum partem quartam vel tertiam) longo ; seminibus uniseriatis, par vis ovoideis rufis. — Flores lutei.

cc. campestris: foliis superioribus semi-amplexicaulibus hinc latius dentatis; racemis laxifloris; siliquis pedicellis glabris, rostro brevius obtuso.

p. montana: foliis superioribus sessilibus subintegris; racemis densioribus; siliquis erectis pedicellis puberulis, rostro longius tenuiore, ensiformi vel subconico. — Crescit prope Oran et Djebbel Santo.

4950. SINAPIS *Tournef.*

(DC. Prodr. I. 217. — Wlprs. Ilepert. I. 180.)

1. S. ASSUKGENS Delile, Ind. sem. hort. reg. Monspel. 1847. p. 7. — Foliis magis minusve pinnatisectis sinuatis aut subintegris, superioribus sub axillis ramorum dilatatis amplexicaulibus ; racemis elongatis pedunculis fructiferis assurgentibus; siliquis erectiusculis rostratis, rostro truncato, valvis nervo dorsali medio donatis. — Variat siliquis per racemum contortis longiusculis aut brevioribus glabris aut parce hispidis et lobis foliorum acutis aut rotundatis. — Crescit ?

4955. DIPLOTAXIS DC.

(DC. Prodr. I. 221. — Wlprs. Repert. I. 187. V. 49.)

1. D. (*Catocarpum*) CHILENSIS Rarnloud in Gay, Flora Chilena I. 132. — Pubescens gracilis: radice annua tenui, imbricata piloso simplici vel parce ramoso folioso debili erecto ; foliis angustis integris pinnatifidis vel dentatis sessilibus, utrinque pilosis, pilis omnibus stellatis vel ramosis ; lobis parvis albidis pedicellatis; spica laxissima; siliqua pilosa pendula, tenuiter pedicellata; stylo conico piloso; semina biserialia. © — Chili.
1. D. (*Anocarpum*) PLATYSTYLOS Willk. Botan. Zeit. V. 233. — Ramosa: foliis lanceolatis, inferioribus petiolatis in petiolum attenuatis, superioribus sessilibus, omnibus sinuato-dentatis; siliquis subsessilibus patulis, rostro utriusque compresso lato-urinario. 0? — Crescit in regno Valentino prope monasterium San Litiel de los Reyes.
3. D. SHFOLIAK Ze. Flora 15. Z. 1840. p. 685. f — Siliquis subsessilibus erectiusculis glabris, rostro compresso nervoso-carinato monospermo; foliis pinnatifidis, laciniis oblique ovatis, inciso-lobatis cauleque flexuoso hispidis; petalis calyce patulo parce hispido plus duplo majoribus. 0? — Crescit in vineis locisque arenosis circa oppidum Sanlucar de Barrameda et in isthmo et ad totum sinum Gaditanum frequentius.
4. D. TENUISILIQUA Delile, Ind. sem. Hort. reg. Monspel. 1847. p. 7. — Foliis valde variantibus, inferioribus modo pinnatisectis, denticulatis, modo obovato-elongatis crenatis, superioribus sub exitu ramorum dilatatis amplexicaulibus ; racemis florum erectis petiolis patentibus, siliquis exiles longitudine subaequantibus, valvis extus bifurcatis tuberculis, semina parva ovata rufa tegentibus. 0? — Crescit ?

Tribus XVI. RAPHANEA DC.

4967. CRAMBE *Tournef.*

(DC. Prodr. I. 225. — Wlprs. Repert. I. 189. II. 763.)

1. C. KOTSCHYANA Bolss. Diagn. pi. nov. orient. VI. 19. f — Caulibus elatis ramosis, superne angulatis ramisque glabriusculis ; foliis radicalibus petiolo longo retrorsum et breviter strigoso insidentibus, ambitu ovato-rotundatis sinuato-cordatis obsolete 5-lobis, margine dentatis, dentibus triangularibus, superne breviter et subtus ad nervos copiose strigosis, caulibus paucissimis parvis petiolatis ovato-oblongis argute lobatis; floribus albis magnis filamentis majoribus apice bifurcis ; siliculae articulo inferiore brevissimo cylindrico pedicello aequilongo, superiore maximo globoso laeviter mutico spongiosoinflato. 2j. — A *Cr. cordifolium* differt foliis indivisis. — Crescit ad latera occidentalis Sabst-Buschom prope Schiraz.

497*2/. OTOCIHIMS *Dmieu.*

(Dtirirti, U'vur liulatiqur II. 435.)

Calyx basi sultraequalis, sepulis crfeciie. P«Ula ungniculata, limbo obovalu. Stamina t>, tetradynama, lthmciUJN etientulis. LSiliuola a dorno eoBprewa, totragono-laneaolatacoriftcea, indebjucenjs biarUcnlata, ariinili> Dnilocularibas monospermia, Ml>fT<ure lun<:lore pugiomformi, infra medium danmiu utrinqiK auricilato l>mte nomen generis), auriculi > recta patenlibna. . . .jaeia aUipticU coclilcatis. Semen compressu n ovatutn, artkaJi i>r<rioris pendatura, tupertoris erqctnm. CoLy ledones co ndupKeatae.— Hwba in K<getia austro- nccid<tttatt occurena annua rmo>ti «rectn magU Dtinnsvt pilooa inleriimn ^IjibriiiHCtula; fo- Uia obloo^u fiuiuatO'<letitatin; raceniis <ton^atin, ;ililivHis, pcdlevllis breTibiu incrassatis, rfaachi **apprasai***] petalu ochroleucfa.

1. • liitu M;l's \ U6ATD8 DaHeu t ft. U& — ExploraL do TAigeite (Hot.) t. 77. — i' resrti in Algerlh, Joci< cilcartln propi: Suitluni.

Nuhordo IV. *Si'l Ht> I Oft K A * DC.*Trilnis XVIII. *ERVVARIEAE DC.*

4974. Kill* tin v '• tar.

<D* Prodr. I. 270. -- mjphi. B part. * i i<->)

I. E. CRANDIFLOIA Il,i'-. DIagn.pl. HOV. -.riinita^jj 13. — Glabra: caule erecto ••- l><iii' i amoa) fo iisipetfuktfl bipinnati pwtitia lobis oblongo-line- rilius intc^rls denta- tive, surutiix i<liiri4tl).n 6tis, laciniis anguste lineariibus Miin integris, meciuis hi **authul** capitatis, deis elongatis, s. . . . glabris apice ciliatis. [tetalorua UIIBIH; esstfto, limtio amplo ovato-oblongo . . . violaceo; sili- iiUt: <• recta* ik\ (tdjiit: <uv **uitculo** in- teriore cylindrico, aperturo anguloso a. . . ii. Nrluto Jujtlit latiore, in nljlum el a<- galloa| i abeante 7^ - **JL UniariloUii** iliffert fili<niii> laniuua **anguste** lineariibus elongatis, siliquis articulo superio- I lorolovo cloii^aln. — Crescil In declivibus apr- cis propi Dalechl et Gora Petalan austrahi.

Hubnio r. f>frM;(>f,»n>» if' >(>.Trilnis XIX. *SKNKUIKliK.lK DC.*

4975. HUNK III Kit % /;r.

(DC. Pro*. I. 3W. — Wlpra. K.prrt. I. 190. H. 788, V. 50.)

1. 5. AtlSTK 1113 Book. BL AnUrct vuy. or Terror 4ud Er.lit>i ill. — Ajnuaf **parce** pai.iitint pQotti tanllbM tllffqaUaacendanUtwi ranoits.i (MHiubblylaiutUUIv, lo- bis lacinis) siliculis longius pedice liiii;, mjratbaa didymis leviter reticulatis. — **Omla** >. i'l'iwlifidue, ned raremU paal<lfisqB< longtoribaa, alikulia duplo nuy (i- bus leviterque reticulatis >liJurt, — CnacH la Choat ardiil<i<lago.

Triba* XXI. *UEUOPHILEAE DC.*

(Prodr. 1 tfl. — Wlpm R<|)TI. lutt. *v*(. I. IQQ — Bonder, AUhasidlngn. aus ilnn **Ge** b. def IfaUimr, i, n:i. *gq.*

Silla LLU elongata otitunga ovnlieve, »>j>it lineari unt ovali, v>bi- pI an is aut convciiusculin, rari<siine Mubintlatis. Seinmu plenuaqoe de- pressa. Culyledunca inciim>eiitrB lincnrcu bicrures.— Htrljac annuac Vel sujlrutire* Capenscs.

4977/1. *CARPONEMA DC.*

{*Beltopkitai* arct. DC. — Soniler, Aliliudl. *tjs item c;,h. d.-t ISalurtv. 1. ITS. t, 17.)

Caly K (• Lr;u*epaluij, sepali.s putenlibiin baai >nbnciualil)U8. Co- rollae petata 4, ungue cuneato, limbo olovato-obiongo. Stamina 6>>

tetradynama, lateralibus basi dente aucta Siliqua sessilis indehiscens linearis teres, utrinque attenuata, stylo conico apiculata, inter semina subcoarctata, soto tenuissimo membranaceo bilocularis, loculo altero minore inani, altero majore seminifero, valvis duriusculis enerviis. Semina uniserialia pendula oblonga teretiuscula immarginata, septulis transversis distincta. Cotyledones radice acutiuscula triplo longiores lineares integerrimae incumbentes bicurves, apice oblique tortae. — Herba Capensis annua, caule tereti ramoso, foliis linearibus, race mis elongatis, pedicellis filiformibus, toribus purpurascens vel coeruleis.

1. *C. HLIEOINIA Eckl. et Zeyh. — Wlprs. Rept. I. 100 no I — Sonder I c 179. t. 17. — *Heliophila filiformis* Linn fil — *Heliphila pendula* Pall — Crescit in aruosis planitie Capensis ad radices montium fideibicge, Uiedvalley et Dooihogde

4978. IKLIOPHILA. Jhnm

- DC. Prodr. I. 231. [c. l. spp. plurim.] — Wlprs Rept. I 1%. [c. p.] — Sonder, \bndliign. aus d. Gebiete der Naturw. 1. 180.)

Calyx tetrapetalus, sepalis erectiusculis margine submembranaceis, basi subaequalibus. Corollae petala 4, ungue cuneato, limbo patente oblongo vel late obovato. Stamina 6 tetradynama, latiora vel simplicia vel supra basin dente aucta. Siliqua septo membranaceo bilocularis bivalvis dehiscens, sessilis vel pedicellata, compressa vel teretiuscula, marginibus sive rectis lineatis, sive sinuatis, inter semina coarctatis moniliformis. Semina in quoque loculo uniserialia compressa, saepe ala membranacea cincta. Embryonis exalbuminosi cotyledones radice superius duplo et ultra longiores, lineares integerrimae incumbentes, bis transverse plicatae. — Herbae annuae vel suffrutices Capenses. Radices perpendiculares, caules teretes vel angulati, ramosi, folia varia, racemi plerumque elongati aphylli, pedicelli filiformes, flores tibi, albi, rosei aut laete caerulei,

Sectio I. LEPTOMUS DC. — (Wlprs 1. r. 19) — Sonder f. 202.

Siliquiae sessiles subcompressae gracillimae submoniliformes, inter semina nempe subcoarctatae, monilibus ovato-oblongis. — Herbae annuae.

1. H. DISSECTA Thunb. — Sonder I. c. 202. f — Herbacea glabra siliquis tenuibus submoniliformibus stylo crasso nodoso acuto terminatis, foliis radicalibus angustis ovatis internodiis partitisve. — *H. dissecta* Thunb. — // *filiformis* var. Rnkf. — // *azurea* Willd — *Leptomus duseclus* Eckl et Zeyh. — *Leptomus infidus* Eckl. et Zeyh. (tx p) — *Pachystylum glabrum* Eckl. et Zeyh.
var. (3. *albiflora* caule ramossissimo, floribus albis. — *H. pinnata* var. Vahl.
y. *simplex* humillima, folis omnibus internodiis. — // *tenella* links. — *Leptomus tendens* Eckl et Zeyh — (Wlprs 1. c. 1. 191. no. 5.)

Crescit in Promontorio bonae spei

2. H. SONCHOLIA DC. — Sonder I. c. 204. f — Herbacea glabra: siliquis tenuibus subcompressis torulosis, stylo conico filiformi terminatis, folis radicalibus pinnatis, Joints 2 — 3 jugis linealibus, staminibus luteis dente auctis. — *Leptomus infidus* Eckl. et Zeyh. e parte — Crescit in Promontorio bonae spei.
- J. II. CALDONIA Sonder I. c. 205. f — Herbacea, basi pilosa. siliquis adpressis submoniliformibus stylo conico filiformi apiculatis, folis pinnatis bipinnatisve partitis, lobis linearibus setaceis, staminibus luteis dente auctis. — *Leptomus caldonia* Eckl et Zeyh. — Wlprs 1. c. VII no. 7. — Crescit in Promontorio bonae spei.
4. II. CICKLONIA Sonder I. c. 203. f t. 20. — Herba glabra siliquis submoniliformibus stylo longo filiformi terminatis, foliis linearibus integris partitisve, staminibus edentibus. — *Leptomus amnatis* Eckl. et Zeyh. — Wlprs I. c. 191. no. 4. — Crescit in Promontorio bonae spei.

- b H LOVGIR^rOLIA DC - Sonder I. c. 207 t t. 19. — Heibacea glabra • siliquis U
nui&simis compressis submoniliformibus patuis, stigmatē punctiformi terminate, f •
Ills linranhus intern tpartitise, pctilis late obovatis, stammibus lateralibus dente
auctis. — // *lonjifolia* DC — // *fiUformu* Lam. — *H_t Umflora* Eckl. et Zeyh.
Enum 73. — Cnsut in Piomontono bonae spei
0. II Arr^rINFS Sondtr I. c. 208.-I — Hirba<<a glabra Siliquis tenuissimis pendulis,
stjlo brevi obtuso terminatis, folns lineanbus integns, stamunbus edentulis. —
H lomjifolin E M^{*y}er — Cresut in Promontorio bonae spti.
7. H. PUIIFC^rLENS Burchell, Travels I. 259. — Sonder I c f - Herbacea birsuta
siliquis patulis compre&sis bubmoniliformibus, *stjlo* bievi terminate, folus pinnati
partitib lohis 4—5 ju[^]is lmeanbus, staminibus edentulis. — *H_t hirsuta* E. M^{*y}i
— (r^oscit in Promontono bonae spel.
- 8 II IISTULOSA Sonder I. c. *20). \ — Herbacea, basi pilosa, aplice glabra . sihquis
III^minbus i longatis erecto patulis submomliformibus compressis, stylo filiformi ter
minatis, folus inguste lintanbus, inferionbus apice pleiumque tnfidis, caule fistn
loso submflito, stamunbus lateialibus dente auctis. — *Leptormus tpartitus* Eckl.
et Ztyh. — Wlprs. 1. c. 191. no. 8. — Crescit in Promontorio bonae spei.

Secti^o IT. *ORMISCUS* DC. — (Wlpn. 1. c. 101.) - Sonder 1. c. 210.

SU^lquae sessiles compressissimae monUiformes, marginibus nempe inter
flemina sinuato-toarctatis, monihbus plerumque monospermis orbicula
tia. Scnuna orbiculata compressisMma. Herbae annuae.

- D. H. AMPLEXIC AULIS Linn. 01. — Wlpi*. 1. c. 191. no. 12. — Sonder 1. c.
210 \ — lltrbati a glibra vel pilusmscula• biliquis moniliformibus patulis, fo
Ins Indinis oppositis obtusU, fiuperloribus alterms cordato-amplē\icauhbus oblongis
lanrcolitisvt¹ aiutis intent rrlmis. — *Trentepohlia mtegnfolia* Roth. — *Ormiscus*
ampUxicunlii I • kl. «t Zeyh.
var. [3. *grnmliiflora* ilonbus duplo majoribus albidis*.
y. *tpat/inlata*: tault dtbiliore 3—4 pollican, folus sessillibus spathulatis, flo
ribus miiioubus — *H. spathulata* E. Meyer.
Creselt In Prnmontono bonie spel.
10. H PI)SILL\ Linn fil — Sonder 1. c. 212 +— Herbacea glabra• siliquis momh
fornubH p itulis, folns llinean-sctateis Integrals. — *NaUurUum petraeum aethiopicum* eh.
Pluk. — *Arahis Capemis* Uurm. — // *tenimihgica* Don. — // *filifolxa* Willd —
Ormiscus pmillus tt *Unumlujua* Eckl. et Ziyb. — Wlpi I. c. 191. no. 14 etno. 13.
— treftut in Promontorio bonae spel.
11. II JUVALIS Burcli tat. no. 5490 — DC. 1. c. 232. — Sonder 1. c. 213. + — Her
bacea glabra vmdis sihquis motnliformihns ere(tiusrulis, folus pinnatipartitis, lo
Ms remotiusi uhs 3—5jugi& hneabus acutis, petahs obovatis, stamuubus edentu
Its. — trt stit in Promontorio bonae spel.
12. II. CONtATENATA Sonder I. c. 214. f — Herbacea glabra siliquis monllifor
mibus pjdulis, fctjlo tlon[^]ato filiformi pedicellum aequante terminatis, folns pinna
partitiN, loins 5—7 jugis lineanbus atutiuscuhs, petalis obovatis unguiculatis, stami
mbuA tilentulis. — trestit in Promontorio bonae spei.
- 13 II VARIAKILIS Rurch I. c. 1249 — DC. I. c. — Sonder I. c f - Herbacea
glabra viridts sillquis monilifoimibus crectiusculis, stylo [^]revi apvculatis, folus pm
natipartitis 3—5-jugis, lobls linoanbus aculis, tLrmali elon[^]ato, petahs oblongis,
Btamimbus edentulis. — var. [^] *ienuifolia*. folns bubfiliformnbus. — *B_t dxMcta* a.
herb. Dregc. — Crescit in Promontorio bonae spei.
14. H PENDULA Willd. — DC. 1. c. — Sonder 1. c. 215. * — Heibacea glabra vin
dls, Mliqui* momliformibus pendulis, stylo brevi terminatis, folus pinnitipartitis
3—Sjugis, lobis hnoaiibus acutis, superne sulcatls, petalis obovatis, stamimbus
edentulis. — *H. pmnata* Vent. — *Trentepohlia junnata* Roth — *Ormiscus f>ik<*
nalus ELU. et Zcyh. — Wlprs. 1. t. no. 15. — Cresut in Promontono bonae ^opet

- i H. MONTICOLA Sonder 1. c. 216 -J — herbacea glabra glaucescens: siliquis mo-
iilifornubus erecto patulis, folus infenonbus plnnutip utitis 3—5 jugis, lobis linear!
subulatis, supremis tnfidis, stamirnbus jit«ralibus dente auctis. — // *pendula* E.
Meyer mss. — Crescit in Promontorio bonae spei.
- 16 II. TKIHDA Thnbig. — DC. 1 c. — Sonder I c. 217. f — Paxton, Magaz
of bot. 1847 p. 219 (c. ir.) — Lindl. Hot Reglst. 1840. t. 64 — Herbacea
glabra vindis siliquis nioliniformibus patulis pendulive, folus infenonbus tnfidis
aut rarms pmnatim 5 fid is, lubis subfiliforniibus, supenoribus integns, stamtmbus
lateralibus dente auctis. — *H. pinnata* Linn. fil. Suppl 297. — Crescit in Pro-
montorio boiue spei.
- 17. H COITONOPHOLI-VLinn. (ex p) - DC. I. c. 233 - Sonder I. c. 218. -1 - Herba
<ea velutina pubtscens vel sub^labra siliquis niomliformibus patulis pendulive, stylo
brevi termin itis , folus pmnatipirtitis, lobis ipproximatis 4—7 jugis linearibus acutiuscu-
lis, stamimbus edentulis — *Leucojum afncanum coendeo flare* etc. Herm — *Haperu
africana major flore coeruleo* etc lourn. — Crescit in Piomontono borne spei.
- 18 H DENTIrERA Sonder 1. c. 219 f— Herbacea glibr i siliquis [junioiibus] ere-
ctiusculis submoniliformibufi, stylo filiformi aplculatis, foil is pinnatipaititih, loins 6—
8 jugis line iribus obtusis , stamimbus omnibus dente ciliolato auctis. — Crescit in
Promontorio bonae spei.

Sectio III. *SELENOCARPAEA* DC. — (Wlpts.l. c. 219.)- Sonder 1. c. 220.

Siliquae ovales, fere orbiculae oligospermae, stjlo apiculatae. Se-
mi na compressissima orbiculata. — Herbae annuae, glabrae, fructuum
forma fere *Lunanam* sive *Ricotiam* referentes.

- 19 II DIFrUSA DC. 1. c. 232 — Sonder 1. c. 220. J t. 21 — Herbacea glabra: si-
liquis oblongis compressis 4—8 spermis, stylo multotit s lon^ioribus , folus plnnati
partitis, lobis linean filiformibus — *Lunana diffuta* Thunb — *Farsetia diffusa*
Desv — *Ricotta tnuttfida* Uerh. I) inks — *Trentepohlia tepidwules* Roth — *He-
liophila lepidotdcs* Link — *Aubnelia lepidioide** Spn n^ — *Selenocarpaea diffusa*
Eckl et Zeyh — Wlprs. 1. c. no. 18. — Cre&cit in Promontorio bona< spi i
- 20. H. PELTAIUA DC I. c. — Sonder 1. c. 222 f t. 22 fig 2 — lit rb u i i J ibi i si-
liculis sessilibus ovali orbirulatis compressis 2—3 spcimts, st>lo filiformi &subduplo
longionbus, folus pinnatipartitis, lobis linearibus. — *Peltana Capensis* Linn. fil.—
Lunana pinnata Thunb — *Aurinia Capensis* De&v. — *Farsetia pinnata* Desv. —
Ricutia tenera Herb. Banks — *Selenocarpaea pinnata* Eckl. et Zeyh. — Wlprs. 1.
c. no. 17. — Cre&cit in Promonlorio bonae spei.
- 21. II FLACCA Sonder 1. c. 223 i t. 22 fig. 1. — Herbacea glabra • siliculis breviter
stipitatis ovatis bubinflatis dispel mis, stylo aequilongo tenmnatis , folus pinnatiparti-
tis, lobih line in-setaceis — *Selenocarpaea Peltana* Eckl. et Zeyh. — Wlprs. 1. c.
no. lb — Crescit in Promontorio bonae bpei.

Sectio IV. *ORTHOSELIS* DC. — Sondir 1. c. 224.

Siliquae sessiles vel subsessiles compressae linearcs, marginibus re-
ctis aut vix sub^inuatis, rarissime subinoniliormes, marginibus regula-
riter inter semina coarctatis, stylo apiculatae.

§. 1. *Caulihns herbaceit annuis.*

- 22 II LATUSILQUA E. Meyer mss. ex Sonder 1. c. + — Herbacea glabra vel basl
pilosa siliquis subpendulis oblongo linearibus uninervus reticulato-venosis, htylo
brevi filiformi apiculatis, folus bubcainosib pumatipartitis, lobis 2—4-jugis filif«»
">»bus approximate, stamimbus edentulis. — *Lunuria e long at a lliunb* — *Carmo-
podmm Thunbergn* Eckl. et Zeyh. — Wlprs. 1. c. 192. no. 27. — Crescit in Pro-
niontono bonae spei
- *• H MACROS1YLIS E. Meyer mss. ex Sonder 1. c. 225. * — neibacea glabra siliquib
Penduhis oblongo linearibus unineiviis subvenulosis, stylo crasso «ylmdrico supera-

tis, Mils piuiiatiparttis, lobis 3—4 jugis linearibus elongatis remotis, staminibus lateralibus dente auctis. — Crescit in Promontorio bonae spei.

24. II MM Till Sonder 1. c. 226. J. — Herbacea e;labri. siliquis luieanbus uninerviis pitulis pi nilulihvi*_i bxi non attenuate, stylo fihfornu apuulatis, foliis puinatipartitii, lobis 4—3 jugis pertitiLtiN lim-anbus subdistinctibus, stamibus lateralibus dente auctis — // *pectinatn* K Meyer.— Crescit in Promontorio bonae spei.
23. II VVA UN U V llur< U — DC. I. c. 233. — Sonder 1 « 227. f — Herbacea glabra • siliquis aii_nuste limaiibus triiervus, basi attuuatis poudulis) folus pinnatipartitis, loins Im.anbus J—5 jugis pertmatis approximate, stimubus eduntulis. — "• *incunspicua* E Mey< r mss. — *Crescit* in Promontno bon w sp< I.
- 2b. II. CUTHMII OLIA Willd — DC. 1. c. 233. — Deless It. select II t. 97. — Sonder I.e. 2H f — Herbacea velutino pubescens. siliquis luieanbus uninervus pendulis opaus fet)lo brevissuno apiculatis, folus piniiatipartitKi subrarnosis, lobis 2—4 jugis remntusi uhhNt miteretibut^Nuperne sukatis, btamutibus edentulis. — *Sisynibrmm crithuufolnmi* Kotli — // *jnnnuta* Willd herb. — // *sesdi folia* Eckl. et Zeyh. (ex p) \ar. [J. *parviflura* ilonbus nunorilius albis.
y. *laevm* LIU<* datiore inf< rue vclutino yel pilosiu&culo, apice glabro, foliorum laciniis elongatis 1—1^ poll, longls glabris.— *U. laevis* E. Meyer, mss. I rc&cit in Promontorio IKMI IC Hpel.
27. II. UAMAFcMELr- OLIA Burch. — DC. 1. c. — Sonil^r 1. c. 229. f — Herbacea, ba&d pliiHuH* ul I, apce glmbia Mliquis liifaribiiR «> rHs patuhsve uninervus nitidu iN Mtylo lircviHHinio apitulutiN) fohiN plnn tt|>«uriitis < nuosulis, lobis 2—4 jugis remotiuHi ulis lin< uribus, bUmimbus edi nkolis. — // *sBtflifolia* Eckl. et Zeyh. — // *critlinufolia* Ilirb Dn g< (ex pirttj. — Crescit in Promontorio bonae spei.
28. II 1 OfcNILULAI KA 11. »r -*• DC. 1. t. — Sonder 1. t 230. -J — Herbacea pilomUS<ult. siliquiH Inn inlius uninervus patulis, stylo brevissimo apitulatis, folus puuiiitim bipinnitimve partitis, lobis filifornibus elongatis, staminibus lateralibus id nte tuitis — *U. formulacea* R. Brown. — // *seselifolia* Etkl. et Zeyh. — C rt si it in Piomontorio bonu spei.
- f) II <>HACILIS Sondtr I L 2J0. J — Herbacea velutino pubescens* siliquis tere- liisrulis pi'iululis, stylo lou^o subulato, pedicellum aequante tcrminatis, folus sessi- lilius |juuiiiti|>artilim, lobiN 4—« jugis capillucels, staminibus lateralibus basi dente auctim. — *Curponema uygrcguuin* Eckl. et Zeyh. — Wlprs. 1. c. 191. no. 2. — 1'rescit In Promontorio bonae spei.
30. II. VIMINALIS E. Meyer mss. ex Sonder 1. c. 231. f — Herbacea glabra glauces i eim Nihquis erectiH an^uste lm< aribus trinervus, 6tylo brevi conico apiculatis, fi- llis sessilibus vel bn vinsime pettolatiu puuiatipartilis, lobis 3—b ju^is erectiuscuhs oppositiH alternsve liltfoimibus carnosulis, t>tamiiiihus lateralibus dente auctis, se- uimbuH ovitis immar_n'iidi8, caule sohdo.— Crescit in Promontorio bonae spei*
- 31.11. TEMJIrOMV Somlir 1. c. 232. -\ — Herb.K ea glabra* siliquis erectis an^uste lineanliis subtrinorviis st>lo filiformi cylinduro ternuuatis, folus longe petiolatis puuiiiti[Mrtitis, lobis 2—4 JURIS distntibus subfilifoimibus erectis alterms, staminibus lateralibus di nte auctis, s< minibus ov itis immar^uiatis, caule fistuloso. — *Jjeptor- mus jnduliti* Lekl. d /eyh. — *Iklwphila foemulacea* Eckl. et Zeyh. (non II. Ur) — *HelwpUUa tnfurcu* Herb, reg IJerol. — Crescit in Promontorio bonie spei.
32. II. SESHlJI OLIA IJUMII. — DC I. c. 232. — Souder 1. c. 233. — Herbacea glaii cesceiiN siliquis subpeudulis line irbuM unmervilH, stylo brevi apiculatis, folus |>f tio litLA pinnatipartitiN, lobm 3—5 ju_n'is patentibusluiean subulatis, staminibuslateralibus h tii dente luctis, NeminihusorbirulatiN marginatis. — // *coronopifoliuvM. Q.* Lam. — *H* seselipora* Don. — // *dissecta* VAT. (3. E. Meyer. — Crescit ui Promontorio bonae spei.
33. H. IthrKACI \ Sonder 1. c. 214. -; — Herbacea glabra glaucescens- siliquis clou- gatls luearibuK an^ustissimta refra< tis, stylo brevi obtuso termmatis, folus petiolati** plnnutipartitis, lobis 2—3 JU^IS subfiliformibus, staminibus lateralibus basi dente auctis, Kcpalls aiu;uHtiiriluis apu e rnrnutis, semuubus ovatis immart^inatis. — *Leptortuus f^s'^t vulis* Eckl. et Zcyh. — Wlprs 1. c. 191. no. 10. — Crescit m Promontorio bonae sp^{el}

- &*, II. TRIFOBICA Bttrch. — DC. I. c. 233. — Sunder I. e. 2§S. f — *Herbacea glabra*
*IMquis li«iiril>us) !<fli-xi8j ftilisangusti*sinH» Uifarrls, lultij lltnofIMB >ntegerrimis.
— fl. *parviflora*, Ooribilfl du|< mlnorlbtTJ albldU. — *M. j. v. f. f. f.* Ki kl, jj Ki-yli.
Cresciii in proBontoHo bonw hj><i
35. H. DIVAR [CAM Bnki — DC. I. c. — Sander I. c. '230. f — Berbaofti glabra
•tBqtila . . . ; foliis HnariLas intent rriinis; ramis patcilibuB. — Crescit in l'ru
•oatorto bonne •]m.
36. II. SI UH'TA Sou- for I. c. 2 W. * — Herhneet ghbra caciio-pruinoua: Kiliquis linn
riii UN elongate *r't:tis .td|rt-st>is 3 — Bncerviis, bill* t hasi liitnr.- llineail Law .colatla
linea rlbmrre iutegurriniis; caul* .Litu j;uiis!juu' strictls. — //, *itivificata* Etki. Jk
Ztyh. (non l>r.) — ^ Crrscit in Pcomoni orio bon<r s|iei.
37. H. LINEARIS DC. I. c. 233. — Soadfl I, i. 238. .- — Il^rbai-fa ylnbra vul li.vj p
loba: silnjuis jutulis Hn«nribus uainnvfis vel olt.solcic Irlncrvii.i; fottlt Ltncfulatls
baai *!><: . . . ,i>uti», MiipnrifirUitu lin««ri!ius. , — *Che'trituthut iimiii Thunl).* —
Heliophila fnti-nta fxi. t l..vli. — *Hhtiopklaghma fi. tngtuHfaUm* Edd. \ Zeyh.
— (.rrsril In Pro«rtti(<iriu bonac .)et.
38. «. <ji VIIIIM:A DC. I. c. m — Sondor I. e. 2Jt. - — Bwbutaa giabra i •Ufa
jiiituriuK linearibui cottinressis eructo-patuils; Eoliii Mbndickl&ntt a^^ri^ntiM h
atari-oblong la in Lingua petioloa arge: Italia, caulins tpuali abbleTUu litn- aribus.
— (*heirtwfiut yratnneut* lliiuli. — *i* rtscit in Proatontorlo l»>taB »pei,
39. B. I'LOSA Lam. — DC. I. c. 221. — Smul<t 1. c. fVJ. + — C&ole InrlwcBO ptlia
patolia lii.s('iJt); silUiuis I .earibus rre ttji |>atu]Hve; foliis pilusiu tiunt: ublougls II-
iKMi'ihnsvi; i: .|-i,- nunc »(«(cc ltli;tts, Ita^^meatis.
var. a. *tmtgrifottit*: Toliis ubl<ngis linearibuste int*|ris,
p. *dii/itatan*; fuliis lofetloribus ovatis, superioribus • .! ingij*, apii:c Iridentuuh
vel jelniiitD-ii totxtila — *ftrtiaph. tli/jittit** I . . .
y. *incua*: foliU Une*ri-cuii'-uui> .|.i.-. iril'nils, rarios qulaflefi^s. lobia llnc«ri-
liiii!, ,n uiiii«»H«vt. — //, *arubttoides* Sinus. — *JL pidnu p, WUitt^C^* —
Heliophila l'tosa vitr. diffuse E. Siu^ . K^
3. *ylabruta*: mule erectiusailo npice gbbro; foJls glabris oblongh, bsnl tu
jit-itit, apicc 8— 7-labails, lobli UfoItU acutia. — *Uel. incua* It.mks.
t. *lichifU*.- caale iof«rofl plftlaMolo ik-Uiii diffaaq, in ramis elongatun Ql
tact gUBtu pateatea dlrl^oi fojiii pbloogo-lioMcbaa Unearibnsre lnteger-
rtmU, r^rtuk kpUsa ttit^Us. — /(fiojiAiin ttteua ^, intejiri/ofift EckU & Zeyh.
Crescit in l'ruflimtdirio Ixtitat! R<el,

J. 9. *Cauti but frutecen t ifjut.*

- 40 H. JfKAsMCAEIOLIA K.kl. <t Zr>h. — Wfent. I. c. 192. no. 21. — Sonder I. •
241. + — Suii'ruUcu.va glaberrlma; ellhiuit 0''nirril>us) line^rilms vubreflexUi ffl
•aplteieuttB (il>lt>ngo-luni;col>ti«, upico cucullalo i:niilr;ti:tis uiutTimalJu. — Crescil
in Promontorla hun.if tptl.
- <1. II. iltii KtJl.ATA BekL * Z«yh. — Wl>ra. 1. c. no. 'tl. — Sander I. c. 343. § —
SuffrotlcoM Rltira: siti<(iti.s crf«'ii>i eloagatta Unearlbui *trinetrllM*, stylo brerl aptctt-
latis; fdlifl .nirii ul'il'i .irn>li'ir<tilitni8 uvalis acutis jiluiis rcticutato - venis. —
Crescit |p Promontorlo b<>nae spot.
- 4 H. ABRO i IRIFOLU links. — DC. I. c. 233. — Sondor I. r. 2H. - t. 23. fig. I. —
Sudroticosa gtabni siUqtite liiearibus patuLn; fuliis -i—j-ldiiatis, lubls subu) tils bre-
vibus; ••mil- toaplfbrml BObephylJo. — *U. criUuttifolia* Eckl. & Zeyli. — *U. cha-
mwtnelifutia* Kckl. * Z.Ui.
tt. *tripartite** MWn (ilerjsfjae trifidia. — *U. tripartite* Tlmtli.
P. *htteruphiJUn* : fuliuh plcrisquf; pinriati|arij(ls. — ff. *htterophylla* Thunl>,
Cresc¹ il in Promontorlo bottite »>^i.
*3. U. i.l. •! , v Boxrh. - Dr. I. c '234. - S.JIIILT 1. c. 245. i — SufTruli .osa glabra
glauca: siliquis linear-oblongis erectisi foliis ublongls subcaniysis Inierioribus ob>

- tusis, superioribus acutis. — *Carpopodium cleomoides* Eckl. & Zeyh. — Wlprs. j. c. 192. no. 28. — // *sarcophylla* Meisn.
 var. *a. Candida*; floribus candidis.
ft. purpurascens: floribus purpureo-tinctis.
 Crescit in Promontorio bonae spei.
44. H. COKNUTA Sonder 1. c. 246. f t. t. 28. — Fruticulosa glabra: siliquis submoniliformibus pemplulis, stylo tenuissimo incurvo terminalis; foliis lineari-filiformibus acutis; sepalis apice cornutis. — *Leptornius longifolius* Eckl. & Zeyh. — Wlprs. I. c. 191. no. G. (excl. syn.) — *H. scoparia* Herb. Drège. — Crescit in Promontorio bonae spei.
45. H. ELATA Sonder 1. c. 247. f — Fruticosa glabra: siliquis erecto-patulis aëugustis; linearibus elongatis submoniliformibus, stylo filiformi recto terminalis; foliis lineari-subulatis. — Crescit in Promontorio bonae spei.
46. H. SUAVISSIMA Burcl. — DC. 1. c. 234. — Sonder 1. c. 248. f t. 25. — Suffruticosa glabra: siliquis sublinearibus, basi attenuatis patulis, stylo brevi apiculatis; foliis lineari-subulatis acutiusculis. — *H. juncea* Vahl. — Crescit in Promontorio bonae spei.
47. H. SUCCULEXTA links. Herb. — Sonder 1. c. 249. f — Suffruticosa glabra: siliquis linearibus pendulis stylo brevi apiculatis; foliis carnosis filiformi-linearibus, supra sulcatis obtusiusculis. — *Cheiranthus carnosus* Thunb. — *Hesperis Cheiranthus carnotus* Poir. — *Heliophila platysiliqua* Drown. — DC. 1. c. 234. — Crescit in Promontorio bonae spei.
48. H. SUHULATA Uurb. — DC. 1. c. 234. — Sonder 1. c. 250. f t. 26. — Fruticulosa brevissime pubescens: siliquis linearibus patulis, basi non attenuatis, stylo brevi apiculatis; foliis lineari-subulatis acutiusculis. — *Heliophila subulata et pubescens* Eckl. & Zeyh.
 var. *p. glabrata*: foliis glabris. — *H. pinifolia* Willd. — *H. maritima* Eckl. & Zeyh. — Wlprs. 1. c. 191. no. 20.
 Crescit in Promontorio bonae spei.
49. U. RIGIDJUSCULA Sonder 1. c. 251. f t. 27. — Suffruticosa glabra simplex: siliquis pendulis lanceolatis, basi angustatis, stylo longo rostratis; foliis inferioribus linearibus, superioribus filiformibus acutis. — *H. virgata* Eckl. & Zeyh. — *H. subulata et suavissima?* Drège. — Crescit in Promontorio bonae spei.
60. H. FASCICULATUS links. — DC. 1. c. 234. — Sonder 1. c. 252. + — Fruticosa glabra: siliquis linearibus suberectis, pedicello vix longioribus; foliis filiformibus. — Crescit in Promontorio bonae spei.
51. H. LINEARIFOLIA liurch. — DC. 1. c. 234. — Sonder 1. c. 252. f — Suffruticosa glabra vel pilosiuscula: siliquis erectis linearibus trinerviis, stylo apiculatis; foliis linearibus acutis integerrimis; staminibus lateralibus dente auctis. — *Cheiranthus elongatus* Thunb. — *Hesperis Cheiranthus elongatus* Poir. — *H. elongata* DC. — *H. elongata* Eckl. & Zeyh. — *H. fascicularis* Eckl. & Zeyh.
 var. *p. pilosiuscula*: caule hinc inde pilis obsito. — *H. platysiliqua* Eckl. & Zeyh. — *H. linearifolia* |5. *hirsuta* Burch.
y, lanceolata: foliis caulinis inferioribus lineari-lanceolatis. — *H. linearifolia* Drège.
d, filifolia: foliis omnibus lineari-filiformibus, vel inferioribus tantum linearibus. — *Heliophila/Hifolia* Thunb.
 Crescit in Promontorio bonae spei.
52. H. STYLOSA Burch. — DC. 1. c. 234. — Sonder 1. c. 254. f t. 24. — Fruticosa glabra: siliquis pendulis linearibus subnerviis stylo filiformi pedicello longiore apiculatis; foliis linearibus sublanceolatisve integerrimis; staminibus edentulis. — *H. platysiliqua et virgata* Meisn. — Crescit in Promontorio bonae spei.
53. H. VIKGATA Burch. — DC. 1. c. — Sonder 1. c. 256. f — Suffruticosa glabra: siliquis patulis subdeflexisve linearibus uninierviis, stylo filiformi pedicello longiore apiculatis; foliis ovatis integris dentatisve; staminibus edentulis. — *H. glmica* Eckl. & Zeyh.

a. *intyrifolia*: *fi*Vii tnt,-"rJK, flurlhus e (*lavldo albft*
£. *dattvia*; **foli*** *grosge* et argute **ik-ntattf t flnrfhus**

Croscit In **Ptomontorto bouse ipti**,

34. ft. SCOPAKM Burch. — DC. I. c. — Drl,'ss. tr«., . . . lect. II. t. 98. — Sonder I. c. 217. •• — Trulicosa glabra: siliquis erectis linearibus in styliam brevem abeuntibus | **folif III** *trunculatis rigidis*; racemis axillaribus terminalibusque paucifloris. — *Chfiranthu tldnts* Linn. fl. — Crescit in Promontorio bonae spei.

••. II i \(.Li)s\ j) i. i, c, ii j. — Sonder I. c. 218. † — Siliquis linearibus compressis thesiophora. • [>e(lit;«latis j f
vili; •:aulc (Vutioso aigutato
lotus Linn. fl. p— / ^ (i,ojum monomote
DC I. c. 3 » — DJ.-SS. **Ic. t** lect. I. T

i. U, BRACBYCARIM Meiau. — Crescit in Promontorio bonae spei.
2W. t — .Sijii,iii» . . . Tj gt
lineari-spathulatis subcaulis planis uniseriis; caule fruticoso
paucifloro; petalis breviter unguiculatis. h — Cre-

teti;ii ^titiir i ru-em« corjmbos
sril in 1'romontorio bonae spei.
n. DRECEANA Souder I. c. 280. f t. 23, **fr*I - siii**,
Unaubita .-ui-falcatis, stylo brevi terminalis; **Mil, PwW f - 1** pedicellatis anguste
muri'-atis; racctuu **ten** anuli paucifloro; caule
i«(t(liiri(t boo ac spei. — **Cnseit In Pro.**

Se;t. \. P \et;: STYLUM DC. — (Wiges. I. c. 192.) — Sonder I. c. 261.
SUiquaesesBiles li
cylindrico glahro *superatae*. — Suffrutices pubescentes, foliis integris.

58. U. INCANA Ait. -- D C. J. c 234. — Sonder I. c. 261. † — Siliquis linearibus teretibus velutinis; stylo crasso conico glabro superato; foliis spatulatis. † —
H. frutescens L. **mi.** — Crudt in Promontorio bonae spei.
59. H. ARENARIA Soader I. c. 262. † — Siliquis linearibus teretibus bivalvis; caulis
infinis, stylo "MM cj-liudritu terminalis; foliis linearibus. † — Crescit in Promontorio bonae spei.

Sect. VI. LJWEOLAKIA DC. - Smi(ler , c, »

JtctiroB pane ultima subspiruliter aIt«
tices {-laLri, folils huegris. am subinvolyente. - Suffru-

racemis abbreviatis densifloris
pedium carnosum Eckl.
var. β . *obliqua*: siliquis obliquis. — \B. *ablifun* E. Meyer. — Folia lyratis; siliquis teretibus

CresU in **Promoatorlo booM s*«I.**
01. H.MACHOSPEHMABexch C. L c 335_1
ghbr ! * ilii e^llbM IwcwagfibM U, sfvluni
Sonder I. c. 264. † — Suffruticosa
brevem densifloris; foliis linea-
ris oblongis. † — Crescit in Pro-

* SPECIES NON SATIS NOTAE.

62. H. LYRA " " Prodr. 107. — Sonder I. c. 266.
DC, Syst. II. 693.
Bot. Bemerk. p. 10. — Folia, caulis et flores *H. pilosae*, sed
culatae torulosaae, in pedicello anquilongo obconico-incremato de-
rige rostratis, acilicet rostro siliquis tantum duplo breviora. —
i sectionem *Pachyglan* pert;uce. — In Pram. bonae spei.

. Tribus XX. *CHAMIREAE* Sonder 1. c. 267.

Siliquae valvis longitudinaliter dehiscentibus, septo oblongo. Semina, oinpressa iinarginata. Cotyledones latissimae, longitudinaliter biplicatae. — Herba annua Capensis.

CHAMIRA Thnberg.

(DC. Prodr. I. 231. — Wlprs. Repert. I. 192. • — Sonrier, Abhandl. aus dem Gebiete der Naturw. I. 268. t. 21.)

Calyx tetrasepalus, sepalis erectiusculis, duobus lateralibus basi in calcar productis. Corollae petala 4 unguiculata, limbo oblongo. Stamina 6, tetradynamia cdentata. Glandulae extra stamina lateralia. Siliqua brevissime pedicellata oblonga vel sublancolata compressa dehiscens bilocularis bivalvis, septo membranaceo oblongo, valvis planiusculis, rostro elongate* crassiusculo. Semina pauca compressa immarginata, epidermide coriacea laevissima. Embryonis exalbuminosi cotyledones incumbentes dilatatae latiores quam longae, marginibus introflexa longitudinaliter biplicatae, radícula ante plicam posita filiformi, aequilongae mill to latiores.

I. *CII. COHNOTA Thnberg. — DC. I. c. — Sondt I. v. -J-1. 29. — *Heliophila clrae-aides* Linn. fil. — *Hunias paradoxa* Banks. — Crescit in Promontorio bonae spei.

Tribus XXI. *SCIUZOPETALEAE* R. Br.

(Wlprs. Hi-pert. V. 51.)

480. *SCIUKOPTALIT* Hook.

(Darndoud in Wlprs Kquirt. V. 51. et Ann. sc. nat. [3. Sur.] V, 77.)

I. *SCH. MAKITIMJM Knrñoud. — Wlprs. 1. c. no. 2. — *Sch. Gnyamun liarnlouri* in Gay, Fl. Chleiu I. 146. f

4980/JC *PERRETTIOXDIA* Barnèoud.

(Uarnèoud in Wlprs. Uepert. V. 51.)

1. «P. BROGMARTII Oaroéoud. — Wlprs. I. c. no. 4. — Uarnèoud in Gay, Fl. Chllena I. 149. 4 t. 4.

f Genn§ dubium.

4982. *M1HIT1PERA* Steud. k Hochst.

(Wlprs. Repert. bot. syst. I. 192.)

1. SCU. PERSICA Jolss. Diagn. pi. nov. orient. VI. 18. f — Annuae: Caulis humilis basi ramoso, pilis papilloMK crispulis parce hirsuto; foliis late linearibus basi attenuatis plunatpartitis, costa media luhulata, partitionibus hrevissimis triangularibus subrevorsis ilontato-laceris, rarius piniato-lobatis subrunciatibus, nmihius obtusis papillis brtivibus dubius obsKis, caulibus ad ramorum ortum angustis integris; ramis brevibus pateutilis, extremitate racemos primum capitados densifloros, deinde valde elongatos ferentibus; pedicellis strictis floris longitudine; petalis flavis calyce flavido glaberrimo duplo longioribus; filiculis oblongis teretibus reticulato-rugosis indehiscuntibus monospermis, inferioribus rectis in rostrum rectum comprussulculum iis aequilongis attenuatis, superioribus incurvis rostro piano lineari angusto Us duple Inngiore superatis. 0 — A *Sch. Arabica* diTurt foliis sinuato-dentatis, caulibus glabrusculis, silloulis omnibus homomorphis, Ioculo valde angulato tuberculato, rostro i lin. latu eis Iriplo longior terminatis. — Crescit in Insula Kareck sinus Persk-I.

† Genus inter CrnrfcraN et C-npparidea* umbiguui.

OX VST VMS Ton. & Frhwmd.

(Torr. A. Fr&nnnd in Dnrlmtrrr, Revue '... (M. 53.)

Sepala liaearia; petaUf ovana breviter ungnicttlata. Ovarium btlocularu, lontlis sabglobosis biovulaUL. stylo pyraniiduli, ovario iungiori. •Siliniln didyma, carpella obovato-globalou 1- (v, rariiu ^) sperraa indeciiac^ittia, e hnni st^ti persistentig sabnlatl gpioeacentid 8»ltibilia, pericarpitun ci ustaceo-corucooi, Semioa ovalia suliconijires.sa, te>ta •aembranacea. Cotji<done« tncambeotca lineari-oblongae, r;ulic;tjti |ita-centi.s oppnaita. •— Ilrrlm Boreal) Americana aiiniin; foliis longe pmi« latin tripartite, ^artitlonibu ovalibus vel oblongb iatsgris,)>>> in pcttolum contractis; florilms par vis lute is in raccnios axillarea capi tulifm tm-s iimVuTiisissiiiiios iSispimitis.

I. * O IJJI EA Torr. « Krtimoitd I. c. — © — CfMcIt iu itMtlflil bOTCU . H<"kv moulnain'.

Ordo XIX CAPPARIDEAE ***.

(DC. Prodr. I. 257. — Wljrr, llqiert. but. syRt. I. ttS. " Wi V. 112.)

Tribus I. C LEO ME A E DC.

4983. d.EOMELL.% ZW.

(DC. Prodr. I. 237. - Wlpra. Wert. I. Itt.)

I. CL. (?) 0BT08IFOUA Totr. A Ftfwiuiul, RaUn. 7.. in 1947. vol. 40. - ram-aa it tliifusa; folia esacato-oboraf* otirusn; strlux QlifurmlJ. — Crescit in Cal fan

4984. G V S 4 M I I U H M S iff.

(DC, Prodr. I. 237. - Wl|pr<. Rt-iiert. I. IAL II. Tt'4. V. 32.)

I. O, COCCQIEA Itnili. PUat Hnrtw. p. HXI. no. SSS. — FruMcuM glabra: foBoHl plerimjtjir teptenis Integrla «Uipttcu otilouiiiis |>>?(tirul:ilis, rat-t'mo hri'vi nmltitloro, pedicellis elongatis confertis; floribus superioribus abortu masculis; siliqua glabra linearl quam theca. lutriim urn totO nmlto Innglore. \) — Frutex 6—8 prdall*. Fulla longe petiolata, superiora iutf-rJum 3—5 fuUokitu. Fullum tenrtantl aealyedale, iitrinqu« ton^ an^UKlatua), aiulum, Jal<mlia tnlmm, jntiululi lia.sl brmiter tiibi'l" COO* iwtl et sujpra jtunciatdMc*firiw:uH. Rnc<mus suhc^rytnixisuK, fulto brarlor. Pedto tU graciles, S^9 lln. longi, t laBumilnlmt, tVfiiWtM oonf*rtiMl>l Bor< ttMtnto* fe restoI, knferioraa fl>iihu« firtltlbtw ouuM paullo Uxiore*. S<pala - Ua. Innga, ovato-oMtmgn, iruU. I'rUU '• Itn. lung», tleiliiuU, oblongs, In nngurin contracU, coc-cinea. Torn « haxi incm*MU lillformk, 2 tin. Ionian. Slamin* sex, [mlirrm I"oga. Siliqua immatura Jan 2—2½-pollicaris in thecapuro semipollicari. Ovarii rudimentum In Oaribui nwtcalte mluiniitin, litararc, glahrurn. — In umlirosis ad vlani in Funagiuoga p. IIV, Bogota.

2. G. DKASIK)ItA Ititth. I. c. (i. KM. — Frutlmta, rlscoso (lubescen* tt ktrWM: foliis 5—T (oliulatis v. KUinnis pttrris 1—S-folloUtl, fsiktll* litt.egrU aaliS'-tslllbuf*; raii-mn tlongatn nuUUUnrp, [n-difrlll* hrrviliu* teutfitt; (Inribus mperiorlbu itcirtu mas-culi); «li(ju.i uv;ito-oblong i {flandutuaohiri.i, lfa<r<«)linniiii rum lorn mibnnjnaHd. 5 — Krulrx graclBa dim gyalla. Folla luge iit*iii>latu, folioli* mnjcifiKu* 3— •* pnlllCH-ribus. Racinos fullife loogior, (>*t^ »nih>»i>i) i "till.n .us net Boq^*** «rfymbfonnaUu It'iri-s sijjterioit'i* cnii' rti, sterilis, ovato» ruilimtiiLi mniim lii>***ri it'a^To, Infer, (res lax)..ren, fertiles. Pedicilli jier anlUf>iti 2 liu., fruoUferi « lln. 1<gl, VUIMIO (IUM-N centia. Sepala lanocolati, i^uta, v(fic(i<o-|iu'-escentia, viciida, inneqaalla, majora

2½. lna longa. Petala rubra? Tom* fiiifurmls, [TLIHT, 4—5 Hit lonpis, hati In-
crassates 3-glandulosus, in fr.ictu non elongilu*. Stamina tt, turu win Ion, sta.
Siliqua 8—9 lna longa, utrisque obtusa, crassi, v^iimjs, una rum tbeapboro 3 Il-
neari glandulos-hirta. — Hacienda de Palmar pango G>adua» |>. ov. Bog-U.

3. G. GLANDULO Si P>ti, Bot. Bamerk, p. 8. — C<nl. apicttcaa |><dlMitl« afflojaffi-
que glandulos-pubescente viscosaque; foliis glabris, ad nervos subtus glanduloso-sca-
brU, cAulInI* D-foll olatis, r<md* •ortllbMqae 3/oHolatU, fnlioll > serrulatis; p<>h-rlllis
patulissimis; petalorum luuinle <r>jilcul<tU. |> — t lore* par>i klbf. Stipe* kilwj
sextuplo brevior. I'lanU culU praeter Mlifut* glkbresrit. •> Crescit in Aegyptio.

49H5. (Xi: o 4 i: jtc.

(DC. l>rm(r. I. aw. — Wlpr». I >peri. I. 193. H. 7<4. V. £.)

1. I'L. IM>rxORA Uxniftti. Int. *t'm. in Ilorto acidt, •<fuiefi«i «. IH>4, — Suffri<iticaa
•trict* 4—W pcdallat lloibustermittaltbaa tnrymbo!,*; p<tel(f »Ibi« s
•iliijuU Urevi^iijilalti 2%—3-jiullicariliu* irlntnlr<:ln glabriM; fullis lj

iiolulJN, rolloill >:liliri i eoriaceli I<n<n<eolat>, margine dentlcuttulia. 2^ — In >I?u pri-

ll. CL. OXYPATA ILOIM. Dlagn. pi. ROT, Otlwrt. VI. 30. — C<U>IIMU hnS.rrl* .rectis
ramotluimis anguUt'j-vunipr<ssis gljibri*, wpsn< Unium glanduloso-asp-ri<j f4mi>

ovato-•ul>rl>f>ml>*I<, ban •pieeqoc Lr. viter acutata obtusulata obscure trine r<v(i<.
facem ix (Itirui irriuitulitii* rlimnuti* [BKII nadiis \.IM1 .liri'luhr >asperis pedicel
Hor< Jujilu longtoribaa mbpatal la, infans bract ila minim.i llu^ari suffultia, casta
bMlnudU; >''[ia[is obloogi**Cotli b >il paroe ^Inndulutij); p>tatiN lanc<aU(o-Ilac<
lus in utinui'in li egum attenuatis ac ini*, calvr>> quadrapUi longlotibiu IUrtdii, veru
|,n,.;intlin ,h piniintim r.anti)*!! (*>auris, willquifi. . . . 2(. — Aflhlll Ct gf<WCHMWfl
el triunmr. tj i ninti jtii-ii iliiiv-rt fullis ; i,i-. |>I pla ilimliliy bTerlotfbaa ubovatis
rosis r<ii IIM.. iniOKis. all-r.i follia maxime glanjilc>xi<, r.Kf-nis bractnatls, petalia
ubovatis. — Cr<Mit Al fotili's J' 11 r.l-uin fntidentri pnipe Daieubl *frsiu< Australia,

49-8. I' OLVMSIA *Shrmt.*

(Dt.: Protlr. I. AX. — Wlpra. K*v<'<- <• 1W. v. M-J

1. P. BCBTPOREIfSU Munru bj W&t, ICOO. pi. ItiJ. »>r. t. 1072. — Canle i, ilitsqon
retulosis, fiiliti alinplkibuk Ohio) go-lance oblis auumlit<tia, raitCdlibim in poUahm
attenuatis, cuuliuln ki'>libuJ; itamittibiiK Id—VI: nlli<u = I at *rl non compressa am-
sili, pedunculam MilhUM[iunte. 2J. — I lor<i roicl. — lu India otleataJ],

Tribus II. CAPPAREAEVC.

4996. BOftOIA Lam.

(DO. Prodr. 1. a-H. — Wlj>R>. Kcpnt, I.)M.)

1. B. SEIVEfJALOSIS Lam. — Ilothetclt. Flora (B. 2.) XXVII. 1. 100. — *Dussia inter-
media* Hochsd It.

5000. t App.inis Lin.

(DC. Prwdr. I. W5. [exd. sect. IV.] — WlTB, K.p.r.(. I. I'J7. II. 7G5. V. 54.)

C. DIVARICATE Lara. — DC. I. c. 352. no. <I>. - WsLt. Ic, pi. Iml. <r. t. 88U.
< TVUll ULIA L. . . . DC 1. t. •iir., ao. — vv>hl. l. c. i. HUT.
t. ROXBI RGHII DC. — Wlpm. 1. c. h I'm. M. — Wgbt. I. c. t. 1U18.

5004. NNHUI //.

(VVlprs. B*p<tt I. J'H.)

1. R, ERECTA Hoot. BL In Hook. kon. plant. IV. tab, 7<9. — Erecta glaberrima: fo-
Hi* MfoUnstla, foliulis lauceolato-oblongi* prtliolutu lubaeqaantibus, bad iti pettolun
bierlter iittenuatis, apice breviter et acute imuroitiatis; rMSOtbj termnalibus lirevilnis,
pedicellaram (jam ilolapnoriim) elcairicibus dense obsitig, apice demum pftact<ria;
pedicellis calyci subaequalibus; jietatts angubte liiieotibus latinias uulytinas lan ceo-

latas cusplataa fere duplo supcrantilius. \) — Frutex sexpedalls ramosus. Rami lentlicellis crebrls valdc prominentibus asperatl. Petioli teretes 4—5 poll, longi. foliola ngide cbartacea, supra sicutate atro fuse a, nntus rafescntla Ner>i supn obsoleti, subtus prominciites. Hacemus In npcumine bipollirans, utatnibus pediit'llorum* spici plunsiTi ill «onfertih, et saepius lime spmula (stipula 0 stipatis. Mores *R. fragrantis* duplo mmores (il>\ vindis. Petal a et st innuni fil imenta alba Antherae ni^rescentes. — *A. Jt frat/rante* differt eaule non standt'iite, riremof confertilloro, pedi< ellis gru ilibus vi\ polln aribus, flonbus duplo minoribus ct petalis versus apicem non dilatitit, nee in acumen setaceum bubcirrlnforme productis. — CrescIt in Insult ternando I'o Afncic occident.ilis.

5005. **STERIPIIO^IA** Spr. (nee *Sterijthonia*)

(Spr. Cur. post. 130)

- I. *ST. CLEOMOIDES Spr. I. c. — *Steriphoma par ad ovum* Endl. — Karsten, Auswahl n«uer und sdiunbliihender Gewachse Venezuela's lift. 1. p. 10. f t. J. — Descriptio satis confu^a.

Ordo XII. BIXACEAE Endl.

(DC. Prodr. I 233. et 239. — Wlprs. U«put. hot. syst. I. 203. II. 7(>3. V. o5.)

Tribus I. BIXINEAE KTH. — DC. 1. c. 259.

5071. I.AETIA Locf/L

(DC. Prodr. I. 260. — Wlprs. Repert. I 203)

1. L. LUCIDA Tulasne, Ann. hi. n itur. (3 Ser) VII. 2Kb. i — Ramts gltbns, **fulvaque** amphs coriacus, utrinque lucidis oblongis obtusatis, bast vix < uucatls bubbes&ilibuh, grosse remotcque d« ntatis, d« ntibus exinur defiuitis prominentibus obtusissimis br« vibus postier fo'veatis et glandulifuis, racenus brt\ibus in folioium a\illis plunbus paucillons, pedicellis longiuh ulis. validis minute pubenti vclutuus, fiuctu glabro. "^\ — Crescit in Novae Granatae montibus Quindueisibus.

5072. PItOCHIA A Br.

(DC. Prodr I. 260. — Wlpris. Repert. I. 203)

1. PR. VILLOSA Monc PI. nouv. d^ Vmenque I. 67. f tab. 97. — Ramulis, folns m-florescentiaque villosis, folus ovatis acutis, grosse serritis, stipulis semu ordatis glanduloso dentitis, racenus pau« itlons ttmalibus, fioribus apetalls», sepilis sex Inaequalibus. 1) — Crescit in Brasilia prope Tomandua.

5073. BANARA AuhU

(DC. Prodr. I. 231). — Wlprs Repert. I. 204. • 11. 703.)

1. H. MOLLIS Tulasn««, Ann. sc natur. (I. Sei) VII. 288. f — Rinus toinontosis fuscoflavidis, folnsque oblongis vel oblon^o elliptitis, bieviter pctiolatib atutis, basi rotundatis interns strrato dentatis, dentibus rette trunuitis, apui' postico glauduligeris •, bruteis minutis, petalis angustis amtiusculis \) — *Kuhha wW/A* Poepp. et Endl. — *Lnelia fjlamlulosa* Poepp. m&. — *Prockia odor at a Dombey* mss. — '*VriUx glandulosa* Dombty mss — Crescit in v»lle Novo drinatensi Ma^dalfiiac, Carthi^o intr et li Vc'o'a, ad Canaveral et el Penol, net non juxti Cothero Pt ruviae subandlnae.
II IHAGUENSIS Tulasne 1. c. 290. f — Druse hispidulo-tomentosa folns distkhis ovatis ovato elliptitis oblon^isve, brevjs*im<' petiolatis, mutronatis obtus itis\ve, basi rotundatis et anticr biglandulosis seirato dentatis, dentibus apw e moilite glanduloso-mtrassatis, panitula terminali dilute fulva. \) — Crescit juxta Ibague Novae Granatae.

5075. *A Zini Rz et Pav.*

(DC Prodr I 212 — Wlprs Repert I 204)

- 1 A INTERMFDH Giy Flora Chilena I 194 f — Arbor 6— 8 pedalis ramulis tomentosis, foliis ^emuus u) ibns interns tomceis, maj >ri obovato saepius subacutulo pttiolato, miiioii tlliptico obtuso aut subiotundo, floubus umbellatis, calyce 4 fido extus g,lihriusculo mtus dense barhato ~t) — Ciescit in Chili provincia Colcli i(ua
2. A FERNVNDFSIYN* Gay 1 c 1% f — Folus {,emns stn ttis temubus membra iiaceis, mijon lato lanceolate, minon subrotundo, piduiwulis lonp,iusculi8 torym bosis, fru<tu calyce subduplo lon-,ioie, placentis tnbus, quaudoque quatuoi /) — Crescit in msula Jouan ternmde/
- 3 A L\IEOL\T\ Hook fil Antaret voy. of Terror and Erebus 243 — Ramulis pubescentibus, folus b,rosse in u qu iliter subdupluito serratis, majonbus lanceolatis acummatis, minonbus rotunditis ovatisque, corjmbis 3 — 5 flons Interdum subpa niculatis, pedunculis folio minon aequilongis, pedicellis gricilibus, (loribus poly^a mis, sepalts ovatis rellexis, stamiuibs ptrplunmis sterilibus paucis, placentis quatuor — Frutex seu arbuscula 12 — IS ped alta Rami ramulique ^raciles, pubc fusca obtecti Folia subconacca, utrmque grulatim et inferne in pctiolum brevem attenuita plibernma, 2 — 3 unciaha, mmora \ unc lon^a Flores majusculi interdum in piniculim 1 — 1*3 unc lonbam dispositi, seu coiymbosi, corymb is solitarus paiuculatisve, pedunculis pedicellisque (racilibus pubcrulis, bracteib ad basin pedicello rum par vis Stamiuum filamenta % unc lon(, i, calyce ter lonp,iora Stylus pn mo visu smipkx, sed in ramos qu ituor breves separabilis. Ovula peiplunma, placentis paru talibus quatuor lonotudmalibi/8 funiculis brevibus adriex i Senuna plurima immituia comprcs&i — Crescit ID Chili mendionah capite Tns iMontej, ^
- ^ A CHILOENSIS Hook fil I c ddn — Ramulis velutmo pubescentibus, folus ut in A *lanccoluta*, sed diruujio mmoribus, pedn ellis flon aequilonois, stammibus stenlibus pluiinus ipit (davatis. ^ — Crestit in Chiloe
5. A MICROPHYLA Hook fil 1 c 244 adn — Glaberrima ramis rimulisque distu Ins di\ mcatis, folus disticlus parvis conaccis mte^einmis, mijonbus obovitis obtusis, in petiolum brtvem attenuatis, minonbus oblonois rotunditisve, corymbis fiessilibus vel brevit r pedunc ulatis, floubus parvis, stinunibus 4 — 5 claudulis alternantibus, fil in< ntis plimusi ulis, anthens extrorsis — Fiutex 10— lo pedahs Rami pedales strict! Folia % unc lon^a. nitentii interdum apiculati Corymbi fo hum minus subaequantcs, 5 — 7 flon, floribus parvis — Crescit inChiloc, in provm Ca Vildivia, ad pedes Andium,

Tnbus II. *FLACOURTUNAE* Endl. - DC. 1. c. 255.5079. *FtiCOURTIA Commers*

(DC Prodr I 250 — Wlprs Repert I 205)

- 1 FL BENTHAMI Tulasne, Ann sc. natur. (3 Ser) VII 201 f — Glabra mermis folus subhnceolatis acutis vel breviter acuminatis, minute ^landuloso dentatis subsesilibus, floubus glomeritis, glomerulis minutis H) — *Fl prunifolia* Bnth PI Hartvp 160 (ne< H B Kth) — Ciesctt in sylvis Aiidium circa Popiyin Nov le drinitae
- 2 FL SPICULKERA Tulasne 1 c 292. i — Rimulis laxe puberulis spinosis, folus tonaceis plibus ovitis vel coidito lotunditis, icutiucuhs serrito dentatis, deutibus intiorsum < urvulis, r-icemisbievibusrebcinmebiacteatis, mast ulis paucifl)is, foemineis densi&sime flonfens, sti,mite peltito 3 — 4 lobo, fructu globoso glabro ft,* Vernacule dicta *Corona esptno* — Crescit in planitie Bogotensi Novo Granatie.
- 3 FL ELEGANS Tulasne 1 c 294 f — Ramis spinosis gracilibus foliosis, folus sparsis felabns obovitis, obtuse breviterque acuminitis, bast lonp,iuscule attenuatis, breviter petiolatis serrito dentatis, floribus fasciculatu congestis 5? — Crescit juxta Mendel ad los Cerntos in repno Novo (jrauateusi
- 4 FL VELUTINA Tulasne 1 c 295 f — Spinosa folus obovato ellipticis ubtusatis obttweve mucronulatis, basi attenuate petiolatis dentatis, utrmque pubenti velutims,

floribus (foemnets) glomeratis; pedicellis puberulis sepalsquo ovatis lattusculls, fructu glabro; stigmatibus 2 divergentibus crassis. ^? — Crescit prope San Louis (ad la Miua) Novae Granatae.

- . FL. RUKAM Zoll. et Moritzi, System. Verzeichlin. der von H. Zolling'er auf Java gesammelten Pflanzen p. 33. — Fruticosa inermis: cortice griseo puiwtato, ramulis breviter tomentosis; foliis alternis glabris serratis acuminatis; floribus dioicis, foemineis sepalis 4 lato-ovatis nrbidis, disco annulari nigro; ovario sub — 8-stylo, stigmatibus suborbiculiribus uno latere fissis. t) — Crescit prope Pantar Pete in insula Java.
- fi. *YL. HILSENKERGII Prsl. Bot. Bemrkngn. p. II. — Species indescripta. — *FL cataphracta* Sieb. Hb. fl. Maurit. I. no. 103. — Crescit in insula St. Mauitiit.

*** K genere expellenda:**

FL. RHAMNOIDES Eckl. et Zeyh. = DOVYALIS ZIZYPHOIDESE. Mey. (EUPUORBIACEA.)

f **Genus Flacourtianeuu anomalum.**

5081/V **ITICRODES** [^]IIS *Hook. fil_m*

(Hook. Icon, plant. IV. tab. 758.)

Flores dioici. Masc.: Calyx minutus quinquepartitus. Petala totidem, aestivatione contorto-imbricata crassiuscula. Stamina 5—10 uni — biseriata, seriei exterioris petalis opposita, interioribus alternis paulo breviora, omnia sub rudimento pistilli hypogyni inserta. Antherae biloculares, filamentis liberis breviores. Poem.: Calyx et petala maris, sed paulo majora. Stamina et discus 0. Ovarium in feme loculis duobus aut tribus minutis excavatum, caeterum solidum. Styli quatuor breves recurvi, papillis stigmaticis elongatis undique plumulosi. Ovulum in loculo quoque unicum, ex apice loculi suspensum. Bacca exsucca bi—trilocularis[^] putamine osseo, extus processibus irregularibus cristato-muricato. Semin[^] in loculis solitaria anatropa, integumento. . . . V, embryo in axi albuminis carnosio recto, cotyledonibus subfoliaceis, facie piana a sibi applicatis. — Frutices (?) facie *Casariae*, ramis virgatis gracilibus. Folia alterna breviter petiolata lanceolata cuspidata, obsolete vel exserte serrulata penninerviareticulato-venosa, rigide membranacea pellucido-punctata. Stipulae minutae persistentes. Flores in fasciculos aggregati[^] masculi in fasciculo 3 — 12, foeminei 3 — 4, hi brevius pedicellati. Pedicelli c pulvinulo bracteolarum brevissimarum exserti nudi. Flores minuti.

Subgenus I, *Microdesmis*.

Stamina quinque. Antherae muticae.

• 1. M. PUBERULA Hook. fil. 1. cit. —

Crescit in Africa tropica occidentali.

Subgenus II. *Ganitrocarpus*.

Stamina 10; antherae extrorsae breviter apiculatae.

2. M. CASEARIAEFOLIA Planchon mss.

Tribus IV. ERYTHROSPERMEAE Endl.

5085. **HYDKOCAIPUS** *Grin.*

(DC. Prodr. 1. 237. — WJprs. Repert. I. 200.)

1. • U. INEBRIANS Vahl. — DC. 1. c. — Wlprs. 1. c. — Wght, Icon. pi. t. 942.
2. H. ALIMNUS Wght, Spicil. Neilgherr. I. 9. t. 10. et Ic.pl. t. 943. — Sepalis omnibus aequalibus reflexis; petalis ovato-lanceolatis glabris, squamis lineari-lanceolatis petala aequantibus, apicem versus ciliatis; staminibus 5, filamentis quam petala multo brevioribus, antheris obtusis; pistillo in floribus masculis nullo; florum foemineorum calyce et corolla ut in masculis, antheris autem absque ullo polline, stylo nullo, stigmate peltato 5-partito, laciniis obcordatis patentibus, ovarium coronantibus. † — Crescit in montibus Nilaghiricis.

Ordo XT. CISTINEAE DC.

(DC Piodr I 2bJ. — Wlprs Kepert. I. 20b. II. 7Go \ -,S. b.)

5028. CIST17S *Toumicf.*

(DC Prodr. 1. 2W. — Wlprs. Repert. 1. 2015. II. 7G3.)

- I. C. SERICEUS Mumby, Revue botanique II. 502. — Caule fruticoso exstipuiato, floribus t< i mm ilibus fis< it ulato umbellitis, umbellisG-flois m\oluuatls, unoluuis ovatis acutis senceis deuduis, fulnis oblongis lincanbus gltbus sissilibus, marline ltvo lutis, rameis opposite distantibus, ram is floiifuis elongitis <liph\lhs, pidunculis caly<ibusque dense sericeis. fy — Ciestit prope Oran. — A flin is C **Chatt.**

5029. UIXIAMHKITIIITI *Tournef.*

(D . Piodr. I. 27G. — Wlprs. Iepert. I. 20S V. 68 b.)

1. II. MULTIFLOHUM Sil/m. mss. ex Dun il, Petit bouquet t medit 1 c. ex I lora 1847. p. 604. — KamohlSNlmum • ramis teretibus buMm botonus, b isi glabns, superne leprobo tomentosus suht inereib , foliis oppositis MibbeM&ibus lanceolate ellipticis obtubius culls, bisl suhrunratis, intut. c maliLul itis, supra gi ibeo vmdibus pilosulis, subtus obsolete leproso argentelh, cor>nIMS> turminabus multillorib, pedicellis unifloris caly<ibusque lunge tmsutis tlbidis \) — Crist it circ* Tanger.
- \ II. CALYCINIJM Duiul, l'etiL bouqui t medit. t. 2. ex Flora 1847. p. 004. — Suffrutisrens eic(tum c\stipul itum foliis linen thus opposite laevibus, subtu6 obtuse canitit, ptdunculls termin ilibus solitarns unifloris, \\\ folio lon^ioiibus , calycibus tnplivllis. 2[— *Cutus culiftuius* L Mant. bu5. — tlus. *Hist.* I. 180. (c. it.). — Cre Beit in Km op i austi tli, in llailuo cut a Olyssipontem.
3. II. POMKIUDI VNUM Dutnl, Petit bouquet medit t. 4. ex Flora 1847. p. 004. — Suffrutex hgnosus ramosihstmus ramulis grat ilibus lepioso granulosis, folus false stipulatis, infenoribus oppohitis, superioribufe alttims, v ilde inaequaliltus, breviter petiolatih, liiKeolito oblongis obtubiusculis, marline ievolutis, supra obsolete pulverulentis gnseo vindibus, subtus tomentoso pulverulentis nervojjjij., flonbus paucis terminabus cymosis, calycibus lur&utis, 5 ph^llis, sepahs exterioribus 2 minutissimis. /) — Cre&cit prope Oran.
4. II. (*llalunium*) ifcHNirOLIUM Colm. & Willk. *Botan. Zeit.* 1847. col. 236. — Fruticosum. lamis vir^atis lanatis, folus terms verticillatis oblongo 1 mceolatis truierviis glanduloso seirulatis, supra vmdibus pilosis, subtus lanatis canescentibus, ptdunculis uuifloris axillanbus folioium verticilhs longionbus albo lanatis, sepalis tribus aequalibus ovato acununatis dense lanatis. /) — Ciescit in Galicia
5. II. DICHKOUM k/e. 1 lora B. Z. 184b. p. b'33. — Caule suffruticoso, e basi ramoso, nudo, ram is ascendentibus albido stellato pilosis, folus exstipulatis, brcviter petiolatis ovatis acutiuculih, basi subcordatis, maigne ievolutis, subtus venosis denseque < andidi* stellato pilosis, supra vmdibus, parce appresse-pilosis, summis non diminutis, rat enns teimm ilibus, pedicellis cuivatis, sepalis obtusis glanduloso mucronulatis, extus candide pilosis. 2\ — Crescit in montibus calcareis prope oppululumCluva (legm Valentim) lanus, fiequentius in montibus Sicua de Cln\la, la Casolettac. 1 — 4000*.
6. H. ALLIONII lmeo, *Plant. rarior Niciliae* pag. 43. — Suffruticosum dense caespitosum . caule pi OLumbente, i imis llonfens as< endentibus subcorymbosis, folus exstipulatis oppositis petiolatis ovatis obovatis lanceolatisve tomentosis, supra cinereis,* subtus vel utnnque canes< entibus longe uliatis, lacemis sunphcibus pedicelhsque piloso glandulosis, calycibus hu&utis. 2[. — Radix lignosa ramosa rufescens, caules

jAuti is ex eadem radice pennant** deise caespitosa («<tmil><ti><>> ramuslwini tut-
 rescentes • iik'ulnvi glnhrl 2 — S-|nllr tates, tani nisi IUTriferla .. tani iugibna; — 175 pol-
 licaria, unheorjnthoila eltiereo tumeiitoni* i fmltA ujji.,siu pi'duiatu rxstipulai* o n u
 vel hanc ••Lifi .ii ui. Inferior* srittoru supra eia* rra vel alb' dal», it-HnlntiT rnia-
 tusk, adpersa pilis longis frt.MirulltJd, aurgtfc pUtttt, ii-.l.-il! (IIIN < ili.it.i, .sulituc e<-
 nnscentis, tuncutu '!' M iv.Mitu attpati> »teliulatu intjur nlrro ad<pcf8B ptlifi luugUi f.m-
 clealstLs; raeemi siirijili es 'J—ii il.iri pedicel I ique toneiitod iiloBu^hadaloot, pMU
 [uttenttbuj uigfliuntlbufl, iinrrv (parrQ ue<fl4eiit<i rel rn'cti, pMt anibitstn rvcnrrf)
 bractea linearis-acuminatae eila (in'; Cal/cil l'olin! caneso.-iillil illrvUtn, ilun t't'rlnr:i
 augumte lht'i.iri.i lireriora, (utirium (HH av.ttn ijuuiiueifi vlx; corolla c rocea, petalU
 ob («alis, calyce lijngiofihuK. — Cx)H< it in IUotU Mperia elailuxBiM ni'iitosis

7. II. SICULOU Tin"* I. >. p. 44. — Cool* *uiTruli<- (isu drcumhente raraosu ; raaiU
 astralenticibus lanuginosis vicescentillun ; fotiU OppOtttiA [n'ti.(l, itix , nitir^htf revolo-
 ris il.'niii ulitirv kubaadulKHi ellatis, lopra jit.ifirlu*rnli.\ uiurat* tirentiUuc, xoUiut
 in.-tt, is, Inferiortliits • li, | itcu lance >iatlx, madfl* «lilui)go-oborati*, <iii{ic>riiirtl)u% line-
 ., n l.iii. fulytis; Stijiuirs an^uste liieorlbtM liliatls ; p«dic«lta •ibo-lumentoi j* ; Calycel-
 bus hnutii), friutit.Tis tivnllitUH. I) — Itailix tigBMi r>»MM ruffla«C«oB| caul* « r»-
 dice plurrk, Infurn« prrfiinaiti-N >*ul>j^datea ; folia opposita, iir<->iifr petloiate, infe-
 riora minor, elliptica Line, i.l.ir.. iiiiirilia nbJongo nbovata, MpreBM lluftari L necrolata,
 uamb iiriiliUMiili Mi|ir.t h.i)ui.il<- virldlu, ^i.iltr->, »I.S|I>T\I [M|LS Luis loagl loli taris vel
 CUCICUAMKI nupio ryo. ; i- NIIMIJLJHJU di'iilirul.tta, iimii-m V\W clibli, tiubluli
 albu lofut-iiirtsjj (nil... [« iiri'vi.NMinw al^Mai? ***>H«l^<? i> *m0 uervo attspersa pilis lun-
 .i . r.'M-ii-ulliliK , ti.mi tiittffp-ullilis ; -1 4>uiaBM^p|i lotif;l>irrs , in.t'tr.u- uigu<tu tfutut
 r*n; n; rM'mi jiauoirtnri, p<i)irelli iticitii, calycel siljaequales, Tructiferl penduti i iuly-
 cts foltuta duo Mrteroci Itnearl*, KubiUnildin UTZYNEA, Inteiton Irln rrafti ijiimpie-
 II, i \ ui . n.Tvis (nir)nirjsi:<-iitiliis liirMiic, |,ili * Hi iialeuUbu*, liasi . . . 9> i .,uiattl,
 Int f nrrros BtmbTadMS^a jiallcitla toaieitasa, pills steilululun; >urulla CJLona, petal-
 lis oi,iv:ttU, r.-il><f ilnjilo InilL'niriliuA. — Praklaunn H. rulgur, IIII*rt praerique G-
 jii> in,ir:iru' •liTilii'uliti.t miltuniluUI*, mciliis utiloi^i uliuvnttfj ha*I tuberculatis, pi-
 \H litiiis CudcuUti, rajnle Rorlferls longalis, ruccmis paucifloris. — Crescit
 tii uprris calcarcis eltfiofibtH muntotile Siciliae.

Ordo XTI. VIOLARIEAE DC.

(DC. Prodr. I. BB7. — Ulj-rv. It.'... bet, *y*L I. J)J. II. 766. V. 5>.)

50iO. VIOLA Linn.

(UC. 1'nulr. I. Ml. — Wlfn. Bepert I. 213. H. 7GG. V. 39.)

- I \ XtntiimiHtn) iUICBOCEn LS Rspredit, Iteitr. / . I'lliinkil.!. Russl. II. XX. u |, (Jgl2.
 — IM.niti fuutlut) !nsp«cta faun buigniSi Hi cum nullu vo^tiitarum iniiiiiuuari possit;
 faeles to• i 'l'. pakOtrti, ni fl>Ki Bargine et pttgtaa sa^Ortott (nun inffllorej pubes-
 • i-iitt.i, M'j;tdi Imciri.t neutn, mt«r,^i)il rij;iiilu ciliuto-serritU. — VA<scit in Surojody-
 dOftm illMll Kolgaj:W.
- 7. v. men \ MII \ Bertolonf, Htm. cununentv. acad. Uunon. V. 733. — Erecto: foliib
 inferior))!) * onfis, toDgts prttilalai^, mrpcfiofibua t;uti*tltiitis, pedunx olis sulitariis,
 •xIUaribQg] eonllllfl calycel • Bb^wptallbne, c>kkttri itbbidrhhto. 0 — K><liA ^Jn^^a
 gracitU , allm. Cadlls erectus VI ad<e<i«M, »inrj>lex , «u* UM» alterove ramo
 k| "j>- iir.sin tnetntchu, oirrltrr aplfhupawW) (nftnM pilusalus, «ap<nw |UI<et. VoUt
 fitiisr- scriiLti, cltlatata, inf'rforu orala oittus^t, Mpevion IMO00M^ ucuta, utraqve
 sulTultii p<tiok> potlvs rongo |>Uvsu rd saltern cilt<)btt». Sttpetaf pinnatifidae, ia-

- t infl anguste linearibus, cillolatis, imae petiolo breviores, reliquae aequales. Pedunculi jam ab imo caule avillares, solitani, uniflori, folio multo longiores, glabri. Bracteae duae, exiguae, laciniosae acuminatae alternae, sitae paulo infra florem. Flores parvis. Callus laciniosae lanceolatae, acuminatae, basi abscissae. Corolla calyci subaequalis, non longior. Calcar breve, obtusum, incurvum. Capsula acuta. — Crescit in upis Kupbratis (Iuvu).
3. V. PATRIFYFTLH/1 Hois*, et Hohenack. in Bot. Diagn. pi. or. nov. VI. p. 21. — Klusoniata lignosa trusbissimo caespitosa, caulibus maxime abbreviate subnullis, squamis inibucatis tectis, foliis omnibus radii alibus longe petiolatis parvis ovatis obtusiusculis, margine plane piluloso inrictis, caeterum glabris glaucobaccatis, stipulis folio adnatis minimis triangularibus lanceolatis, pedicellis solitariis radicalibus strobiliformibus, folia aequantibus, flonibus parvis, sepalis glaberrimis lanceolatis obtusiusculis angustissime albo margematis, petalis violaceis oblongo spatulatis ebracteis obtusis internis, tamen recto saccato obtuso petalis paulo brevioribus, stylo a basi intrassato clavato, stigmate trigono truncato obscure truncato, antheris appendicibus aequilantibus. — Crescit in cavis rupium calcarearum excelsiorum montis Cui i kurdistaniae.
4. V. (*Nomuum*) 10KI VLLSIA Gay, Flora (In lenda I. 209. in t. G. r. CUBnuscula Miffrutis) caulibus subnullis, foliis lanceolatis medio punctatis integris aut obscure remote serratis, 3—4 lineas longis, 9—10 latis, in petiolum decurrentibus, stipulis lanceolatis acutis, flonibus raerulis longis pedunculatis, stigmate rostriformi. — *V. rubella* Hook et Am. (nee DV) — Crescit in (Iuvu) provincis centralibus.
5. V. LUMILLOSIA Gay tit. III. f. — Iudice crassa lignosa. caulibus subnullis, foliis terebinthaceis spatulatis obovatis integerrimis, utrinque laevibus, margine spinuloso ciliatis, in petiolum longum attenuate, stipulis subintegris acutis pellucido candidis, floribus (obtusis, stigmate rostrato, membrana integra apice levoluta corollata. — Crescit in tonlillens Chilensis Talcareud.
- d. V. KIT M UVFLALA Gay 1. tit. 212. — Glabruscula foliis ovatis lanceolatis subcordatis crenulatis, saepe pluriatis, stipulis linearibus lanceolatis at utis laciniatis, inflorescentiis minutis, calyce destitute, petalis sepalo brevioribus aut lanceolatis aequantibus, stigmate uncinato nudo. — Crescit in Chili (Irea) etorcam.
7. V. HUIDOILTL Gay 1 (in 214. f. — Acaulis glaberrima. foliis ovalibus truncatis obtusis, basi subrotundis, stipulis grandibus linearibus lanceolatis acutis ciliatis laceratis, pedunculis folio longioribus, flonibus coeruleis, calyce antheris productis, stigmate apice tarsiulo, rostro brevissimo. — Crescit in Chili (Irea) etorcam.
8. V. DOMKIKO \NA Gay 1 cit. 220. — Acaulis foliis rosulatis integris crassiusculis ovatis spatulatis obscure serratis, utrinque glabris, in petiolum glabrum aut lanatum attenuatis, flonibus luteis, stigmate flexuoso lobulato, (apsuhs laevigatis pynforibus. 2J. — Crescit in Cordillens Chilensibus de los Patos.
9. V. MOISTAGNII Gay 1. cit. 222. {* — Acaulis pilosissima foliis dense caespitosis integerrimis, utrinque pilosis ovatis spatulatis, in petiolum longum attenuatis, stipulis 2 membranaceis subciliatis, flore minuto atro purpureo, calyce subnullo, stigmate minutissime tuberculato, rostro brevissimo instructo. — Crescit in Cordillens Chilensibus de los Patos.
10. V. (*Discifudin*) OIHGJNYANA Uemy, Ann. des sc. natur. (3. Ser.) VI. 363. — Caule nullo vel caudiciformi, foliis rosulatis linearibus integris ciliatis exstipulatis, pedunculibus radicalibus bibracteatis, stigmate bilamellato. — Radix crassa, rufomaculata radiantia emittens. Caudices crassi pycnophylli, apice rosula foliorum vestiti. Lolla dense imbricata parvula lineata aut oblongo spatulata apiculata crassiuscula integra, retroisum marginibus ciliatis subaculeolata glabra, basi dilatata membranacea exstipulata. Bractee florales abortivae, basi inter folia sitae, stipulaeformis minime, anticae membranaceae. Pedunculi radicalis, longitudine foliorum, supra basin bibracteati, apicem versus interdum hirti, bracteis oppositis linearibus acutis ciliatis, margine remote denticulatis. Calycis sepala lanceolata acuta integra glabra inaequalia, basi vix in appendicem producta. Petala superiora obovalia integra, petalum in

ferlus majus obcordatum, lobo metllo mucronulato, c&kau brevmsculo obtusissuno clato. Stylus aplice inerasbatub, stamina superans Sti,mi patllulatum bilamclatum, lamellis dibcoideib lit pileolum reflexls. — Herbu |>arvula, petilis tlbis colore \violaceo lineolatis — Crescit in montibus \ulgo Cordillitib de Maratbutos, in de divibus mantis Ulunani ad nives altitud. 10000 ped. an,;!

- IL V. NIVALIS Rnth Plant. Hartw. p. 100 no 891 — Trunco brevisstmo cacsposito ramoso, folus capitato confertis rosulatib oblongo lam eolatib acutis retioi&um seriu lato cilntis, bisiangustatis, utrinque glahns, prdunrulo folus multo brevior, bepalis lanceolate, calcan abbreviato obtuso. — Species *V. rosulatae* et *V. cotyledon* Endl et Poepp. valdt affinis. Folia minute glanduloso pumtati, lamina patente 1—5 lin longa, petiolis dilatatis dense imbricate. Flores qnam in *X bi flora* nnoH'S (lutei?) Stilus basi attenuatub, superne lateraliter compressus, apice oblique expausus in stigma crassiusculum, planum, antice integrum, postiu* breviter tnlobuni Ovula in quaqu placenta 3—4. Capsula glabra, 2 lm. longa — In monte Clumboia/o piopie ad nlves aeternas.
12. V. PAHVIFOLIA Rntb.l. c 161. no. 802 — Trunco brevissuno rathpitoso ramosi&&imo, foliib tonfertissinus subrosulitis spathul itis 3—b trenatis integrihvt lon^e petiolatis glabris subtanescenUbus, pedunculo folus dubbrMioii, scpilislatr lanct oUtik, caliau brcMSSimo. 2\ — Affuuspiat tudenti, folw, nunn rosissima, pttio 3 lin. lou^o dilatalo, lamina 1—1 Vb lm* Hn< P''><i> niir^ine bubtirtihginea viv \ non ciliata, coiolla pn^a lutea, <t am mum appenditt s oi^iculatae, fetjlus basi att nuatus, buptiin L&#i ilitei 4.ompessus, api^e oblique expansus in stigma crassiusculum bubtoidifornus uvula in quaque placenta 2. — In lou& sabulosls montis Antisanae alUt. 15,400 ped.
13. SEMPEJIVIVUM Ga>, Flor tliilena I. 22b. f — Ciulibus lit;nosis rrasMb astenden t>bus>, folus rotundo spatml itis integcrnmis mucronatis, utrinque lievibus, maigine carlilagineis albi& aut luteib, in petiolum attuiatis et in api< < i unoiini dense rae bpitosis, (loribus luteis, pedunculis folio brewonbus, stigmat bilol i I (— Creaqb in CordilleriH Clulensibub Aconcagua, Coquimbo etc
14. V. {Melanmm} VIVAIUENSIS A. Jordan, Observ. sur tjuclqu. pi nouv. de la France I. 17 -J t. 2 — Folus crenatis, mfenoiibus ovatis in pi^tiolum contra* tis, superior! bus lanc< olatis, ttpulis palmatiddis, lanniis linearibus, media latiore subint< ^ri, petalis buperionbus oblongis, infenore obo^ato-cuneiforml, calcari evinue compresso, appendicibus cal>cis subduplo longiore, radice simplui, caulibus iiferne postratib ramobi&simis Q— Affinis *V. declinatae*, *Sudeltae* et *Rolhomtigcnsx* Dsf. — Ciescil in montibus subalpinis Vivanensibus
- 15 V. PALLFSC ENS A. Jordan 1. c. II. 10 *] t. 1. fig. A. 1—18. — Pedunculin erectis subpatulis, corolla calyce subduplo brevior, petalis hupenonbus oblongis, inferiore cuneato apiculato, capsula globa obtuse trigoua, folus inftrionbus ovatis obtusib, supenonbus lanceolatis acutis, btipulis pinnatifidis, laciniis 4—5 lateiahbus li neanbus at utis, c\timx majore biibdentala, caule Maiplici erecto subpubeiulo. 0 — Cres< it in campis cultis in Gallia australi piope Hyeies.
- IC V. SEGEIALIS A. Jordan 1. c. If. 12 *{ t 1. fi_>. B 1—19. — Pedunculis erecto patulis, corolla calycem subaequinte, tapsul i clliptico ovata obscure angulata, folus dentatis, inferuiibus ovitib vel o^ato oblongis buba< utis, superioribus angustatis acummatib, bttipulib pinnatifidib, lacimib Q—7, laterahbub lnearibub acutis, extima lanceolata subintcgia, caule &implici vel liiferne ramoso, ramis erecto patulib 0 — "Crescit vul^ans prope Lyon.
17. V. AGRLESTIS A Jordan 1. c II 15. * t. 2. fig. A. 1—19. — Pedunculis patulis, corolla calycem subaequante, capsula ovato oblonga obtusa, obscure angulata, folus (Tenato dentatis, inftrionbus ovatis vel clliptico oblongis obtusis, suptrionbus angustatis caualirulato phcatis subacutis, stipulis piunatifidis vel inferiu* Mibpilmittiddis laciniis 5—7, lateralibub linciribns suba< utis, e\tima ovata ampli >fl an^u^tati ere nato dentala, caule a ba&i lamoso, lamis bimphcibus patentibus 0 — Crescit in Ciulha prope Lyon.

- 8 V ISFMUISrNSIS A Jordan 1 c 18 f. t. 1 fig C 1-18 — Pulunculis erecto patulis elon_Ditis, toiolla cilj<em subacqu int< i apsula o\ata obtusa obscure angu lati fohis obtuse crenitis Inspirits mferioribus ovatis, superioubus oblongo spathu latin omiuljus obtusis, stipulis subptlmatifidis, lacinus 7 — 9, laterahbus Iमारibus obtusis, extimi ampliore obtusi runiti, ciule lupidulo simpliu vel a bast nmo&o, rimis patulis Q — deficit in Gallu cin i Ninn s
- 19 V GRU IlfrSLfrNS A. Jordan I c 20. -j t 2 fig B. 1—18 — Pedunculis erectis clon_nitis, (orolh cil>cem parum supirantf, cipsuli ovata obtusa, fohis profunde crmito dmtatis mftnoihuR ovitis suit cord itis obtusis, supcnonbus tn^ustitis autit», stipulis puinitifidis lacinus 7—10, latt i tl bus Inn mbus aiutis suhfiltatis, e\tima ampli rmnto d< nt ita cauli simplu i v<l i bisi nmoso, ramis mferne ascendentibus onrtiR — irtscit in C>Uia circi Ljon
- 20 V POM If \ Boifcs & Spruner in Hoiss Dii,n P¹ »r nov VI. p. 21 — Peren ms glabtrrinn rnnluulis repentibus nudis, c tulibus abbrt*vi itis fere ad rosuhm ra tlteihm reductis fulus int< gerrunis miumis ov itis encrvub olituis, pt>ti>lo us qua druplo lon^ion sufTultis, stipulis Coins simillimis et ab us nou di_Dioscendi&, pedunculis folio 2—3 plo longionbus prop* ipucm nuriutissime ljl>r icteol ids, calycis ladius oblongo III intus acutiustulis ui_niist< albo margin itth corolla coerulei di midio bicvioribus, < ilc in appendiculis oblon^la acutiusculls subdlmdio longiore rraso obtuso 2j. — *V alpina var para* (I tra Sprun — Cn sett in 1^J irm isso ad 0000 altitudiuis
- JI V (*Jtptidimn*) BffionMFFOJIA Bnth. Plnnt H trtw no 893. — 01 ibra ciule basi stolontft ro en < to fohis bicviter pctlol itis ovitis subfalcatis bisi inaequalittr cuneatis, mu^iik i illoso crenatis, stipulii ciliato d>ntatis, pedunculis folio brevmn bus Btptlhlint in lin< colitis, cMcau bre\issimo Ji — Folia hipollu mi, icute acumtnuti p< mmmu i \ II suhtus minute lepidoto punctita Stipulielat< lin<colatae 8 — 9 lin lon_ni(rufo mi mln in iceie, bisi in unit im oppositifoli »m saepi connatte Ho r<s m i_niitii(luid fere *V comnae* — In declivitate oicidental Andium Quiteusium v< rsns % tn jal
- 22 V (ALLOS V U\ \ I c p 1G1 idnot. — Ik ptins p,libra folus o\ itis acutiusculis, ba&i cunt iio in^ustatis, mtrgtup c illoso serritis crassiusculis uninervus, stipuhs lon_nt ciluto dcntitis, pi iluncuhs folio brevionbus, sepilis linean lanceolitis, takari bie Vtssimo 2|. — Ad Loxam

h VIOLAE IIVDFSCRIPTAF

V MONTICOLV A Jord in Obsuv iur quelq pi dc la I rance II 17

V PAILLOIJXIA Joidm 1 c 3b

{• f IroncH aildendac.

V CRASSI\OIIA Tn/ — (Kepert I. 215. no 16) — Atlas zu Russeggers Rciscn Hft 3 t 14

V PFMVIMCIM \ Fn^l — (Repert. 1 c no 17) — Atlas et< I c

V UICiHTI^A Will — (Repert I 215 no 21 et Fmend) — Wght Iron pi t 01 et Spttl ISttl^heir I. 11 t 11

5041. IOMD1M VaU

(DC Prodi I 307 — Wlprs Rq>eit I 221 II 7C7 V 59)

- 1 I THYMIFOLIUM Presl, Bot Bemtrk p II — Fruticulosum caulibus err* U< an^ul itis i imosis glabns, folus sessilibus lauceolatis icutis, obsolete serratis inte gcrnmisque oliitis, basi angustatis, stipulig brevissimis subulatib, pedicellis axil laubus (ompicssis pubeiulis, folio Ion_nionbus, sub apice bibcae teol Itis, sepahslm i colatis acumimtis coiolla cipsuliquit brevionbus, hbello nnvimo transverse ob lon^o mucron ito h isi \clutino — I icscit in promontono bonae spci
- 2 I LINAUIOIDI S Pitsl I c p 12 — Pucnrie bhberimuni ciule eiecto tei << subi imoso, folus ffessilibus lineanbus obtusis mte^errimis mir_Buie subtus revolut

stipulis <natis obtusis adTPSSis minutissimis t r atom is trminalibns spcundls, pedicel
Its nudis, bractea o'ata qu idruplo loii^ioribus, sepalis lanceolatis amtis, capnila
quadruplo bn-uonbus, libdlo lanceolato obtuso — Cre&tit in JNova UolUndia ad
Port Jaiks-on.

- 6 I. HIMMDULUM Presl 1. r. p. 13. -J — Annum < mle r imoso , folnt, spams sessihbus
lnifari linceolatis a<utis remote Sfiuhtis, mar^me ner'oque medio subtus s<abriu&-
{ulis, sttpulis lincinbus atutissimis Manosis, (lonbus aMllartbus sohtiuus, pedioellis
m»>do bibru tocl itis, sepalis lanceolatis acutissimis hispululis, petilis quinquememis,
lahflo spathulito, hasi saccato brewonbus, < ilvci aequilongis, capsula ^labra , se
minibus ovoid< is longitudinaliter stuatis. — (rescit.
- 4 I. (*Ptgea*) AUS TUALASIAE Behr, Linnaea XX. C29. ;* — Uamis — foliis delapsib —
toruloMs aij-julosls, foliis spirsis patulis sessihbus lmearibus acutis mur ronulatis;
ppduiif ulis axillinbus 1—2 (Ions, folio broionbus bibracteatis, flore altero termi
nali, altrro axilhri, pcditello iterum bibrat teato, labello emai^uato rehquis potaliS
scpilisque duplo lou^ioic, calrari obtustssimo brevi, ad basin laliclli compresso,
glaudulis duabus ad basin stinununi. — Ciesnt in ISola Holl mdia austril prope
Lynbrookvalley.

5041/1. IOMID1OPSIS *PraK*

(Presl, Rotanisthe nenii'rkuii{;*ii p*g. 13)

Calyx pentasepalus, sepalis aequalibus. Petala snperiora et late-
ral id conformia erecta lineari oblonga trinervia, quintum &u labelliim
uiiguiculatum spathulatum in talcar longum rctunufue productum. Sta-
mina libora aequalia, filamentis brevL»faimU plauis, duobus inferioribus
dorso appendices subulato-filiformes elongdtas, in calcar intrantes ge-
gerentibus, antheiis cordato ovatih, apice appendicem subiotundam co-
loratam gerentibus. Stylus brevi^ . Stigma obliquuin. Capsula trival-i
vis unilocularis elastice dehi&cens, valvis medio placentiterife trispermisl
Semina globosa opaca — Genus intermedium inter *To nidi um* et *Amlm*
team; calyx nempe *lonulu*, corolla et stamina *Amhulim* * capsula tl
semina *Jonulu* aut potius *Vurtuo*,

- 1 I. UIUlrULOSA Piesl 1. c. \ — 1 rutilus glabenimus, fohi lanceolnta (iifioilli
cana et longiora, pullitem circiter lata, acuta glanduloso deutata, in p< tioium ultra-
pollicaiem basi angustati, stipulae lineaii setaceae, racenu seuipolhclies 3—oflon
petiolo breviorcs eiecti, (lores uutmtes. — Cie&cit m Brasilia ad Hio de Janeiro
pi ope Praja alta.

5046/i- P1YPAYROIA *Auhl.*

(Tulasne, Ann. sc natui [III. Ser] VII 31S. [Char, reform])

Calyx 5-phyllus liber, sepalis ovato-ellipticis obtusissimis vel ob-
longis, duris, inter se subaequalibus, basi nequaquam productis, acsti-
vatione quincunciali situ late imbriratis, sub anthesi modice apertis
marcescentibus. Corolla receptaculo inserta 5-petala glaberrima, pe-
talis crassis linearibus, basi iliterdum subcucullatis, in alabastro lineari
et longe exserto saepius contorto imbriatib, uno tan turn plane interno,
inter se subaeqiiialibus omnibusquo inte&>ris acutis vel obtusatis, in
flore explicato e basi ad medium usque in tubi sortem arete approxi-
matis consociatis, sed arte disjungendis, ultra contia stellatim paten-
tibus, itatjue corollam gamopetdUm mentientibus, demuin insimul ca-
ducis. Stamina inonadelpha 5 glaberrima brevissimaque, receptaculo
inserta, cum petalis alterna, filamentis crassis invicein marginibus om-
nino coalitis, vaginulain in acie antheriferam simplicem nudam nee
appendiculdtam eifioieutibus; antlieris istius margini continuis sen ad-
natis brevissimis, late obtusis, magib minusve retusis, et in sinu bre-
vissimo mucronatis vel muticis, utroque latere rima arcuata apertis,

rimis apice subconfluentibus; polline luteo. Ovarium linear! ovatum centrato liberum sessile, in stylum rectum rigidulum abbreviatum com presbium, apice paulo dilatato mine quasi irregulariter erosum, none obscure breviter bilobum clausum abiens, uniloculare, triplacentifenum, placentis parietalibus laminae- seu costaeformibus e basi ad apicem pluriovulatis, ovulis anatropis subhorizontalibus, vix funiculatis. Capsula oblonga acuta tricostata, basi calyce stipata, loculicide in valvas tres aequales cymbiformes, medio seminiferas dehiscens, endocarpio duro subligneo tenui, pro parte a mesocarpio secedente. Semina. . . . ? — Arbores inter tropicos orbis novi vigentes: foliis alternis simplicibus integerrimis petiolatis amplis stipulatis, stipulis caulinis caducis; floribus laxe vel dense racemoso-spicatis bracteatis; racemis brevibus rectis vel arcuatis, axi valido.

1. P. GUUNENSIS Aubl. Pl. Guian. I. 249. t. 90. — Tulasne 1. c. 370. — Ramis glabris, foliis amplis obovato oblongis vel interdum sublanceolatis, late et longe acuminatis, acumine acuto vel obtusato, deorsum longe attenuato-cuneatis, petiolo incrassato valido brevi (5 — 8 mm. long.) fultis, 25 — 35 cm. longis, 8—14 cm. latis, utriusque glaberrimis, nervis secundariis paucis pinnatis et curvato divergentibus, apicem versus limbi margini parallele excurrentibus, stipulis lineari oblongis (15—20 mm. long.) e basi latiore sursum attenuatis acutissimis caducis, cicatrice semiannulata angusta juxta-axillari, racemo spiciformi terminali 3 — 6 cm. longo, pedicello arcuato, axi valido costato pubescente tenuissime cinereo pubescente, bracteis patentibus semi orbiculatis puberulis minutis onusto — Vanat floribus racemisque axi admodum glabris. — Crescit in Guiana gallica, In montibus de Kourou dictis.
2. P. GRANDIFLOKA Tulasne 1. C. 371. — Ramis teretibus glaberrimis medullosis, cortice nitenti, foliis obovato oblongis late et breviter acuminatis acutis obtusatisve, basi cuneatis intermedium, utrinque glabris, 16—25 cm. longis, 6—9 cm. latis, petiolo medio 15 mm. longo suffultis patentibus, stipulis triangularibus oblongis, longe sursum atque acutis tenuibus erectis caducis, cicatrice annulata ramum quasi integre circumcurva ambeunte, racemis soletane axillaribus patentibus erectis 8—10 cm. longis, deorsum nudis, ultra non dense floriferis, axi tereti glabro hinc et inde nodulifero * eito ebracteato, floribus in axillis nudatis solitariis geminis terminalibus, subsessilibus, vivacibus vix quidem bracteolatis, calycis limbo foliolis brevibus (3 — 4 mm. long. totidemque latis) ovato obtusissimis puberulis cinereis aut subglabris, late imbricatis patulis eubcoriaceis, corolla nondum explicata ovato oblonga obtusa vix contorta, petalis ovato imbricatis crassissimis aequalibus acutiusculis vix deorsum cohaerentibus, 2 centilira et ultra longis glabris, demum caducis, staminibus 5 monadelphis, 3—4 mm. longis, receptaculo insertis, filamentis brevissimis (vix 2 mm. long.), margine omnino coactis, antheris adnatis semi-ovatis crassis in medio apice vix emarginatis et mucrone acuto breviter auctis, locellis lateralibus angustis longitudo rimosis, ovario ovato acuto, antheris non excedente, stylis lente adpresse puberulis et albescentibus, stylo recto crasso compresso, apice paulum dilatato integro clauso glabro, longitudine staminum. — Arbor? Crescit ad oras Brasiliae septentrionalis in regione Paraensi*
3. P. ULANCHETIANA Tulasne 1. c. 371 — Ramis glabris sursum foliosis, foliis itidem glabris longe obovato vel sublanceolato oblongis vix acuminatis, acutis obtusatisve, deorsum attenuato cuneatis vel angustato rotundatis, 16—25 cm. longis, 6—10 cm. latis, petiolo brevi (5—5 mm. long.) valido superne sulcato multistructis, nervis superne imbricatis postice prominentibus, stipulis caducis, cicatricibus angustissime semiannularibus, racemo terminali brevi (2—3 cm. longo) densifloro erecto, axi valido glabro, minute bracteato, bracteis cito caducis, floribus subsolitariis et quasi sessilibus, i<>th P. Guianensis duplo brevioribus scilicet 12 mm. non excedentibus, alabastro aequaliter cylindrico obtusissimo haud contorto recto, calycis minuti foliolis ovato obtusissimis brevibus (vix 3 mm. longis) subpatentibus minutissime (sub lente) et vix ac ne vix quidem puberulis, corolla glabra deorsum tubulum mentiente, petalis imbricatis aequalibus obtusis sursum expansis et quasi corrugatis, 12 mm. circiter longis basi »^o

Incrassatis breviterque attenuatis, haud aegre disjunctis et caductis, stamimbus monidelphis 5, calyce subduplo longioribus glaberrimis in vaginulam angustam coactis, antheris solis hinc adnatis olatibus subacutis brevissime mucronulatis, loculis marginibus inoustissimis, ovano ovato lineari acuto pubente antheris brevioris, stylo contra duplo longiore recto glabro, apice paulo dilatato integro et foveolato. — Arbor e regione Bahiensi Brasiliae tropicae indigena

- 4 P LON(IFOUA Tulasne I c 372 — Glaberrima ramis validis teretibus foliosis laevibus aut vix verruculosis brunneis, foliis sparsis erectis longe angustaque lauculatis integerrimis acuminatis acutis, deorsum longe in petiolum rigulum supra applicatum vix sulcatum, subtus teretem, basi rugoso incrassatum et curvum (25—35 mm. longum) attenuatis, in medio 4—6 cm. latis, 25—33 cm (petiolo incluso) longis densis, nervo medio paulum utrinque prominulo, secundariusque paucis remotis stipulis juxta et quasi supra axillaribus, cicatricem distinctissimam arcuatim demissam linquentibus, gemma terminalis e foliis stipulaeformibus longe triangularibus acutis erectis rigidis brunneis effecta, rami bipinnatis curvatim erectis seu subflevuosis brevibus (4—5 cm longis) paucifloris, ad basin ramorum annotinorum aut aetate provectorum et adhuc foliorum bohtirinae centibus vel binis (singulo ex utroque rami latere sito), ita ut quasi supraaxillares videantur, axis compresso anguloso, foliis laevibus pedicello brevissimo vix 2 mm longo crasso nudo, basi bractea brevioris ovato-acutiuscula caduci stipulato multistructis sohtarnis (uno altero imperfectis juxtapositis abortivis?), sepalis oblongis (2 mm circiter longis) obtusis integerrimis idmodum patentibus (diu ante corollae expansionem) situ quincunciali basi imbricatis, corolla nondum expansa ita anguste hinc in canaliculum acutiuscula recta, petalis quasi convolutis (alabastra, quae sola suppetunt, 1 cm. longitudine mittuntur). — Crescit in Guiana Anglica

- 5 P. CONFERTILORA Tulasne I c 373 — Ramis teretibus glabris folisque lanceolato-oblongis longe anguste acuteque acuminatis, basi cuneatis, 16—20 cm longis 4—6 cm latis, petiolo glabro superne sulcato, 8—10 mm circiter longo sulcato patentibus, stipulis glabris e basi latiore sursum attenuatis acutis 8—12 mm longis, cauli applicatis deciduis, cicatrice semicirculari angustissima racemo terminali 2 cm longiore densissime folioso, capitulum mentiente, glabro, foliis subsessilibus minute bracteatis bracteolatisque glabris, calycis 5-phyli foliolis aequalibus ovato-oblongis obtusatis vel interdum acutiusculis subpatis, dorso striatulis et sub lente vix quidem puberulis, corolla nondum expansa longe lineari contorta glabra, 10—15 mm longa, denuo apice aperta, expansa deorsum vero tubulosa, petalis crassis basi subcucullatis ultra hinc in lobis, alterno interne requibus in vicem sese imbricatim tegentibus, corona stammigera calyce duplo brevioris, antheris brevissimis retusis et admodum muticis, ovano sessili ovato acuto, sub lente puberulo lutescente, in stylo glabrum compressum apice brevissime subbilobum, lobis compressis divergentibus, calyce paulo longiore abeunte, loculo uno, placentis parietalibus 3 prominentibus binis 4—6 ovulatis — Arbuscula Guianensis riparum fluvii de la Ome incola

5047. *ALSODEIA* Pel Tjouars.

(Wlpr Repert I 224 V. 60. — *Conohona* et *Alsodeia* DC Prodr. I. 312. 313.)

- I V BAHIENSIS Moric PI nov ou rares d Am 6S t 46 — Ramis tortuosis, foliis ovilibus obtuse acuminatis integerrimis glabris reticulato venosis, pinguibus subtus minibus, foliis pubescentibus, filamentis integerrimis glabris. t) — Hab circa Bahiam
- i A FLORIBUNDA Moric I c. 70 t 47 — Folus ovato lanceolatis obtuse acuminatis grosse laxaque serratis glabris, foliis paniculatis pinguibus axillaribus ternariis busque numerosis, filamentis internis dorso glabris, sepalis petalisque doiso pubescentibus \) — Hab circa Bahiam.
- 3 A LINDENIANA Tulasne, Ann sc natur (3 Ser) VII 364 -J — Ramis teretibus dichotome ramosis nodosis glabris, foliis oppositis lacceolatis, longe angustaque

acumlnatih glahrts obscure crenulntls, hasl inaequilaterls, flonbus racemosls mlnutls glabris, pptalls oblongi* obtusls; pltrntls tribus, flingulls umovulatis. \) •— Cre^ In Amltlius Novae AndaluMif edttionbus ad alt. 3000 nict. &upra oceanl ripas.

4. A. VNJ)IA lula&ne I. r. <>6 \ — Clibernmi folia dihtichis ovato lanceolatis lm «oltti&\e acutis et huhacutlnnatis, minutlssimc ef rcmotlsbime denth ulatis aniplfs, (lonbiis oniosis, onus axillaribub brevibus sacpius 4 (Ions, fiuctu oblongo acuttus fulo, sfmiriibus ^labns. fj — Cre^cit in Andibus mediis s. Uuinduenbibus No^ac (jianatae prope la Trocha.
- d. A. (.XSSYPIUM lulasne I c. *57 }- — Glabtriima foliis disticho altering late el liptuis v« I elliptito-oblongis, a< umiuatis ai utis, baM rotund itih integns subuitegerri- nus, onus brevi<fcimi8 nutantibus, til><e colorato, fructu sub^luboso tuberculato, ~~ndumc+~~ mucronato, semmibus goss>pio obvolutis. ty— Credit in Andibus orientalibus ~~Novae~~ O'ianatue.

Ordo XVII. SAUVAGESIEAE *Bart.*

(Wlprs. ntpert I. W3. II. 71>7 V 1)0. — DC. Piodr. I. 315)

503*2. 1A - V K J i m i l C j i l A Si. Ud.

(DC. Prodr I. 330 — Wlpit* Idpeit. 1 22fi. V. 61)

1. L. ANGUSIUK>LIA Planchon, Ann s<, natur. (3 Ser) VI. 238. J- — Folnsu iustly, basi lon,;e attenuat i In petiolum brevlnsimum d« c urrentihus, bicviter mucron.itii, htipuhs confeitiN subulitis, lime Inde fil inicntosis , race mo (lonfero) trrniin.ili, folus longiuie, conferte multillfiiof artitulo supLnort* pedi<elli infiTiioie quadruplo longiore, foliolih calycmli integernmis, antheris numeroMs In nssam ov it im antn e non < on- ca\ im < on^Intinatis. \) — I rest it in fiuticctis < on\ illiuni disti. Adaniantium, prov MI- nas Goiat in Ui.isiha. — Uenus nupernmu *Ochnacets* adscriptum. — *CJ.* Hook. Lund, jouru. of hot. V. 595.

Ordo XVIII. DROSERACEAE *DC.*

(DC. Prodi. I. .117. — Wlpis. Uqi<it. bot. s>st. I. 227. II. 7fi8. V. bl.)

5033. DHOSKUA *Linn.*

(DC. Piodr. I. 317. — Wlprs. Repert. I. 227. V. 01.)

1. M)H. IJUiniANM Vdhl. — DC. 1. c. 318. uo. 12. — Wght. Icon. p|. t. 944. — Wglil. SpicileR. Ncilgh^rr. 1. 12. t. 12.
2. Dlt SPECIOS* Prsl. Hot. Hmjk,'ii. p. 14. — A *Dr. cutiflora* Fckl et Z« %h diflert lloi ilms nunonbub, p^dicellis biacteatih, pedunculis du liotomib, folus multo nunoribus «t HiigiNtionhuN, caulims dltantibus, Infimis aggregatib, ladice anuua. Q — CrtM it in Piemontouo bonae f>pti.

5037. mO\AEA *Ell.*

(DC. Prodr. /. 3iO — VVlpr*. Kepeit. I. 230)

- 1 *D. MUSCIPULA *Linn.* — Wlpis. 1. c. no 3. — Van Houtte, Hor. d. Cwchfchsi III. t. 2B0.

0039. PA11NA&61A *Touinef.*

(J)t. Piodr. I. 320. — Wlprs. Jtepert. I. 230. II. 768)

1. *P. WIGHTIANA *Wall.* — Wlprs 1. c. I. 230. no. 1. — Wght. Icon, plant, tab. 94d et SpicJeg. Pieilgherr. I. 12. t. 13.

- 1 P. *OBTUSIFLORA* Ruprecht, Beitr zur Pflanzenkde Russl II 23 t 3 — *traleb P palustr** humilioris (3 — 4 poll) ped scapus nudus aut basi ima tan turn folio vestitus, septula majora, corollam fere aequaaliam obtusissima etiam ipsa lux tunc fere latius apice rotundata obtusissima, interdum tamen nuda cassis subquinqnervi i Quo id defertum folium caulini tamen cum *P. hot*ebuet*, sed in habitu plantae florentis altior et robustior necpaulo tunc ptilibus vilde obtusis his latioribus, folia ob ovatis quibusdam nervis nonnullis pinnatinerviis et setis squamirum ut in *P. palustris* Multo magis affinis est *P. groenlandicae* (*P. Koliebuetae* H. Dan. C. 228b), sed folia is plerumque duplo majonibus, petalis latioribus et obtusioribus nec non nec validioribus, apice anastomosin perficitur tibus reredit — Crescit in Samoedorum in subalpinis montibus

Ordo XIX. POLYCHALAEAE *Juss*

(DC Prodr I 321 — Wlprs Reprtr but *synt* I 231 1J 7(8 V (3)

5646. *SILVIA* *Low*

(DC. Prodr I 33J — Wlprs Reprtr I 231)

- 1 *S. APHYLLA* Tulasne, Ann. so natur (3 Ser) VII. 349 adu — Parasitica dum bus pentandris — Herba splthamaea, purpurea imosa, pallide brunnea praedita squamis laurcolato ovatis pallidis, loco folioium Spica bractetae densiflorae Flores minutis pallide brunnet Capsula renata subglobosa iluminata dicotyledonae — Crescit prope linissenm

5647. *POLYCHALYX* *Linn*

(DC Piodi I 321 — Wlprs Reprtr I 231.11 768 V ft)

- 1, *P. (Psychotria) ECKLONIA* Presl Hot limrkngtt p 15 — Folia basi cordatus (quibus in *P. pint folia*) petiolatis, petiolo rarisque tomentosis — *La Promontorio bonae spei*
2. *P. LASIOPODA* Presl 1 c — *A. P. bracteolata* differt alis rotundato obtusis obovato orbiculatis, bracteis deciduis, foliis cauleque tomentello velutinis — *Crescit in Promontorio bonae spei*
- **J. P. TITICACA* Prj 1 c — *A. P. Garcim* differt folis brevioribus latioribusque glandulosis mucronatis cartilagineis marcescentibus, nervo dorsali caimatis, caule tunc sub alato — *Crescit in Promontorio bonae spei*
- 4 *P. HORTIESTOJA* Prj 1 c — *A. P. Garcim* recedit foliis lanceolatis brevioribus latioribus, alis rotundato obtusis — *Crescit in Promontorio bonae spei*
- 5 *P. DRYGANA* Presl 1 t 14 - Differt *A. P. tetrayona* folis basi ovato rotundatis mucronatis ovatis inferioribus ovato rhomboidibus — *Crescit in Promontorio bonae spei*
- G *P. HISPIDULA* Prj 1 c — Fruticulosa caule ramisque tetragonis folisque mucronatis scabris, folis alternis oppositisque ternatisque breviter petiolatis cordatis linearibus mucronatis, subtus revolutis pedunculis laterilibus oppositifoliis (pollicinibus) paucifloris nudis stipulis ovatis lanceolatis mucronatis atutiusculis, ilis apice rotundato obtusis — *Habitat in subalpinis montibus, ramis violaceis fequius distans — Crescit in Promontorio bonae spei*
- 7 *P. CALYCINA* Presl 1 cit — Foliis alternis sessilibus carnosulis linearibus acutiusculis terminalibus maimatis, subtus convexis, racemo terminali multifloro, foliis majoribus flavis cum rubore terminalibus, pediculis simplicibus, bracteis bracteolisque scanosis oblongis obtusis inermis (plus quam sesquialteribus), sepalis inter connatis maximis ovato subrotundis subapice cartilagineo mucronatis — *Habitus et affinitas ac sicut *P. bracteolatae*, sed distincta — Crescit in Promontorio bonae spei*

- 8 *P. LONGIFOLIA* Presl 1 cit — Caulitercti, foliis alternis subpetiolatis oblongo linearibus cartilagineo mucronulatis plants, subtus nervo medio elevato instructis, basin versus in^ustatis, floribus ncomosis, pedicellis brae teas duplo superantibus, sepalis obtusis < ilntis, alis rotundato obtusis palhde violaceis. ^ — Flores mediocres. — Arfius *P. sptewsae*. — Gresut....
9. I» [*Polygalon*] GUNDELSHEIMERI C. Koch, Linnaea XIX. 59. — Multicaulis debilis pubtiula folia ovaha seu oblong* acuti, brevissime petiolata, ex margmc sola pubciult, bi itteae ties, I iter lies mmorch, media contra pedunculum paene attingens, onuits < adutae, scpala linean lanceolata, ak« lato oblonge tntam multiffidam paene aequites, ex basi ladiato plunnerves, nervus muluK bolus pauciramnsus et nervi muguiuVs uulli, pctala lateialia cum medio cristigro ad medium connata, ex parte minoi suptiion hoiuontaliter curvita, staminum octo fasciculi duo ex parte minima lihen, geimen obovatum marginatum sessile 2J.— Crtsut in Asia mi nor I M ptentionah
- 10 I* SCVUlt V Fd^wrth Tiansict. of the Linn. soc. XX 33.— Ramis strictis pau u foil it is folnsqm scabns, talycis alis oblique ovatis trintivihus, capsula sessill glibia 2J. — Suffrutex, ramis virgttis, pctiohs decuuentilius subangulatib sea bris Folia distantii, bru iter petiol iti lineana, utnnque acuti mucronata. Racena h iminales, pedircelli rtmoti, biacteis 3 scanosis acutis longiores, calyce breviores. feepala J extenora o>ata uninervia beariosa, Intenoribus duplo breviora. Alae ohll quae ovatie tuncives Corolla alis inclusa rosea, pctili laterali i ungup uno latere minute ciliata, limbo dilatato trumato, tarina gah ita cnsta fimbnat i (apsula gla bra sessilis, obliqut obov ita, emirginila dlata. — Affinis *P. roseae*, differt alis mi no nbub et capsula b«ssili, a /*. *olivyophylla* et *leplalea* Wall, [eidemne bpeties^] dif feit indoiescenti L 11x1011% alis lationbub et ciule minus alato, ab omnibus hujus bectionib scabntie foliorum. — Crescit frequens in rupibus apricis Ilimalayae.
11. *P. [lonutua]* OHOVATA Hook. fil. in Tiansact. of the Linn. soc. XX. 233. — Gla bernma ciul< baffi ligno&o erecto ramoso, folus sparsis vel rarius confertis oblongis klinein ohlongisve obtusis vel subacutis coiiaceis eneiuiis gros&e pellucido punctatis bubglaucescenlibiis, lacemis bievibus ovatis laxis, alis elliptico oblongis bubacutis, tapsulam atqumtibub. I) — Crescit in Ghathun Island.
- 12 *P. OAL VFAGLIA* Hook fil. in Transact, of the Linn. sc. XX. 233. — Glabernma caule t,iacillimo erecto paice ramoso, ramis virgatis, folus sparsis conaceis linearl bus, utrmque attenuatis acumiiiatis, racemis spicaeformibus valde elongatis, alis ovato oblongis obtusis, capsulam aequantibus. © — Crescit III Charles et Albemarle insulis.
13. *P. DIVERSIFOLIA* Miquel, Linnaea XIX. 128. f — Annu glabra. caule simplici vel paucamoso tcnui teretiusculo, folus infenoribus terms vel oppositis petiolatis obovato vel lanceolato sq itbul.itis, rehquib alternis sparsib dibsitis anguste linearibus submucionato acutis glabns glaudulosib, racemis longe pedunculatis densidoris ob longis, pedicellis floie brevionbus, sepalis ellipticis acutis. © — Ex affintate *P. bicolorn* H B Kth 11 *P. Berteroanae* DC. — Crescit in Surinam.
14. *P. STRICTA* Ga>, I loia Chilena I. 236. f — Subherbacea stricta glabernma glauca. caulibus pluribus confertis erectis, folus linearibus paucis, racemis elongatis 10 — 14 flons roseis, capsula crassa submarginata, semimbus nigris pilosis. 2j. — Crescit III Chili prov. Santiago.
15. *P. SALASIANA* Gay 1. cit 237 f — Herbacea caulibus plunmis humifusls gl 1 bris, folus obtuso cuneatis, basi attenuatis carnosulis glaberrimis, racemis paucillo ris, corollae canna enstata, capsula elliptica, apice v\ emargmata. 2\ — Crescit III Chili Cordillens Talcaregue.
16. *P. SOLIERH* Gay 1 cit 238 f — Herbacea ramis plunmis humifusis glabns, folus ovatib ciassiusculis glibernmis, racemis pauciflons, corollae canna enstata, capsul * elliptica, apice vix emargmata. 2J. — Crescit in Chili provincia Copiapo.
17. *P. (Senega)* PLATYCARPA Bnth. Plant. Hartweg. p. 113. no. 032 — Caulibus ascendentibus pubescentibus, folus sessilibus ovatis acumiiiatis, basi cuneatis membra

in tee Is parce hirtellis, spicis multifloris, scapulis evertlonbus Unearlbut>, 2 anticls an proximatls, postuo cannato, iutertoribus obovato oblongfo ^labiis, petalts postiois carina nuda glabia brevionbus, capsula latt» orbiculati emai^uuta pubest ente 2l. — Caules 1 — 1% pedales, subsmpliccs. Folia quam In /' *rtomaefolia* sessiliort, la tiora, raemi breviores, sepala extenora minora angustioia, intenoia n^ustioi petala postica breviora, ririna obtusior, evidentius lobata, et cipsuli undiqc pul SLCIIS Caetera cum *P. ncinaefolia* conveniunt. — Cresut prope Guayaquil

‡ SPECIES INDESCRIPTAE

V MEYERIANA Prsl. [Bot, Beraerkun 6 « n P- 14.

P. SCHIMPEKI Prsl. |

it Icons aildendac.

P. ARILLATA Hani.lt. — Wght. Icon. pi. Ind. or t 046. et Splcileg Neilghen 1 13 t 14.

5652. **MONNINA** Hz. et Pav.

(DC. Prodr. I. 138 — Wlprs. llepert. I. 243 II. 709.)

1. *M. LEPTOSTACIYA* Until. Plant. Hirtw. p. 125. no. 713 — \nnua caul, puh stenti, folus Infimis obovdtis, medi& ellipttcis, superioribus ovito lanceolatis oblon^isv*, oni mbus obtusis baj>i angustatis sparse pnberuhs, racemis elon^atis gratilibus, In ictus parvis lanceolato acamuiatis, fiuctibushirsutib. © — Caules ciccti, lamosi, p« duin uli?» nfglectis 6 — a pollicares. Jolia foima valde vauabilia 1 — 1% pollicaria, saepe nutrgine sinuata. Racemi longc peduncul iti, cum pedunculo («—9 pollicares. Hoies nia^nitudine eorum *M. lineartfoliae*, primum appioximati demum renioti. Bractcae •ncmbranaceae pedictllo brevis&imu duplo longiureb llacc le parvae. A doscriptione *M Zierbaceae* DC diflert pubescentia — Ciescit in Columbia m arvis prope Loxam.
2. *M LOVENSIS* Biith 1 c. no. 714. — Fruticosa ramullspubescentibus, folus oblongo elliptici&obtubis,ba&i cuneatis, utnnque hirtellis, spiclsbrtvthussolitanis }»ubternisqu<, f biat tcis minutis, ovano fructuque juniore hirtis, niaturo glabrato /) — Xfdins *M obliisifohae* et *IU. revolutae*. Frutex J— 4 pedalis. Kamuli bit\ s sol uipili<i, juniores pube densa subincani, demum lufescintes. folia 1 — 1% polluani, sicci tate ni^ncantia, mijori 6 lin. lata, marline recurva. Spicae 1% — 2 pollx ires, rliachi pubescente. Floreb feie *JU. revolutae*, Drupae 3 lin longae, juniores dense hirtae, maturie glabnores. — Cresut in Columbiae arvis prope Loxara.
3. *M. PANICUL\TA* Bnth 1 c. p. 126. no. 715 — Fruticosa ramulis minute puberulis, folus elhptico oblou^is acuminatis arutis, bast cuncatis, utnnque minute et sparse pu beruhs, racemis panuulatis, biacteis membranacei& late concavo caniiatis acutis ala bastro lon^ionbus, drupis» glabns — Affinis videtur *JU. parofflorae* Kunth et *M latt foUac* Honpl. Frutex 6 — 8 pedalis. Folia pleraque tupollicaria. Bractcae in genere maximae coloratae — Crescit in Columbiae montibus Pacha.
4. *HI* CUSPIDATE* Bnth 1 c. p 102. no. 903. — Fruticosa ram is piloso hirt.s, fohis ovatis acutissime a« uminatis, utnnque birsutls, pamcula ramosissima folia lon^e super mte. h — Irutex 8 — 10 pedalis. Ramuli crassi heibacei cam, pube brevi et pih& rigidis patentibus vestiti, petioh breves, folia tripollicana basi cuneato rotundata, superiora minora, pinicula semipedalis v. mijor, husut.i subfasti^iati, repe tlt«« raniosa, bpnac (v rimi ultinu) 1 — 1^, pollicares. Bractcae membranaceae, acummatae, uliatae, alabastro breviores, ante athesin deuduae, pedicelli lineam loii^i, cal>ces ciliati, petala glabra. — In sjlvls Guayan in dechvitate occidentali niontis Pichlncha.

5653 SECURIDACA Linn.

(DC. Piodr. I 340. — Wlps. Kepert. I. 276 V. 07.)

- 1 S LUSCHNATfllWA Prsl Bot Bemerk. p. 17. -J — Iruticosa scandens ramis, folus subtus, rhacluhus racenu fiuctibusque pubescenti velutinis, folns elhptico lanceolatis obtujjis emargmatis, supia pubescentibus, basi aentis, racemis multitloris, alis calj

- cims obovatis slab us, basi obsolete cillatis, sepalls exterlonbus ovatis acutis cilia tis, disco pubescentibus, petalis duobus supenonbus cuneiformibus, apice obtuse tiidmtatis, fiuttu rugoso scrobitulato ala obovato spathulata superato. ^— Cre stit in Biasilia ad Rio de Janeiro.
- 2 S REIICULATA Presl 1 cit J — Fruticosa scandtns ramulis dense pubescenti bus, folus ovatis obtusis unduhtis leticulato vcnosis, subtus pubescentibus, supra nitidulis, lacunis multiflons, fltpilis extenonbus ovatis obtusis ciliatis, alis calyci nis obovatis ciliohtis, pttalis duobus suptnonbus linean obovatis o mnaque ciliatis, fructu [immaturo] velutino l^ — Crtscit In Brasilia.

Genera anomaln.

5656. KR1MERIA *Loeffl*

(DC Piodr I 340. — Wlprs Repert I 247 V G7)

- 1 KJI LAIFOLI\ Monc PI nouv ouraresdAm (i3 t 43 — Joins Infrrioribus or bituhtis, intumedus subrotundo ovatis, supenonbus lato hnetolatis, omnibus mucro nato spinosis villosu pubescentibus, pedicellis axillanbus bibmteatis in racemum longum teimmalcm dispositis — Hab in Biasilia propt villa di Birra
- 2 KR CIN1<UEAS Schautr, Linnita X\ 72J I — Tota tomento denso interdum substnceo cinerea folus tenntis pctiolatis, subfloralibus vero saepius simpheibus sessilibus, fohohs pctiolum subaLquantibus cuneato obovatis obtusis mucronato api culatis flonbus axillanbus sohtirns, pedunculo flum subitquante apite bibracteato, pedicello brarteis brevior, calyce o si palo, stomimbus quatuor — Crescit in Mexico ad Zimapan

5658. feOITLIHET *Lam*

- E POLYGALFIS ul SHIVRUBACEVS rchta est, cf Planthon m Hook Lond. journ ofbot V 57i

5659. TRIGONIA *Aubl*

(DC Prodr I 571 — Wlprs Repert I 248)

- 1 T RUGOS V Bntb Bot of the Voy of Sulphur p 4. — Folus petiolatis, ovato ob longis sublanceol itisve acummatis, basi rotundatis subrugosis, supra felabns, subtus nivto torr* ntosis, flonbus secus ramos paucos paniculae congestis, ctpsulis ovatis J^ — Rimuli novelli subllavido tomtntosi rami lana nivea laxa detergibili vestiti, deraum glabrati folia 3 — 5 polhcina, hullato rugosa, pctiolo 3 — 4 lm lond0, flores quam In *T villosa* multo minorts, majores tamen quam in *T crotonoide*, sepala extus nivea, stamina anthenfera 5, stenha 4 — 5, glandulae 2, obtusae, capsula latitudine vi\ duplo longlor, in specimlnibus 8 — ** bn longa, sed nondum matura. — Crescit in Columbia

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Ordo XX. TREMANDREAE *R Br.*

(DC Prodi I 373. — Wlprs Repert I 249 II 770 V b8)

5645. TREMA^DRA *R Br*

(DC Prodr I 344 — Wlprs Repert *I 249 V 70)

- *TR. VERTICILLATA Hugel, Parad VIndob fasc XIV (c ic) — Liber a me non visus — Crescit in Nova Hollandia

Ordo XXL PITTOSPOREAE R. Br

(Putterl in Wlprs Reper bot syst. I 250 II 770. V. 71)

566L. PITTOSPORUM Soland,

(Wlprs. Reper I. 230. V. 71.)

- 1 P. (?) SERRULATUM W Jack in Calcutta Journ. of the nat lust. IV. p. 195. — Frutex, rami glabri, folia alterna brevissime petiolata lanceolata acuminata serrulata glaberrima, stipulae lanceolatae acutae citissime deciduae, periumuli breves axillares solitarii 6 — 8 flori, siepe ex axillis foliorum ipsorum obovati, foliis luteo virentes fasciculati breviter pericelati, bractae parvae acutae, apice connatis, corolla 5 partita, petala receptaculo inserta ovato limbo acuta talycata parum longe, nectarium breve lobatum cingens, blumina 5 nectarum lobis inserta erecta inclusae, antherae acutae sagittatae, circa stylum connatis, ovarium superum ovatum uniloculare monospermum, stylus staminibus longior, turn ovario tomentosus, stigma simplex, capsula globosa trigona 3 valvis unilocularis, semina sex saepe abortiva rotunda angulata — Crescit in Malacca
- 2 *P. TLTIUSPFCRMUM Wght. et Am. — Wlprs. I c. I. 231. no. 7. — Wght. Icon, pi. t. 971 et Spiril Neilherr I. 57 t. 43.
3. P. GLARRATUM Lmdl Journ. of the hortic. sec. I 230 adn — Folius subverticillatis obovatis convexis arutis minutissimis, quasi vernice obdurtis interrimis, subtus glaucis, umbellam terminans sessilipauciflora, sepalis ovatis imbricatis, corolla tubulosa dracea angusta pluries brevioribus. — Crescit in China ad Hongkong.

5667. PRONAVA Ilugel.

(Wlprs Reper I 257 II 770 V. 73)

1. P. ANGUSTIFOLIA Lehm Lmnaea XIX 403 — Ramis erecto patentibus urgatis, foliis subsessilibus submedianis apiculatis, utrinque pallide virescentibus glabris nitidis, pedunculis subcorymbosis ramosis, fructu baccato sicco indehiscente cylindrico fusco vincto. — *Mananthus angustifolius* Putterl. — Nova Hollandia.

Ordo XXII FRANKENIACEAE St. Hit.

(DC. Prodr. I. 349 — Wlprs. Reper. I 239. V. 74.)

5053. FRANKIMA Linn.

(DC. Prodr. I 349 — Wlprs Reper I 259 V.74)

1. K AUCHERI Jaub. et Spach, Illustr. pi. orient. II. t. 187. — Suffrutex erecta subpedalis ramosissima. Caudices vetuli breves glabri lignosi apiculati subnodulosi, cortice ruguloso fuscescente. Caules novelli sparsi vel fasciculati graciles virgati substricti noduloso articulati teretes foliati, apice in cymam multifloram 2 — 4 radiata ramis dichotomis subfastigiatis soluti, ad axillas superiores ramulos floriferos breves (internodus plerumque vix aequilongus) minusve dichotomos agentes, axillis inferioribus ramululis sterilibus dense foeculentis ut plerumque simplicibus inter nodos brevioribus instructi. Caulis (simulacram ramuli et ramululi) undique et praesertim ad nodos setulis retrois vel patentibus crebris albidis siccitate crispis hispido-

lus teres vel obsolete tetragonus subvirescens Folia subcarnosi glaucescentia, In petiolum brevem an^u&tata uninervia (nervo &ubtus prominente, supra vlx aut ne vix quult m conspicuo) a^enl i Integernma, magis minusve revoluta (saltern m irgme), supra betulis p ircissimis lire* ibus conspersa, subtus pube subpulverulenta brevissima cane scentia, caulma (Infima in specimibus jam dclipsi) mternodiis breviora (3__4 lineas longa), 1% — 2 hn lata oblonga vel lanceolato oblong, nUnc obtusissima, nunc acummulata, basi cuneata, infcnora plerumque opposita, supenora quattrno vertuillata Folia rameaha et ramillulana minora, infenora opposita, caulims conformia supenora et floralia terno vel quaterno verticillata, pleraque minuta lanceolato lincanaacutius eula Petioli ciliati, late mar^inati, basibus dilatatis in vagmulam concretl. Floret bessiles, alii alarcs, pleiumque sohtani, alii In cymulas terminales centrifugas glome ruliformcs congestl, singuh folhs (si mavis bracteis) 3 vel 4 stipatl. — Crescit in Persiae desertis

2. F. AKINOSA Rem>, Ann. sc. nat (3. ser.) VIII. 236 * — Dense ramosa caulibus frutescentibus folisque oppositis, illis subfasciculatis lineanbus obtusis revolutis, m petiolulum semiamplicicaulem attenuatis pulverulento fannosis, calyds lacmlis lineanbus ferru^ineis — Crescit circa Cobija in dejectu montium alt. circiter 1000 metr, in sol i Iijuna herbascente.
3. F. TUHNDRA Uemy, 1 c 237. f — Pulvinati caulibus ramosissimis ridiantibus e radice Tiuticulosa cauillciforml, foliis cruciatim oppositis, louge connato vadinatis crtssiusculis glabns, flonbu* solitanls, calyc< tubuloso quinquedentato, stamimbus tnbus — Crescit In planietiebus salsis biclsquo in piov. Carangas ad Pampas de Puna.
4. F. EIIFCTA Gay, Floia Chilena I 240. + — Basl suffruticosa erecta glabra pulverulenta folns obtuse ovatis, bn viter petiolatis, basl ciliatis, supenonbus junionbusque margine revolutis, infmonbus subphnls, flonbus solitarus, stylo roseo, stigmatetnfido, loins i/n styh longitudine, apice crassis. — Crescit In reipublicae Chilensis provinciis septntionalibus.
0. F HFUTEROANA Cay 1. cit. 247. * — Erecta glabernma ramulis oppositis, folhs sessilibuslmcnbus ovatis, crassiusculis, parum mirgine revolutis, basi ranssime ciliatis, petahs lineanbus lanceolatis, stigmatt tnfido, lobis fihformibus % styli longitudine. — Crescit in reipublicae Clulensis provmciis centralibus.
6. T. MICHANTHA Gay 1. cit f — Suffruticosa erecta glabnuscula ramosa folub sesihbus lineanbus acuminatis subcanaliculatis, basi rarssime ciliatis, flonbus narvis cymosis, stigmatetnfido, lobis filifoimibus ^ styli longitudine. ___ Crescit in Chile centrall,
7. F. NICOLETIANA Gay 1 cit. 248 f - Uamosa prostrata cinerea et ciliata folns fasciculatis crassis lineau ovatis obtusis, margine revolutis, supra glabns, infra pilosis, basi ciliatis, calycibus pilosis, stigmatetnlobulato, lobis filiformibus' % Un Ion gls. — Crescit in reipublicae Clnlensis provincus septentnonahbus.

5053/!. HYPFIRICOPSIS Boiss.

(Dolssler, Diagn. plant orient nov. VI. p 25.)

Calyx tubo ovato-cylindrico sulcato sexangulari, inter angulos meinbranceo, limbo brevissimo patulo 5—6-dentato, dentibus triangularibus. Petala 6—7 lineari lanceolata, limbus obtusus calyce longior patulus in unguem sensim attenuatus, ungues inter se conniventes liberi. Stamina 20—24 hypogyna, filamentis basi dilatatis, usque ad medium inter se in tubum irregulariter fissum subcoalitis aut potius coniiiventibus, ima basi et parte dimidia superiore liberis filiformibus. Antherae biloculares extrorsae medio affixae, usque ad medium bipartitae. Ovarium sessile uniloculare. Styli fere totd longitudine in unum filiformem coaliti, apice tantum liberi. Stigmata minute capitata. Capsula ovata tetragons unilocularis quadrivalvis (an semper?) polysperma valvulis parte inferiore medio placentiferis. — Herba Persica perennis

habitu *HypericU* iloribus roseis, foliis quaternatis, axillis ramigeris, inflorescentia dichotome cymosa. — Genus *nhiankuuia* numero partium calycis corollaeque aucto[^] staminibus multiplicatis, filamentis inferne inter se subcoalitis distinctissimum.

1. **II. PERSIC*** Boiss. Diagn. pi mt. onent. nov. VI. p. 26. — Jaub et Spach, Illustr. pi. orient. II. t. 188 — Radix perennis edens caules plunmos basl adscendentes erectos pedales sesquipedalesve teretes duos, penna ansenna tenuiorefc, supeme hir eutos ad verticillos foliorum incre&satos. Folia quaternatim disposita sessilia ovata obtusa margine suhrevoluta pruinoso-tomentella margine et facie superiore praetera pilis longionbus diaplms .ispera, cirtiter 3 hneas longa, 2% lata, floraha basi truncato subretusa, aillaria piarcipue In cauhbus stenlibus valde revoluta angustata lineana brevia. Verticilh folioium remotiustuli lamulos 2 oppositos breves in parte infcnoie caulium stciiles, in superiore flonftros edentes. Caulis superne dichotome cymoso coryiubosus, cymis primum confertis, dem clongatis. Flores in dichotomus seb&ilefc fohii lunik ei subsequenter briteati, mignitudine eorum *Hypcncet pulchn*. Numcrus partium verticillorum florallum variabilis. Calyx breviter cylmdricus circ. 3 lin longus tubo subcoriat eo 6 angulato, 0 sulcato hirsutissimo, dentibus brtwbus patuhb tnaugul inbus acutiusculis an[^]uste albo margmatls. Petala rosea tenerrima lincolata obtusa, talyce sesquilogiora, limbus patulus basi sensim in unguem attenuatus Stimina brevitr exserta, fiiamenta parte media mferiore dilatata, inter se in tubum irregulariterfissum potius < oniiiveitia quam vere coalita (de hoc omne dubium solvere e iloribus siccu> paucissimis difficile fuit) ima basi et parte supeiore libera. Styli 5 stamina aequantes fiummo apite tantum liberi Capsula immitura calyce inclusa eo multo minor brevioique. Planta statin a, floribus magnls, habitu *Hypericum tomentosum* mire referens. — *Frankenia Peisica* *Voiss*, — Crescit In Persia australi ad lacum balsum Nemek Derja prope Sclura/;

Ordo XXII CARTOPHTLLEAE *Fenzl*.

(Wlprs. Repert. bot. byst. I. 200. II. 770. V. 74. — *Caryophylleae* DC. Prodr. I. 315. et *Amaranthacearum* sect. III. Juss. — DC. Prodr. III. 3b5)

Subordo I. *PAMOJVYCHIEJUE* St. Hil.

Tribus I. *ILLECEBREAE* R. Br,

Subtnbus II. *EUPARONVCMEAE* Fenzl.

5198. *HERNIARIA* Fenzl.

(DC. Prodr. III. 367. [excl. S 2J — Wlprs Repert. I. 260. V 74 }

A. *Pentameræ*.

a) *Stylis 2 o basi libens*.

1. H. BOISSIFRI J. Gay in Duthartre, Revue botanique II. 370. — Percnms microphjlla nucrantha microsptirma pentandra caudice persistente, tenui brevique, cauhbus circumcirca pubescentibus, folus adpresse pilosis facie dorsoque, floribus ellip&oideib, basi artitulata deciduis, glomerulis temiinalibus, calyce adpresse piloso, lacinus baud apiculatis, antheris mediocnbus ellipticis, utriculo calycem subaequante papilloso bcabro, btylis brevibus libens filiformibus, patulis coronato. — *Hermann alpma* Boiss. — Crescit in Boeticae summis montibus Sierra nevada.

b) *Stylo bidentato vtl bifido*.

2. H. CACHEMIRIANA J. Gay 1. c. 370. — Perennis pentandra macrosperma caudice brevl lignoso, caulibus laxè vel remote foliatis, circumcirca pubescentibus, pube

omnium internodiorum patentissima foliis ciliatis, dorso hispidis, facie glabris, glomerulis plumis lateralibus, flonibus ellipsoideis basi articulatis vel inarticulatis calvct villosissimo lacintis non apiculatis, anthesis mediocribus flavis ellipticis, utnuculo feranulato calycem subai qu uite in stylum buh ntato bifidum orthocladum desmente — Crescit in Cathmmat collibus apncis circa metropolin Cachennr et cuca Islam ibad.

- 3 II OLYMPICA J Gay 1 c 370 — Humilis perennis pentandra macranthera caudice brevi tenuique, caulibus dense foliatis mferrie glabris superne puberulis, pube laxa, internodiorum ultimorum erecta subjectorum patt nte, fulus ciliatis utnnque ghbus vtl dorso hispidis, glomtruhs plumis lateralibus confrrtis, flonibus fusiformibus, basi articulatis, aiitluns flavis ellipticis utntulo granulato, calycem subaequante in btvlum bidntato bifidum orthocladumque desmente — Crescit in Bithymae summo monte Oljmpo.

B. Tetramerae.

4. H. POLYGAMY J Gay 1 c 371 — Annuua flonibus polygamo dioecis hermaphroditis tetraudns, callus tubo pilis uncmatis elon,atis luspido, latinus aequalibus connl ventibus, herbaceis brevissime apitulatis, dorso glibus vel sparse pilosis, utnuculo calycem aequitate vel supitante, foennae stylo bifido ram is filiformibus patentissimis, hermaphioditae brtvissime mtiso, lobis trettis, passim vix distmctis — *Hernaria fruticosa* Talk, *H. odorata* Andiz — Crescit in Ilossia australi Sibiruque occidentali et confini Soongana Cbmncsi, ad htoru fluminurn lacuumque arenosa.
- 5 H. HEMISTLMON J Gay 1 c — Ptrennia caulj>us ramosissimis, a ba&i herbaceis, laxe foliatis, folus Inrsutii, basi pttiolifonni calloso incrassatu, flonibus felomerato spicatis hermapluoditis tetramens diandris micranthens, tal^cis tubo pihh elon,atis omnibu&que uncinatis bispido lacinus valde inaequalibus, exterioribus diVLrgentibus, foliateis non formcatis, interioribus multo brevionbu& an,u&tionibusqut, stricte erectis, utnuculo litmus caljcina& interiores subaequante, apite inte_ernmo, styhs a basi h vbcns griulibus elongatis, demum patentissinus — *H. fruticosa* Delil. *H. (anonymaj* Schimpt — Crescit in Aef,ypto mftnore Aiabique ad sinum usque Persicum
6. H. FONTANKSH J Giy 1 c. 371 — Ptrtnms caulibus ima basi lignosa herbaceis pycnopbjlhs in ramulos brevissimos densifolios substenles divisus, folus puberulo hutis t,labrisvt, saepe apiculatis, basi petioliformi calloso incrassata, flonibus In summo caule tongestis vel glomerulato intrrupte spicatis hermaphioditis, tetiandns maci intbens, calycis tubo pilis lon,iusculis rectls plensque paucionibus intermixtis him it is hispido lacinns macqualibus, extenonbus divtrgentibus foliaceis mfa mi dium furiutatis intciioribus paulo brtvioribus angustionibusqut, stritte eiectis, utri culo latmus tal^tims interioribus brevioribus ipite Intiso, stylis a basi libens lonBius culis trasse filiformibus, demum pattntissimis — *Hermann frulicosa* Desf — Ciescit in Afntae boieahs octidentalis insularumqut Canaritusium aridis apncis.

5201 P J L \ T A C A E \ A Baitl

(Wlprs Repert I 261. — *Paronychia* sett *Acantlionychia* DC Prodr. HI 372)

- 1 P CONGEST* Bnth Plant Ilaitw p. 186 no. 1023 — Perennis, breuter catspi toso laniosissnna folus patentibus pun,ntibus, stipulas lauceolatas austatas subm tegeirimas puillo v dimidio superuitibus bracteis apite bifidis sum aristato, sepalis omnibus anstito pun,entibus parum inatquahbus intus ad marBintm superne lun,c membranaceo iimbnatis ZI — A descnptiont *P. polycnemoidis* diflirt folus 1% v viv 2 lin. nee 4 hn longis, dense conDestis ntt internodio 1% — 2 lin lon,&o separatis affinis ttiun videtui *P. ramoitoswtae*, std difleit folus multo n_0idionbus pun,entibus Caules vix 2 poll longi Stipulae oblique lanceolatae marine subdentitulatae Ilores sessiles, congesti, glomtrulis sub 3 lions Uiattrae latinus calycims bievio les contavae, apite sublattrae et plus minus bifidae (quasi ex stipuhs 2 toalitis formatae), ansta in sinu lobos saepius superante Calycis lacimae quales in icone Can dolleanae *P. ramosissimae* delineatae, sed minus inaequales et margme interiore non

nubescens, sed membrana hyalina marginatae, apice longe fimbriata lacera, basi angustata. Stamina saepius 3 vidi, disco membranaceo callosum tubum vestienti inserta. Petala in florum pluribus nondum elaboratis frustra quaesivi. — In aëre juxta pagum in Madagascariensi prope Quito

5202. PAROXYCHIA Tim.

(DC. Prodr. III. 370. — WJprs Repert. I. 161.)

1. ILLECEBROIDES Webb in Hook. Niger Exposit. p. 106. t. 7. — Hook. Icon. bot. plant. IV. tab. 750. — Caule prostrato lamosissimo, ramis filiformibus pubescentibus, stipulis foliorum lanceolatis vel lineari-bus acutis puberulis dimidio brevioribus, hirsutis (loco brevioribus, callosis brevissime mucronatis, mucronis recto vel inlexo. — *Henuana illecebroules* Lh. Smith. — Crescit in insula Cipro Vi rdi

Tribus II. PTERAJSTHEAE R. Br.

5206/. DICHERANTHUS B. Webb.

(B. Webb in Ann. sc. natur. [3. Ser.] V. 28.)

Flores ternati, pediculo communi filiformi insidentes, medius perfectus, laterales abortivi masculi, appendicibus brevibus deformatis et bractearum axillis prodeuntibus stipati. Calyx 5-partitus, floris perfecti laciniis oblongis concavis, apice dorso retrorsum mucronatis, florum sterilium lanceolatis, dorso appendiculo orbiculari mucronatis auctis. Corolla nulla. Stamina cupulae ovarii basin cingenti inserta, floris perfecti 2 (rarius 3), calycis laciniis 2 interioribus oppositis filamentis filiformibus, antheris bilocularibus versatilibus, lima longitudinali dehiscentibus. Ovarium liberum sessile, floris perfecti trigono-ovatum uniloculare uniovulatum glaberrimum, ovulo e loculo fundo erecto, funiculo sub medio affixo, raphe crassa, exostomio infero; florum sterilium minimum triloculare-obconicum astylum Stylus floris perfecti unicus, bifidus, apice bifidus, laciniis intus papilloso-stigmatosis. Utriculus cylindraceus hyalinus, calyce persistente tectus. Semen erectum elongato-obpyriforme, hilo submedio, basi mitiopyla notatum, integumento unico indutum. Perispermium ventrale, circa hilum copiosum farinosum, ab apice ad basin cotyledonum protensum. Embryo leviter incurvus, radícula infera, cotyledonibus perispermio incumbentibus. — Frutex Canariensis: ramis pendulis, foliis oppositis teretibus, filiformibus erassis, ima basi scarioso-dilatatis atque amplexicaulibus exsertulatis, cymis ad apicem ramorum paniculatis nutantibus, floribus et viridi albentibus, bracteis hyalinis oppositis.

- >. D. PLOCAMOIDES B. Webb 1. c. 24. f. tab. 2. — Ramis pendulis, foliis filiformibus glaberrimis. — Crescit in insula Gomera Archipelagi Canariensis,

Tribus V. POLYCARPEAE DC.

Subtribus II. SPERGULEAE Bartl.

5211. POLYCARPON Loefl.

(DC. Prodr. III. 376. — WJprs. Repert. I. 263.)

1. FLORIBUNDUM Willkomm, Roten. Zeit. V. 430. — Tridium? multicaule: caulibus tymoso ramosissimus, foliis quaternis obovato lanceolatis, membranaceis, florum numerosissimis totani planis tam oblitterantibus pedicellitis, pedicellis calycem aequantibus, petalis subintegerrimis, seminibus subarcuatis, sub lente granulatis pallidis. — Planum palmans, mede a basi in ramos prostratos divisa. Rami superne ramosissimi, florum densissime cymosis tecti. Stipulae bracteaque ovato acuminatae scariosae. Sepala naviculana cinnata late membranacea. Petala calyce breviora. Sta-

- mlna Ignota In flpccimlnlbus defloratls. — Crescit in arenosis humidis Alontlum M u
 norum Sierrae Morenae in Jlihpania.
- 2 P. SIM CULhINrOI). *Uiy* in Duchartre, Revue bot. II. 572. — Annum pentandrum
 la< inns cal^cims mutitiH, intrriorihus longioribus, pttahs (lacteis) ohlon^o obov.dis,
 calyus longitudinc, stylo elongato, aplice tridentit», hi nihihius laeviSMmis — *AUme
 succnlenta* Delile, H. Alg 211. t.'24. fig J. — *Arenarta succulentu* Set. in DC. Prodr
 I. 400. — Crescit in arenonIH Inter Soue>< et ktlNrim in Aeg>pto.
3. P. UIVONAh J. <*> I. f. — Peri^Nfn p> ntnidiiini licimih ciljtinis cuspidate, *intt
 rionhuN* longiorilius, petalih (pnlliile IOSHS) lofi^itudme raljuis ohlun^o tlliptH is
 Atylo ••longito, apii« tml'iitatit, s< minibus tubi n ul itih. — *Hayea pulycarpoulis* P*,v
 Stirp rar. Sit II. no A. — *Polycarpon peploule** llertol. fl. Ital I 837. — *P. ulwu
 folium* II. Webb, IMiyto^r. t anar. II. 155. (nun \V) — Crescit in Sicillao mcmtohis
 In Algeria circa Cuntbautiam (et in Lanarim insults /)•

521 \), PVC'NOPIIVLLrW *Rcmj.*

(Remy, *Annales des silences naturelles* (3. Str.) VI pag. 355.

**Calyx iniVrus pcntdplyllu^, acstivacione qiiinciinciali, persistens, sc
 pal is ovaliljus naiticis late inembranaceo-marginatia integris. Corolla
 dialypetala (vel nullaV); petalu (juinquc, scpalib a Item a oblun^o linea
 ria integerrima avenia Annulliis hypocynus iadivisus parvus. Stamina
 cjuinquc, sepalis oppohita, aunulo iuserta lihera, basi dilatata Ovdriiui
 hberum sessile tuibinatum unilouilare trivahe, flUperne bubtrilobatum,
 3 — 4-ovulatum, placenta centralib libera, ovula campylotropa, hniculu
 proprio placentae afdxa. Stylus uniuis apice biibtrifidus. Capbilla
 trivalvis turbinata indcliiscnflV Semiiu ignota. — Folia dense imbri-
 cata, unde nomen genericum.**

- V, V AIOLLE Iluii> I e f t '20 fig 2—S. — Caulibus teretibus ramosissimis multibus,
 ranns apice submcassatis, folns orlutulan obovahbus concavts opposite coimatis, in
 spiras 3—4 digestis, mivo ninlio Kpitliuhto, marline late mcmbranateis, pelahs
 quinque, st^lobrt^i, apitu subtrifido. — Radix ignota. Cauli s spitli imam ad sum-
 mum lougi humirubi ramosibtiimi pjcnoptylli teretes glaberrimi flilifurmes dun. Rami
 tenues apiLe bubintr issiti, #dens«' ut caulcs foliati molleb, mterdum radiculab genntes,
 amociH' fulvi. J olia opposita connata, in &piras 3—4 tonge&ta minuta membranateo
 diaplaha integernma oibiculan obovalia obtuMdsima mutica, ner>o spathulato superne
 evarndo notata. iStipulae plain* nullae. Mores in ramoium apice solitarn ses&iles,
 foliia ultimis basi cincti. Callus membranatei stanosi lacunae ovatae obtu&ae con-
 cavae integrae glabrae, iona media trinervata. Petala calyce bieviora membranaceo-
 alba oblongn luieana integerrima obtusa. Staminum filamenta petalorum longitudinc
 linean subulata, ba&i dilatata. Antherae ellipticae. Stylus brevis apice subtrifidus.
 Ovula tna, funicuhs brevibus. — Crescit in rupibus raontium ad mvcb aeternab, loco
 dicto Lagunas de Potosi in Bolivia.
2. P TMRASIIICHUM R>ny I. cit. pag. 35G. f t. 20. fig. 1. — Caulibus ramosissimis,
 ramis gracilionbus flabcllati6, folus tetrastiche imbricatis acutis, angustionbus scario-
 sals, htylo lon^iu&culo, fitigmatibus tnbus plumosis refle^is — Radix baud visa.
 Caulks longitudine ignota (frigmcnU ut praecedentis) hunufusi caespitosi dun sub-
 llgno&i teretcN, pracedente quulcm ramobiorcs tortuosi. Rami densioreb graciliores
 que, apue luteo viridrs vix incrassati, inferlus ferruginel, (labellifoimes, subtus
 radículas gerentes. I olia ovalia acuta scanoba angustiora Integra glibra opposita
 concava, dense tetrastiche imbricata, vena ramosa notata. Flores in ramorum apice
 sohtaru sessiles, fohis ultimis basi cincti. Sepala ovalia scanosa Integra acuta con-
 caviuscula, medio tnbus nervis ramosis notata. Corolla ignota. Stamina hreviora,
 basi dilatata in cupulam subconnata. Antherae membranaceae mimniae, obseivatae
 tantum stenles. Stylus Jongior. Stigmata tna plumosa revoluta. Ovula 3—4, placenta
 ccntrali fumculo brevi affixa campylotrop i. Capsula trivalvis subtrigoua. — Crescit
 in Bolivia.

5216. POLYCARPAEA *Lam.*

(DC Prodr III. 373 — Wlpra. ReprU I. 263. V. 7G.)

- I P. MARGINAIA Prsl. Do tan. liemerck. pig 141. — Annu villosa ramosis&inia. ram is drcumbeiiitub, foliis verticilhtis quatenus usque *senis* i n.ieuq. il i bus pctiolatis ob longo liiHcolitih acutis ulutis, bisi an^ustafis, dcnium calvescentibus, stipulib subulatis angusUto nruffissunij. ciliatis, petiolum aequanlibus, floiibus termualibus corymbobM» sub*essililius_f sepalis maequalibus obtusit* disco linvin vindibus, marguie sea nosis cilialis Q — Cn sutad a^rorum martini s prope Miulnune.
- ! I*. VlbMIINA Prsl. I. t. — Annu? dtflusa ruins foltisqub pubescentibuBj follis obp><>shis qu.t< rniMre verticillatiM sesstlihus ovato lanccolatlti obtuslfi mucronatis plant* (arnosuUs men us, btipulis ovatis atutis serruhtis soanosis, folio duplo brevio-ubus, n*trvo dorsili rvcurrenre mucronatis, corymbis terminalibus paiiLillons, sepalis late btarioso m tr,itiatid obbolfte &errulati(i mutronatis, dist o ovali vindi pubeccen tibua. Q — Crt&nt in deserto prope kankam Acgypti inferioiis.

5218. M»*:ilGIXAHIA *Persoon.*

(I n/1. Mono^r. inedit.)

- I "SP. (*Lepigomm*) SALSUGINEV Y. K. Mey. - (5. *luospermum* Hnge. Linnaea XVIII. H5. — StninnUus minorihus lievibus. — In deserto Uralensi.
- I Sl». (*Lrptonum*) IIRLVII OLIA n irtl. in Lcbm Plant. Preiss I 213. f — Glanduloso pubestMis Liulibus (tlmplicibus, iitcniodiis conipW v>is, folti& internodio brcvionbus lincari iiliforimlius, supri pluuustulls; t^ina pauciflora aequah, pedicellis cal^te ses quilon^ioribus, sepalis corollam aequantibus, capsula tnvalvi subduplo brevionbus, b«nunibu& immnrginatis granulato aspens. — Cre&cit in Novae Hollandiae districtu Victoria.
3. SI* (*Upujonum*) ANCEPS Rartl. I < l\ \ — Caalxbus adscendentibus glabns, interiiodns supenonbus tompredso am ipitihus, folus hneaii filifornubus mucronatis, utrmqut' plunustulih, iym,t subr tcniosa multitloia g\ mdiiloso pubt&tente, pedicellis calycf pluncH longionbus gracilibus, petalis (rubns) cal^cem aequantibus, tapsultf tnvalvi calyce vlx iongiore, seminibus Immarginatis. — Cre&cit m Novae Hollandiae distrittu IVrth.
4. SV. (*Lepiyonum*) LAXII LOItA Bartl. 1 c.f - Caulibus .idsiendentibus subpubescentibus, interiiodns teretiusculis, folus linean dlifoimibuR submucronatis, utrinqu<> plamusculis, internodio brevionbus, flonbus infononbus avillaubus remotis, summis bubimosis, pedicellis elongatis gra< illimis, petalis (pallide rubellis) calyceni aequantibus, capsula tnvalvi calycem subsuperante, seminibus immargiuatis nunutissime ^rannlatis. — Herba prostrata, flores rosei, semina minima Luneato subtngona obscure fusca. — Crescit in insula Australasica llotenest locis arenoso-conchyhosis humidis prope lacum.

5220. DRYItIARIA *Willd.*

(DC. Prodr. I. 393. — Wlpsis. Repert. I. 265. II. 770. V. 7».)

- I. DII. LAXItLORV Kntli. Plant. Hartweg. p. 73. no. 523 — Glabernma follis late ovatis acutis ba&i non cordatis, florum c^nus laxe pamcul teformibus, ovanis multi (ultia 20) ovulatis. — Herba pcrenms, ramosissima, dilTusa, habitu Arenanae serpyllifoliae simihs nisi omnibus pirtibus mijor. Iolid lon^iusiule peliolata, 2—4 lin. lon^a, vix lon^itudine anⁿustioia, apice in murronulum desinentia, basi cuneata, rotundata, vcl fere truncata, sed minime rordata. Stipulai* petiolares plures, seta reae, petiolo sub icquilongae, interpettolares non visae. Cyinae effusae, pauciflorae. Ilracteae 1 mceolatae, margine scariosae. PedicelU 6—9 lin. inter se distantes, 2 — 3 lui. longi, filiformes, ran us pilis paucis brevissimis vise idulis onusti, fiaoplus uti tota planta (laboinnu. Sepala 2 lin. longa, lanreolati, »canoso maiginati. Petali profunde lulida, sepalis vi\ loigiiora. Stamina saepius 5. Sli^inila in stylo brevi et capsulae valvulae 3 vi'l noiiiiunquam 4. Semina circa 20, niunculata. — ~~Crescit~~ in Guatemala in rupibus j>uml.

Subordo III. *JLKiSINMJLM BaUL*

Yw\ll t tner. pi. p. 913 — ALSINEARUM mono^raphon auctore EDUARDO FEN/L
jim ptr tn & lustri frustia a botanicis exspectatur.

Tribus I. *SABULINEAE* Fenzl. mss. ex Endl. 1. c.

Subtubus I. *SAGINEAE* Fenzl. m^s. (xEndl. 1. c.)

5224 *feACINA* Linn.

(DC. Prodr. I 389.)

- 1 S PATUHA Jordan, Observ sur quelques pi de la France I 2J. -J t. 3. fi_B>\A.
1—7 — Caule en cto a basi ramoso, ram is lateralibus ascendentibus, folus linea
nbus uristitis glibns, lauus basi subciliatis, floubus 4—5 andns, pedunculis glan
iluloso pubt¢ibus inclinatis, dcloratis noil erectis, sepalis obtusis glanduloso pu
\n ht uitibus, exlenoribus duobus breviter mucronulatis capsulae sempei adpressis,
petalis abortivis truncato obovatis, vix decimam calycis partem aequantibus. 0 —
Cre&cit in Galliae provincu Uhodana prope Qumcieux.

Subtiibu&II. *EUALSINEAE* Fenzl.

5227. *ALPINE* Wahlenbig.

(Fml. Monogr. inedit)

- 1 A. ALPINA Willkomm, Botan. Ztit. 1849. coif 238. — Peicnnis basi suffrutescenf.
raulibus ctespitosis subsimphubus erectis pauciflons folnsque lineau snbulatis mu
t ron itis elibns, stipulis scjrio&is longissinus folia subaequantibus, Qoribus axillau
bus lon^c p< duntulatis, post antlu sin refiactis, pedunculis sepalisque obtusis albo
marginatis glanduloso pubi scentibus, petalis mcluis rubellis, capsula calycem ,ie
quante, &i minibus tn uigulanbus fustts nuuutissime tuberculatis. — A. *nibra ft al
ptna* Uniss Vu>. uo. 279. — Gnsct in Sierra Nevada in glareosis sthstosis re^io
IMS dijMIUC
- 2 * A. IASCICULATA Whlnbrg. — Vis. Flor. Dilmal II. t. 34.

Tribus III. *STELLARWEAE* Fenzl.

Subtubus I. *IRE \AIUEAE* Fenzl.

5234. *ARKNARIA* Lxmu

(DC. Prodr. I. 400.)

1. \ OHTUSltLORA Kn/e. floia 1846. p. 032 — Annu (seu bienms) caule scabro, <
basi ditbotome paniculato, ramis erectis, folus scabio butis, radi< ilibus spithulatis
rameis linctubus mutrorutis, pedicellis capillinibus, flore multo lon^ionbus, fiucti
fens divei^entibus, sepalis obtusis mucronulatis eueivibus, petalis oblongis obtusis,
(alycc Ion^ioubus, cipsula ovata, cal>cem pirum excedente — Crescit in Siena de
Clnva in utroque latert niontis la Casoletta cuca 3000—3J00'
2. A. IMCEMOS V Willkomm, Botan. Zeit. 1847. col. 239 — Suffrutescens cau
libus caespitosis fisti^iatis puberulis foliosis, folus couaccis ovito subulatis acu
tis, apice recurvatis subquinqueneivus, nervo albido vahdo marginatis, bracteis hn
ccoUis sepalisque ovato lanceolatis acutissimis neivoso-stnatis membranaceo mai^i
natis, floubus 3—5 brevis&ime pedunculatis distantibus racemnsis, petalis albis ca
lycem supcrantibus augustis obtusis, capsulis (immaturis) calyc<*m aequantibus, se
minibus (imm iturls) tuberculatis spadiceis. — A *wxaltlu* Hansel. Herb. — Ciescit
in montibus Ika> ticie.
3. A. QUEIUOIDES Pourr. mss. ex Willkomm, liotan. Zeit. 1847. col. 239. — Multicau
Us caulibus ascendentibus elongatis simplicibus, folus radialibus ad basin caulium
confeitis ovato lanceolatis acuminatis, cauhnis late ovatis acumimtis, falcito re(ur\
tis omnibus dorso margineque nervo vahdo albo mstiuctis pun^entibus, floubus tei

- mnalibus densissime caplatis, bracteis sepalisque ovato-lanceolatis, margine albo-membranaceis pungentibus; petalis longe spathulatis obtusis, calycem superantibus albis; capsulis. . . . ? — Crescit in montibus Galiciae.
4. A. (*Eremogone?*). . . . Unge. Arbth. des naturf. Vereines in Riga. I. 186. J — A. *Jtleyeri* affinis, at diversa caudiculis elongatis, foliis caudiculorum minime coufertis, turionibus in axillis cujusvis foliorum paris ad ramificationemcaulis usque densifoliis. Caulis glaber. Folia acerosa pungentia validiora quam in A. *JUeyeri*; caulina patentissima, turionum homomalla, juniora ima basi vix glanduloso-ciliolata; inllorescentiae pauciflorae rami tenuissime glanduloso-pubescentes. Flores (e rudimentis) multo majores. Sepala dura concolora, eximie carinata, margine glanduloso.. 'Hiolata acutissima, arete imbricata. Petala calycem duplo saltern, ni magis, superantia. Capsula in valvas 6, apice bifidas fere omnino soluta, calycem excedens. Semina jam omnia elapsa. — Crescit in alpibus Karatau.
5. A. PARVIFOLIA Rnth. Plant. Hartw. p. 163. no. 911. — Puberula: caule procumbente ramosissimo) foliis putiolatis ovatis acutis, basi angustatis ciliatis; pedicellis in axillis superioribus paucis unilloris folia vix aequantibus; petalis nullis (v. minutis?). — Habitus *A. biflorae*. Folia in petiolo semilineari 1 — 1% Im. longa, herbacea, uninervia. Sepala vix lineam longa, acuta. Stamina 10. Styli 3. Petala etiam in alahastro frustra quaesivi. Capsula membranacea, calyce longior, ovata, obtusa, tandem in valvas 6 debiscens. Semina circa 15, laevia, nitidula. — Hacienda de Antisana.
- li. A. (*Dicranilla?*) RADIANS Until. Plant. Hartw. p. 163. no. 909. — Pulvinatim caespitosa-ramosissima: foliis imhricutis lanceolatis canaliculato-concavis subcartilagineis glabris; floribus terminalibus scssilibus solitariis; sepalis foliis similibus; petalis oblongis unguiculatis calyce subdimidio longioribus radiato-patentibus. — Habitus fere *Cherleriue*. Folia fere 2 Im. longa, viscidula? Sepala paulla minora. Stamina 10, cum petalis disco perigyno inserta. Ovarium breve, stylis 3 brevibus. Ovula (in lloribus 2 examiuatis) 10, funiculis basilaribus erectis, basi breviter connatis suspensa, amphitropa. Capsulas recentes non vidi, sed plures observavi in ramulis vestustis persistentes monospermas, iuapertas, facile tamen in valvas tres obtusis integras v. bifidas separabiles. Semen orbiculatum, leviter compressum, higrum laeve, lucidulum. — In montibus Unissa et Clmborazo propter nives aeternas.
7. A. FLOHIBUJNDA Gay, Flora Cliilena I. 209. f — Tota tenuiter puberula, dense caespitosa ramosa: caulibus erectis vel ascendentibus, ad nodos tumentes paniculatis; foliis linearibus angustissimis, basi stipulis argenteo-scariosis instructis; floribus numerosissimis in glomerulos terminales confertos aggregatis; petalis albis calycem subaequantibus. — Crescit in Chili.
8. A. DEPAUPERATA Gay 1. cit. 270. f — Fere glabra, dense caespitosa: caulibus ramosis ascendentibus foliosis, 1 — 2 — 4-floris vel omnino sterilibus; foliis angustissimis Uueari-acerosis; stipulis ovato-lanceolatis acutissimis argenteo-scariosis; lloribus fere paniculatis paucis, longe pedicellatis; calycibus vix pilosis. — Crescit in reipublicae Chilensis provincia Concepcion.
0. A. SEUPYLLOIDES Gay 1. cit. 271. f — Dense caespitosa liumifusa glabra: foliis carnosulis oblongo-obovatis cuneatisve obtusis; floribus ad apices ramorum sparsis, tevminalibus axillaribusque, breviter pedicellatis albis. —> Crescit in Cliili prov. Coquimbo.
10. A. PALUSTRIS Gay 1. cit. -j- — Ramosissima glabra: ramis tetragonis ascendentibus; foliis carnosulis linearibus angustis acutis, stipula destitutis; floribus pedicellatis solitariis axillaribus albis; capsulis globosis. — Crescit in Chili provincia Valdivia.
11. A. OLIGOSPERMA Gay 1. cit. 272. f — Fere glabra: caulibus debilibus humifusis verascentibus j foliis late ovatis acutiusculis, basi in petiolum attenuatès; paniculis laxispaucifloris terminalibus*, floribus albis; capsulis 3 — 5-spermis. — Crescit in Cliili.
- *. A. MINUTA Gay 1. cit. 273. f — Glaberrima pusilla: caule pollicari foliformi dichotome ramoso erecto j foliis lineari-lanceolatis acutis; floribus alaribus terminalibusve solitariis, longiuscule pedicellatis albis. — Crescit in Chili ad Rancagua.

f Icones addendae.

A. NEILGHERRENSIS YVght. et Arn. — Wght Spicileg. Nellgherr. I. 14. t. 13 < i
Icon pi int. t 919

5239. HOLOSTtIOI Lmn.

(DC Prodr I 393 — Ann sc. natur [3 Ser] IV. 23 sq.)

1. H. GLANDULQSUM Bertolonl, Nov commentar. acad Bonon V 421 — Pu>
centi ^laudulosum f folhs oblongo hnccohtis lincanhusque, flonbus umbellatis 0 —
Ciuliserectus, vel adsruideus, qiudn — quinqm polliciris, supernc lon^o tractu nudus
Join oppositi, oblongo linctolati, vel lain eolato line in i, acutiuscula, imi in petio
lum mgustata, reliqua sessiha b isique brevi tra< tu connata. I lores terminates, um
bell iti, albi. Tota pi uita tecta pilis apice glandulifens et glutituferis.— Cresut
ad npas Euphratis fluvn prope pontum William.

5240. STELLAR! 1 Linn.

(DC. Prodr. I 396)

1. ST. HEHECILYX In/1 in Ruprecht, Beitr. zur Pflnznk Russl II. 20. — Species
nova inter *St. longipedem* (y lus. 4) et *St. davuncam* (5 lus 2.) media, tapsuli et
seminibus ignotis anceps et foitasse *St. lonytpedis* vanetis. Caudiculi *St longipe-*
dis cum n hquis partibus praeter calycem glaberrimi mtidi Bractea< scinosae cum
foliis Inud ciliatae Calycis lacunae ohlon.,at* obtusiu&cul ie, supra medium confer
vout o pubescentcs, ore uliolatie. Folia et petala *St. davuncae*. Pubcscentia no
tibilis calyus simul cum glabntie omnium partium reliquarum jumta hunt ab affini
bus utrisque specubus distuigUit, in *St. davurtea* ciudiculi et folia semper idhuc
pilis vfstiuntur, dum cal>\ oinui pube Jim exp< rs (freiul in litt) Foimam *St hebe-*
calyci hinullun im ct furs in lantum calyce sublabro diversam, facie *St grammeae* β
lanceolatae γ m/1 pr Mesen legt — trescit in terra Samojedorum cuca oppldulum
Mi sen 11 in 8inu Indi ^,1.
2. ST ULURiSEPALV Tnutvttt in MiddeiidorfT, Sibir Reiss 52 t. 8 1—Rcpens
lamis an^,ulatis ^UUns v puberulis, folus ovatis v lauceolatis crassmscuUb pUius
vlridibus, a sa mvicem lemotis , flonbus in cymam depaupi ratam laxiust ulam dispo
sitis, br *ittus* ovatis, marline latissimo albo membranaceo cinctis dense ciholatis ,
sepalis ellipticis, apice rotundatis, medio \u rba(eis vindibut» dense ciliolatis albo mem
branaceis , petalis calycem lon^e superantibus neque ad medium bifidis 2] — Cre
scit in Sibina ad fl Taimyr.
- 3 ST [*Schizostegium?*] PANICULATA Ed^wrth Transact of the Linn sic. XX 35 —
Folus ^lalms l inceolatis icuminatis petiolatis margin itis, calyce f,landuloso piloso,
petalis biadis longiore, capsula monosperma — Ramosissima, ramis fi&lulosis clou
gitis plabenimis lacvibus lucidis, uno latere jinea pilosa pihs simplu ibus notatis
Folia ovato lanci olati acuminata, infenora pctiolata, supenora vix subscssilia, petiolo
ciliato, glabn vel minute S(abro ptlosa, nevo submar^inata, quindoque enspata
Pamculae axillares terminalesque, dichotomae multiiloi ie. Pedicelh calyce lonqiores
bractaeque ovatae acutae glanduloso pilosi Calyx 5 pbyllus , glauduloso pilosus,
sepahs ovatis membranaceo margin itis obtusis Petala cal>ce bieviora, viv ultra
medium bifid i, segmenta divancata Stamm 110, ftlamenta bisi dilatata subconnevi,
antli* ris ovalibus Styl 3 breves, ovarium apice ru(osum. C ipt>ul i tnalvis, semen
solitanum magnum aciculatum — DitTert a *St monubperma* [*crisp at a Wall*] folus p<
tiolitis et sepalis ^lauduloso pilosis — Crescit in nemonbus, alt ped ^000—10000.
- 4 Sf [*Latbrea i*] DLCUMHhNS hdgwrth loc cit.— Caulibus subtetra^onis radican
tibus pilosis, folus sessilibus subulatis, sepalis glabris acutis petilis, mini mis biffdis,
stylis I — 4, pidnellis axillanbus sohtarus longis — Decunihens ramosissima, ra
mis subtetra^onis breviter pilosis. Folia sessilia amplexiciulia subulata acuta sub
tnnervia Pedicelh axillarcs uniflon longi Calyx 4 — o pbyllus glaber, sepalis
subulatis amtis margiaatis, petalis plus duplo longionbus. Petala 3, 4,5 vel 0, minula

- hi partita, segmentis linearibus divaricatis. Stamina 8 — 10, filamentis has I dilatatis. Styli 3 — 4. Capsula 3-valvis vel quadrivalvis, valvis bifidis. Semina ovoidea minute aciculata. — Crescit in Himala ad alt. ped. 10000 — 11000.
5. ST. PAUCIFLOHA Zoll. et Mor. in Moritzi System. Verzeichn. der von H. Zollinger auf Java gesammelten Pflanzen pag. 30. — Caule prostrato; foliis petiolatis ovatis acutis petiolo excupto glabris; ramis erectis, apice paniculam paucifloram (3 — 7-flor.) di — trichotomam pubescentem gerentibus; floribus decandris, saepius in omnibus partibus nortivus; petalishifidis, styli & 3-nis; fructibus. . . ., (immaturis). Crescit in montans provinciae Preanger prope Kukit tungul in insula Java.
6. ST. AUSTKALIS Zollinger, Flora 1847. p. 660 — Caule basi prostrato fragili; foliis ellipticis utrinque subacuminatis et puberulis, margine obsolete calloso-denticulatis; paniculis terminalibus divuricatis laxis dichotomis; pedunculis paucifloris, pedicellis et calycis laciniis viscido-hirsutis. — Crescit in rupium fissuris 0 — 8000' s. m. Javae orientalis.
7. ST. Zollinger, Flora 1847. p. (UK). — An *Cerastii* sp.? — Caule ramosissimo, basi procumbent^ fragili; foliis sessilibus semiamplexicaulibus lineari-lanceolatis acutis cauleque dcusissime cinerascenti-tomeitosis; floribus terminalibus; pedunculis 2 — 3-idiis, folio lon^ioribus} sepalis ovatis acutis, margine scuriosis, corolla paullo brevioribus, eodem ac foliorum indumento; corolla alba. — Crescit in summitatibus montis Tengger 5500' s. m. frequens, in insula Java.
- H. ST. AHOHTIVA Gay, Flora Chilena I. 2(5. + — Fere glabra: caulibus ex eadem radice numerosis gracilibus ascendentibus; foliis ovato-lanceolatis acutiusculis, nunc sessilibus, nunc in petiolum attenuatis; floribus parvis ad apices ramorum fere in glomerulos aggregatis; petalis obsolete vel nullis. — Crescit in Chili ad Santiago.
11. ST. (*Eustellaria*) LEPTOPETALA Knth. Plant. Hartar. p. 1<3. no. 910. — Pubescens: caule procumbente gracili ramosissimo; foliis parvis petiolatis ovatis suboblongatis acutissimis; pedicellis parvis folio pluries longioribus; sepalis oblongis obtusis V. exterioribus lanceolatis acutiusculis; petalis calyce dimidio longioribus linearibus, ciliatis profunde bifidis. — Caules basi radicanes, angulati, praesertim sub nodis pilis laxis pubescentes. Folia 3 — 4 lin. longa, pleraque basi late cordata, rarius rotundata, utrinque praesertim ad marginem laxe pubescentia, floralia saepius minora. Pedicelli 0 — 8 lin. longi, pilosuli. Sepala 2 lin. longa, 2 — 3 exteriora pilosa et interioribus glabrioribus acutiora. Stamina 10. Styli 3. Capsula calyce brevior, ovata, ultra medium in valvas C per paria approximatas erectas dehiscens. Semina in placenta centrali in seriebus 0 disposita, in quaque serie 4 — 5, leviter compressa, granuloso-scabra. In capsula altera valvulae 7 visae, et vicosimiliter gynaeceum interdum tetramerum. — Ad Minasurca (montem Minarum) ad radices montis Pichincha.
10. ST. SCOHPIUS Hook. fil. Icon, plant, t. GSO. et Antarct. voy. of Terror and Erebus 7. f — Glabra: caule decumbente dichotome ramoso; foliis recurvis, omnibus, etiam supremis petiolatis obovato-rhombeis acutis, apice callosis carnosulis, siccitate punctis minutis elevatis asperis; petiolis subciliatis; pedunculis 2 — 3-chotomis, rarius unifloris folia plerumque superantibus, ad furcaturam pedicelloque unico medio versus hibracteatis; bracteis ovatis acutis scariosis albidis, petalis 5 bipartitis calycem aequantibus, interdum eo brevioribus v. nullis filamentisque ima basi dilatatis fere hypogynis; stylis ternis. 2\ (— Caules tetragoni e basi valde ramosi filiformes 3 — 5-unciales. Folia carnosula 3 — 5 lin. longa obovata seu rhomboidea, hinc inde minute tuberculata. Petioli 1 — 3 lin. longi latiusculi. Pedunculi folio plerumque longiores " solitarii, raro uniflori, 2 — 3-fidi, ramis inaequalibus* Petala saepe deficient. — Crescit in insulis Aucklandicis et Campwell.

f Icons oddendae.

ST. NUTTALLII Torr. et Gr. — Gardn. Sertum plant, t. 18.

ST. MEDIA Lin. — Wight, Icon, plant. 947.

Siibtbnbiw II CERASUEAE Fnzl

5240. CLR V&T1UM Lym.

(DC Prodr I 414)

- 1 *C VULGATUM Linn — DC 1. c 415 no 13 — \Y_oht I. on pl.t 048
 0 *htnophifUumRu\TLv* Beiti sur Pfln/nk Russl II 27 — Refert exacte T
nt/uluin minus llh Cham (calynbus m moribus, 3 lin «t folns supenonbus minus
 I Uis i t *jnloso* Fisch diversum), si tunonts ext ipiuntur m nosfia plant i gli
 bres< i ntt s < H ilia obovato spathul ita £,eient< s tunom s in sprinnne e sinu In
 dt_ni f« l« pi d ilt h < opiosissimi < luissimo Jciul in litt est C, *vulgatum* &
gramtflorum 11 Koss lusufat cidus {l ibiatus, pr hvmb ilnitza In Inrsutum
 abicns — Crescit in terra S imoj< doium id kimh Unit/im tt in sinu Ind<_t
- 2 C GILIALI YRICUM Boiss in kilaart, H Ctlpens p 217 — (mduulis piostiitis
 <lon_nttifi bismudis, caulibus asrendentibus foliisque bre\itci hill * _dlandulosis, folus
 lnuati laiuocolids polluanbus et ulti i subrciiivis at mat lforubus viridihus, bracteis
 minimis, pirtc supi norc s< uiosis, pt IK ellis vistidis semper crtttis, bepalis oblon
 t_tis cibtusiusculis mar_nine et apice scanosis, petalis ma_Bnis usqup ad tcrham pirteni
 bifnlis e\imi< pluato stuttis, capsulis culyce duplo longionbut^ deitibus hievibus
 obtu&ibicctis mar_oinc subrevolutis — Viscositate, f *l_ns mulfolongioiil.us _blibicscen
 fibus subie< urvih b< pahs ovationbus, petalis m I^IIS pheatw ab omnibus \anetatib
C repentis videtur distinrtum — Crescit id Gibialtar
- 3 L LVUM loifts ctllilduub in Itoiss Dia_on plint orient nov \I p 25 —
 Anniim i aulibus tiuuibusa BISI dlchotome lam jsissinus elon_Datis lami&que pilis
 retror&um idpic&&is birsuhs fuhis sesbilibu& ov ttis obtusis adprcsse hirsutis, brtcteis
 minimis oblon_oi& acuds, ipice mcmbianateo mai_ninatis, suhtus margmeque longissun
 (ilutis fl nibus longissim* pcduiK ul itis, paniculim laxissmni fornntibus, pt dun
 t il 11 lum in dichotomiis sitorum nudis, latei ilium ad medium biactcolitis omiibu
 \ si inthc&in ipid recuivis sepalis tlliptit is dorso 1 II_L et ippies&iuscuh (ilutis
 k<tte albo membian iccis, pet ilis tuieatis apice rotund ito bilobis cal)<e sesquiloip,
 ribus, capsulic cylindinae apice paululum constrict ic ealyce vix lon_Dioie6_o deitibus
 rectis hrc\ibus lineanbus, ipice truneutis, mar_oine subie\olutis, seiiuibus reniforu
 compressis i xinue tubeieulitis — Ciescit in umbrosis montis Itomes Messemae
- 4 C AILANTILUM Duiuu, Revue botamque II 437 — Annum vel peiennans pillid
 virens detandrum, baud viselum cauhub& erectis, unifanam pubeiulis, latei ilibus
 basi lidieuitibub, folns liete vnidibus _blabriusculis, s\<pc ciholalis, inferioriibus
 bpathulito oblon_ois, caetens obi >n_o ovatis aeutis, brat teis amplis ovatis, omnino
 heibateis, peduneuhs antlit si peratta ieile\is, fruetifens treetis, calycem quadruplum
 lon^is, laemiis eal^cius tjlilbns \el villosulis, acutiusculis vel subobtu&it>, mir_oine
 st arioso, petalis talyrem aequentibus profunde emu_oinatis fil tmentisque ^libiis,
 capsula recta, catycem duplum Iun_oi, scmimbus paivis subp>iiformibus, concentricc
 tuberculatis, striis traiisversis series tuberculorum per intervalla interrumpentibus —
 Crescit in Al_oeria prope Constintine, Tlemcen, Milianah, Tiaiet
- 5 C CARDIOPET VLUM Gay flora CInlena I 274 -} — Totum birtellum caule sim
 pliciusrulo erecto, folns oblongo lanceolatis aeutis, infeioiibus in petiolum attenui
 tis, supremis amplexicaullbus, floribus subumbellatis terminalibus, post antbesin Te
 flexis, capsulib calycem paulo superantibus — Crest it In relpublicae Chilensis pro
 vineus centralibus
- 6 C MONTANUM Gay 1 cit 275 † — Totum puberulum caulibus ereetis sunplici
 bus, apice dicbotome ramoso 3 — 5 — 7 fions, folns lineanbus, marline reflexib,
 ilonbus alb is, capsula cylindnca calycem aequante • — Cresi it in Chili provincia
 Colchagua
- 7 C NERVOSOjft Gay 1. cit 277 J- — Tomentello pulveraceum ranescens caulibus
 numero&is dense caespitosis, ascendentibus foliosi&, folns parvis elliptico oblongis
 obtusis, neivoprominulo subtus instructs, floribus pedicellatis ad apicciu ramoium in

CERASII >{

t

cyuiajs a__5—7 florw flfepwltn Interdumque solitwll*; petala spica; ...

C. MONTIOIDES Gay I. • ... Fere omniso glttbram: ouli?... l.rmiSm

•tnpltethtl *«1)' vis; foltis raoUbiU ohlottO-«IKpt! ta obtatll, bail in j»

t

turn brerem atleaht Doriblu I (frmlialibua UtQIaribBSV*)

pCtilt* liifiili- < r.s. it [fl Idrdill-rtis 4. Lih.-u^iUus in pfOT, Saiiii..

OSI M Bulh. IM.M.I. ll.iiiw, p, Irii. nu 90S. — Uii<li(ii.- team Lin.ito to-

mentosum, luu roUorum Buperloian i- toBunteenttefl wb;lloijww»3 foHU tata lutesv

liti Us deOoratfl <iiv,irnuis bncteisquelMatil] Mpaltfl elllptleta i-tus dense

I. n.itii, petala aogusts eiowgliata,cobteqiMntlbti Q viz m

pennUi rectii, d-entlbos erectii mwrgha re?olntl*) MOlnbua ' itUer«uJatl«. © — AfOie

C. (* IVilldeHotcii, hue dlfferi Imprimis lait&laflofaw .>|i>sa H

in-t.ilis lirevioiifuis. Cdlycea per iathettn 1 ln. longl, fructiferi pantlo loofflorefiti —

[ends tie AiiitiN.iim.

10. C. \NDIV ... I ... mi. 907. — Oiiihiue tamento ilrnsn launo, iu till

[a>. obtortam: folia lin.-jiri-titiIt)ij:K nblun ... ; pedicellis gracilibus, deflorata

tlivaritt ... M[ji'- Jimtiti.i; (wpalli hit: !nir<<jfatis acuti* «stu« tmte laoitig. (juin

peulu August* miar.^iiiiild liifnta [iniilltt tirevoribttt] UpNll OT>to-oblong« cttll]cem

fltante? — ilabltus •' folia V. lomtuhsu, iiiiWrcsnijti.i ut in (. fiteootO lanaU,

ab bad iliti'-n ftil ... (i.'ilii'cllts lougiortbus, cepalU (operiodbw J''-ILIIIB paul-

In longtrnribiis, ... likMib^ur, setl liaen hi Kpeuimiiibus ttfidum matura.

— Ukdenda An AAIAMM, tt Ei ... Chisnli<ir>*« jintpU-r nivos ... (*'niti*.

II. C. ... Xolln^ . Flora 1841. p. MM. — l'i'<i.sli,i(imitl DMillhüs lctdi ramu

sis, ramis ascendetitltiat filii" <trniibuit; f'illi. <

oculis Ijii-viter [iftUlotis t<nullir (tulicruti) ... pedicellis ternialibus in c- -msm put

cilicram laxam dispositis glanduloso-hirsutis; calycibus herbaceis corollae longitudinales

glanduloso-hirsutis. — CvetoM in IMBU Jnv<t in HL. ... Ardyus rostratus un-

brasis ec. 8000 a. m. * ^ ^

Batfkibtu ill. MALACHIBAE FnsL

5242. MALACHIUM Fries.

[Lurhrea Scringe in DC. l'mdr. I. 39S. BCC St. Hi I.)

I. M. CALYGINUM W

striato

amburiam ptbesceotei ftllli MSQlbai lato ovattB hruvit.-i •etdntnaih inti-uris rt-iica-

[•tin Dsrroia ^labcis; co; OHMJ dlo&otumoi pedtt:>lifs oniyet Qkadtaptw loaatdiltbni

Iiirfiatiusculis, poef tafbeclit rafnctl; calycis ... extnialbai liisntif., iuu-rriori-

buis glabriscaulis lato albo-marginatis, omnibus alborum-lanceolatis obtusis; petala

vi\ rni-Ji.iii calycis Ic•iiLeitiiufNi .Li'(j.i:iatir>us i-r<itiirml- I,partita & Ibia, prtUtuauib

ubl(is>gis obtusis) pffftaHbflg t.pi<iii.im aequuntibiu, toth<rtta tubglobusii ulgreaceatl-

tus; capmdkfltttnn cilyeiun Kaqamata nv»u qaln^nav<hr], vuivb lanceolata obtusis;

semiBQHU r'un[j].LiulU orbicuUri rciifinulbuH pulcbrt.- Mbsteoli ... spadicis. — Gre-

heit in li.n-ii.c.i in uobrotU reglouit • ilni: e ad oppidum Carrataca.

Kubordo IV. HILMiMil*: DC. 1. c I. 351.

Tribusl. DIANTHEJE\LW.

5'J4i. U U \ T 111 > i /,ww.

.DC. l'rutr. I. ;(53. — U'lj.rs. Bvpevt I. iiliti. II ii7l. V. 77.)

I. I). MAYKIU l'ri-sL Hut. Iti-rarrk. p. is. - Ctul- bifloroi oM^rf* »q<Mmk obo

suborbiculati; obttHi> adpress is, tni'i' qadmplo brcrtarUtu*) polilta liului.ihl-muii)

(idi* tiuerviii inilterliiiiK; foliis Kubalato-tct>ce[j] uuu^iii" mBroquo dai

lalu-ecshris. — Diff^rt crciq a Ji. ytrueo tqumla ratljcte el folila unghostioilbiu

nil.iH;. \ rellqois ipoCtottU petattl rinitijififu-umJtfulK Instgulh

differt. Sed haec species in Bohemia ad LomniU non crescit et pottus Sibinae in cola esse videtur

*.

2. D. LALOCFPHALUS Boiss. Diagn. plant, orient, nov. VI p 23 — Perennis uulgaris, foliis simplicissimis teretibus caesus, folis lineibus acutis minimis punctatis, margine sub lente obsolete scindis, radicibus paucissimis, florum tempore Mccitit canalic ulato plicitis, caulibus patulis cinaliculatis in panis paina icomotissimè disposals, vagina folu luitudine quulruplo longiore folis supremis diquillnnd, lacenus b — 7 brevissime pedunculatis hi vii tntlons oppositis, supremo umlloro omnibus contiguus in corymbum (apituliformem congestis, squamis vaginantis bus acuminatis ricemi pedunculum atquantibus suffultis, florum super racemum brevissime pedunculatis squama acuminata suffultis, involucris squamis sex ovatis scariosis calicibus calyce triplo brevioribus, apice rotundatis mutrone us brevioribus termatis, in tubo rhyndro eximie lubtillo striato, dentibus triangulatis acutis, petals lorum ungue non exserto, lamina parva ovato cuneata subtruncata, apice obtuse dentulata, fane superiore ad medium parte et breviter barhda rubello ignea patulolecuivd, stamibus hreviter exsertis, styli longe exsertis circumscissis. — Crescit in rupibus de **livitatis** septentrionalis Tmoli inter Ito/dioli et Sardes
- A. D. CINNABARIMJS Spruner & Boiss. 1 c. 22. — Glaberrimus ruzomate multicaulis basi suffrutescens, caulibus erectis elongatis simplicibus obtuse angustis laevibus, folis digustis lincaibus, superne attenuatis acutissimis ngidiusculis minus pungen tibus, subtus plurimovus, margine scabiidis bilibris mdibus, radio ilibus paucis bubbbreviatis, Ldulims infenonbus uittrnodium aequantibus, caetens eo hrevioribus longe acuminatis, vaginis foim lititudine tuplo longioribus, (loribus 1—4 terminantibus strobilus congestis, folis lmtan setaceis cilyrtm subaequantibus basi suffultis, in volum squamis 4 ovatis tiubestentibus anguste maigrutis, telyte fere triplo brevioribus, dpue obtusis, in aristam lubellam us aequilongam productis, calycis cylindrici M < uiustdi **iridis** valde striati dentibus lanceolatis, apice albido-scanosis acutis, I il M unguibus non exsertis, lamina tarnaosa patula obdoto tuncati obtusissimj, feuperne in dentes acutos angustos ejus Idititudine triplo breviores fissa, superne cm nabanno rubra, subtus flavescens, utnque glandulis sessilibus adspersa, gemmibus inclusis. — Crescit in monte Oeta Thessaliae, in apricis inter frutices regions inferis Taygeti Laconice prope Anavrjrti.

t Icones addendae.

D. INTEGER Vis. t. l. Dalm. II. t. 36. (2. 3.)

D. RACEMOSUS Vis. 1. c. t. 35.

D. SANGUINEUS Vis. 1. c. t. 36. (1.)

Tribus II. LYCHNIDEAE Fenzl.

5245". DICHOGLOTTIS Fisch. & Mey.

(Wlprs. Repert. V. 78.)

1. D. ALSINOIDES Bnge. Arb. des naturf. Vereines in Riga t. 179. f — Annuum caulibus solitatis parce ramosis folisque lanceolato-oblongis glanduloso pilosis, florum detandris dirbotome laxè paniculatis longissime pedicellatis, pedicellis erectis, calyce Cdmpanulato profunde quinquemlobo, lacinus membranaceo marginatis obtusis, petalis Cdlycem vix superantibus, ultra medium bipartitis © — Crescit ad jluvia Jan Darjd.
2. D. AUSTRALIS Schlicht & Linnaea XX. 631. f — Pube brevi patente et in superioribus partibus simul longioribus pilis glandulosis tecta folis hnearibus obtusiusculis, dorso convexiusculis, facie planis, basi dilatata membranaceis connatis, calyce basi attenuato pentagono tubuloso 2 Im. Ingo, quinquelobo, lobis late ovatis acutiusculis petalis bdsi angustatis, dein linearibus, apice breviter obtuse bilobis, calycem % Iⁿ* superantibus*capfiultiovali utnque leviter attenuata, matura calycem vix superante, semibus oblique pyriformibus, rugulis brevibus apicem versus directis notatis. © — Crescit in Nova Hollandia lous aienosis prope Bethaniam.

5245. SAPONARIA *linn.*

(DC. Prodr. I. 365.)

1. S. ASTROIDES Y\A Mora (B. Z.)XXVI. I. 402. ☼ — Annul, pube aiticulata homou tali gUnduloso birsuta caule erecto firmo, a basl dichotomy ramoso, mox m cymam fuliatam effuso, foliis oblongis, supenonb. lanceolatis, bdsi attenuatis, uninemib, utnnq. v supra glabrte, niargiiee plerumq ciliatis, pedicellis clon^atis, defloratis cum (lure sursum iituiMs patentissimis, calycis dentib. semiurbiculanb. mucionulatis papilloso ciliatib, petalorum calyce duplo lon^iorum lamina late obovata semitnHda exappen diculala, un^uib apice niedio incrassato biliueatus, cum stamimbus glabtr. 0 — Crescit In Mesopotamia inter Orfa et buerus
2. S. PAHVULA Hüge. Arbtt. des iiturf. Vereines in Riga I. 181. f — Caule pilis ar ttculatis eglandulobib lupidulo humili dichotomo, foliis petiolatis ovatis oblongisve obtubis, bumms acutis, flonbus almbus solitarus, pedicelhs calyce oblongo demum ovato subbreuiobub, laciius calyciuis ovatis acutis, petalis lineari spatulatis ob solete emargnalib exappendiculatis, capsulae dentibus. . . . ? 0 — E sectione *Pro temta*. — Crescit in deserto Kibilkum.

5248. SILENE *Linn.*

(Dt. Pio«li I. JG7 — Wlprfc. Repeit. I. 272 II. 776. V. 81)

1. S. (*Behenantha*) PLUTOMCA Gay, Flora Chilena I. 25S. i — Totd puberula cau hbus ascuidentibus, inferne simplitibus, superne parce rimosis, foliis elhptico Ian ceoldtis acutis sessilibus vel rarius in petiolum brevem ittenuatis, flonbus ad apices rtmulorum terminalibus majusculis, calycibus subinilatis, petalis bifidis — Ciescit in Cordillerls flul^nsibus (Talcaregue).
2. S. (*Otites?*) GLOMERATV Giv 1. cit 259. f — Tota piloso lursuta foliis oblongo ovatis subcuneatisve mterdumque bpathulatis, in petiolum attenuatls, inferioribus obtusls, suprenus subacutis, flonbus ad apices ramorum in glomerulos 5—10 fluram scordioideos aggregatis. — Crescit in Cluli ad Santiago.
3. S (*Otitti* DC) CALYCVLATA C. Koch, Linnaea X[X. 56. — Multi< berrlma, sed e\ niedio caule glutinosa folia radica ha congesta subrosu. in n n n n recurva crassula, cauliua subtripana parva ovato lanceolata, ut bractee latioies con nata, flores solitaru, biacteolii duabus oppositis albo membranaceis instructi, bie vissime pedunculiti, calyx subcampanulatus, dentibus latis albo marginatis brevibus mstructus, petdlorum lamina eiecta paiva, paululum ex&erta, stamimbus minor, in unguem pilosum sensim attenuata. — Ciescit in Asia mmore.
4. S. MULIHD* Ed^wrtb. Iransact. of the Linn soc. XX. 34. — Pubescens: caule biinphci, foliis lanceolatis ovatisve amplexicauhbus, inferioribus in petiolum atte nuatis, racemis axillaribus, flonbus erectis, calyce viscoso, petalis ecn&tatis bipar titis, segmnttib multifidis. — Pubescentid adpressa simplex Caules crassl stneti erecti l*olia opposita vel terna pubescentia, margine undulata, infuioia lanceolata, bdsi in petiolum amplexicaulem attenuate, superiora ovata acuta amplexicaulid. Ra cenu pduciflori axil lares. I lores erecti vel divergentes nee penduh. Caljx strictus cylindiicus decemsti idtus, breviter 5 dentatus, petalis multo brevior VU>COMIS. An thophorum brevissimum. Petalaalba, ecustata, 2 partita, se^mentis bifidis, lobis 2 — 4 fidis. Stamina pube¢ia breviter exserta. Stjli 3 — 4. — Affims *S. viscosae*. — Cre&cit in monte Uimala ad alt. ped 8000 — 9000
5. S. (*Stachyomorpha* DC) IIRKEANA C. Koch, Linnaea XI\ p. 50. — Multicdulis htrto pubescens caulii bimplex raro ramosus tetiagonus, folia late oblon^a, in pe tiolum (ad radicem et mferiorem caulii paitem aequilongum) attenuata, bpica duplex, flores sohtaiu aut in lamulo brevissimo bun et tfinij bractee late oblongae aut sub lotundac, margine ldte dlbo membriiaceae fimbnato ciliatae, calyx cylindiicus mox ventucosub, ex costis decem vindis piloso hirtub, caiterum albo nienibranaeeus, den tibis brevibus ovato acumioatis nistiuctus, stdmma longe exseiU. — Ciescit in Asia mmore septentnouali.

- (*S. (Siphonomorpha) RADICOSA* Bolss & Heldreich in Boiss. Diagn plant orient, nov VI. p 24. — Perennis rhizomate crasso caespitose pluncauli, folns radi calibus numerosis caespitoso obovato spithulatis, apice obtusis breviter atuminatis, longissime in petiolum superne canaliculatum margine ciliatum attenuatis, margine subrevolutis ciliatis Urticulis, subtus al. nervum medium unicum Inrticulis, caeterum glabris carnosulis, caulibus erectis gracilibus simplicissimis, remotissime 3 — 4 partibus foliorum linearum spithulatum, dein linearium brevissimum auctorum instructis, flonibus 3 — 4 terminalibus approximatis in axillis superioribus solitaris latealibus brevibus, terminalibus pedicellatis omnibus erectis, bracteis linearibus pedicello brevioribus, calyce corneo cylindrico clavato basi truncato glaberrimo, extus pallide virenti, intus albido decemsternato dentibus brevibus triangularibus atutis patentibus recurvis anastomosis albo marginatis ciliatis lacinatis, petalorum laminae in se parvis patulis flavidis, ad medium usque in lacina fissis basi ecoronatis bibracteis, filamentis 6) glabris, carpophoro capsula oblonga calyce inclusa brevioris — Credit ad limitibus superiores teitiae regionis Taygeti loco Aonia baibara dicto.
- 7 *S. (Siphonomorpha) UBALTARICA* Boiss in Kthlart, Floia Calpensis 2IG — Rhizomate suffruticoso, folis radicalibus ovato spatulatis in petiolum attenuatis, apice obtusissimis mucronatis, pulviscenti in brevissima densa velutinis subcarnosis violaceo viridibus, caulibus paucis submedianis, caulibus 6 — 7 pollitanibus, parte superiore glabris, panicula 7 — 8 florum abbreviata, calycibus longissimis cylindricis subfimbriatis clavatis purpurascens 10 nervis velutinis, apice breviter 5 dentatis, dentibus margine scissis petalorum limbo ad tertiam partem bifido ecoronato, pallide violaceo — *E. suetoniae* **S. fruticosae* et *lelutinae* Pourr. — Crescit in praeruptis rupibus (jibrilant orientem versus cum *S. velutina*)
- 8 *S. (Atouon) VILIPENSIS* Knuth floia 1846 p 041 - (Linnaea XIX. 40C) — Canis pubescens, superne viscidulis terminalibus ebracteis nictissata reticulata gricilibus dichotomis, folis scaberrimis, inferioribus inguste spatulatis petiolatis, superioribus linearibus, apice revolutis, flonibus saepe terminalibus terminalibus, calycibus clavatis scissis decemnerviis petalis inclusis anastomosis, ungue in lacina obtuse bifido in sensum dilatatis, anthophoro hievis © — *S. vilis* Hart Index sem bort Gott 1843 coll — Credit in colle ante prope arcem Alhambra

\ IconcH addendae*

- 5 PARNACEIROLIA In/1 — Atlas /u Russeggers Reisen Hft. 3. t 10.
 S SCHATA Gmel — Lmdl Dot Reg 1846 t 20 — Journ of the hort. soc I 69 (cic)
 S SPECIOSA Paxton (Mag of bot. fasc 118) — Van Houtte, Flora der Gvchshsr II (Hft 1) t 7
 S STENTOMA TiuL — Atlas zu Russeggers Reisen Hft 3 t 11.

•H SPECIES MDESCRIPIAE

S GRAIMINEA VIS Fl Dalmat II. t 34^b

S TOMASSINII Vis 1 c t 35

5248/r SILEXOPSIS Willkowi.

(Botan Zeit 1847 col 237)

Calyx clavatus striatus quinquelobus, lobis rotundatis, margine membranaceo subscarioso Petala quinque non unguiculata ecoronata Integra Stamina 10. Styli 4. Capsula stipitata umlocularis valvis quinque dehiscentibus. Semina (immatura) obovato orbicularia.

- 1 *S. LAGASCARICA* Willkomm, Botan Zeit 1847 1 cit — Glaberrima caulibus caespitosis subdichotomis, inferne tetraquetris foliosis, folis sessilibus bistriatis inferioribus linearibus obtusis, medius (maximis) ovato lanceolatis obtusiusculis, superioribus lanceolatis, omnibus integerum obsolete nervosis membranaceis glaucis Flores solitarii ad apicem ramorum et in dichotomia longe pedunculati, pedunculo floris in dichotomia siti nudo, lateribus ad medium bibracteolatis, bracteis ovato

lanceolatis icumlnatis OMUMS, margine membranaceis. Calyx dilute virulis obsolete decemstnatus. Petala retusa alba, calyce duplo longiora. Genitalia calycem AK ttupeiantia, stamina stylis aequantia, antheris elhptius albidis. Ovarium ovale stjhs 4 tenuissime barbularis du]jo bievius. Capsula ovata polysperma, semibus nigris. — Crescit in montibus Astunae prope Peiafuruda.

5248/2. MELAXDRIOI *Rochcl.*

(Wlprs. Repert. I. 2o. II. 784. V. 82.)

1. M. (*Lychnis*, sect. *Gastro lychnis*) PILOSUM Edgwrth. Transact, of the Linn. soc. XX. 34. — Piloso pubescens viscosum: folus late ovatis, calyce inflato 10 nervi 5 (cndto, petalorum glabrorum laminis bipartite, segmentis bifidis, dentibus coronatus duobus brevibus. 0? — Herba uni vel bipedalis debilis, caule teieti, folia subsessilia opposita piloso-pubescentia. Flores terminales axillaresque solitarii erecti. Calyx vesiculoso inflatus pubescens viscosus, petalis brevior. Petala alba glabra. Genitalia hreviter inserta. — Affinis *M. inflato*. — Crescit in Himala alt. 12—13000 ped.
2. M. (*Gastrolychnis* [v. *Wahlbergella*]) ANGUSTIFOLIA Ruprecht, Beitr. z. Pflanzkde. Russl. II. 24. — Descriptions loco specimina Finmarkiae orientalis in Hb. norm. Suer. IX. (*Wahlbergella affinis* Lues.) citatae praefere, quae exacte nostrae exprimitur et eadem foedis specimina sunt, semina nostrae adhuc ignota, folia quidpiam mm oves, 4—5 lin. m. Paris., eimlem in lallor (non nisi cum foliis in Hb. Arad. vidi) cl. Sthrenk in terra manni Samoiji doium ad fluvium Kolva legit. At *Lychnis** seu *Melandryum* affine J. Vahl in Gjoenlandfa (H. Dan. t. 2173. teste ipso J. Vahl in Fl. Dan. fasc. 40. p. 5.) diversa est a nostra species folus et foliis duplo latioribus, caule lobatus (bae propositiones in nostra mini me valiant) et put. etiam alia ac planta in Finmarkiae. Ioli nostrae semper angusta, fere linearia, radicalia subsessilia, caulis tenuis, pleiunice umflorus, rarius billorus, flore secundo saepe hebetato, terminali approximato sessili. Flores erecti vel (ernui, omnium speciem affimum angustissimi, vix enim angustior est flos *G. myolncratae* Chim. et Schlicht. 1826. (sub *L. apetalala*), qui nostrae utique proximi, at multo glabrior longifolia, nec purpurastens. — Crescit in Samoiedoium in Kolgijew.
3. M. (*G.* [v. *Wahlbergella*]) VAULII Ruprecht 1. c. — *Melandryum affine* J. Vahl? Fl. Dan. t. 2173., icon et descriptio omnino quadant, specimina tamen originalia desunt, e quibus differentia forsitan extinean possit. Quidquid sit, meiita Vahli in hoc genere aestimanda sunt, et nomen hoc ad plantam transfero in litoribus omnibus terrae parvae Samoiedorum ad Kambalmua usque vulgatissimam. Sohto humihorem (vix 3 poll.) ad Svjatoi Inoss in terra Samoiedoium legi.

5250. LYCHNIS *Tournef.*

(DC. Piodi. I. 385. — Wlpris. Repert. I. 281. II. 785. V. 83.)

1. L. TERMINALIS Gay, Flora Chilena I. 255. f — Tota pubescens, caule (an caulibus?) simplicissimo recto, folis radicalibus obovatis subobtusis, in petiolum attenuatis, caulis pucis bracteiformibus stictis acutis, flore uno terminali majusculo. ©? — Crescit in Cordillera Chilensibus Talcaregue.
2. L. CUILENSIS Gay 1. cit. 256. t — Caulibus ex eadem radice numerosis erectis simplicibus husutiusculis, basi praesertim fohosis, folis lanuolato lineariibus acutis, in petiolum attenuatis pubeiulis, foliis plerumque sohtius terminalibus, calyce nonnihil inflato, lineis 10 violaceis notato; corolla spureo albo, uiterdum ad Molaceum tendente. 2j. ? — Crescit in Cordilleris Chilensibus ad vulcanum San Jose*.

f Icons addendae.

- L. MACROCARPA Boiss — Exploration de l'Alseie (Bot.) t. 80 fig. 1.
L. VE^PKITRINA Sibthorp. — Explor. de l'Algene (Bot.) t. 80. fig. 2.

Ordo XXT. LINEAE DC.

(DC. Prodr. I. 423. — Wipra. Repert. bot. syst. I. 287. II. 780. V. 87. — Planchon in Hook. Lond. journ. or. bot. VI. 688.)

Flores hermaphroditi regulares 4 — 5-meri. Sepalorum aestiratio quincuncialis, petalorum convoluta. Stamina numero petalorum dupla, omnia fertilia, nunc alterna 5 castrata, filamentis basi magis minusve connexis, antheris introrsis. Glandulae disci 5 — 10 tubo staminum extus adnatae v. rarius innatae. Ovarium 3 — 5-loculare, loculis sub apice anguli interni biovulatis. Ovula anatropa collateraliter appensa. Styli 3—5 a basi v. infra apicem distincti. Embryo intra albumen copiosum v. parcum rectus. Pedicelli infra florem articulati, articulis rarissime sicuti secidentibus. Stipulae nullae v. laterales liberae caducae.

Sect. I. *EULINEAE* Planchon 1. c. 593.

Stamina alterna sterilia, glandulae disci 4—5 staminibus extus adnatae, nunc abortu pauciora. Capsulae loculi septo spurio dorsali verticali magis minusve incomplete v. rarissime complete bilocellati. Lamina albuminis tenuis.

I. (6067). *RAD1OLA* Dill.

(DC. Prodr. I. 428.)

^ Flores tetrameri; sepala 3-dentata. — Herbula per totam Europam
^t Mauritaniam crescens: foliis oppositis exstipulatis; cyma repetitodichotoma.

II. (6056). *MNITNI* Linn.

(DC. Prodr. I. 423. — Wipra. Repert. I. 287. II. 786. V. 87. — Planchon in Hook. Lond. Journ. of bot. VI. 593.)

Flores pentameri; sepala indivisa; petala nuda, nunc sub anthesi unguibus connata. — Herbae v. fruticuli cosmopoliti, e zona polar! aequae ac e tropicis exsules: foliis alternis v. oppositis integris, nervis (si plures) longitudinalibus; stipulis nullis v. glandulaeformibus; cymae ramis demum secundis et remotifloris, pedicellis semper extraaxillaribus.

Subgenus I. EULINUM Planchon 1. c. 597.

Petala libera, cyanea rosea vel alba. Pedicelli fructiferi elongati. Calyces muragine glandulosi. Glandulae stipulares 0. — Herbae annuae vel perennes, ramis virgatis, foliis alternis, nunc pellucido-punctatis.

*Series * PROTOLINUM* Planchon 1. c.

Stigmata latitudine pluries longiora. Sp. typicae: *L. usitatissimum*, *L. grandiflorum*, *L. nervosum*.

*Series ** ADENOLINUM* Planchon 1. c.

Stigmata capitata. — Sp. typica: *L. perenne*.

Subgenus II. CLIOCOCCA Babingt. Linn. Transact. XIX. 33. t. 3. — Planchon 1. c.

Petala libera, calyce breviora. Stigmata capitata. Septa spuria completa, unde capsula pseudo-10-ocularis. Glandulae stipulares 0. — Herba perennans humilis,

habitu et foliis *Lycopodii selaginis*, floribus solitariis intra folia summa sessilibus. — Sp.: *L. selaginoides* Planchon mss. (*Cliococca selaginoides* Babingt. 1. c.)

Subgenus III. LINASTRUM Planchon 1. c.

Petala libere alba vel rarius roseo-alba. Stigmata capitata vel rarius latitudine sua duplo longiora. Sepala margine glandulosa. Pedicelli breves.

*Series * DICHROLINUM.*

Petala roseo-alba, ungue saturiore. Glandulae stipulares 0. — Fruticuli vel herbae basi lignosae, foliis alternis acicularibus confertis vel abbreviatis et quadripartitis imbricatis. — Spec. typicae: *L. salsoloides*, *L. Orlegae*.

*Series ** OATHARTOLINUM.*

Petala alba concoloria. Glandulae stipulares 0. — Herbula annua dichotome ramosa, foliis oppositis ellipticis. — Spec.: *L. catharticum*.

Series ... LINOPSIS.

Petala lutea. Stigmata capitata. Glandulae stipulares saepius obviae. — Herbat* annuae vel perennes vel fruticuli, foliis alternis v. oppositis, numquam rosulatis. — Sp. typicae: *L. strictum*, *L. rigidum*, *L. ruyticaule*, *L. Mexicanum*, *L. junceum*, *L. quadrifolium*.

*Series ... * HALOLINUM.*

Petala lutea. Stigmata latitudine duplo longiora. Glandulae stipulares 0. — Herbae perennes, ramis virgatis, foliis inferioribus oppositis. — Sp. typicae: *L. maritimum*, *L. tenue*.

Subgenus IF. SYLLINUM Planchon 1. c. 598.

Petala sub anthesi unguibus cohaerentia. Stigmata linearia. Pedicelli fructiferi breves.

*Series * LIMONIOPSIS.*

Flores luteae rarius albi. Glandulae stipulares saepius obviae. Fruticuli vel rarissime herbae, foliis inferioribus saepius spathulatis rosulatis, vel saltern confertis, pube (quae rarissime adest) eglandulosa. — Sp. typicae: *L. campanulatum*, *L. nodiflorum*, *L. leucanthum*.

*Series ** DASYLINUM.*

Flores cyanei vel rosei. Glandulae stipulares 0. — Herbae annuae vel perennes, foliis sparsis, pube saepius dense et magis minusve glandulosa. — Sp. typicae: *L. viscosum*, *L. hirsutum*.

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1. *L. SCABRUM* Kze. Flora (B.Z.) 1846. p. 654. — Multicaule: caulibus scabris, superne subramosis nudiusculis; foliis alternis lanceolato-linearibus acutis, margine scabris; floribus composito-racemosis, racemis secundis; pedunculis inferioribus calyce longioribus, superioribus brevioribus; sepalis ovato-acuminatis glanduloso-ciliatis; petalis rotundatis, calyce quadruplo longioribus. — Crescit in Sierra Nevada in calcareis aridis prope papum Guejar et in collibus prope Granatam, c. 1—3000'.
 2. *L. RAMOSISSIMUM* Willkomm, Botan. Zeit. 1847. col. 240. — Multicaule: caulibus ascendentibus erectis superne ramosis & imis; foliis confertis subimbricatis lineari-subulatis mucronatis, margine revolutis uninerviis scabris: floribus ad apicem ramorum filiformium 1—3, pedunculis calyce longioribus; sepalis ovato-lanceolatis acuminatis acutis carinatis, margine parce glanduloso-ciliatis} capsula ovato-acuminata calyce longiore; seminibus testaceis nitidis. Q — An eadem ac species antecedens? — Crescit in collibus aridis prope Granatam.
 5. *L. MUCRONATUM* Bertoloni, Nov. commentar. acad. Bonon. V. 428. — Glaucescens: foliis caucibusque anguste lanceolatis, mucronatis; corollis calyce triplo longioribus. 2l. — Caulis suffruticosus, teres erectus, vel ascendens. Folia alterna, anguste lanceolata, parva, mucronata, integerrima, sessilia, basi utrinque uniglandulosa. Flores in lacemo terminali paucifloro foliato brevissime pedicellati. Calyx longiusculus,

- foliolis lanceolato 1 in can bus , acuminato mucronatis. Corolla calyce triplo longior, flava. Stimuli stilos superantia. Tota planta glabra, glaucescens. — Ciescit 11 npiis Euphiritis fluvn.
- 4 L. *VLIJUM* Kotschy mss. in Boiss. Diagn. pi orient. nov. VI p.27. — Perenniglabrum glaucum cmlibus herbareis duns albidis sub uigul itis incurvo adscendentibus, basimmlis, dein p irce lamosis foliosis, folus spaisis sessilibus eglandulosis obovatis oblon^is breviterque Imceolatis obtusis, marine anguste albido sub Icnte scabns, floralibus Inn III Iiiceolatis, liifloiescentia dichotome cymosa laxissima pauciflora, flonbus miMiis, III dichotomic loigms, «t secus lamos brevissime pedunculatis, sepalis lanceolato hneanbus acutis eglandulosis, margmc membranaccis, corollie sympetalae calyce duplo lon^ions petalis albis apice rotundatis, unguibus basi sejunctis, stjhs elongatis stimmi multo supeiantibus, stigmatibus c>linducis, capsula subsphaerica longiust ule acummata, calyce dinudio bievioire 2|. — *L. leucanthum* diffVrt biacteis setaceis folisque radicalibus rosulatis. — Crescit inter sc^etcs in collibus piope Sclura/, m Persia austi ill ad Ispilnn
5. L. *PERSICUM* Jioiss 1 t — Basi suffutirosum multicaulo dumosum glabium caulibus vn^itis ere(tis n^idulis, supeineparce rimosis simplitibu&ve, folus sparsis paucis parvis sessilibus lmeari lain eol itis canaliculatis subiccurvis, basi eglandulosis glaucescentibus glabris, summis hneaibus squamifoimibus, flonbus cymaium aboitu solitirns termmilibus, ranus 1—2 Uteralibus, bie^issimt> pt<lunculatis, sepths a basilanrcolifi late maiginata acumin ito setae* is papillm < ill itulis, cacttium glibns, corolla plus dim id 10 bievioribus, petilis oblongo spathulatis inter se subconnexis albis, stylis stimma non aequantibus, sti^m itibus capitito clavatis, capsula globosa acuminata calyce brevioire 2J. — A. *L. leucant ho* dillut folus radicalibus non rosulatis.— Crescit in ronvaPibus id ladices moitit Kuh DamaPeisiae australis.
6. L. *RAMOSISSIMUM* Gay, Flora Ch!lena I 403. f (necWillkomm). — Ramoslssimum folus piucis lmeariibus acutis subngidis alterms aut ranssime oppositis, flonbus modicii, calyce duplo lon^ionbus, capsula globosa. — Ciescit in provincus Clulensibu8 septentrionalibus.

III. REIXWARDTIA *Dumou.*

(Dumort. Enumer. 19. — Planchon III Hook. Lond. journ of bot. VI 593)

Pistillum in floie pentamero 3 — 4-merum. Petala intus supra unguem ligulis 2 denticulifoimibus appendiculata — Frutices in peninsula Indiae orientalis et in Nepalia spontanei: loliii lanceolatis penninerviis magis minusve conspicue serratis; stipulis minutis membranaceis caducis; pedicellis cymosis v. subsohtariis bracteatis.

Sectio II. *IUGONIEAE* Linn.

Petala 5 nuda. Stamina 10 fertiha. Fiuctus (ubi notus) uncamentdcccus, loculis aborta monospermis non septulatis. Albumen non paicum.

IV. (5404). *IUGONIV* Linn.

(DC Prodr. 1 522. — Wlprs. Repert. 1. 366.)

Petala membranacea; glandulae disci 5 staminibus extus adnatae. Stigmata semicupulatd. — Frutices Indiae, Africae tropicae insularumque Ma&carensium incolae scandentes: foliis alternis pennincrviiis senatis nunc pube tersibili sericeis v. incanis; stipulis indivisis v. in lacinias subulatas sectis; corymbi terminalis pedunculis 2 infimis in uncis spirales conversis.

1. H. *PLANCHONI* Hook. fil. in Hook. Icon, plant. IV. tab. 777. — Ramis petiolisqu® fenugineo pubescentibus, folus lanceolato oblongis cuspidatis, utnnque acutis renio tiuscule serrulatis glabns nituhs, ngide chartaceis, pulchre leticulato venosis, stipulis bracteisque pinnatipartitis, lacinus subulatis, cymis axillanbus brevibus 3—5 fl° ns, stylis staminibus longionbus. ^ — Species distincti&sima et piilchemma , .^{^l^si}

Smeathmamlas referens Frutex scandens. Cirrhi mparte infuore ramulorum alterni, none nulli. Ranuili angulati r unique subteretes, cicatrlnbus stipulirum alb is notiti. folia sat conferta alterna, 3 — 5% poll, longa. 10 — 20 lin lata, petiolo vix 2 lin. longo. Mipulae ob lacunas subulatas conspicuae, bracteis conformes. Sepalorum pars in alabastro externa subsencco lufescens, parte tecta glabia mtida Petala flava aiipuste vel latiuscule cuncata, st imimbus st>h&que longioia. Bacca sicca globosa, *Piso* subiequahs mucronata, talyci Mibaequalis.— Ciestit in Africa tiopica occiden t ili Si na Leono.

V. DIRAXDKI *Planchon.*

(Planchon m Hook. Loud, jouin of bot VI. 504)

Petala (nondum explicata) crassa; glandiilae dihei nullae; slyli linea antica stigmatici.— Frutex? vel arbor? in Nova Caledonia crescens ex Mccatione leviter nigrescens ecirrhosus glaber: foliis alternis serratis lutidib glabris penninerviis; stipulis minutis; cor^mbis terminalibus.

VI. ROICHEIUA *Planchon.*

(Hook. Loud, journ of bot VI. p. 141. t. 2)

Calyx 5-partitus, laciniis erectis, aestivatione marginibus imbricdtis. Petdla 5 angu^te obovata flabelldto-venosa tenera iugatia, aestivatione convoluta. Stamina 10, alternation breviora intlusa, filamentis complanato-subulatis, inferne in tubum connexis, antberis ovatib bilocularibus, oculis rima introrsa dehiscentibus. Glandulae 10 lutescentes, in annulum substantiae tubi staminei innatum contluentes. Ovarium ovatuin, '6—o-loculare, oculis sub apice anguli inteini IV — 2-ovulatis. Ovula anatropa collateralia pendula Styli 6— b hliiformes Stigmata cuneatobiloba. Nucula biibexsurcd, 5 vel abortu 6 — 1-loculaus. Semina (*in*-. matura) compressa, perfecta forsan alata, in versa. — Frutices Guyanen⁴ ses et Indici, elegantes glabernmi. Folia alterna, di&tiche patentia, in petiolum angiibtatd oblongo-ldiiceolala, obsolete vel conspicue glanduloso-serrulata, junioia, moie *Etyluoxyh* vel *Ilumuu*, in gemma nuda inargine utroque involuta, evolutione semiperacta in longum 6-plicata, vernicosolucida, axillis resiniluis, marginibus glandulis nunutisbimis caducis obsitis. Nervi laterals nunc innumeri striifoimes sibi invicem paralleli, e nervo medio angulo fere recto patentee, versus marginem folii in nervulum undulatum connexi, nunc inter se magis distantes, alterisque crasiubculis rectis, tenuioribus commixti*, interdum pauciores, cuivato-ascendentes, venis transversis conuexi. Stipulae laterales hberae minutae caducibhimae. Fasciculi axillarei vel foliorum casu nudati, densissime contracti, inter flores sessiles bratteolati, rarius corymbuli in paniculam brevem teiminales collect!; ram is compressis, hinc illinc confertiuscule divisus, pedicelli breves, cito ebracteati. Flores pallide flavi.

1. R. CALOPHYLLA Planchon I c 142. J- t 2. — Foliis oblongo lanccolatis, acute cuspidatis, tenuis&ime serrulatis, nervis lateralibus btiifoimibus, fascicuh florum petiolo 2 — 3-lineari vix longionbus — Crescit in Guiana Anglica.
2. R. GRIFHIHUNA Planchon I. c. 143. \ — Foliis lanceolatis, abrupte acumlatis, obtuse seiratis, nervis secundarus paucis arcuatis, fascicuh pauciflons brevissimis, in axillis foliorum vel secus lamulos denudatos compressos ses&ihbus, nucuhs ovatis, abortu umloculaiibus monospermis. • — Crescit in Indlae superions provmcia Khasya inter 20° et 26° lat. bor. non procul a radicibus montmm Himalaya.

f *Sloribus ignotis.*

3. R HUMIRIIFOLIA Planchon 1. c. + — Foliis oblongis, in petiolum vix polhtarem decurrentibus breviter acaminatis, margine cribpulo obtuse «errulati&, pamcuhs terminalibiifi, folio breviorfbus; raims rompresso angulatis, pedicelhs brevissimis nodi

formibus, nuculis ovitis nigro coerukis, multistri itis, cilyu minuto persistenti in
suis utihus — Formae duae exstant prima folns apice obtusis, acuminat brevis, ab
rupto compluato, sph in lato t< rmutatis utnque p illidis, alt era folns in acumen
longiusculum ai utum si nbim products subtub fuscis — Crescit in Cayenna

Sectio III INISADLNIL it Planthon I. c. 594.

IMala seeub un,uib an^uhti faciein inteinam lamini vntieili ippendiculat i Stamuii o
ftrtilia dcentu ulis tutidem btenlibub interj < tis Glindulae disci prieter unam valdo
ivolutum duasve iniiiutis majon ranus uljei tas pi me defu lentes Sti^m ita semieu
pulat i Capsul i oculis ebeptatis abortu monosp rmis Linbrj o in axi albuiniis trectus.

VII. (5053/.,) ANHADI.MI Wall

(W III < it no J510 — Endl Gener pi p 1420 — Mei n Gener pi Comment p <>
— Fiul Hgnsbrgi Dnks<hrftn III 171 t 3 — Wlprs Hepert I 259 — Plarichon in
Hook Loud journ of bot VI 5)4)

I A SAXATILIS Will 1 t — Hi/1 1 c — Wlprs 1 c — Jlerbi in montibus N
paint indigent iliui mate subtubeioso brevi perennans, hibitu qu dammodo *Tnenta
lulu*, folns versus ipu • in caul is bimpus ipproximatis dteinib lanceolatis , mar,inc
crassiusculo subupando sciratis penninerviis, bubtub pilis simuicibus adpie&sis al
bido berueis, stipulis seanosib majusculis m rvosib tadueis, lacemo bpieiformu ter
minali multiloro, sepulis subfelumaccis line iribus nenosis, secus m ivo& mar,inales
~~planduba~~ stipitatis urisenatis, more *Plumbayims*, ouiatu — Nepalid

Ordo XXII. MALVACEAE Juss.

p)T-Prodr r 42J — VVlprs Reput 1.290 If 788 V 88)

Tnbus I. MALOPEAE Endl.

5267. MALOPL Linn

(DC Prodr I 420 — Wlpris. Reput I 290 V. 88)

1. M. INDICA Wght Icon plant t 1051 — Folns simpheibus obovatis cuspidato acu
minatis A. — Crescit in India ouentali (Neilghemes)

Tnbus II. MALVEAE Endl.

5269. LAVAT&RA Linn.

(DC Prodr. 1. 438. — Wlprs Reput. I 290)

- 1 L (*Olba*) THIRKEANA C Koch, Linnaea XIX 58 — Cano tomentosa caulib
erectub ramosus, folia aeque longa aclata, obtusiu&cule quinqueloba, inaequahter
cTenato dentata petiolata, pedunculi calycem duplo superanteb, involucrum tnpaiti
turn, ralyce paene duplo minus, Iacinus subrotundis apiculatis, calycis laeu
ovato triangular* s plus duplo minores, quam petala profunde obcordati, ad basin
tenuata yillosaque, carpidia (immatuia) ex medio stria elevata instruda 2\ ? — Cre
scit in Asia mm ore beptentnonali
- 2 L MAURITANICA Duneu, Revue botanig II 436 — Exploration de 1 Algene (Bot)
t 69 fig 1 — Annu erecta ramosa, pilis stellttis tota dense tomentosa folns cor
dito orbiculatis, repando 5—7 lobu», pedunculis axillanbus pautis, imolucn tri
partiti fohohs oblon,ois obtusis, dentibus calycims tnan{ulanbus acutiusculis, fructui
incumbentibus eumque non totum sed medio liberum tegentibus, earpellib dense i
gregatis, pubescentibus, doiso piano tonvexo leticulato rugoso, margimbus eltA I
acutis latenbus conca\iu«>culis, flabellatim costato nervosis, receptaculo depress

cormo, haud • v»c»to. © — Caulis unil vel bipedalis. Petala violacea, basi satulatiore — Crescit in Algeria littorali.

5270. ALTHAEA Cuv.

(DC. Prodr. I 43b. — Wlprs. Repeit I. 201. II. 788)

1. A. (*AUhaeastrum*) AUCHEKI Boiss. Biagu. plant onent. nov. VI. 28. — Tota mdu mento si< Hato leproso densissimo pannosa cauhbus erectis heibateis angulatis erassis, folus petiolo ea aequinte v«*l supermte suflultis, supeine rujosis, subtus pio mineuti m \OSIS, inrerioribus obsolete quinquelobis, lobis brevissimis, terminali majou* aruto, supremis subtiianguhnbus iidmsis, omnibus margine deenticulatis, stipuhs parvis sublineanbus deciduis, iloiibus axillaribus solitariis peduntulo petiolo brevioresuflultis, Involute Hi Sputiti latius lineanbus <alyce bievionbus, calyce is partitio mbus ample tuanganbus acutiusculis, petahs roseis (roreis?) retusis calyce duplo longioribus, carpellis tomentosis secus facies contains radntim obsolete lugosis dorso Lonvexis. Λ — Crescit in colhbus ad la< um s ilsum Nemek Dejhd.
2. A. (*Alcea*) MFMCANA Kn/c. Liniica XX. 51. et 404. — Caule stricto folnsquc stellato pilosis liispidis, folds cucullitis irregulariter crenato dent.itis, uifinonbui cordato subrotiuidib, 7 lobafis sive 7 fidis, supeiionbus tuneatib tulobis, suminis oblongis bractcifornubus, pedunculis axillaribus solitanis umfloiis, bupenonbus laxe spicatis, omnibus calyce brevioibus, cernuis, uivolucro Ofido, talari suhaequ.ih, petahs» emai^uatis, ungue villosis, sti^m Uihus denbis, carpeUoruiuniaiguiibusobtu&iu&culis. 2]. — Planta or^yahs et altior, habitu et Hoium coloie A. *roscae*. DiUeit ab ta et ab A. *Canbata* praeter foliorum formam uivolucro ^) Ado, stigmatibus den&is uec dif futtis. — Ciescit in Mexico.

i Iconcft uddendae.

- A HIRSUTA L. — (DC. I t. 437. no. 5.) — E\ploiation de l'Al^erie (Hot.) t. b^l hg 3.
V. LONGULOKA Uoiss. (Kepeit. I. 291. no. 4.) — Explor. de l'Algeria (Hgt) t u^< fip' 2.

5271. **MAI.VA Linn.**

(DC Prodr. I. 430 - Wlprs. Rpert. I. 292. II. 788. V. 88)

1. M. (*Muloatrum?*) NEILGHERITENSIS Wglit. Spiuleg. Neilghen I 15 I. IG. et I^on. plant, t 050 — Annu, undique pilosa lamis ditfusis buban^ulatis, folis» longe petiohtis suboibiculan tordatis quiuquelobis, lobis ovatis obtu&is duplicato seiratis, flonbus nuinciosis in axillis foliorum dense aggre^atii, mvolucelli calyce bievions folioli^ an^uste liutan lanceolatib acutis, calyce subinflato quinqiiepartito, lobis ovatis acutis trineiviis, corolla rosea calyce duplo fere longioie, petalis profunde emarginatis, caipellis circiter denis, ad angulos coirugatis, pubcsceutibus 0 — Ciesrit in montibus JSilagiucis.
- i M. (*Maloa&trum?*) MEVICANA S. Scbauer, Linnaea XX. 724. f — Erecta, undique tomento denso btellato canescens folus longe petiolitis 3—5 lobis, lobih ovatis acutis maequaliter crenato senatis, paniculis axillaribus multiflois confertis spicaeformibus sessilibus petiolum subaequantibus, corolla calycem vix excedente, caipulus laevibus. — Crescit in jMexico enca Zimapan.
3. M. (*Mulvastmm?*) UEHRIANA Schlehtd. Linnaea XX Mi. \ —• Pilis sit llati^ magitudine diversis scabnuscule folds longe pt^dolatis, profunde ooidatis sub&eptemlobis, lobo medio productiore, lobis omnibus obtusis iieegulanter cienatis, flonbus axillanbus pedunculatis, calyce exteriorie tnsipalo, sepalis late ovahbus acutis, infine connalis, calycis inteioris sepalis longioribus ultra medium conjunctis, paite hbeia late trian^ulan, petalis late emarginatis, calyce triplo longioribus, fructu. . . ? — Cies* it in NovaHollandia austiah ad tl Murray.
- 4 M. (*Maloahtrum?*) UELLOA Gay, Flora Clnlena I. 204. ♦ t 7. — Herbacea caule prostrato sulcato, pube pilisque stcllatis vestito, folus mollitir dense stellatim pubescentibus, longe peliolatis, infenoiibus rotundis, 5—7 lobatis, lobis paium lacimatis, supeiionbus 3—5 piofunde incisus, dentibus cal>cius coiolla duplo longioribus. — Ciescit m Chili in reglonibus mantimis piacseitim ad Huentelauque.

6. *M. (Bismalva) ILUJLOUA* L. Koch, *Luuiaea* **XIX**. 58. — Pilosus caulis longior pilosus, infirne exsculptus, folia longe petiolata, pance latiora quam longiora quinqueloba dentata, lobis acutis, flores solitarii, raro bini, pedunculus petiolum arquant, flores vix superans, phylla involucri lanceolata, calyce multo nullo, lacinae calycis ovato acuminatae, dupli corolla maiores, petala obcordata. — Crescit in Asia meridionali septentrionali.

† **Icon addenda.**

M. VERTICILLATA Linn. — I. Motley in Hook. Lond. Journ. of Bot. VI. 237. t. 7.

5272. SPIRALIS St. Hil

(Wlprs. Repert. I. 206. II. 789 — *Malvae* sect. III. DC. Prodr. I. 435)

1. *S. CHILENSIS* Gay, *Flora Chilena* I. 2)3. f — Pubescens subvittis foliis suboblongis lobatis, grosse dentatis stellato pilosis, pedunculis axillaribus brevissimis unifloris 4—5 aggregate, floribus laxo spicatis f)

var. *J. viridi luteola* subglabra, foliis membranaceis inciso dentatis.

Crescit in Cordilleris Chilensibus provincialibus septentrionalibus.

5275. PALOMA Cav.

(DC. Prodr. I. 442. — Wlprs. Repert. I. 297. II. 798. V. 90)

1. *P. PROSTRATA* Monc. *PI. nouv. ou rares d'Amér.* 119. t. 72 — Fruticosa tomentosa prostrata in foliis hastato quinquelobis acutis serratis pellucido punctatis, floribus solitariis terminalibus luteis, calyce extenore polyphyllis plumoso, interioribus longioribus, ciliatis bituberculatis — Crescit in Brasilia in dumetis prope Japira et in provincia Alagoas
2. *P. LEMNIFLORA* Monc. 1. c. 120. t. 73 — Fruticosa, pilosa; foliis cordatis longe acuminatis duplicato-dentatis pellucido punctatis, pedunculis axillaribus brevissimis elongatis unifloris, calyce extenore octophyllo, interioribus longioribus, carpellis glabris venoso reticulatis sub apice mucronatis. t) — Hab. circa Uahiam.
3. *P. VARIVNS* Monc. 1. c. 122. t. 74. — Volutosa tomentosa. foliis cordatis profunde quinquelobis, lobis obtusis dentatis in sinibus limbo amplexato superne flexo undulatis pellucido punctatis, pedunculis subunifloris folio longioribus, calyce extenore 8—10phyllo, foliis subulatis, interioribus brevioribus, carpellis glabris reticulatis trispinnatis. t) — Hab. in Hiasia prope Japira in dumetis

Tribus III. HIBISCEAE Endl.

5276. KOFICHTM-ETZKYA PJSI.

(Wlprs. Repert. 1.302. II. 790.)

1. *K. PALMATA* Piesl, *Hot. Bemeik.* p. 19. — Caule erecto paniculato, ramis, petiolis pedunculisque setis horizontalibus hispido, foliis cordato subrotundis, palmato triquadralobis, supra pubescente stellata minuta setisque simplicibus, subtus pubescente stellata minuta et setis stellato radiatis hispidis, lobis acuminatis mucronulato dentatis, stipulis setaceis erectis, pedicellis petiolo longioribus, calyce erecto pubescente et setis radiatis hispido — Crescit in Mexico ad Acapulco.

5277. HIBISCUS Linn.

(DC. Prodr. I. 446. [E]cl. sect. 2. 3. 6.10. 11] — Wlprs. Repert. I. 302. II. 790. V. 91)

1. *H. (Bombicella) SYLVATICUS* Benth. *Plant. Hartweg.* p. 114. no. 639. — Suffruticosus, pilosus foliis inferioribus profunde 3—5 lobis, superioribus ovatis internodiis lobisque trifloris acuminatis acute dentatis membranaceis utrinque pilosis, pedicellis folio paulo brevioribus, involucelli foliis linearibus acutissimis calycis lobos acuminatos superantibus. 2j. — Affinis *H. phoeniceo* et *U. betulifolia*, ab utroque tamen distinctus, folia majora, grosse et acute dentata, membranacea, utrinque vix, acuta

- mine acutissimo. Peduncul 1%—2-pollicares, medio articulati. Calyces et capsulae major a quam in *H. phoeniceo*, involucellis multo longioribus. Capsula pilosa, columnina central* persistente. Semina lana involuta. — Crescit ad Guayaquil.
2. *H. (Bombicella) I3GRATUS* Miquel, LinnaeaXIX. 143. J — Caule fruticoso aculeato; foliis ovato-trilobis, lubis acuminatis dentato-serratis, medio longiore, utrinque praesertim versus basin in nervis setulosis, petiolo parce aculeato et antice setuloso; pedunculo axillari solitario petiolum superante pubescente, setuloso et aculeolato; involucii phyllis plerumque 10 linearibus. ^ — Crescit prope Paramaribo juxta rivulum in Surinam.

f **Icones addendae,**

- II. *GRÓSSULARIAEFOLIUS* Miq. — (Wlprs. Repert. V. 92. no. 7.) — Hook. Bot. Mag. tab. 4329.
- II. *MOSCHEUTOS* Linn. — (DC. Prodr. I. 450. no. 51.) — Lindl. Bot. Regist. 1847. t. 7.

? 5277/r **BOMBYCODENDRON** Zolling.
(Bsskrl. Flora [B. Z] XXX. 660.)

Involucellum 6—10-phyllum. Calyx *Dccaschistiae*, corolla *Hibisci*, tubus stamineus columnaeformis, apice quinquefidus₇ germen *Paritii*, capsula ejusdem fere, semina *Bombicellae*.

1. *B. GREWIAEFOLIUM* Zollinger ex Hsskrl. I. c. — *Hibiscus grewiuefol'ms* Hsskrl. — Wlprs. Repert. V. 91. no. 2. — In Java insula.

5279. **FVGOSIA** Juss.

(Wlprs. Repert. 1. 307. V. 92.)

1. *F. HACKEAEFOLIA* Giordano. — Hook. Bot. Mftgaz. t. 4261.
2. *F. HETEROPHYLLA* Spach. — Hook. 1. c. t. 4218.

5281. **AHELMOSCHUS** Medik.

(DC. Prodr. I. 448. 449. — Wlprs. Repert. I. 308. V. 92.)

1. *A. *ANCULOSUS* Wall. — Wlprs. Repert. I. 309. no. 16. — Wght. Spicilcg. Weilherr. 1. 16. t. 17. et Icon, plant, t. 951.

TribusIV. SIDEAE Endl.

5288. CRISTARIA Cavan.

(DC. Prodr. 1. 458. — Wlprs. Repert. I. 313.)

1. *C. ANDICOLA* Gay, Flora Chilena. 317. f. — Ramosa viridi-luteola, adpresse stellato-tomentosa: foliis longe petiolatis ovato-lanceolatis acutis inciso-dentatis subpannatis, superne crispis aut rugosis, inferne venosis, 15 l'm. longis, 8 — 9 latis. — Crescit in Chili ad Coquimbo.
2. *C. INTERMEDIA* Gay 1. cit. 319. f — Glabriuscula: caule tereti decumbente; foliis glabris, rarissime ciliatis pinnatipartitis, lobulis obtusis incisibus grosse dentatis, petiolis striatis; floribus magnis; calyce hirsutissimo. — Media inter *C. glaucophyllam* et *multifidam*. — Crescit in Chili ad Coquimbo.
3. *C. ASPERA* Gay 1. cit. 320. f — Parce stellato-pilosa: caule erecto ramosa; foliis asperis subpiniatim-sectis, segmentis linearibus incisibus subacutis; stipulis longe ciliatis; calyce hirsute — Crescit in Chili ad Coquimbo.
4. *C. OVALLEA* Gay 1. cit. f — Aspera: caulibus patentibus: foliis pilis stellatis asperis vestitis tripartitis, segmentis cuneatis inciso-dentatis obtusis; floribus minutis; calyce pubescente; carpellis ala membranacea duplo brevioribus. — Crescit in Chili ad Coquimbo.
5. *C. MULTIFLORA* Gay 1. cit. 321. — Caule erecto crasso glabriusculo subnudo-, foliis palmatim 5-partitis, segmentis lineari-ovatis pianatifulis insiso-dentatis, parum setosopilosis, duplo triplove petiolo brevioribus; stipulis linearibus lanceolatis ciliatis; flo-

- ribus miiiutis; calyce pubescente; alls carpella subaequantibus. — Crescit In Chili prov. Coquimbo.
- U. C. VIUDF-LUTEOLA Gay 1. cit. 322. ☼ — Erecta rigida subleprosa viridi-luteoJa : foliis longe petiolatis glabriusculis aut densisslme pilis stellatis brevibus tomentosis, pinnatipartitis , segmentis obtusis inciso - dentatis, petiolis canaliculatis ; calyce pubescente. — Crescit in reipublicae Cliilensis provinciis centrulibus.
7. C. VIKGATA Gay I. cit. + — Caule erecto glabriusculo suhsimplici paucifolios.. foliis parum stellato-pilosis longe petiolatis, Inferioiibus rotundatis 3-)]urtititis, lob is obovatis laciniato-dentatis obtusissimis, superioribus magis minusve elongatis 6-partl-tis, lobis lineari-laciniatis dentatis obtusis; floribus magnis; calyce hirsuto. — Crescit in rt:ipublicae Cliilensis provinciis centralibus.
8. C. ELKGANS Gay, Flora Chilena 1. 325. f — Gracilis: caule subnudo glabriusculo ramoso ; ramis patulis ; foliis longe petiolatis digitato-3—5-partitis, segmentis irregulariter pinnatifnlis, lobulis linearibus obtusiusculis intcgris aut parce dentatis; floribus In racemum laxum dispositis; calyce subglabriusculo j alis carpella subaequantibus. — Crescit in prov. Chilensi Copiapo.
9. C. GRACILIS Gay I. cit. 320. f — Gracilis minuta: foliis longe petiolatis cordato-rotumlatis, inolliter tomentosis, irregulariter inciso-dentatis acutis aut obtusiusculis; floribus paniculatis, panicula divaricata; calyce piibescente j alis oblongo-lanceolatis, carpellis subminoribus. — Crescit in prov. Cbilensi Copiapo.
10. C. SPINOLAE Gay 1. cit. f — Hirsute-viscosa: caule crasso rigldo suberecto ; foliis viridibus ovato-subcordatis inciso-dentatis, parce titelkto-villosis, suprioribus petiolo longioribus; calycis laciniis acutis tomentosis', alls carpeLJa subaequaautibus. — Crescit in prov. Cbilensi Copiapo.
11. C. MOLINAE Gay 1. cit. 327. † — Glabrluscula erecta: foliis parce stellato-villosis tripartitis, segmentis oblongis inciso dentatis, foliorum superiorum linearibus subpin-natifidiK; stipulis linearibus subulatis; floribus minutis, longe pedunculatis; calyce pubescent^; ala carpellis multo minore. — Crescit in provinciis Chilensibus septen-trionalibusT
12. C. COUDATO-ROTUNDIFOLIA Gay 1. cit. 328. -j- — Ascendens villosa-tomentosa Incana: foliis pannosis, utrinque tomentoso-villosis, rotundato-cordatis obscure 4 — 5-lobatis crenulatis, subtus venosis; floribus parvis, in racemum terminalem dispositis; stylis circiter 7; fructibus caducis; alis rotundato-oblongis, carpellis duplo aut triplo majoribus. — Crescit in provincia Chilensi Copiapo.

5289. SI DA *Kth.*

(DC. Prodr. 1. 459. [Sect. 1.] — Wlprs. Repert. I. 313. II. 792. V. 93.)

§. 1. *Carpellis birostratis,*

1. *S. ANOMALA St. Hil. — Wlprs. 1. c. I. 317. no. 42.
8. *Mexicana* Moricand, PI. nouv. ou rares d'Amerique 36. t. 24. — Caulibus suffruticosis subsimplicibus; foliis erect is linearibus basi cordatis, apice tridentato obtusis, superne dentato-serratis, supra glabriusculis, subtus pilosis scabris, petiolo recurvato apice geniculato; capitulis involucreatis, involucri foliolis linearibus; coccis apice birostratis rugosis submuricatis. — Hab. circa Tampico de Tamaulipas.
2. S. CAMPEsmiS Bnth. Plant. Hartweg. 113. no. 634. — Annu, erecta: caule pubescente et piloso-hirto; foliis inferioribus ovatis subcordatis, superioribus ovato-oblongis basi truncatis crenatis; pedicellis subgeminis petiolo longioribus; carpellis subdenis birostratis. — A *S. rhombifolia* et *S. anr/ustifolia* diTert pube stellata longiuscula subviscida, pilis longis simplicibus patentibus in caule petiolisque intermixes, et foliis inferioribus latis; a *S. pilosa* carpellis denis nee quinis, nee cum ullis aliis descriptis omnino convenit, etsi pluribus affinis. Folia pollicaria. Pedunculi saepius 2 inaequilongi, superiores approximati. Calyces magnitudine *S. rhombifoliae* pubescentes. — Crescit ad Guayaquil.

1. *S. DIVERGENS* Benth. Plant. Hartaveg. 114. no. C35. — Fruticosa, ramis tomentosis, f. Ins amplis late cordato tnatiss. .ummatis intermms, Mipri minute puhutilis, subtus « mo tonientosis, pamcula ampla la\i subnudi, < ai p< His .1, rostris elon^atis diver_tntibus. — Irutex paryus hah it u *Wusadulis* similis et praesertim *W. nudiflorae*. 1 <ilu loigiuscule petioldti, 4—5 poll, longi, lloialia sessilit, nifima bipollicana, suprema ad hractcas minutas reducta. Pedicelli filiformes, elongiti. Calxes puivi, hdiiiiis latis obtusis. Petala calyce duplo longiora. Cocci matuutate distmcti, sub luuVluscentes an^ulati, angulo mteiiio acuto, externo in rostium eloigatum incurvum biparlihilem producto, 2 latenlihus ohtusis. — Crescit ad Gua>aquil.
4. *Jj. TENUH UJLIS* Hook. fil. in Iransict. of the Linn. soc. XX. 2M. - Caule erecto ramoso lignoso, rim is puberulis giacilibus parce foliosis subilexuosis, stipulis subu litis, foil is p<tiolitis linean oblongis, utnnque rotundatis subduplicato-cienato-ser ratis, supra (bit ntite) hiunntis, subtus cams, reticulatim venosis, peduntulis axil I iribus folio br<vionbus, loins cal^cims acutis, carpelhs sub 4 calyce omnino in ilusis, oblique ov iit> acutis bidentatis, obscure tiansvcise reticulatis monospermis — Crescit in .Tames Isl md.
5. *S. HLITORMIS* Moru. Pl. nouv. on rar. d'Am. 38. t. 25. — Caulibus diiTusis Alifor mibus rimosissimis piuinoso pubescentibus, folns pirns obiongo vel lanceolato cor dads crenato dentatis, stipulis subuiatis patulio, peduntulis petiolo longionbus, car pellis 5 monospermis ni^osis bimucronatis. — Hah. cnca Tarn pi to de Tamauhpas.
- ▷ *S. COMPACFA* Gay, Hora Chil< na I. J29. \ — Confcitissima piloso tomentosa ra dicihus crassis, folns denMssime imbrn »to spissis spathulatis 3—4 lob itis, lobulis grnsse crenatis, stipulis lineanbus elongatis, calyce urceolato 5 dentato pilosiusculo, petahs obo\ato rotundatis integns, ad andiophorum adnatis, stylo8fido, carpellis b—8 birostrttis pilosissimis. — Crescit in Chili in lordillens Palvadeiensibus.
7. *S. NKtiLKCI* \ Pass emu, Selectus sem. in hoi to regio bot. Parmensi aim. 1847. coll. — Caule fruticoso erecto, fnhis ovato elliptitis crenatis, basi leviter tordatis, subtus albido vclutims, pedicellis folia subaequantibus umfloris, carpellis otto culji e hie vioribus, breviter bicoriubus monospermis t) — flores aurei. — Crescit.....7
8. *S. ANTHEMIDIFOLIA* Remy, Ann drs sc. natui. (3 Ser) VI pag. 350. — Acaulls: caudice crasso diviso hypogaeo, fulus bipinnatisectis, petiolo piano setoso, floubus sessilibus, pedunculo cum petiolo coalito, cal>ce pubeiulo quinqut'dcntato, coiollae lobis obcordatis. — Planta humilis vix % pollicem ad superficiem terrae «lata villosu. Rhuoma crassum divisum subterraneum, apice foliorum exuvus uiceolatum. Folia bipinnatisecta uuum pollicem lon^a pubesc< ntia, laciius interns lincanbus obtusis nutronulatis, p< tiolus bast dilatato membianaceus, dense setosus. Holes sutura peduncuh cum folio infra medium petiolum sessiles sohtain, basi bractea bina, sti pulis in petiolo productis formata, linean Integra acuta pilosi stipati Calyx pube rulus quinquedentatus, dentibus subaequahbus. Corolla quinquelobata, lobis ob tordatis emarginatis vel obtuse crenatis. Columnastamimfera mclusa. Stigmata apice clavata 8—12. Carpella tot quot styh distincta, apice atummato bifida, doiso dense setts longis munita uniovulata Semina remformua gUbia lievia. Embryo rectus homotropus, cot^ledones plauae. — Crescit in Bolivia ad nurgmes >iarum prope Potosi et Oruro.

§ 2 *Carpellis muticis,*

9. *S. PYGMAEA* Remy, Ann. sc. nat. (3. Ser.) VIII. 238. f — Pusilla hiisutissima: foliis remforimbus obtuse lobatis, stipulis acutis basi petiolo adnatis; calyce ovato subquinquefido, lacinus obtusis, pctalis obovatis emarginatis glabns, inferne in tubum basi inflatum coadunatis, ovano senceo. — Crescit ad Laguna de Potosi, alt. 4200—4300 metrorum.

f **Icons addenda.**

- S. (NUTTALUA) GRANDIFLORA* Paxton. — Moiren, Ann. de la soc. bot. de Gand Ul. 433. t 117.
- S. VIII* OLIA Cavan. — Hook. Bot. Magaz. t. 4227.

5291. *MALVACEAE* Linn.

(DC. Prodr. I. 440. — Wlprs. Repert. I 322)

1. *M. RUDIS* Buth Plant Hartweg p. 164. no 915. — Caule hispidissimo, folus anguste ovatis bubitqualittr dentatis, utrmque Inrsutis floralibus extenonbus cordato buhremformihus, durum rapitulis piduiitulatis luspidis, 1 icitius talycinis arutib qu tin (ocu paullo bicvionbus \)i \i — rftuttx (v heiba perennib) biped ilis, fulu quani in cictens sp« cibu& angubtioi i, Mitc_piior i 1 — P/j pull, lou^a, 6—8 lin lata, pilis loni& subadpiesMS v« stita. Stipulie bitaceae. Lapituli pleraque longiubcule pi duntulata 1 olia lloialu 3—4 exteriora arapla, basi utnnque lobulu bttaceo (stipula) aucta 1 Ion & nia^amtudiie *Paomue spim/ien*, Stamina, btyli, ovula tt frutiua oinniü > *Malachrue* — Inter Yillita et Cuaduas, prov. Uu_Bota.
2. **M. OIHC1NALIS* kltzath. Dot. Ztitung IV. 107. — Species uideacripta.

5292. *ABUTILON*.(Wlprs. Repert. I. 323. II. 793. V 95. — *Sidae* sect. 2. DC. Prodr I. 467.)

1. *A. DLPAUPER* \i7M nook M. m Transact of the Linn, soc. W.232 — Pubstciih raniib teictibus vugatts li_eiiosis cintreis albu maculatib, folns spaisis petiolttis k« curdatib aculis obtuse crenatis conaceib, utnnque velutmis, veins leticulatis, beuion bus rugobis, buperue scabcrulis ferru^aineib, pedice li& Intvibus — 3 Uoiib, calyc« late cimpanulato rufo feirugineo, begmentis obtusib i corolla talyte bib longiore, carpellis 5—(», b< minibus 3—5 2j. — Citsdt in Charles Island
2. *A. UWPHYLLUM* td,^artb Iransut of the Linn soc. X\ 35 — Folns coidato ovatis icuminatib cren ito dt ntttis, pedic< His unitlous, calycib laciniis acuminatis carpellis b—8 vix caJ>ce Jongioribub, btainiibub bievibstme monadCjphis 2j. — *Su*(frutex , ramib tcretibub ,labrib pubebcentibub vel pilosis. Folia longe petiolata tor ditoovata, joa^aib nunusve gio&se crenata, crcnato dentata bive dmtata, velutina k< dol) apicem versus piloso, infra- pubestente vel glabro. Calyx 5 partitub velutinu** I tennis acuminatis capbulab fructiferas fere acquantibus Corolla lotita majustul i tiava {y_z—2 polliccs in diametro lata). Stamina in < olumnam bievibsunam fornitatam pilosam Lountxa, filamtntib bupra longis liberis filiformibus, antlieris equitautibu^l* reniformibus *Styli* 0 — 8 lon_oi. Carpel la 0—8, 4—5 sprcuia velutiua , sutui tantum pilobo tiliata, in cornu bieve rectum divancatum producta Senuna ^lahr rugo&a parce verrutoba. — Afñne *A. polyundro*, a quo dilfert taljce longiore. — "Crebcit. ...
3. **A. RAMOSUM* Civ — DC. Prodr. I. 469. no. 124.
ft. vilutinum nee piloso vuco&um Ed^avvrth L cit. 3d. — Difftrt pubescentia velutina a planta Afrcana (secundum d^bcriptionem a Guillerain et Pciottet in *Florae Senegambiae IentaniiiiL*), quae vibcoba, ct a specimimbus koidofams, quae piloba suut. — Crescit in rudeiatib provmciae Suhind, Ululchapper etc.

Genera *MALVACJEA* indescripta.I. *AMSODOXTEA* Prsl. (Bot. Bmrkngn. p. 18)

1. **A. DREGEANA* Prbl. 1 c — Drege, PI. Cap. no. 7323 — Prom bon. spei.

II. *KIALOROPSIS* Prsl. (Bot. Bmrkngn. p. 19.)

2. **M* (*MALVA* Lnk. & Otto. — Wlprs. Repert. I 284 no. 25) *A NO MALA* Pisl I^L

Ordo XXVII STERCULIACEÆ Vent.

(Wlprs. Rept. bot. syst. I. 329. II. 739. V. 93. — DC. Prodr. I. 475 & 481.)

5312. *IIOHERIA* A. Cunn.

(Wlprs. Rept. 1.331. V. 97.)

1. 11. AXGUSTIFOLIA Raoul, Ann. sc. nat. (3. Ser.) II. 122. — Ramls gracilibus, novellis incano-tomentosis; foliis lineari-oblongis obtusis grosse serratis in petiolum brevem attenuatis; floribus solitariis axillaribus; petalis oblongis pubescentibus reilexis; carpellis glabris cribratis, cristis horizontalibus. \) — Crescit in Nova Zeelandia.

5316. *IIELICTERES* Linn.

(DC. Prodr. I. 475. — Wlprs. Rept. I. 332. II. 794.)

- I. H. INVOLUCRATA Moric. Pl. rar. ou nouv. d'Amer. 100. t. 63. — Decandra: ramls, petiolis foliisque subtus pilis brevissimis stellatis ciliereis pulverulento-tomentosis; foliis subrotundo-ovalibus, basi inaequaliter cordatis, apice breviter acutis subduplicato-serratis, supra pilis stellatis sparsis punctatis*, pedunculis bifloris; calycibus cylindricis pulverulentis quinqueeditatis basi stipulis latis integris eis multo brevioribus involucratis; petalis calyce longioribus dilatatis; gynophoro sulcato pilosiusculo calyce duplo longiore; capsulis tomentosissimis spinuliter contortis. ^ — Crescit in Brasilia circa villa di Barra."

5316/., *ORTHOHELUM* flosskrl.

(Hsskrl. Tijdschrift voor naturl. Gesch. X. 1. 186.)

1. * O. (*QELICTERES* Blume) *VISCIDUM* Hassk. Tijdschrift voor naturl. Geschiedn. X. 1. 135.
% * O. (*IIELICTERES* Blume) *JAVENSE* Hassk. 1. c.
3. * O. (*IIELICTERES* Blume) *HIRSUTUM* Hassk. 1. c.

5318. *REVEESIA* Lindl.

(Wlprs. Rept. I. 334.)

1. * R. *THYRSOIDEA* Lindl. — Wlprs. 1. c. — Hook. Bot. Magaz. t. 4179. — Van Houtte, Flora dr. Gwchshsr. III. t. 206.

Ordo XXVIII BUTTNERIACEÆ R. Br.

(DC. Prodr. I. 481. [excl. sect. I.] — Wlprs. Rept. I. 336. II. 795. V. 107.)

Tribus I. *LASIOPEALEAE* Gay.

5323. *GITICHENOTIA* Gay.

(DC. Prodr. I. 489. — Wlprs. Rept. * 1. 336.)

- I. H. *MACRANTHA* Turczan. Bullet. de Moscou XIX. 500. — Pedunculis 1— 2-floris; bracteis tribus alternis, a flore remotiusculis; capsulis intus glabriusculis. — Frutex *G. ledifolia* tenuior, magis ramosus, in omnibus partibus tomento brevior et minus copioso tectus, foliis fere duplo longioribus, pauciflorus, sed floribus magnis, illos *G. letifoliae* multoties superantibus. Convenit cum illa foliis ternatis linearibus,

margine revolutis, hntamim iunero, antherarum forma et dehfacentla, stylo, capsu lib tnotulanbus, numero seminum, eorumque forma et btrophlola evidenter ad hoc ,ntub pertintt — Crescit in Nova Unllandia.

5324 TIIOUIASIA *Gatl.*

(DC. Piotlr I ISO. —YVlpis Repirt I 33') II 7'Jj. V. 107.)

- 1 III IIULOKI Turczan. Bullet, de Mostou X\ 500. — taule ramoso glabro, rainis mndlis stellato luvpidis, foliis viridibus trilobis, lobo medio longiore, supra tomento btllato laro adbperbis, aubtus ftre glabns, stipulis semiovatis obtu&is, peduntulig terminalibus tt lateialibus gracillibus 2—4 flons, folia multotitb buperantibus, calyte IOSULJ hmc hide fabtitulis pilorum tttto, filamentib sttnlibub petalisque nullis, ovano tomentoso. — *Tk. ijlabralae* Sttud. affms, sed dilTert foliis semper trilobis' lift 5—7 Iobis Pcduinuli bipolhr ires et ultra. Calyj es amoene rosei. Bractea* lingulatae colore nnpis intdi&o et densius 6tellato-toineiitoj>ae. — Crestit in Novi Uoll iidin
- 2 III HUGOSA Tunzan. 1 c. 501. — Caule ramoso ramisque steNato'tomento&l&, fo Ins a I tern is ov ttis sulxoidutis obtu&is incifto lobatis, supra vindibus ru^osissimib ,puntis ekvitis bctbn&, 6ubtus tomento stellato flavido ad ntrvos rufescente tectis , < dunculis foili at qu intibus aut parum exctd< ntibus billons, petals nullis, stinuni' bub bt nlibus liucau oblon^is, ovano dmse tomtntobo — l'edlcelli brevbibimi bratteac oblon^at apuc vlx dilatata< cum t.ilyte coeruh bcente pilis btllatis satis dense tettae. Antlu rie in ignac tordatae fil incuta superantos, stamina stenlia lun gituilme fllainentorum ftrfilium. — Crestit in Nova Hollandia.

5326. CORETIIIOSTVLIS *End!*

(W Iprs. JUpert. I. 337. V. 1J0.)

- 1 C PARVIFLORA Turc/an Hollet de Moscou XX. 172. — Foliis cordatis inciso lobatis, supra pilft stellatib, subtus pube molli pilisque btellatis ve&titis, racenus axillanbus toiiipobitis folio subl>rtvionbu&, latimis calycims linean oblongis acutib K n< allx> tomentosis, pilis ^tdlatis nnjonhus nuxtis, anthens sessilibus h___' S)>.M<S inter *Lastopetaleas* insignis flonbub minuti8,acongeneribu8 foliis mcibo lobatis dibtinctibsimi Fill sti llati radiis lon^iustulib rufis, non solum folia tt calycem, sed eti im tiulem, petiolob et p< dunculos dense tegunt. Ratemi congebt, flonbus tamen manifeste etiami brevisbime pidicellatis. Diacteolae in nitdio ptdicelli sunplices minutae. Lacunae talyunae mtus basi macula mgra notatae. ___ Crestit in Nova Uollandia octidental prope George of Murray.

5327/a. DITO^IOSTROPHE *Turcz.*

(Iurtian. Iiullet de Mobcou XIX. 498.)

Calyx quinquepartitus, basi bracteola tripartita cinctus, laciniis multi nerviis. Petala 5 rhombea mucronulata parva. Stamina 5 petalis oppo- sita, antheris oblongis, poris duobus oblongis apite dehi¢ibus. Ova- ria quinque in unicum connata, ovulis duobus in singulo. Stylus filifor- mis, basi parum incrassatus puberulus, caeterum glaberrimui>, stigmatē minulo terminatus. Capsulae quinque, angulis centralibiis conn'atae, late- ribns liberae, dorbo ad medium longitudinaliter deliifcentes. Semina duo ascendentia, angulo interno affixa oblongo-reniformia, ad basin sinus stropliola bipartita cincta, ope rhapsis cum chalaza in altera extemi- tate sinus sita juncta.

1. D. ANGUSTIOLIA Turc^ 1. c 499. - Frutex grutilis ramosus ramique teretes cor tice fubcescente obducti, verbus basin glabn, ad apicem tomentosi. Folia alterna li neana, apite callosa, margine revoluta, supra punttis elevatis s<abra, subtus lomento albido stellato, squamulis rufestentibus mtermixto, ttcta Stipulae semihastatae con sistentia foliorum atutiusculae. Pedunculi oppositfoln sohtani 1—2 flon squamu loso tomentosi. Floies majustuJi, strarainei In sltco. Calyx vesiculosus ad medium

quinquepartitas, laciniis 9—11 nervis reticulato-venosis. Petala basi attenuata atrocoerulescentia parva, tamen majora quam in plenis calycibus. Stamina sinubus calycis breviora. Antherae filamentis longioribus eorum rulesecentes. Fructus stellato-tomentosus. Semina in loculis plerumque 2, rarius solitaria, altero imperfecte evoluta aut omnino deficiente. Strobilula perlatim affixa, in 1 loculo sita lineares duas, basi sua longiores divisa, unde nomen. Genus *Sarotidi* affine, stylo non scopiformi et foeculentis antherarum diversum. — Crescit in Nova Hollandia.

Tribus II. *BUETTNERIACEAE* DC.

5329. *COMPLANATA* Forst.

(DC. Prodr. I 480. — Wlprs. Uept. I 337 II 703 V HO)

1. *C. CRISPA* Turban. Bullet. de Moscou XIX. 501. — Folium alternis oblongo ovalibus inciso lobatis undulato crispis, margine revolutis, utrinque stellato tomentosus, stipulis cuneatis, in lacinis filiformes perlatim dimisis, pedunculis ad apicem caulis oppositifoliis lateralibusve, petiolum aequantibus, 1—2 lines, petalorum appendice lateobovato obtusa, stylis basi distinctis, apice concretis. — Fructus parum ramosus aut simpliciter, cortice fusto verrucosus, basi glaber, caeterum uti tota planta tomentosa. Folia parva pollite breviora et stipulicartum utiitudinem non attingentia. Calycis lacinae ellipticae obtusae glaberrimae albae, tubus purpurascens tomentosus. Petala basi lata subovata, margine involuta cucullata, in appendice obovata desinentia alba, filamenta breviter, antherae didymae, nuda transversim lata debite. Capsulae setis filiformibus plumbeis dense obductae. — Crescit in Nova Hollandia.
2. *C. PULHELLA* Turczan. 1. c. 502. — Folium alternis ovatis inciso lobatis intergris (sive obtusis, margine revolutis, utrinque dense stellato tomentosus, stipulis linearibus indivisis, pedunculis oppositifoliis 4—8 floibus corymbosis, folia aequantibus, appendice petalorum late ovata, staminibus basi distinctis, apice concretis. — Fructus semipedalis praecedente *C. crupa* gracilior migisque ramosus. Caulis basi glaber, versus apicem cum petiolis tuboque cylindrico tomento stellato rufo obductus. Folia minuta 3—4 lineis longiora, 1/2 lineae lata vix, basi ad marginem et in costa dorsali rufo tomentosa, ad apicem et in limbo fere glabra. Petala alba, margine duabus velleis notata, cum appendicibus calyce parum breviora, appendicibus latioribus quam in praecedente. Capsula inaequalis. — Crescit in Nova Hollandia.

5331. *BUTTNERIA* Loeffl.

(DC. Prodr. I. 486 (ex p.) — Wlprs. Repert. I. 339. II. 79G. V. HI)

1. *B. PARVIFLORA* Benth. Plant. Hartweg. 114. no. 641. — Ramulis aculeatis puberulis mox glabratibus, folium ovatis acuminatis serratis, basi rotundatis vix cordatis, supra glaberrimis, subtus tomento tenui canescentibus, petiolis clavis fasciculatis multifloris paucifloris, calycis laciniis ovato lanceolatis, appendicibus filiformibus nuda. — Frutex 8—10 pedalis (subscandens?). Folia petiolata, 2—3 pollinibus longiora, 1—2 pollinibus lata, nervo medio subtus supra basin glanduloso, venis acutis, foliola parva, lanceolata. Pedunculi versus apicem ramorum ad axillas foliorum illic complures, (3—7) fasciculati, 4—5 lineis longi, tenues, pubescentes, umbella 6—10 flora terminati. Corollae lacinae ovato lanceolatae, filamenta longae, acutae, puberulae. Petala basi cuneata, aunculis divaricatis acutiusculis, appendice filiformi calyce duplo longiore vix ac ne vix supra medium incrassata. Fructus aculei breves conici. — Crescit prope Guayaquil.
2. *B. BREVIPLIS* Benth. 1. c. 115. no. 642. — Ramulis aculeatis puberulis mox glabralis, folium caulibus subcordato ovatis breviter et obtuse acuminatis integerrimis subdentatisve, ramulis lanceolatis acutis vix puberulis, pedunculis axillaribus subgeminis brevibus paucifloris, appendicibus apice elavatis. — Frutex 4—5 pedalis, lanus divaricatis. Folia 1—1 1/2 pollicana, supra punctis conspersa et ad nervum, basi puberula. subtus praesertim ad venas pilosula, nervo medio umbelliformi (uloso) et lanter aculeis.

leato. Petioli 2—4 lin. longi. Pedunculi communes 1—2 l'm. longi, floribus in umbellula 3 — 5. Caiycis membranacei laciniae lato-ovatae, ncutae, fere $\frac{1}{2}$ lin. longae. Petala basi cuneata, cuculla crassiuscula, auriculis rotundatis, appendice lineari, basi dilatata, apice in clavulam ovoideo-oblongam acutam incrassata. Fructus non vidi. — Crescit prope Guayaquil.

Tribus III. HERMANNIEAE DC.

5336. WALTHERIA Linn.

(DC. Prodr. I. 492. — Wlprs. Repert. I. 340. II. 790.)

1. W. RETICULATA Hook. 01. in Transact. of the Linn. soc. XX. 231. — Ramulis divaricatis pubescentibus; foliis cordato-ovatis acutis, infra praecipue reticulatim venosis, marginibus crenato-dentatis crispatis, utrinque appresse velutinis tomentosis; floribus in axillis foliorum 3—5 subfasciculatis, breviter pedicellatis; calyce oblongo obtuse quinque-dentato; petalis spatulatis, calyce dimidium longioribus. \) — Crescit in Chatham, James et Albemarle Islands.

5338. RIEDLEIA Vent.

(DC. Prodr. I. 490. — Wlprs. Repert. I. 343. II. 797. V. 112.)

1. R. RAMCJLIFLORA Miquel, Linnaea XIX. 132. — Pubescens: foliis ellipticis vel obovato-ellipticis breviter acuminatis, basi plerumque acutis dentato-serratis, supra praesertim in nervis parce pubescentibus sensim glabratis et scabriusculis, subtus tomentosis; corymbis cymosis abbreviatis axillaribus foliosis vel nudis; calyce urceolato globoso 5-dentate dense incano-pubescente. — Crescit in Surinam.

5340. HERMANNIA Linn.

(DC. Prodr. I. 403. — Wlprs. Repert. I. 344.)

1. H. DRÉGEANA Prsl. Bot. Hemerk. pag. 20. - Differt ab // *althaeifolia* ramis praeter tomentum albidum non hirsutis; foliis cordato-ovatis albido-tomentosis, subtus rugosis; stipulis multo minoribus quamquam petiolo aequilongis; bracteis lineari-se-taceis; calycibus laxo tomentosis. — Crescit in Promontorio bonae spei.
2. H. LEUCOPHYLLA Prsl. Bot. Bemerk. p. 20. — Foliis ovato-oblongis crenatis, basi rotundatis cauleque albido-tomentosis -, stipulis lanceolatis acutis petiolo brevioribus; bracteis lineari-lanceolatis; calyce tomentoso insignis. ^ — Folia supra tomentella, tomento minute adpresso. — Affinis *H. molli*, differt calycibus globosis nec campanulatis etc. — Crescit in Promontorio bonae spei.
3. H. PUNCTATA Prsl. Bot. Bemerk. p. 21. — Ramis teretibus foliisque junioribus punctulato-tomentosis; foliis cuneatis retusis argute serratis, adultis supra glabris aut glabriusculis, subtus hirsutis; stipulis oblongo-lanceolatis acutis, folio duplo triplo brevioribus; calycibus globosis inflatis punctato-tomentosis. \) — Crescit in Promontorio bonae spei.

f SPECIES INDESCRIPTAE.

4. »H. ARGYRATA Prsl. Bot. Bmrkngn. p. 20.
6. *H. SUAVIS Prsl. I. c. 01.
6. *H. DIVERSISTIPULA Prsl. I. c.
7. *H. BRACTEOSA Prsl. I. c.
8. *H. IGNESCENS Prsl. I. c.
9. *H. TRIPARTITA Prsl. I. c.
10. *H. LEUCANTHEMOIDES Prsl. I, c. 21.
11. *H. ZEYHERI Prsl. I. c.
- J2. »H. ANTHEMIDIFOLIA Prsl. I. c.
13. *H. TERNIFOLIA Prsl. I. c.

In Promontorio bonae spei.

5341. JORDANIERNIA Linn.

(DC. Prodr. I. 496. — Wlprs. Repert. I. 347. V. 112.)

- 1, * M. GLANDULOSA Prsl. Bot. Bmrkngn. 22. — Species non descripta. — Crescit in Promontorio bonae spei.

GENUS DUBIUM, FORTE AD EUPHORBIACEAS PERTINENS.

5341/j. *ACIIXOSTYLIS* Turczan.(Turczan. *Bullet. de Moscou* XIX. 603.)

Calyx pentaphyllus, foliolis in aestivatione duobus exterioribus, duobus mediis et quinto centrali, villosus. Petala quinque obovata glabra calyce minora, disco hypogyno annulari margine villosissimo, tubum stamineum cingenti inserta. Stamina quinque in tubum cylindricum, ovarium arete ambeuntem connata, apice libera, fertilia monanthera. Antherae biloculares ovatae longitudinaliter dehiscentes. Ovarium cylindrico-conicum trisulcum, triloculare? Styli tres lineares simplices villosissimi. — Frutex humilis ramosus, praeter pedunculos et flores glaber: foliis alternis, breviter petiolatis, cuneato-oblongis penninerviis reticulatis interstitiis; pedunculis axillaribus aggregatis brevibus unifloris, floribus parvis. — Genus dubiae affinitatis, ad *Hermanniacas* accedit staminum indole et numero, sed plurimis notis, praecipue vero aestivatione calycis abhorret.

1. *L. CAPENSIS Turczan. 1. c. J) — Crescit in Promontorio bonae spei.

Tribus IV. *DOMBEYACEAE* Rth.5348. *MELIANIA* Forsk.(DC. *Prodr.* I. 400. — *Wlprs. Repert.* I. 349. II. 798.)

1. M. LEPRIEURII Webb in Hook. *Niger Exedit.* p. 110. t. 4. 5. — Hooker, *Icon. plant.* IV. tab. 753. 755. — Caule fruticoso erecto ramo; foliis ovalibus rotundisve serratis, utrinque velutinis, junioribus approximatis breviter petiolatis; floribus axillaribus terminalibusve brevissime pedunculatis solitariis, rarius geminatis; involucelli triphylli unilateralis foliolis linearibus; staminibus 10—15; capsula globosa brevi villosissima. — *Brotera Leprieurii* Guillem. & Perr. — Crescit in *bt*, ilago iusula ad Cape Verd.

5353. *KVDIA* Jixb.(DC. *Prodr.* I. 500. — *Wlprs. Repert.* *1. 351.)

1. K. ROXDURGHIANA Wght. *Icon. plant.* t. 881. — Arborea poiygama: florum fertillum involucello 4—5-phyllo, foliis primum obovatis obtusis calycem subaequantibus, ilemum auctis anguste spathulatis; filamentis brevibus basi coalitis, sursum liberis j stylo stamina superante, stigmatibus magnis dilatatis; floribus parvis, tubo purpureo, limbo pallide roseo. — Crescit in India orientali.
2. *K. CALYCINA Rxb. — DC. 1. c. no. 1. — Wght. *Icon. plant.* t. 879. 880.

Tribus V. *ERIOLAENEAE* Am.5355. *IFICROCHLAENA* Wall.(Wlprs. *Repert.* I. 351.)

- I. *M. QUINQUELOCULARIS Wght. & Arn. — Wlprs. 1. c. no. 2. — Wght. *Icon. plant.* t. 882.

Ordo XXIX. TILIACEAE *End!*

(*Tiliaceae* Juss. & *Elaeocarpeae* Juss. — DC. Prodr. I. 503. & 519. — Wlprs. Repert but. *ays>t.* I. 352. II. 798. V. 115.)

Subordo I. *TILIACEAE VMHAM Eidl.*

5360. **HANSELTIA** *H. B. Kih.*

(Wlprs. Repert. I. 332.)

- I. H. PUBESCENS Inth. Plant. Hartw. p. 164. no. 9²⁰. — Rimulis folisque pubescentibus; inflorescentia tomentosa. \) — Frutex v. arbor parva, habitu, foliorum forma et inflorescentia // *floribunda* similis, sed pube vestita, In ratuhs foliorumque pagina inferiore copiosa brevi molli, in pagina superiore rariore, In inflorescentia calycibusque tomento. Folia quam in // *floribunda* saepe angustiora et praeter nervum marginalem tenuem domo raro evanidum 3- ncc 5-nervia, basi pariter biglandulosa. Panacula brevior, flores minores, albi. Ovarium bidoiulare. — In descensu a Guaduas ad Honda.

5362. DASYNEMA *Schott*

(Wlprs. Repert. I. 352. II. 798. V. 115.)

- I. D. (ADENOBASFUM) OKTUSUM Moric. Pl. Nouv. ou rares d'Amer. 83. t. 53. — Foliis obovatis obtusis cubemarginatis, obsolete crenatis glabris. \) — Crescit in Brasilia prope **Baliyam**.

5369. SPARHIANNIA *Thunberg*.

(DC. Prodr. I. 503. — Wlprs. Repert. I. 353.)

- I. *SP. PALMATA E. Meyer mss. ex Prsl. Dot. Bmrkngn. p. 19. — *Vrena ricinocarpa* Eckl. & Zeyh. — Wlprs. I. c. I. 297. no. 8.

5370. **CXAPPEITONIA** *Meisn.*

(Wlprs. Repert. I. 354. — *Uonkenya* Willd. — DC. Prodr. I. 506.)

- I. CL. FICIFOLIA Dene, in Deltas. Icon, select, pi. HI. 1. t. 1. — Folds ellipticis v. lobatis dentate, subtus tomento fulvo vestitis, foliis 4—5-meris roseis. \) — Crescit in Seaegambia.

5371. CORCIORUS *Linn.*

(DC. Prodr. I. 504. — Wlprs. Repert. I. 354. II. 798. V. 117.)

1. *C. ACUTANGULUS Lam. — Wght. Icon, plant, t. 739.
2. •C. HUMILIS Wght. & Arn. — Wght. I. c. t. 1073.

5372. **TRIUNIFETTA** *Plum.*

(DC. Prodr. I. 506. — Wlprs. Repert. I. 355. II. 799. V. 118.)

- I. TR. DIVERSILOBA Presl, Bot. Bemeik. p. 20. — Folds cordatis; utrinque velutnif quinquelobis serratis, lobo terminali angustato elongato, lateralibus rotundatis, serraturis inferioribus callosis; calycibus apiculatis pilosis. — Figura singulari foliorum ab omnibus speciebus facile differt. — Crescit in Martinica iusula.

5376A. GLYPHIAEA *Hook. fil.*

(Hooker, Icon, plant, tab. 760.)

Calyx ad basin quiquepartitis, laciniis oblongis, aestivatione valvatis deciduis. Petala anguste lanceolata sessilia, basi nuda. Staminibus

plurima hypogyna, filamentis gracilibus, hand complanatis, antheris basi-
iixis immobilibus erectis linearibus, connectivi angusti productione bre-
vissime apiculatis, loculis duobus laterali-introrsis, apice rimula brevi
(poriformi) introrsum dehiscentibus. Ovarium subsessile (gynophoro
saltern haud conspicuo), in stylum apice acuto stigmaticum attenuatum,
abortu (?) triloculare, loculis ad angulum internum superposite pauci-
ovulatis et inter uvula contracto-interruptis, inde in locellos superpositos
uniovulatos divisos. Fructus subcapsularis (?) fusiformi-oblongus, verti-
caliter pluricostatus, mesocarpio crasso arde suberoso, locellis monosper-
mis paucis (pro carpello singulo 2—3 uniseriatis), endocarpio cartila-
gineo subindehiscente limitatis, columella in fructu forsitan non sponte
irregulariter fracto in fila soluta. Semina ad medium anguli interni lo-
celli cujusvis peritrope inserta, transverse late oblonga anatropa. Em-
bryo in axi albuminis rectus, cotyledonibus semini conformibus, haud
crassis, facie plana sibi invicem applicitis, radícula exserta lineari-ob-
longa versus hilum directa. — Frutex Africae occidentalis tropicae, facie
et vegetatione *Grewiac*, ramis virgatis. Folia alterna disticha petiolata
lanceolata cuspidata, remote et inaequaliter repando-serrata vel denticu-
lata triplinervia, caeterum penninervia, rigide membranacea glabriuscula.
Stipulae caducissimae. Umbellae 3—4-florae pedunculatae, saepius op-
positifoliae, nunc axillares, basi ebracteatae, bracteolis ad basin pedi-
cellorum caducis. Flores lutei. — Genus distinctissimum, a *Grewia* ne-
quaquam removendum, invito defectu glandularum unguis petalorum et
gynophori staminigeri.

*1. <JL GREWIOIDES Hook. fil. 1. cit. — Ramuli, petioli pedicellique pube parca
stullata sparsi. Folia variant lanceolata vel late elliptica, basi subcordata vel acu-
tiuscula. Pedunculus umbellae* uni — bipollicares. Pedicelli 5 — 12 lin. longi. —
Crescit in Sierra Leone, Insula Fernando-Po et in Senegambia.

5376/2. ADENODISCUS *Turczan.*

(*Turczan. Bullet. de Moscou XIX. 504.*)

Calyx pentaphyllus, foliolis linearibus, aestivatione valvatis. Petala
quinque hypogyna linearia, apice appendiculata, calyce breviora eglan-
dulosa. Stamina plurima stipiti brevi crasso, glandulas 5 petalis oppo-
sitas gerenti inserta; filamenta filiformia; antherae didymae, dorso af-
fixae, biloculares, longitudinaliter dehiscentes. Ovarium sessile angula-
tum biloculare multiovulatum. Stylus filiformis, stigmata duo minuta
acutiuscula. — Frutex: foliis alternis petiolatis ovatis acuminatis serratis,
serraturis inferioribus glanduliferis, uninerviis venosis, in axillis nervo-
rum venarumque barbatis, caeterum glabris; floribus in panícula termi-
nali numerosis luteis, basi truncata subintrusa.

I. *A. MEXICANUS *Turczan. 1. c. 1* — Crescit in Mexico in monte Oaxaca, altitudi-
ne 3000 pedum. Affinis *Delosiae*.

5376/9. HEXAGOKOTHECA *Turczan.*

(*Turczan. Hullet. de Moscou XIX. 505.*)

Calyx quinquepartitus, laciniis ovatis, aestivatione valvatis. Corol-
lae petala 5 hypogyna, calyce longiora oblonga, basi lata, aestivatione
convolutiva. Stamina numerosa, stipiti brevi crasso insidentia; fila-
menta filiformia) antherae dorso affixae biloculares ovatae, longitudina-
liter dehiscentes. Ovarium in disco sessile hexagonum, e carpellis 6-
li basi adhaerentibus 4-ovulatis constans. Styli duo in unicum utrin-
que bisulcum arete connati, stigmatibus bidentato. Fructus....? — Arbor
in frutibus: foliis alternis cordatis acuminatis 7-nerviis scabriusculis, subtus

in nervis tenuiter tomentosis, saepe inaequilateris; stipulis nullis; panicula terminali ramosa; floribus inagnitudine *Tihae plalyphyttue*.

1. [#]H COKDATA Turczan. 1. c. — ^{^?} tj? — Crescit in insulae Lusoniae provinciae Balangas.

Subordo II. *XEiAEOCAB&MAMi Juts.*

5384. *tfXAfcOCAHIMJS Llnn%*

(DC. Prodr. I. 519. — Wlprs. Hepert. I. 363. II. 800. V. 120.)

1. E. ATROVIKENS Zoll. et Mor. System. Ver[^]eichn. der von H. Zollinger auf Java gesammelten Pilau/en pag. 26. — Tolas ovatis integerrimis obtuse ai um mat is, basi rotundatis, floribus racemosis axillanbus subiuitantibus, calyce 5 sepalo aestivatione valvan, petalis 5 apice fiinbnatis, stamimbus numerosis in setas duslnentibus. — Flores albi. — Crescit in sylva prope Jasin[^]a m msula Java.
2. E. CUMINHll Zollinger, Bullet, de Moscou XIX. 491. — loins late lanceolatis vel ohovato lanreolatis, basi an[^]ustatis acuminatis, obtuse serratis, glabrfs, racemis multiflons densis, folia superantibus, petalis intus ad basin parti pubeiuhs ciholatis, caeterum glabns, anthers iniheibibus hlamenta aequantibus, glandulls reniformibus profunde bilobis ovanouqi* tomentosis. — *E. nxtido* propinquus, racemis numerosioribus et lon[^]ionibus, floribus majonibus et in racem < opiosionibus, petalis fere glabris et glandularum forma dignoscitur. — Crescit in Lufoiua msula.
3. E. JAPONICUS Zolling. et Cumin,; 1. c. 492 — I olus in petiolum attenuatis cuneato oblongis, acumitie obtusissimo tcrmmatig, obtuse serratis glabns, racemis folia aequantibus cernuis erertisve, petilis fere glabns, v\\ margine ciliolatis, anthers imberbibns filamenta brevissima tn[^]lo superaiitibus, glandulis remfornubus ovanoque tomentosis. — Crescit in Japoma.
4. E. DIOICUS Zolling. et Cum ing I. c. 493. — Folds ellipticis vel obovato oblongis, remote serratis obtusis glabns, floiibus dioicis, masculis decandris, ovano aboitivo minuto subbilubo, anthers imbtibibus filamenta brevissima multoties superantibus glandulis confluentibus apice barbatis, drupis umlotularibus monospermis, putamine piloso-echinato. — Crescit in Japoma.
5. E. DENTA1US Ilaoul, Choix de plantes de la Nouvelle Zelande pag. 25. — FollllB obovato oblon[^]is acuminatis dentatis, supra mtidis, subtus reticulato venosis subsericeis, racemis simplu ibus axillanbus laxis. — *Dicera dentata* Forst. Vulgo *Uinan*. — Crescit m Nova Zeelandia.
6. E. CUNNINGHAMI Itaoul 1. cit. — Ramuhs teretibus cortice ni[^]rescentl vestitis, novellis subsericeis, folns obovato oblongis, obtusis vel emarginatis, obsolete dentatis, supra nitidis, subtus reticulato venosis petiohsque subincano-senceis. — Crestit In Nova Zeelandia.

5385. ITIOXOCERA *Jack.*

(Wlprs. Repert. I. 364.)

1. *M MUNROI Wght. — Wlprs. 1. c. 365. no. 7. — Wght. Icon. plant. Ind. or. t ib 952. et SpiciJ. Neilgherr. I. 17. t. 18.
2. M. MACROCERA Zolling. et Cummg, Bulletin de Moscou XIX. 494. — Fohis cuneato lanceolatis obtusis glabns repando serrulatis, racemis erectis-6 — 7-floris, p<*> extus pilosissimis, intus in ungue lamina plana auctis, caeteium fere glabris, glan[^]j'lis confluentibus, setis antherarum antheras exced[^]ntibus, ovano senceo tomentoso < v — Cortex ramorum minus quam in *M. lanceolato* Hassk. rugosus. Serraturiae f^olo rum callo nunuto mgro ternunantui. Pedicelli elongati, bractee (in specimin> delapsae. I^l lores *M. lanceolatae*, sed majores, 8 lin. fere in diametro. — Crestit > Malacca peninsula.
3. M. ISOTRICHIA Zolling. et Cummg 1. c. 494. — Fohis lanceolatis acuminatis, i^{ac} quahter serratis glabns, racemismultiflons folio brevionibus erectis, floribus ceii<ui> petalis extus scabnuscuhs, intus vdhs longis aequaliter vestitis, linea media P^{ar}

incrassata, setis antherarum brevibus; glandulis disci 5 distincti ovarioque sericeo tomentosus \) — Cortex rorum cernuus laevis. Petioli 7—8 lin. longi, limbus tripollicans. Racemi ruciter 20flon, fluibus parvis linearibus. Stamina 20. — Crescit in Luçoniae provincia Albay.

- 1 M. MULTIFLORA Zolling et Cumm 1 c 405. — Folis lanceolatis acuminatis, inaequaliter serratis glabris, racemismultifloris folio vix brevioribus flonibusque erectis, petalis 9—5 fidis, extus senceis, subtus dense pilosis, in medio lamina longitudinali t rirrosa auctis, glandulis disci 10, setis antherarum brevibus, ovario fere glabro. \) — Glandulae disci 10 aut forsàn 5, quarum centrum disco immersum, non conspicuum et extremitates tumidae uti ghnduiae di&tmctae apparent. *M. tootnehae* habitu pro\ima et \i\, neglrectis characteribus a partibus flons sumtis, distinguenda. — Crescit in Luçoniae provincia Albay.
- 5 M HOLOPLTALA Zoll et Cumins 1. c. 496. — Foliis oblongo lanceolatis lanceolatisve at uminatis, remote it minute seirulatis glabris, racemis folio longioribus multifloris, petalis integris aut lateribus dentatis minutis I—2 auctis, extus senceis, subtus medio lamina longitudinali pilosissimis duplicatis, antherarum setis longiusculis, antheris tamen brevioribus, demuni uncinato reflexis, glandulis ovario 10, ovario fere glabro. \) — Distinctissima petalorum forma. Uami fuscescentes laeves. Folia angustiora quam praecedentium. Flonum 10—12-flon. — Crescit in peninsula Malacca.

5386/., AXTIEROTRICHÉ Turczan.
(ruiciana Bullet, d Moscou XIX. 505)

Calyx pentaphyllus, foliolis ovatis, aestivatione valvatis. Petala oblonga calycem duplo superantia, aestivatione convolutiva. Stamina plurima uniserialia, disco brevissimo egunduloso affixa. Filamenta filiformia brevissima, antherae ovaes biloculares, loculis inaequalibus, antico duplo minore mutito, portico in filum setaceum, antheria duplo longiorem producta. Ovarium sessile quincieloculare, loculis biovulatis, ovulis angulo centrali ad basin ovarii affixis. Styli 5 breves. Fructus. ...? — Arbor sen trutex: caule foliisque petiolatis acuminatis, margine subundulatis integerrimis penniuerviis glabris; paniculis terminalibus compositis calycibusque tomentellis, pedicellis basi articulatis; floribus parvis in sicco fuscescentibus. — Genus singulare antherarum structura ad *Elaeocarpeas* et *Dipterocarpeas* vergens, sed stylis liberis ab utroque ordine, disci praesentia ab hisce, disco eglanduloso et petalis integris ab illis recedit, ovulis ad basin loculorum ovarii affixis et calyce omnino piano a *Dipterocarpeis* insuper alienum. Ad *Tihacea** ob discum forte pertinet, sed et in hoc ordine styli semper in unicum concreti sunt. —

- 1 * A LANCEOLATA Turczan. 1. c. 506. — \) — Crescit in Luçoniae insulae provincia Albay

Ordo XXX. CHLAENACEAE Thouars.

(DC. Prodr. I. 521 — Wlprs. Repert. I. 338)

5403. EICHIYPHIA Cav.

(*Carpod(mto\$* Labill. — DC. Prodr. I. 55b — *Eucryphia* Cav. — DC. Prodr. I. 530. — Wlprs. Repert. * I. 36b)

1. E. PINNATIFOLIA Gay, Flora Chilena I. 352. f. t. 8 — Folia imparipinnatis, foliolis 6 nis membranaceis lucidis serratis acuminatis, pedunculis floris brevioribus. \) — *Fagus*, *yluUnosa* Poepp. et End!. Nov. gen. et spec. pi. Chil. II. 68 t 104 — < us<it in Cordilleris Chilenibus ad Concepcion.

5404. HVGONIA Linn, ad UNEA 9 relata est.

Ordo XXII. TERNSTRODIACEAE DC.

(DC. Prodr. I. 523. — VVlprs. Repert. I. 307. II. SOL. V. 129.)

Tribus I. COCIILOSPERMEAE Endl.

(Wlprs. Rupert. I. 37. — Planchon in Hook. Loml. journ. of bot. VI. 303. sq.)

Flores hermaphroditi pentapetali symmetrici vel rarius staminium inaequali evolutione asymmetrici. Calyx aestivatio quincimciatim imbricatus, petalorum convolutiva. Stamina hypogyna indetinita. Filamenta filiformia, apice acutata, basi interdum inter se subconnexa. Antherae basifixae imbricatae, magis minusve incurvae, 2 — 4-loculares, poris 2 apicalibus, saepius in unum confluentibus, vel rimulis duabus anticis, subapicalibus apertae. Ovarium 3—5-loculare, septis versus medium incompletis, margine utroque placentiferis, rarius ad axin ovarii inter se connexis, loculis in angulo interno ovuliferis. Ovula indefinita, funiculis crassiusculis sustensa amphitropa. Stylus simplex filiformis incurvus fistulosus, ore minute denticulato apertus. Capsula loculicida 8—5-valvis, endocarpio papyraceo fragili, in laminas totidem epicarpium valvis alternantes saepius rupto. Semina reniformia, lana bombycina tecta vel calva. Embryo in albumine carnosio, semini conformis incurvus. Cotyledones planae integre, sibi invicem incumbentes. — Arbores vel frutices humiles, imo herbae tubere subterraneo perennantes, per regiones tropicas totius orbis numero specierum paucissimo dispersae. Folia alterna palmatifida vel partita, rarius digitata. Stipulae laterales longe exsertae vel minutae caducae. Racemi terminales, axillares vel gemmae foliatae axillaris evolutione oppositifolii, interdum furcato-geminati vel flexuose subdivisi, rarius regulariter secundiflori; florum evolutione indetinita. Pedicelli basi articulati. Flores speciosi tervi, saepius praecoces. Radix, caules, imo semina immatura succo (gummi-resinoso) colorem luteum praebente scatentes. Petala cryptis, materie oleoso-resinosa repletis punctato-literata.

I. (6403). AMORGVXIA Mop. et 9m.

(DC. Prodr. I. 038. — Planchon in Hook. Loud. Journ. of bot. VI. 140. t. I.)

Calyx quinquepartitus, laciniis oblongis subaequalibus erectis, marginibus imbricatis. Petala 5 obovata tenera fugacia, aestivatione convoluta. Stamina indefinita hypogyna. Filamenta libera filiformia, altius lateris fere duplo longiora et crassiora. Antherae basifixae rectae, dorso et facie complanatae bilocularis, loculis sub apice rimula introrsum apertis. Ovarium ovatum, obtuse trigonum triloculare, placentis axilibus multiovulatis. Stylus fistulosus, ore minutissime denticulato stigmaticus. Capsula ... V Semina reniformia, testa nitida laevi, embryo ... — Herbae Mexicanae et Novo-Granatenses, habitu *Afalvoirico*, e tubere crasso lignoso, superficie irregulari, corticose caulem humilem, basi vix induratum, sub anthesi foliatum exserentes. Folia alterna, longe petiolata, ambitu cordato-orbicularia, digitato-partita, laciniis spatulatis, regulariter subduplicato-serratis, pinnatim venosis; stipulae lineares deciduae. Racemi terminales, demum evolutione gemmae axillaris oppositifolii, vel rarius pedunculi solitarii folio oppositi? (DC.) Pedicelli secund

siemoideo-curvedi bracteati. Kiores quam ei *Cothlospa moturn* minors & peciobi flavi, eos *Bihu stvnae odorac* referentes.

- I A SCU1EDEUU PUnchon I. c. t. 1. a. — ttacem.s paucirtorls, pedunculu setun ihsVubsigmoldeoincurvis, astendeitibus. — Crebtit m M.-\im, intei Mdrant, il et Paso de Oto is, ...c noi. m plaint.-Ibd_o-uensi province Mai.qu.ta, n-gniNovo Grand t,»s,s. — *Euntantht Schuedeana* Uiam. et *bibL-Amnr. palmati/uUi* PIIIIHIUM mss.
2 \ PALMARiilDV Mo_s et Sess. ex DC 1. c. - Plantbon 1. c 141. - Pedm.cuhs bulilanib uiiiOurib oiipiibitifuliib eiectis, apite mileTM. - Ciesut in a[^]io MeMtano.

ir. (5403). C'OCILOM'KlinLili *Knth.*

(Di.Piodr I o₂7. — Wlpis. Repeit. I. 307. — PLanthon in Hook. Loud journ of bot. \1. 30b)

Character fere totus ordinis. Flores symmetric!. Dissepimenta ovaru^{''} ma^l* niinuuve incoinpleta, juxta vel ver&us marginem pUtcntifera. ©e iniiaa laaata.

Subjinitis 1. EUCOCHLOSPERMUM Planchoii 1. t.

Calycis laciniae o\ato-biibiotiindae, aestivatione valdo imbrirntae. Stamina libera. \iltiorae qiadiilocilarob, poro unico apicali apeitaç. Wcmiia reniformia. Arboret. vel irutices humiles, campob apertos ^ an dos, vcl hylvas deciduas amantes, infloiescentiae praecoces, saepius e ratemis ilexuobo subdivibis teiminalibus constantes. Folia palinatilula

1 (. C.OS>YPI(JM DC. I. c. - YVlpra, 1. t. — Planthon 1. c — r'ohis qiimqueloUis, hubtus Una adpressa tamlicantibus, lobi* intern inns uuiiinatis t;— *Bombat Cos iW'UM* Linn *byst.* 517. — Crestit bttus orauⁱ Coioinandeliae, i» montibus. tutais dictib, nee itun ad Ira\antore

> (HMSKH1 Plamhon 1 t. H)7. — 1 Imibus torvmbosts, p.'dwelhs lanusque inlo icMentue \elutino pubescentibus, rtamimilus tdhte gulibieuuribub, anthers pro gencrepaitim. v\ \ ullrd lniMni longis, inpute mftiure doral lloea mipressasuliatib. li — It uui loreutes folus destituti teretes, trebre ile\uosi, tortlcelaevt mb«s« t nl-gllil.ro nil.do ^e.titi. Coiympi terminal* rimi tenu, cncitci J politics lon_oi, iifftiitii* ^lbiati, mo\ bifiuti, ciunbus densiuscule \lutinis. Pedif elh u\ 1 poll, longl. — I lores no *Coihlotp. Gossypii* minoies, diamelio plus quam bipollitan. tahcis, U(i inn' o[^] itae, obtuoae, utrmque pulverulento pubentts, sub antbebi leflrxo pati nles. Pel ili in aptiminebrimdestrutta, ut vidttui, apice obliqua emargindta, bu ulate lh\ d in auⁱ intium «lorem \ergeutia. Antherae fiUmeitib tenuissimis subtnplo Ion n'ior«s, linean oblonjae, levitei anuatie, sulto dorsali exeoium b isi ad medium pro dutto I ipsula generis obovoulea — Ciestit in iisula Mthillubetub oiam boita li-otcidentalem Not it* Hollandiae

, C.TIXIOUIUn PerrottU.—(>Mprs I c no. 1) — PI intlion 1. c 30S—lubin-subten meo trasso, ramib flonftn> palmanbub pi.uconbus aplnllis, live biatttilis, Mcemosepauuttom, ramis foliatis port dcOoiaUonciu evolut.s, fuliib longe petiola t.s iluiiMju.lobib. 2t ~ < restit in babulosis syh it< is i< gm Cajror, juvta N.aial it ^¹Dellout piv IN JJoro, ubi ab intolib vulgo *Fayar* du itur.

4 i . INSIGNE St. Ilil Cambess. et Juss.—(WlpTS. 1. c. no. 2)-PUnclionl. t.308 - 1-olns tonaceis qumqutlolialis, lobis umduplatis, grosbe aigutequ* senatia, mfiniis (i.lult.s) glabnustulis, mternicdiib subtus, bupremib utunque pubescentibus. 1^— l-iutex 2 — U peddhs, floiibus pioiunique ante folia evolutib. Cdulis rectus bubsim ple\, tortite futbo purpurabcente glaluo tenaci deductih, ligno molli albedo, medulla ampU. JStipuUe Ldduude lineaes integernmde, tiliatde. — Ciestit in Diabtlia

> *C IIIHISCOIDEN H B. Kth. Nov. gen etsper.pl VII 174. - PUnchon 1. t.309. - *C serr«UfoUn,n* DC 1. c.527. - IK,teUbachia dlifoUa Mart, et Zurc. Nov. gen. clsp >l Hrisil. I 82.— *Mahurea speema* Unsy in DC Prodr. 1 oo* -llrasilia. «» t PLV>tHOM Hook, fil.mss. ex Planchoii 1.1. 309. - Irutex subaiborescens

6 pedes altus. Petala lutea. Flores 1 — 2 poll diam. 1) — Crescit in campis ad flumen Niger.

Suhgemis II DIPORANDRA Planchon I. c. 310.

Calycis lacinae oblongae, parum imbricatae Filamenta basi irregulariter subconnata (fide Mart, et Zucc.) Antherae apice bipinosae. Somina (immatura a Cl. Martins et Zuccarini in *C Ounoc/isi* observata) in spiram torta. An character in seminibus perfectis obvius? Arbores* Guyanenses et Orinocenses. Folia digitata Inflorescentiae axillares, demum foliorum inferiorum lapsu nudatae; pedunculus basi nudus, mox bifurcus, cruribus secunde et conferte floriferis.

7. C. ORINOCENSE Steudel mss. ex Planchon I c 310 — Foliolis 5 — 0 oblongis acuminatis Integerrimis membranaceis glabris t) — Arbor 50 pedalis Folia basi inaequalia et acuta, Teticulato venosi, veins primariis nervoque medio subtus prominentibus, membranacei glabra, intermedia subpetiollicina et longiora, 2 — 1% poll lata. Capsula pyriformis subpetiollicans trivulvis, valvis interne lineis transversis prominentibus undulatis subdadae notitae Stemma immatura in spiram torta sesquigyrosum — *Wxtelsbachia Onnocensis* Mart, et Zucc 1. c. 83 — *Bombax Onnocense* If. li. Kth 1. c. V. 234. — *Botuto* incolarum Crescit ad ripam Oriuoci.
- 8 C PAHKfcll Planchon I c 310 — Foliolis 5 oblongis obtusis, basi cuneatis attenuatis integris, supra glaberrimis membranaceis, sicuti integris, racemis gemmatis, pedunculo lisdem subaequali, folio breviori sustensis, foliis secus rachidem compressam SHCUIHIS — Arbor? Rami summi herbacei medullosi, squamis stipularibus brevibus tomentosis, in gemmis unilobatis congestis terminati, sparse foliosa hinc illinc rhaclides luflorescentiarum denudatas persistentes erecto pitentes proferens. Petioli supra basin inorassati grinds subteietes, tenuis & imbricati, basi foliorum insertionem in disculum minimum subtus lufolium dilatati, inferiores lufolium terminati. Foliolum terminate 2 — 2½ poll longum, 10 — 18 Un. latum, inflexum 2 plus quam duplo minoribus Nervus medius supra acute impressus, subtus rras&iusculus elevatus, laterales tenues, utrinque prominentes, reti nervulorum tenuissimo, non conspicuo intertexti. Stipulae breves crassae caducae. Inflorescentiae lisdem *Oxalidarnm hedysarutdearutn* plane conformes, nempe pedunculi stricti, supra bifurci, floribus secundis a basi versus apicem gradatim evolutis. — Crescit in Guiana An^lica.
- 9 C. PARVIAEFOLIUM Planchon I c 311 — Foliolis 5 sessilibus oblongis abrupte acumatis acutis integerrimis glaberrimis subvernico&o lucidis virentibus, laevibus late oblongis obtusis, inter se parum inaequalibus, extus appres&e rufo tomentellis, staminibus parvis brevioribus — Folia floresque adsunt a caule dissiti 1-ohola basi subaequali leviter conduplicata, nervo medio lateralibusque supra impressis, subtus prominentibus, textura membranacea, supremum 2½ poll longum, 1 — 1% poll, latum intermedia infimaque gradatim paulo minora. Pedicelli (saltem pars eorum quae fl<>ribus continua) calyce sublongiores, ultra ½ pollicares, apice sensim crassiore subangulati. Petala calyce plus quam duplo longiora, sicca aurea. — Crescit in Surinam*

III. (5405/J. CHINA Aubl.

(Aubl. Guian.— Cruger Linn tea XX. 115.)

Flores abortu polygami. Calyx pentasepalus, sepalis inaequalibus, exterioribus majoribus imbricatis. Petala 5 hypogyna, aestivatione imbricato-convoluta, magnitudine sepalorum. Stamina numerosa in floribus masculis praesertim, in hermaphroditis pauciora, filamentis liberis, antheris subrotundis bilocularibus, loculis longitudinaliter dehiscentibus. Ovarium quadriloculare, loculis uniovulatis, ovulis suberectis, placenta in 1^o culi angulo centrali. Styli 2, stigmata capitellata. Capsula baccata 3 — 4-valvis, 1—4-locularis, 1 — 4-sperma, dissepimentis demum evanidis. Semen sericeo-tomentosum ovario erectura, testa crassa coriacea*

Albumen nullum, embryo orthotropus, cotyledones crassae, radícula minima. — Arboscule Guianensis 10—20-pedalis ramosa: ramis ad nodos compressis; foliis amplis pedalis, stipulis 2 subuldtis deciduis basi instructis, eleganter venosis oblongis acuminatis integerrimis; floribus flavis minutis suaveolentibus in racemulis axillaribus conglomeratis. Fructus flavi, cortice crasso, succo flavo vibcido repleto.

1. G. GUIANENSIS Aubl. 1. c. — Crüget 1. c. — T) — Crescit in insula Tnnitatis.

Tribus II. *TERNSTROEMIEAE* Endl

5411. CLKYKR1 *Thnhrg.*

(DC. Prodr. I. 524. — Wlprs Repert. I. 370. II. 801.)

- I. *CL. GYMNANTHERA Wght. & Arn. — Wlprs. 1. c I. 370. no. 4. et II. 801. no. I. — Wght. Spitileg. Neilgberr. 1.10.1.19. — Ob petal a basi coakta etantheras nudis forte ad *Ternstroemiam* referenda est — Cf. Tulasne, Ann. sc. nat. (3. Ser.) VIII. 326. achn.

5412. I R E Z I E R 1 *Stvriz.*

(DC. Prodr. I. 624. — Wlprs. Repert. I. 370. — *Lettsomia* Rz. & Pav. — DC. Prodr. I. 523. — Wlprs. 1. c.*)

Fructu quinqueloculari,

1. FR. LONCIPES Tulasne, Anmles des sc. natur. (3. Ser) VIII. 327. f — Foliis elliptito oblon^{is} acutis, basi subrotundatis, argute serratis, superne adpresse pilosenceis, tandem glabratis, postice sericeo pilosis, mtide fulvis, petiolo longo marginato, flonbus fasnculatis axillanhus sessihbus, cal>ce corollaque glabris. *l*)—Caljce et corolla *F.senceom* II.B.Kth. seu *Bonplandiunam* lulasne imit.\tur.pnois vero folia majora brevi&time petiol ita suhtusque sordide albentia. A *F. chrysophylla* II.B.Kth. differt folus Utionbub serratis multo lon^{ius} petiolatis, (lonbus majoribus sessilibus, j talyce glahro. — Crescit in agro Bo^{otensi} Novae Granatae ad Salto tcquendama. *^{tr}
2. HI. CANDICANS Tula&ne 1. cit. 328. f — Ramis novellis adprcsae ffenceis allns; foil is ovato oblongis bieviter acuminatis acutis, bisi in petiol um angustato attenuitis, argute serratis, supra glabns, subtus adpiesfie sericeo-pilo&is albidis vel dilute fulvis, pediicllib solitarns gemim&ve pubescentibus, sepahs brevibus nibiculanbus denique glabratis subcihatis, fructu glibro globoso hrevi&sime mucronato *l*) — Cie-scit in monte maritimo Noae Andalusiac, qui juxti Ciratas assurgens Silla dicitur.
3. Ht. DOMUEYANA Tulasne 1. cit. 329. — Harms terctibus alternatim Aeuosis verucosih, uutto piloso tomentos molhbus griseis, tandem nuditis, foliis distiche al terms oblongo lanceolatis longe acutis, basi attenuatis et in petiolum decurrentibus, 10—12 cm. longis, 3 cm. circiter latis integerrimis, antice creberrime (sub lente) et minute tuberculatis bubavenus (venis praeter mediam planam vix perspicuis) et etium in Juventute glabernmis, pohtice contra molliter adpresse longeque piloso senceis dilute rufesLetitibus seu albicantibus tandemque sordide griseis, costa prommente venis reliquis exilibus velatis, petiolo 10—12 mm. longo lato bubplano, subtus griseo sericeo, superne glabernmo, marguubus coruceo membraniccis latis, superne reflexisj flonbus axilhnbus soli tarns v. fascicu latis (2—3 simul) sessihbus. \) — Crescit in Peruvia.
4. ĤR. MACROPHYLLA Tulasne 1. cit. 330. — Ham is teretibus cr.issis, pube densissima brevi seritei molh modice adprcssa, primum fulvo lutescenti, demum grisea obduftlg rigidis, ilonferis foliosis, folus distidie alterms petiolatis amplis Imcan oblongis acunuidtis acuti& bast rotundatis, vix inaequilaterts, 20 — 25 cm. lougis, 5 — b cm. latis, argutissime berratis, supra praeter costam mediam griseo pubentem glabernmis, subtus ubique molliter et adpresse sericeo pubentibus ac griseo lutescentibus, limbi mferions margmibus planis nee subtus levolutis, veins antice Impressis, postice pro niinentibus, 6ecvindarus exilibus ciebens parallehs, petiolo anguste cauliculato-mar guiato, subtus pubente gnseo, 1 centim.<irciter longo, flonbus fasciculato axillaribus (*1—b insimul) breviter pedicellatis, pedicellis enim 4—5 mm. longis teretibus pub en

i&tius MTO folia r unique btr.ito tomentnsio multo ilcnsloro lut< o fulvo ft peisibtcnte openuntur ct flores paulo majores

ft *Flortbus hcrmaphroditis seu flomm iwuumuiiun nummimus antherfens* (pollute destitutis>•

- » i II. COUD VT V lul isnc 1. tit. 3J4. % — It inns hirsuto tomentos rufis, folus duns oblongib uutis, basi profunde emarginatib, minute seuatis, supra taudim glabratis, subtus tomentosis et etiam pro pute lente glabratis, neno medio maxime subtus pro mmente bctundarusque tiebiib buperne unprebsis, ilonbus paucis (1—>) in quaque avilla, bre\itti pdcicellltis, tal)te extus piloso tomcntobo, bepalis obtubibbinus; corolU^libii /) — Iolia basi emaignata bui,ulaiiuc modo ner\osa btirpem hauc luculenti 1 diittiu^uunt. — Crebcitjuxta Maraca^bo JNov.ie Caiitatae.
10. Ht. BOM>LVNDIAN\ Tulasne 1. cit. 335 J, — Ilaiius trcctibus, verrutis albis nota tib, nwellis atprthbe bceuceo htitollis fulvis, mox nudatib, folus dibtiche alteims obovato—ellipticove oblongib, bievitci et obtuse aiunnnatib, babi attenuatib et in petiolum 10—15 mm. longum inar(inatum cauahculatuni abcuntibus, 7—10 cm. lougib, 35—40 mm. latis, argute bcirato dentatis, deutibub apertib, sinu ubtuso, pagma supenore vuba^t mi nitente ^labemma, costa mi dia unpiebba bolummodo in principle fulvo bericea, dem j;labrat,i, p t^mae postuae adpiebse et minute ubique pubenti benceae, ubscuu- fulvo lutibtentis veuib titbns piominentibus, becundarus evilibus, petiolu hubtus bunceo (onientoM), letite glibiescente, ilonbus fasticulatib .ixillanbub (2—4 iihimul) ptditello seriteo pubenti soidide fulvo bruiiieo \i \ 2 mm. loitgo, brattea ovato eloiijjata atuta toiicava tteitea basi mshutto, bin^ulatim fultis, al<tbdbtio glo lioso obtuso, tandem ore rotuudo tiunt.ito, ex quo toiolla aestivans toiuco obtusa pio dit, aprtto, biatteolibbul> tal\te, quo lon^ionbus et < ontiguib ovato orbitulatis obtu&ib- biniib oppositi& et bubaequ.ihbub coueueib concavib, iloiso fuUo pubeuti-senceis. t) — Affinib *F. iieriosae* II. 1J. kth, quam folia bdbi rotundata, butub laxius venosa (>enis bcil. secundaius magib dibtantibus), petiolub haud in lr^inatib, iloies nunoreb **longius** pedicellati calyxque pubeutfbeiceus batib distiii_uuiit. — Ciescit in Columbia.
11. I-It. LLhCAINS lulasne 1. cit. 33b. \ — Kamib teietibus grucillbub confeito **erctib** glabcinrnib, lioruib fohosis buibum tenuisime pubenti benceib, pube rara adprcb&a mox cvaiuda, lohib alteinis abtncdeiitibub longe petiolatis ovato oblongove lauceo- latis, utimque longe attenuatib et acutib, 5 — b cm. longis, 2 cm. latis, seiratis, serratus uitioibum untuatini tuivulib obtusib et minutisbime mucronulatis, mucronulo tito deculuo, paguia utraque glabeinma, neivo inedio supeine piano et utrlnque pimium adpiussi pubenti seiiceo, movglabrato, betund inib admodum evilibus, petiolo ^latili glabeiuno piano tonvexo, 8—12 mm. longo, (loribus axillanbub (in ramis holms amiotunsque) bolituus geminatis teinibve, lou^e peditellatis erecto-patcutibus vcl etiam ceinuib, peditellib exihbub 1 cm. cncitei longis tenuibbune puberulis, tandem (Jaluatib, solitanib ebiacteatis, gemiiiiib tcimsve quasi in niodum c^mulae ad apiccm peduncuh cunimunib bievibime digestis biucteisque lincari-oblongib acutib pubentibus et caducis uibtiuttib, biattcolib ad apiccm peditelli bitis late ovatib acutuibculib maequalibus, sepalis bievioribus peibistentibus, alteia paulo bupra alteram opposite inserta. — Indole convenue vidctui turn *FT. theoute* few, quam folia ahtei cffi^uiata et dentata brevisbime petiolata, floics solitaiu caljcesque guseo pubentes dibtinctibttinum fatiunt. — Cie&ut in insuld Guadalupa, loto ditto Eboukmmt I auj ib.
12. 1 u ILItI0IDhS Tulasne 1. cit. 337 f — Ramis teretibus glaberrinus fohosis ramu losisque, folus dibtiche alteinis obo\atis obo^ato lanceolatove obloiigib, broiter obtubeque acumiiatis letubib serrato-deitatis (dentibos promiiientibus>), basi cuneatis et in pitiolum brevem attenuato decurrentibus, B — 0 cm. longib, 2 — 3 cm. latib, bub toriaccis, supeine glibemmis, secundum costam sukatic avenus et mtidib, butbus modite in tosta primum giibeo pubeiullb, tandem ubique glabratis, treble et minute (sub lente) glanduloso-punctulatis, veins scundams admodum e\ilibub iramersis, limbi infeini niai,^uubus paulo subtus re>olutis, floiibus solitane axillanbub, pedi-

cellis (pedunculis sensu proprio) teretibus glaberrimis erectis, demum (fructu maturo rescenti) cerium, circiter 15—20 mm. longis, bracteolis sub calyce sitis anguste elliptico oblongis obtusis, costa media vix interdum excurrente mucronulatis tenuibus, extus paulo revolutis, 3 — 4 mm. longis, cito caducis pulvinulumque linquentibus. — Crescit in Jamaica et Cubae montibus.

13. **FR. NIMVNIMIE** Tulasne 1. cit. 338. — Ramulis erectis confertis ex his teretibus glabris, folis tenuibus oblongis vel elliptico oblongis, 4 — 5 cm. longis, 15—20 mm. latis obtusissimis, in petiolum tenuem 5 — 7 mm. longum attenuatis, remote dentatis, dentibus bicribus rotundatis in summo obtuso minutissime mucronulatis, paginae superiorae glabrae costa ex his impressa, posticae initio saltem ad basin minutissime at vix perspicue sericeae, mox itaque glaberrimae, veins exilibus paucis prominulis, flonibus axillaribus soletis patentibus denudatis, pedicello ex his 15—20 mm. longo glaberrimo suffultis, bracteolis linearibus 3 mm. tuciter longis caducis, sub calyce sitis instiuctis, caeterumque ab istis *F. ilicwidis* non nisi petalis paulo longioribus antherisque pilis longioribus copiosius vestitis diversis. — Maxime affinis est *F. ilicwidi*, nec forsitan nisi foliorum foecia et flonibus gricilibus pedicellatis distinguitur. — Crescit in insula Cuba juxta S. Yago, loco dicto Pinol de Nimamma.
14. **ML. tLKMJA** Tulasne 1. tit. 338. f — Ramis teretibus, novellae dense et mollior tomentosae, dilute fulvae, tomento demum nigrescente tandemque (in ramis biannatis) evanescente, folis distiche alternis petiolatis elliptico obovato oblongis acuminate acutis, basi quasi obtusis aequilantibus nec decurvantibus, remote et argute serratis vel interdum subinterrimis, 8—10 cm. longis, 35—45 mm. latis, superne etiam in juventute glaberrimis subavenis, costa media impressa sulcum efficiente, subtus contra ubique mollior et in costa prominente maxime tomentosa dilute fulva, veins secundariis ex his vix prominulis, petiolo 1 cm. subbreviore, subtus tomentoso, superne vix sulcato nec marginato, flonibus in ramis annatis efoeciosis vel actate provecionibus sparsim fasciculatis (2—4 simul) glaberrimis, pedicello 10—15 mm. longo teretibus itidem glaberrimis sigmoideo cernuo singillatim fultis, bracteis ovatis brevibus tomentosae arcscutibus caducis, bracteolis versus pedicellum apicem sitis lineari oblongis acutiusculis glaberrimis, calyce duplo brevioribus, vix aequantibus, caducis et pulvinulum hinc frequentibus. — Arbor flonibus albis, stigmata longa perspicua. — Prope *F. mtegnifoliam* Benth. caeterum specificae diversissimae collocabitur. — Crescit in regione Ouxacensi Novae Hispaniae ad altitudinem 4000 ped. supra Oceanum in upas.
15. **Hi lIOUAIMtrsis** Tulasne 1. cit. 339. f — Ramis teretibus, initio mollior longaeque puberulis, dilute fulvae v. palidissimae, tandem glabratis, folis distiche alternis lanceolatis v. lanceolato oblongis acutiusculis, inferne attenuate et in petiolum (1 cm. longum) supra canaliculatum desinentibus (6 cm. longis, 2—3 cm. latis), margine serrato dentatis, dentibus minutis in sinu acutis, supra praeter nervum medium planum pinnato senceo puberulo demum fulvum demum glaberratum nudis minutissimis, subtus contra adpresso sericeis et nitide fulvo lutescentibus petioloque, hinc marginibus juxta petiolum subtus revolutis, veins omnibus antice immersis, postice praeter medium erasiosiori modice prominentibus, flonibus exiguis racemosis, racemis paucifloris brevis simis (2 — 4 mm. longis) axillaribus, distiche bracteatis. — Crescit in Guiana Britannica ad Roraima.

Tribus III. SAURAUJAE Endl.

5414. SAUHAUJA *Wxllid*

(DC Prodr. I. 525. — Wlprs. Repert. I. 370. II. 801. V. 131.)

1. **S. KORTHALSH** Zoll. et Mor. in Montii System. Verzeichn. der von H. Zollinger auf Java gesammelten Pflanzen p. 26. — Folis oblongo ovatis breviter acuminatis, basi acutis subaustato-serrulatis, supra glaberrimis, subtus leproso-squamulatis, Vena dunculis axillaribus corymbosis calycibusque leproso squamatis. — Arbor 30 — 40 pedum. — Crescit ad pedem montis Pulusari provinciae Preanger in insula Java.
2. **&. ORANDIOLIA** Zoll. et Alonui, System. Verzeichn. der von H. Zollinger auf

Java gesammelten Pflanzen pig 20. — Arborea follis obovatis acuminatis, basi trit calls (junioribus acutiusculis) glanduloso stratis glabris, umbrulis paucis squamulosis, subtus ferrugineis, pedunculis axillaribus unifloris subsessilibus squamatis & bracteatis, calicibus glabris. 1j — Flores albae — Crescit in sylvis prope Pammbang in insula Java.

Tribus IV. LAPLACEAE Endl.

5416. LIPLACEA // B. Kill.

(DC. Prodr. I. 527. - Wlprs. Repert. I. 372. II. 801. V. 132.)

- 1 L. INTFKMEDIA Renth. Plant. Haitiv. p. 12b. no. 717. — Folia ovato- v. obovato ellipticis medio emmissis, junioribus subtus ad nervum et apice barbatis, bracteis sepalisve 10, exterioribus dorso senceis, petalis 5. t) — Habitus et folia (pollicaria vel vix longiora) fere h. harlmanni* Mono uid. I. flores fere L. insignis H. U. Kth. Pengomi paites 15 extimae (bractee) parvae, orbiculatae, concavae, conaeae, margine membranaceae, dorso dense sericeo pilosae, intimae (petala) pollicares, orbiculatae dorso prope basin leviter sericeo pilosae, caeterum glabrae, intermediae (sepala) gradatim a bracteis in petala abeuntes. Stamina numerosissima, basi petalorum inserta. Ovarium villosum, 5 loculis. Styli 5 breves, interdum nonnulli inter se cohaerentes, stigmata capitati. — Crescit in Columbiae sylvis prope Loxam.

5416/r. OHEL ANTHER A Twczan.

(Turc. an. Bullet, de Moscou XX. 14b.)

Calyx ebracteolatus quinquepartitus. Corollae petala quinque basi connata cuculata. Stamina numerosa, pluriseriatim basi petalorum adhaerentia, filamenta filiformia basi et apice parum incrassata, in femore fasciculis parvis praedita; antherae haerentes biloculares, ad medium bipartitae medioque affixae verbae, longitudinaliter dehiscentes, lobis divergentibus apice leviter emarginatis. Ovarium quinesulcatum, quinqueloculare, disco anato cinctum, ovulis numerosissimis, angulo centrali multiseriatis affixis. Styli quinque breves cylindrici truncati. — Arbor fruticosa: caule, ramis, petiolis, costa media pedunculisque pilis rufis in femore incrassatis, dense vestitis, foliis alteris breviter petiolatis oblongo-obovatis acuminatis penninerviis, inaequaliter serratis, utrinque hirsutis, subtus pallidioribus. Paniculae axillares multiflorae. Calycis tubus brevissimus pilis rufis e basi incrassata subulatis cum laciniis duabus exterioribus dense obtectus, lacinia intermedia pilis similibus uno latere tantum vestita, duae interiores dorso tantum linea parvis percurtae, omnes intus albidae. Corolla in sicco fusca-rubens. Genus insigne *Tirnsch oemiaceum*, habitu *Melasiomactes* nonnullas aemulans.

1. O. MELASIOMACEA Turc. an. I. c. 149. — Crescit in Niasco in Sierra San Pedro Nolasco.

5418. ARCIITYTAEIL Mart, et Zucc.

(Wlprs. Uepert. II. 801. V. 133.)

1. »A. TRILORA Mart, et Zucc — Wlprs. I. c. — Tuusne, Ann. sc. natui. (I. Sei.) VIII. 40. f

5420. CARAIM Aubl.

(Wlprs. Repert. I. 374. II. 802.)

- C. TERETICAULIS Tulasne, Annal. des sc. natur. (3. Ser.) VIII. 341 — Ramis nudis longis admodum teretibus laevibus pallidis foliosis, foliis sparsis crebribus oblongo-ellipticis basi emissis, basi rotundatis licet breviter attenuatis, apice obtusis, nervis et nonnumquam anastomosis, b — 10 cm. longis, 3 — 4 cm. latis, subconaeis, bupia laberrimis, subtus glaucescentibus, costa media antice impressa, postice maxime piouiente, nervis reliquis utriusque subimmediis, secundariis pinnatim parallelis

exlgtfl tertfirfls crtbenlmis ficum superinm reticulatim effcientibus, pttiole 10—12 mm longo supune ipice suW ito quasi tñh it angusta basi cauñ ailditto, stipuhs iullis, » mmii sohtuit ixillãrihus scssilihus nnnutissimis acutis glaucis, pimcula teininiid i recta fasti_puti, laxc et bicviter nmosa, ex toto minutissime fuifuracea et biunneo lutescens, »xi lamisque an_pulatis v< 1 aiicipitibus, biactcis (siltem inferioribus) folds Lonformibus b— 12 mm lon_nis, nonnullis acutiust ulis, cito caducis, bracteolis ontia minutissimis et tievissimis (1 — 2 mm longis) ovato acutis, ad apicem pidicill irum2 — > mm. 1 >n_ois unfl>roium opp< site e em in is lpplicitis itidemque ca ducis ptducillis propius clawfoinubus 3—10 mm lon[^]is, ilabistio late ovato acutiusculo /) — Crescit in igro Korumensi in Gunna An_plica

5422. MIURLV Aubl.

(DC Piodi I 467 — Wlprs. Itepert *J 374 II 820)

1 >1 LINOU11OHMIS lulisix Ann des sc natur (3 Sei) VIII 340 — Ramis t i
 • tibus v>l piulo uigUlusis >.huco albicintibus „libn& foliosis, f>lus bparsis lincari ob lon_nis lin_uifoimibu& obtusis inte_einmi8, b isi cuncatis, 7 — 12 cm longis, 2 — 3cm latib subconatcis plains j,l ibeinnus at subtus in cosfa pronuncutest pctiolo {lauce hcentibus, ncrvis utriique immersis, secundaius rcmotis exilibus, petiolo bupcuie sultrio etiam basi an_ousto, 10 — 15 mm lon_no, stipulis muuittissimis vix perspu uis tiiaii^alaribus acutis ni_niis caulims, pctiolom utiinquit stipintibus, paniculi tciminali elect i i imosi infcine foliosa, ramis pitentissinus etnerus (axiqu) subsimplicibus laxiilois pidicilhs proprus (j icilibus p itentibus 10 — 1j mm lon_ois minute pubenti vclutims obscurus (ixsiccitis), basi lincttuJis duabus oppositis ovato hneaiilms atutis (\i_oquis cito (iducis stipitis bi ictcis supenoibus istis conf)innbus sed majo ubus itidem caducis, alabasti J ~, \ h >so obtusissimo /) — Ciescit in Guiana Dutan uicajuxta Hoiamam

Tnbus V. GORDONIE4E Endl.

5424 CiiOHDOMA Lll.

(I)(Prodr. 1.528 [exel sect 2] — VVlprs Repert I 374 II 802 V 134)

I G (AJSIUEISCUIMA) sp nov ? Zoll Flora(11 Z) 1847 p fiOl. — loins elliptico ublon[^]is icuminatis basi in pcti >um brevissimum ittenuatis mir[^]ine icutissune seuulitis, veins mai[^]ineni veisus reticulatis — *lores inco_pmti ob fiuctus autem Gordomue crtissime con_oenerv, quoad speciem autem diveisa a Blumeana censiida tnt — Crescit in insuli Java

Gencia Ternstittmiaccis affinia.

5427/i. ER\THI10CHIITO\ GuffUh (nee N ab E et Mart)

(Griffith in Duchutic, Kcvue botimque II 330)

Flores dioici bibracteolati. Calyx inferus, profunde quinquepartitus. Petala quinque h[^]po[^]jna hbera, sepalis opposita. ktamina inde<in>^a hypogyiid multipliu sene Antherae adnatae truncatae Ovaumn biocu ldre qiadriovulatum Styh duo 8stigmata duo reniforniia foliacea Bacca supera bilocularis, di — tetiasperma Semma pendula alburnunosa Em bryo curvatub — Arbor mediocm loins stipulatis perennantibus ~~integris~~ ptduncuhb extraaxilUnbus, flonbus sohtarns, facie quoddinmodo (~~ann.ihut~~)
 1 *E WALLUIIHIVUM Griffith 1 c — Ciescit in sjlvls insulac Madamacan m&ⁱ adiacentibus

5427 GODOVA Rz et Pav.

(DC Prodr I 588 — WJpis Repert I 375)

Sect. I. EUGOD0IA Planchon, Ann. sc. nat. (3. Ser.) VI 260 — *fl

mina 10, intherae laeves, folia simplici i

1 G ANTIOQUIENSIS Planchon 1 c 2C0. f — Folus obovatis, racemis termmalibi^s subsimplicibus, pedicelhs sub anthesi bibrictcatis (bracteis tamen decidui[^]), ~~cy^ui~~

Inn m obluii,a, utilaque attenuata ly — Cn st.it in sum mis montlbus provmciaic \\l
tioquiiit, re^ni Novo Granatensis

I * G OBOVATA R*. et Pav 1 c —

Sect. II. *RUDITAXTIERA* Planchon 1. C. 261. — Stamina 18-20, anthracrac
trausveist iu,ulosat, folia imparipiniata

3 G SPLENDIDA PUnthon 1. c. 2bl. i — (olus cum impin 4 jugis, foliolis ovalo
elliptius babi obtusis, berratib, pamculi teimin »fi llonbunda, sub antliesi ebractcati,
capsula ovato obloiu, icuniuata. \) — Himicias&l, cortice griseo fusto ru,uloso,
lenticellis crebns t\ isprato vesttti Foil i 1—Pj ped lon^i, petiolus tommunis
f?rai ilis subtercs, m lon,um tenuiter t>n itus, parti ilts breves in communcm vi\ de
currentes I oliola cum impiu 4 jugi, mferioi i regulariter opposita, pans suprcmi
Inter se et cum foliolo temunah ID icqualiter basi conflutntii Limbus 4—Spoil,
longus, 2 poll litus, folium *Castaneae veacac* iliquomodo reftrLiis, tc\tun rigidi
fra^ili, fade supera minus lucid I quam ill i Toltoium *G ubovatai*, intti nti\us non
prominentes \ix conspiLUc vcnulosa, infer pilhdiorc nervis elcvatis v» nisquL intci
textis pertursi, sciiatuns ipprtssis, intus spbacelato mutronulatis, stqiulac in spe
cimime florid > dfsidiratu ^imtula folio supremo paium brevior, biM Mmpkx,
nud i, lamib epnlciniule intida vtstilis, citissime cbricteatis Sepala exteiori late
ubovata subtruntito em irgmiti, flabillitim stiuto vtnosa, mterioie lon,ioi i et &ab
acuta. Flores expansl di inc tio circ bipolliLiu Antberae tk,antLi incuivat* trms
vurse rugulosae Capsula maturi vix 1 poll longa — Ciestit In *sylvi** JNovac
Oranatat, pi ope pagum Li Cru/; Prov. Monpix

5427/2. POKCUIMUM 'ulusne

(Annales des sciences naturelits (3. Scr.) VIII. 342)

Sub hoc lilulo arborem describit auctor *Godoi/at* affmem, sed merito
ut videtur — genence divirbum, hiiibrillanim in antica calycis facie d^
fectu, htdininodiurum duplicib ordinih praobcutia, an tiro ceo (erlih, <oiol-
la seu calyie isoinero, ovarioque taiuicm imperfecte trilocuUu, nsdcn
notis a *Jiluskmantlo* (*csptdtsKive*, *Godoyai* contiibulibus, recedit. Hii|ibte
novi geuens character in aduinbratione diagnosis sequentis speciei con-
tinetur

1. P. IETUSA Tulasne 1 cif —Glabenima ramis teretibus, cortice annotinorum KUI
cato ct, cum ltceiatur, lubente, mulullosis, foliorum cicatiicibus inverse tritngula
ribus, stipulis ciulmis caducis (desiderantur), folns sparsis simpicibus cornceis obo
vatic vel obovito oblon^is aut subvllipliu*, mai^mitts et mte,< rumis ipiu ubtusis
simo late retusis, basi brevissime ittenu itis, sexsilibus aut pctiolo lato bit^issimo
suffultis, 35 — SO mm lon^is, 2 — 4 cm latis, costi medi i utriusque piominuli, intci
dum in em ir^imtura apicali bit vissime aruti, veins leliquis omnibus sulitillissimis li
neatis, pinnatim scilicet p irallelo yressoque ordiie Immeisis (ut in *Calophyllu*, *I leu*
»fave accidit), puncula terminal! laxa et piucirimosi (quae adsunt 8— 12 cm altu),
lamis trecttis tn^ul itis (ixique) lixiflons, pedunrulis bievibus aut subnullis brtctei
oblon,i cilnto „landulosa stipatis, cyniose triilons, apice bractcolis du ibus bi ictut>
tonformibus ct paiiter culucis onustis, pedicellis propuis giacilibus trtttis, 8 — 12
mm cuuter lon,ois, alabastro ovato Lloh,ito,3— 7 mm lon,o (mo\ iptrtuio) thr i
tcato, sepalis quiuque menibrauaccis subscmo&is libciis o\atis obtusis inuqiulibus
gradttim nempe ab extenore id mterioiem majorem ciscentibus, post coiollain dt
lapsam aliquamdiu persistentibus, petahsquinque fl ividis (exsitcatis) tcnuibs nqua
libus, aektivitione convolutis ovato acutis, iccpttaculo uist rtis ciducis, btaininodiis
(andioiei veititillos cxeilores sistentibus) liypo^>nis lilnns tiebrib (uml* i 30) bi
seriatis, xterioubus spithul lefoimibus seu limbulum o\ ito acutum subcoiditum uu
guiculo filiformi lon go suffultum rfer< ntibus in uquilon^is, interioibus < onti i dupl >
longionbus linciri bubulatiscrassluscis, stimunbus quinque liy|io,ynls libens atqu i
libus, verticillatim norma regular! consltis, stammodia longiora excedentibus (q) u

lsepalum internnm paulo longloribus) corolla Inclusis; filamentis crassis brevibus curvulis •, antheris linearibus tetragonis et quasi quadrisulcatis laevibus basifixis continui? triplo quam filamenta longioribus, apice brevissime et acute retusis bilobis, lobis in emarginatura apicali sigillatim poris duobus minutis apertis, pollen pallidum fundentibus, (staminodiis staminibusque in alabastro erectis); ovario centrali libero sessili ovato-rotundato, in stylum erectum antheris subaequilongum, apice baud incrassatum suberosum abeunt, intus triplacentifero et indefinite ovulato •, placentis septiformibus fere usque ad centrum loculi productis, in acie serie multiplici ovuliferis; ovulis ovatis anatropis pendulis vel subperitropist Fructus. . . .? — Crescit juxta Roraima in Guiana Britannica.

5432/j. OCHTHOCOSIUS *Bnth.*

(Wlprs. Repert. V. 135.)

1. O. AFRICANUS Hook. fil. in Hook. Icon, plant, tab. 773. — Rhachidibus et pedicellis exceptis glaberrimis: foliis alternis brevissime petiolatis oblongis sparsis cuspidatis, cuspidate callis paucis subglandulosis secus marginem instructa, utrinque margine leviter incrassato et revoluta integris vel subrepandis, rigide chartaceis niti • dis, subtus pallidioribus, pulchre et tenuissime venosis; racemis axillaribus 1—3 folio brevioribus\$ pedicellis fasciculatis petala (sub fructu) aequantibus rhachidibusque puberulis; petalis (sub fructu) iuduratis calyce plus duplo longioribus; stamiibus styloque exsertis. \) — Cre&cit in Africa tropica occidentali.

Ordo XXXII! OLACINEAE *Urit.*

(DC. Prodr. 1. 531. — Wlprg. Repert. bot. syst. I. 377. II. 802. V. 136. — M. J. Roemer, Famil. natur. regn. veget. synops. monogr. I. pag. 7—25.)

Tribus I. ICACINEAE *Bnth.* — Wlprs. I. c. V. 136.

5488/,. APODYTES *E. Meyer.*

(Wlprs. Repert. V. 136.)

1. A. BENTHAMIANA Wglit. Icon, plant. Ind. or. t. 1153. - Foliis ellipticis, utrinque obtusis; paniculis contractis terminalibus rigidis, folio brevioribus; stylo recto vix excentrico; drupae appendicibus carnosis scutelliformibus. \) — Crescit in India orientali.
2. A. BENINENSIS Hook. fil. in Hook. Icon, plant, tab. 778.— Glaberrima exsiccatione nigrescens: foliis distichis brevissime petiolatis breviter acuminatis, acumine obtusiusculo vel emarginato, basi acutiusculis, margine integro vel subrepando revolutis; fasciculis axillaribus paucioribus; pedicellis gracilibus petala oblongo-lineariter baud aequantibus; stylo e basi incrassata filiformi stamiibus longiore. \) — Crescit in Africa tropica occidentali ad caput Palmas.

Tribus II. OPILIEAE *Bnth.* - Wlprs. 1. c. V. 137.

5489/,. CAXSIKRA *Jim.*

(Wlprs. Repert. 11. 803. V. 137.)

- I. C. ZIZYPHIFOLU Griffith in *Malaccensis*, Calcutta journal IV. 236. adn. — P^{bt} scens: foliis ovatis breviter acuminatis j drupis globosis. h^ ___ Crescit in peninsula Malaccensi.

5489/2. BFI&SIKOPETALUia *Wglit*

(Wght. Spicilg. Neilgherr. I. 22. t. 24. et Icon, plant, tab. 936.)

Flores bisexuales superi. Calyx quinque-dentatus. Petala quinque aestivatione valvata, apice processu inflexo bidentato instructa. Stamina

quinque, antherae biloculares[^] introrsac. Ovarium adhaerens nnioculari, O'vulum unicum ex prope apicem pendulum. Drupa ovoidea umbilicata unilocularis monosperma, endocarpio profunde inflexo indeque spurie bilocularis. Embryo minimus excentricus in apice albuminis ca/nosi, radícula longissima supera. — Arbor in India orieitali indigena.

1. *B. ARBOREUM Wght. I. 1. c. c. — ¶ — Crescit in India orientali in sylvis densis ad Sisparara.

5489/3. LEPTONIUM Griffith.

(Calcutta Journal of the natur. hist. IV. p. 23G. adnot.)

[^] Perianthium urceolatum (aestivatione valvatum). Stamina quatuor, perianthii laciniis opposita. Squamae hypogynae 0. Ovulum unicum nucleare pendulum e placenta centrali libera. Embryo inversus in axi albuminis carnosus. Flores racemosi, terni in axilla bractee cujusque.— Frutex subscaudens. Folia alterna oblonga. Racemii aggregati, juniores bracteis majusculis membranaceis laxè imbricatis stipati. Flores minuti virides, centrales praecociore. Tubus perianthii carnosus, faux subannularis. Drupa oblonga. Cotyledones ternae.

- *1. L. OBLONGIFOLIUM Griffith 1. cit. 237. — Crescit in Assamia superiore.

f Genus nffinc.

5489/4. CHAJIPEREIA. Griffith.

(Calcutta Journal of the natur. hist. IV. p. 237. adnot.)

Perianthium pentasepalum rotatum. Stamina quinque basi laciniarum inserta. Annulus quinquelobus hypogynus inter stamina et pistillum. Ovarium superum. Ovulum unicum erectum nucleare anatrosum. Stylus 0. Embryo inversus in axi albuminis carnosus. Inflorescentia paniculata. — Frutices vel arbusculae, incolae orae Tenasserim, et freti Malaccensis. Folia alterna ovata vel lanceolata acuminata. Flores minuti fuscescentes racemoso-paniculati. Bractee minutissimae. Sepala revoluta-reflexa. Annuli lobi sepalis alterni. Ovarium annulo reconditum. Drupa oblonga. Cotyledones ternae.— Species indescrptae sunt. — Genus *Lcptomeriac* et *Exocarpo* propinquum, a praecedente distinguitur inflorescentia, ovario supero et drupa ecoronata, a posteriore pedunculo fructus immutato, disco, habitu et inflorescentia, *Opilia* differt calyce, glandulis discretis et inflorescentia.

Tribus III. OLACEAE Bnth. — Wlprs. 1. c. 137.

5492/a. LIRIOSHIA Poepp. & EndL

(Wlprs. Repert. V. 138.)

1. *L. PAUCIFLORA Wlprs. 1. c. 139. no. 2. — Deless. Icon, select. V. 18. t. 41. —
f Genera diibia.

5496. STEIHOXVRVT[^] Blume.

(Wlprs. Revert. I. 378.)

- v. ST. YOETIDUS Wglt. SvũU.NeWglieTT. I. 21. t. 23. & Icon, plantar, tab. 955. — FoUiselUptlco-oblongisacuminatls venosis, Infra viubescentibus; paniculis terminulibus cymosis breviter pUosisi floribus parvis-, stamlnibus glataris; stylo ovarium subacquantante; drupa succulenta olivaeformi, matura purpurasciite, mice teuui. p - Crescit in Indiae orientalis montibus Nilaghiricis.

5497. GOJHPHANDRA Wall.

(Wlprs. Repert. I. 378.)

1. G. POLYMORPHA Wght. Spicileg. Neilgherr. I. 21. t. 21. 22. & Icon, plant, tab. 933. 934. - Dioica glabra: foliis petiolatis membranaceis, infra glaucis, ex oblonjjo

obovato-lanceolatis acuminatis; cymis axillaribus solitariis v. geminis petiolos subacquantibus, masculis multifloris, foemineis 2—3-floris; calyce integro minuteve 4—5-dentato; petalis 4—5 basi coalitis glabris; fructu oblongo stigmatate persistente coronato.) — Crescit in India orientali circa Coonoor.

Ordo XXXII. BALANTEAE M. J. Roemer.

(M. J. Roemer, Famil. natur. regn. vrgut. synops. monogr. I. 2(i. et'27.— *Olacineurum* genus DC. Prodr. 708.)

5498. IIALAMTEN *Dclile*.

(DC. Prodr. I. 708. — Wlprs. Repert. I. 379. — M. J. Roemer, Synops. monogr. I. 2(i.)

ORDO XXXIII. AUMNTIACEAE *Correa*.

(DC. Prodr. I. 333. - Wlprs. Rupert, hot. syst. I. 379. II. 804. V. 140. — M. J. Roemer, Famil. natur. regn. vegetab. synops. monogr. I. 28 — 75.)

5505. IIDRGERA *König*.

(DC. Prodr. I. 537. — Wlprs. Repert. I. 381.)

1. II. INTERMEDIA Zoll. A Mor. System. Verzeichn. der von H. Zollinger auf Java gesanimtilten IMan/ni p. 24.— Arlioescens: foliis pinnatis, foliolis 7—13 alternis rliomheo-lanceolatis inaequilatris acuminatis, basi inaequaliter attenuate, rt'pandis puiictatis, junioribus pubt;scentibus, adultis subglabris; (loribus pentameris odoratis corymbosis; corymliis trichotoniis foliis brevioribus; calycibus repando-5-dentatis; petalis albis caducis linearibus uiinervis; staminibus 10, antberis subrotundis emarginatis mucrouatis. t) — Crescit prope Tjikoya in insula Java.

5508/r MYARIS *PrsL*

(Prsl. Dot. Bmrkngn. p. 40. — Genus indscriptum.)

1. *M. (AMYRIS A. Spr.— Eckl. & Zeyh. Enumer. pi. Cap. no. 1130.) INAEQUALIS Prsi. J. c. — T) — IH Promoiitorio bonae spei.

5514. CITRUS *Linn*.

(DC. Prodr. I. 539. — Wlprs. Repert. I. 582. II. 804. V. 140.)

1. *C. LIMETTA Risso. — DC. I. c. no. 2. — Wght. Spicilg. Neilgherr. I. 23. t. 24. & *Icon*, plant, tab. 958.
2. *C. VULGARIS Risso. — DC. I. c. no. 5. — Wght. I. 1. c. c. t. 25. & 9J7.

Ordo XXXIV. HYPERICINEAE DC.

(DC. Prodr. I. 541. — Wlprs. Repert. I. 383. II. 805. V. 141.)

5464. IIVPERICUUI *Linn*.

(DC. Prodr. I. 543. — Wlprs. Repert. I. 383. II. 805. V. 141.)

- I. *ll.(Brathys)* LOXENSE Bnth. Plant. Hartw. p. 126. no. 720. — Fruticosum, ramulosum: foliis parvis lineari-lanceolatis aculis pellucido-punctatis patulis; ~~heribus~~

- pirns 3 — 4 gyns, sepalls lanccol itis acutis impunctatis, petilis ob en at is caljee dimidio longionbus \) — Frutex 2—3 pedalis foliosus ramis tenuionbus et minus stnctis quam in affinibus. Folia H[^]—2i[^] lin lon[^]a , bisi cone it i et amplexicaulia, supra basin lntiora et plim, membiamei, uninertii, punctis cicbiis Pedunculi filifoimes 1—2 lin lon^pi, termimles vel rimulo excrcscentc litrales. Flores lis // *humifiibi* paullo miuores Sepila folus subconfoimia it impunctiti, nervo vtx promimute Petala lutei. Stamina circa 20, subliben, petalis brevioia Styli vul^po 3, inteidum 4 stamina suptrantes, stigmatibus capitatis Capsula calycem bubaequans — Ciescit in Columbiae montibus Loxcnsibus
- 2 II RESINOSUM Until Plant Uarttvg p 105 no 924 — 1 ruticosum glabrum folus approxim itis obovatis ovitis obtusis, basi an^austitis bubconaceis punctatis lesinoso viscosis, llyibus in axillis supenoribus in capitula foliata subcorjmhoso confertis, bcpalis subiequalibus, stils 3 libuis, sti³matibus dtpicso capitatis £) — rrutirulus 1—1% pedulis Kami cicatnsati, ramuli folus obtecti iolia n^aiduli, bubcomplicata, 4—0 lin longi teiuiiter flabellato venosa, puuetis pellucidis crebns , floraha subsimilia Pedunculi nicdio bibracteati, uniflou, in axillis sulitaru , cxtcuores 3 lin lon^pi Sepala) itc lanceolata, 2% lin lon[^]a, caetcrum folus si null a Petala subduplo lon[^]iora, demuin uiuoluta Stamina circa 20, hbera v nonuulla basi vix brevissime cobatrentia. St^h di^{vei}o,entcs, persistentes Capsula tuvilvis, cal[>]cem acquins Senutia. non vidi. Plant i pluibus notis cum debr. *U Mutwam* tonvuut, sed flores nunquam solitaru, foil i nuuora etc —Juxta Bo^oota.
- 3 II CHILLNSE Giy, Flora Chileni I 353 f — Ilumifusum ciespitosum, quandoque erectum folus sessilibus lincanbus bubuutis ad mar[^]inem paululum re[^]olutis 4—5 lin. IQII[^]IS) do rib US luteis cymosis > sepalis in i<qu ilibus p(tih paulo bievioibus, filtim ntis mdefinitib hbeus stylis 3, capsula 3 valvi 3 anstati, oliⁿosperma, seminib is olindiius obtusis striato ru[^]osis — Crescit In Cluli id C uicti (ion
- 1 11 ItUL.kLIYMM Kie Del sem liort uiuers Lips a 1847 colh tl(mm — 1 uitit sum I basi ramosum ramis uliims nncipitibus, folus sessilibus ovatis, b IM subuif,u statis ipice acutiusculis, teiuiiter corlaceis reticulato venosis, subtus glaucescmtibus unpuuctitis, Houbus bubcorymbosis medus , peduntulis basi bibracte itis, petalis M cus ipictm uiucnnitis, cal[>]cc inaequali sublon^pioibus, btiminaque vi\ tequantibus, capsuli ellipsoidea depressa \)— Pioxima, ut vidctur sptuesl? *anreim* Hirtr diffcit folus oblongs obtusis, mirguie minute undulito crispis, flonbus sessi hbus matins fere sohtanls, petilis conact is rflexis, stiminibus numerosissimis, c\psuh ovoideo comca, st)\b connatis acummata — Ciescit in Oberland Mountains Rossiae boicalis
- o 11 1URTWLGI Bnth 1 c p 127 no 721 — 1 ruticosum, rimosissimum, dense foliosum folus bubimbricitis o\ itis oblon^eisve acutiusculis unineviis pcelluculo punctatis, bcpilis ovato lanccol itis stnatis impuuetatis, petilis olique otato rhombeis acutis, bt>lib 3 clon^oatib fy—frutex 2—3 pedalis, *H thuyoidi* Humb. ct Kuuth sinulis tolu duplo m ijora, 2—3 lin lou^a Flores breviter pedicellati mi[^]nitudeie fen // per /brufi. Sepala 2¹/₂ hu. loii[^]i PetdU plus duplo niajora vn alabastro icuta, pa anthesin patentissima, valde ubliqua, uno latcre fere recta, altero valde convexi buban^pulata, mucrone bicvi teinunata. Stamina numuosa, fere libtra. Sti^omata minuta Capsula calycem acquans.

f Icons addendac.

H. HOOKEIUANUM W[^]Ut & Arn — (Wlⁿis I c I, 383 no 10) — Wght Spicileg Neil^oherr. I. 23. t. 27. et Icon, pi t 959.

5465. EL.ODE.A *Allans.*

(Wlprs Repert I 300 II. 800)

¹ F (*TRIADENIA* Fn/1) RUSSEGGERI Wlprs. 1. c. I 391 no 3 - Atlas zu Kussegers Reisen Hft 3. tab 13.

5467. PSOROSPEITMUM Spach.

(Wlprs. Repert. 1. 391.)

- I. PS. TENITIFOLIUM Hook, fil in Hook. Icon plant, tab. 771. — Glabrum : foliis lanceolatis utrinque acuminatis acutiusculis integerrimis, rigide membranaceis nitidis; cymis terminalibus pedunculatis, foliis 3—4-plo brevioribus; petalis calyce vix duplo longioribus; bacca globosa (grano *Piperis* majore), sepalis lanceolato-linearibus reflexis duplo longiore. — Frutex 10-pedalis ramosus. Novella, nodis et axillis petiolo tum exceptis, glaberrima. Kami vetusti cortice cinereo, in longum lineatim fissis vestiti, teretes vel ad nodos compressi. Ramuli magis minusve manifeste tetragoni, epidermide larvi, sicut planta tota, fusco-rubescens. Folia crebra, 2—1 $\frac{1}{2}$ poll. longa, 12—15 lin. lata, margine tenui subrevoluto, nervis tenuibus veniformibus utrinque prominulis vel supra obsoletis. Petioli $\frac{1}{2}$ lin. longi, supra unisulci, in axillis pulvinulum lanæ brevis fulvæ foventes. Cymæ ramus primarius bifurcus vel sapius subumbellatim 4—5-divisus, secundariis mox subumbellato-2—4-floris. Pedicelli 2 $\frac{1}{2}$ —3 lin. longi striatelli, a basi ad apicem gradatim crassiores. Flores magnitudine illorum *Stellariae mediae*. Petal. a intus villosa albido-lutescentia. Stamina...? Stylus fere a basi liberi. Stigmata capitata. Fructus (in vivo) nigrescenti-purpurascens. — Species a *Ps. Senegalensi* Spach glabritate statim digno-cenda. — Crescit in Africa tropica occidentali secus flumen Nun.

Ordo XXXV. CLUSIACEAE Lindl.

(DC. Prodr. I. 657. — Wlprs. Repert. 1. 392. II. 810. V. 144.)

5438. CLUSIA Linn.

(DC. Prodr. I. 558 [excl. § 2.] — Wlprs. Repert. I. 393. II. 811. V. 144.)

1. CL. DUCU Benth. Plant. Hartweg. p. 126. no. 718. — Foliis parvis obovatis oblongisve obtusis, basi in petiolum angustatis, venis obliquis, supra obscuris, subtus prominulis; panicula trichotoma pluriflora; floribus (masculis) parvis ebracteolatis 4-sepalis, 4-petalis; staminibus numerosis inappendiculatis. — Frutex 8—10-pedalis, ramosissimus. Folia maxima vix bipollicaria, margine revoluta, petiolo 2—3 lin. longo basi dilatato. Paniculae in pedunculo pullicari divaricato-trichotomae, 9—13-floiae. Flores ad apicem ramorum ultimarum intra bracteas 2 oppositas terni, sessiles. Petal. 2 lin. longa, ovata, concava. Sepal. a exteriora paullo breviora. Stamina fere 30, petalis breviora, disco carnosulo inserta, filamentis brevibus tenuibus, apice in antheras breviter oblongas incrassatis. Flores foeminei non visi. — Crescit in Columbiae montibus prope Loxam.

5443. OAIICIMA Linn.

(DC. Prodr. I. 560. — Wlprs. I. 394. II. 811.)

1. G. PAPPILLA Wght. Spicilg. Neilgherr. I. 20. t. 28. 29. et Wght. Icon. pi. t. 960» 961. — Dioica: foliis breviter petiolatis obovatis obtusis; floribus axillaribus subsessilibus, in plantis masculis aggregatis, solitariis ternisve in foemineis; staminibus numerosis coalitis androporum crassum efficientibus absque stylo sterili, antheris bilocularibus longitudinaliter dehiscentibus ovario globoso 8-loculari, stylo breviter crasso carnosulo stigmatibus 3 patentibus coronato, cum fructu accrescente; fructu ovato-oblongo sulcato, 8- v. abortu 4-loculari, stylo incrassato coronato; seminibus subtriangularibus, testa tenui raenibranea colorata tectis. — Crescit in India orientalis montibus Nilaghiricis.

5447. IHE8CA Linn.

(DC. Prodr. I. 562. - Wlprs. Repert. I. 398.)

- I.*M. SPECIOSA Cholsy in DC. 1. c. no. 2. — Wght. Spicilg. Neilgherr. I. 27. t. 30. 31.

5448. CALOFIYLLOI Linn.

(DC. Prodr. I. 562. - Wlprs. Repert. I. 390. II. 811.)

1. C. EXCELSUM Zollinger, Flora (B. Z.) 1847. p. 661. — Arbor alta stricta ligno durissimo : ramis suberectis; foliis oppositis ovalibus, utrinque obtusis seu basi subcordatis discoloribus coriaceis, tenuissime parallele venosis; floribus lateralibus solitariis pedicellatis, basi quadribacteatis \ flores polyganty sepala persistentia acuta; petala alba; stylus brevis crassus; fructus ovato-incurvatus.) — Ad littus australe insulae Javæ crescit.

•/• Genus aflinitatis dubiac:5449/t. **ACKOSSAXTHUS Presl.**

(Presl, «ot. Bcmurk. p. 22.)

Calyx 5-scpalus hypogynus persistens, aestivatione valvata. Petala 5 hypogyna, sepalis alterna decidua, aestivatione subimbricata. Stamina pulyadelpa, phaiangibus 5 polyandris (15-andris) hypogynis planis petaloideis, antheris ovato-subglobosis bilocularibus extrorsis. Squamulae hypogynae 5, petalis alternae subrotundae ciliato-barbatae. Ovarium subglobosum quinquangulare quinqueloculare, loculis multiovulatis, ovulis subglobosis placentae central! affixia. Styli 5, liberi. Stigmata orbicularia crenulato-lobulata. Fructus. . . . — Arbor aut frutex Brasiliensis: foliis oppositis coriaceis, stipulis cauliniU coanatis brevissimis; floribus termiualibus paniculatis.

M. A. U1OTSKYANUS Presl, Bot. Bemerck. p. 23. — t) — Brasilia.

Ordo XXXVI. MARCGRAVIACEAE Jnsa.

(DC. Prodr. I. 565. — Wlpris. Repert. bot. syst. I. 398. II. 811. V. 145.)

5459. RUVSCIIIA Jcq.

(DC. Prodr. I. 566. — Wlprs. Repert. I. 398. II. 811. V. 145.)

- 11. LAUKIFOLIA Presl, Bot. Bemerck. p. 24. — Foliis pctiolatis ellipticis recurvato-mucronatis, basi rotundatis ; racemo elongato ; pedicellis angulatis, apice brae team obovato-spathulatam cuspidatam, subtus concavam gerentibus; calyce ueptasepalo} filamentis dilatatis plantis. — Crescit in insula Guadeloupe.

5461. **MACGRAVIA Plum.**

(DC. Prodr. I. 503. — Wlprs. ltepert. I. 399. II. 811. V. 146.)

1. M. COMOSA Presl, Bot. Bemerck. p. 23. — Ramis tetragonis; foliis petiolatis lanceolatis acuminatis obtusis, basi acutis inaequilateris; racemo abbreviato multifloro, apice bracteis quatuor cylindrico-clavatis concavis comoso; pedicellis elongatis. I) — Crescit in Brasilia ad Rio de Janeiro.
2. M. TRINITATIS Prsl. 1. c. p. 122. — Ramis teretibus; foliis breviter petiolatis Hblongo-lanceolatis acuminatis obtusis, basi acutis inaequilateris; umbella terminali multiflora medio bracteis duabus petiolatis cylindricis rectis comosa; pedicellis tere-tibus bracteas dimidio superantibus. I) — Crescit in insula Trinitatis.

Ordo XXXVII. HIPPOCRATEACEAE Juss.

(DC. Prodr. I. 507. — Wlprs. Repert. I. 400. II. 812. V. 146)

5700 HIPPOCRATEA Linn.

(DC. Prodr. I. 507. — Wlprs. I. 400. II. 812. V. 146.)

1. *H. OBTUSUOLIA HBK. — DC. I. c. 309. — Wlprs. I. c. 400. no. 1. — Wght Icon, plant, t. 3,

5702. SALACIA Linn.

(DC. Prodr. I. 570. — Wlprs. Repert. I. 400. V. 140)

- I. S. MACROSPERMA Wght. Spicil. Neil. herb. I. 2S. t. 32 et Icon. pi. t. 2. — Fruticosa diffuse ramosa folus oblongo ellipticis acuminatis coriaceis glabris, lobus numerosis fasciculatis breviter pedicellitis, calyce quinquelobulo pilis fere nullis, petalis ovatis obtusis, basi lalis, ovum in loculari, ovulis in loculo geminis superpositis, fructu multiloculari ovato oblongo, seminibus ovoideis trifloris. — radice lignosa. — Ciescit in montibus Nilagharicis.

Ordo XIX. MALPIGHIAEAE Juss.

(A. Juss. in Wlprs. Repert. bot. syst. V. 147. — 357.)

I. MILPIGHIA Plum.

(Adr. Juss. in Wlprs. Repert. V. 151.)

1. M. ELLIPTICA Prsl. Bot. Benukn. 25 — Juss. ellipticis, utrinque rotundatis, subtus urenti hispidis, supra glabra, floribus axillaribus aggregate folio multiplo longioribus. — Ciescit in insula Irinitatis.

X BU&CHOSIA Rich.

(A. Juss. in Wlprs. Repert. I. 189)

1. B (§ 1. *Malacmaea*) HARTWEGIANA Benth. PI. Hartweg. no. 920. — Folus oblongo-ellipticis sublaevissimis glabris, calyce 8 glanduloso, ovano in loculari glabro, stylis distinctis, fructu glabro. — Verba Ad. Jussiae in adumbratione *B. Bonplandiavae* pleaque et huic speciei conveniunt. Folia dimensions ejusdem, sed vix in acumen desunt, basi pariter bimaculata. Racemi 2—3 pollicares, 20—40 flon. Calyces obliqui, 2 lin. longi, lacinus glabris ciliatis, glandulis 8. Petalium unguis calycem breviter superans. Filamentum basi brevissime connatum. Stigmata, longiuscula, distincta. Stigmata obovato spatulata, parva. Drupae ovatae, fructu Plum spinosae minores, glabrae, parce carnosae. Semen anguste ovatum, apice attenuatum, superne latera latera buspeusum, inlo oblongo, testa membranacea. Cotyledones subaequales, apice circa radiculam breviter levissime et oblique exsertatae. — Frutex 5 pedibus ad apicem Madagascariensis juxta pagum Nares.

XVII. STIGMAPHYLLON A. Juss.

(A. Juss. in Wlprs. Repert. V. 202)

1. ST. MULTILOBUM Miquel, Linnaea XIX. 433.f — Ramulus, petiolis pedunculisque foliis gineo subscabrusculo hirtellus, folus supra glabris, subtus subsensu pubescentibus profunde pinatifidis, segmentis utrinque vix duobus, infimo baud raro divaricatis

bilobo, omnibus lanceolatis acutiusculis integerrimis mucronatis; ramulis floriferis ob folia summa depauperata in paniculam ampliam brachiatam dispositis; calyce plerumque 7—8 glanduloso. — Crescit in Brasilia.

XXIII. ACRIDOCARPUS *Guill. et Perr.*

(A. Juss. in Wlprs. Repert. V. 285.)

1. A. CORYMBOSUS Hook. fil. in Hook. Icon, plant, tab. 774. f — Ramis foliisque glaberrimis, illis lenticeis punctiformibus prominentibus, saepius crebro conspersis, his alternis breviter petiohitis oblongis, breviter et obtusiuscule acuminatis, subtus reticulato-venosis subcoriaceis; racemis axillaribus et terminalibus brevibus confertifloris, rhacliide crassa; bracteis parvis acutis eglandulosis pedicellisque (flore pluries longioribus) alutaceo-pubescentibus; calycis laciniis obtusissimis glabriusculis; stylis staminibus longioribus. \) — Ah A. *Smeathmanni* differt spicis solitariis brevibus, ab A. *Cavanniltsii* laciniis calycinis obtusissimis. — Crescit in Africa tropica occidentali.

XXX. HIRSEA *Jcq.*

(A. Juss. in Wlprs. Repert. V. 320.)

1. H. (*Mascagnia*) JUSSIÉLJANA Miquel in Linnaea XIX. 142. f— Foliis ovatis aequaliteris in acumen longiusculum obtusiusculum submucronatum abrupte attenuatis, supra glabris, subtus junioribus praesertim in nervo medio pilis fugacibus inspersis basi que utrinque ad nervum medium plerumque biglandulosis; petiolo pubescenti 4 — 6-glanduloso; stipulis juxta imam basin minutis; racemis incano-pubescentibus compositis, foliis superioribus sensim depauperatis in paniculam terminalem ampliam collectis; calyce octoglanduloso; petalis glabris lilaciis; samarae alis lateralibus flabelliformibus integerrimis parce piliferis in unam orbicularem basi emarginatam connexis, dorsalem cristaeformem multoties superantibus. \) — Crescit in sepibus prope Paramaribo in Surinam. — Frutex volubilis floribus „UAC>“is, affinis H. *septum* et *anisopetalae*.
2. II. AFFINIS Miquel 1. c. 133. ♀ — Foliis obovato-oblongis acuminatis raro obtusis, basi attenuata leviter emarginatis coriaceis, supra glabris, subtus pube appressa fugaci inspersis-, petiolis brevissimis bistipulatis [biglandulosisque?] pubescentibus; umbellis axillaribus ternis pluribusve plerumque 4-iloris; pedicellis pedunculisque tomentellis; calyce octoglanduloso puberulo; petalis longe unguiculatis glabriusculis. \)— Crescit in Surinam.

XXXIII. DIXEITIANDRA *Adr. Juss.*

(A. Juss. in Wlprs. Repert. V. 341.)

1. *D. GLABERRIMA A. Juss. 1. c. 342. no. 2. — Gay, Flora Chilena I. 358. f t. 9.

XXXIV. DIXE^IAOOXUITI *A. Juss.*

(A. Juss. in WJprs. Repert. V. 342.)

1. *D. GAYANUM. A. Juss. 1. c. — Gay, Flora Chilena I. 360. f t. 10.

Ordo XL. ACEBINEAE *DC.*

(DC. Prodr. I. 593. — Wlprs. Repert. bot. syst. I. 408.)

1. A. OPALIFOLIUM Tenore, Atti del Teale istituto alle scienze nat. di Napoli VII. (c. ic.)— Arbuscula: foliis subrotundis leviter quinquelobis, basi truncatis vel sulcuneatis (minime cordatis), utrinque glabris, lobis acutis serratis, petiolis triplo brevioribus; corymbis paucifloris; samaria glabris, alis lanceolatis convergentibus. t) — Crescit in montibus Galliae orientalis et Helvetiae.

2. A. OPALUS Ait. Hort. Kew. (2. edit.) V. 443. — Tenore 1. c. (c. ic.) - Arbor: foliis subrotundis basi cordatis, levissime quinquelobis, lobis obtusis, laxe serratis, utrinque glabris; corymbis paucifloris; samaris suberectis glabris; pedunculis foliis subtriplo brevioribus, alis falcatis parum divergentibus. t) — *A. rotundifolium* Lam. — *A. Italicum* Lauth. — *A. Opalus* Willd? — *A. opalifolius* Vill. — Crescit in Apenninis Italiae superinris et mediae.
3. A. ODTUSATUM Willd. — Tenore 1. cit. 321. (c. ic.) — Arbor: foliis subrotundis, basi cordatis, levissime quinquelobis, lobis acutiusculis dentatis, subtus villosis, petiolis duplo brevioribus; corymbis laxis; samaris subvillosis, alis falcatis oblongis semipatentibus. T) — *A. Neapolitanum* Ten. Flor. Neapolit. t. 100. — Guss. Fl. Sicul. gynopt. II. 463. — Crescit in Ungheria et utriusque Siciliae nemoribus montosis.
4. A. NEAPOLITANUM Tenore, Fl. Neapolit. II. 372. t. 100. — Atti etc. 321. (c. ic.) Arbor: foliis subrotundis, basi cordatis, levissime quinquelobis, lobis obtusis laxe dentatis, subtus tomentosus, petiolis duplo brevioribus; corymbis pendulis; samaris pilosiusculis, alis semiorbicularibus divergentibus. Ijj — *A. Opattu* Tenore, Flor. Neapol. prodr. 72. (non Ait.) — Crescit in regni Neapolitan! nemoribus montosis.
5. A. VELUTLVUJI Boiss. Diagnos. plant, orient, nov. VI. p. 2S. — Foliis palmato-quinquelobis, supra glabris, subtus etiam fructu raaturante dense Velutinis glaucis albidis, lobis acutis inaequalitei crenulato-lobulatis; ilovibus. cum foliis nascentibus; racemis abbreviatis basi composite erectis?; samaris longe pedicellatis, junioribus dense albo-tomentosis, alis primum e basi incurva erectis parallel is detn erecto-subpatulis. 1) — *A. Pseudoplutamu* recedit foliis subtus semper glabris et racemo elongato pendulo. — Crescit in sylvis Persiae borealis in Ghilano.
0. A. CINERASCENS Boiss. I. c. 29. f — Ramis terminus tortuosis cinereis; foliis ntrinque pallide vircentibus gliocis etiam adultis petiolisque pube brevi adpressiuscula velutino-pubescentibus dnerascentibus transverse ovatis, basi rotundatis subcordatisve, apice (>h>bis, lobis subaequalibus subrotundis obtusissimis; corymbis flovum terminalibas sibsessilibus paucilioris, pedicellis abbreviatis pubescentibus; staminibus e calyce exsertis; samaris% — Forte *A. Monspessulani* varietas? — Crescit in Persia australi prope urbem Schiraz.
7. A. DOUGLASH Hook. Lond. journ. of bot. VI. 77. t. G. — Foliis cordato-rotundatis membrariaceis obtusiusculis quinquelobis brevissime acuminatis grosse inciso-serratis glabris 3—5-nerviis, subtus pallidioribus; racemis laxis umbellatis 4—8-lioris, basi (foliisque novellis) longe hacteat, bracteis ovato-lanceolatis coloratis, intus pubescentibus; calycibus petalisque linearibus glaberrimis; fructibus umbellatis erecto-patentibus, alis subfalcatis obtusis. t) — *A. barbalum* var. Dougl. in Hook. Fl. Bor. Am. I. 112. — Crescit in Rooky mountains.

Ordo XLII. SAPINDACEAE Juss.

JITC. Prodr. 1. 601. — Wlprs. Repert. bot. syst. I. 411. II. 813. V. 358. — *Uippocastaneae* DC. 1. 597.)

5599. URVIIXEA H. B. Kth.

(DC. Prodr. I. 602. — Wlprs Repert. I. 411. V. 359.)

1. U. TRIDENTATA Miquel in Linnaea XIX. 434. f — Glabra: foliis ternatis, foli«H» ovatis infra apicem acutum et subspiiuulose mucronatum utrinque unidentatis, mem* branaceis; racemis in paniculas parvas axillares et in ramorum apice panicula* tim confertas dispositis} rbachidibus tenerrime fusco-tomentellis. J) — Crescit^{la} Brasilia.

5599/!. DICaABTOPETAItUIIt *Piesl.*

(Presl, Bot. Bemerk. p. 24.)

Calyx 4-sepalus subaequalis. Petala 4 aequalia, in medio supra processibus duobus linearibus erectis petaloideis instructa. Stamina octo, duo cum quolibet petalo alternantia aequalia, filamentis filiformibus, antheris cordato-ovatis, internis paulo supra basin affixis. Ovarium gynobasi orbiculatae insertum, obcordato-subrotundum triquetrum triloculare, loculis uniovulatis. Stylus 1, brevis crassus. Stigma obtusum. Fructus e tribus samaris late alatis, apice ad angulum internum monospermis constitutus, oblongus cordatus, apice retusus et stylo indurato coronatus. Semina oblonga compressa. — Arbor aut frutex Brabliensis: foliis coriaceis pinnatis, pinnis multijugis obliquis, terminali abortiente; floribus paniculatis parvis sessilibus solitariis glomeratisque.

1. D. POLYPHYLLUM Piesl 1 cit. \ — Folia ultra pedicula, foliola oblongo lanceolata aequaliter dentata, munda glaberrima, semitercium pollicem longa, nervosa & in minora, panicula bipedalis terminalis brevissime tomentosa. — Crescit in Brasilia.

5605. SCITTELLIDELIA *Linn.*

(DC. Prodr. I. CIO. - Wipis. Repert. I. 414. II. 814. V. 361.)

1. SCHM. MONOPHYLLA Hook. in Hook. Icon, plant. IV. tab. 775 — Ramis, petiolis folisque subtus pubescentibus, his umbellatis obovato-oblongis, breviter et acute cuspidatis, remote et inserte denticulatis, basi truncatis, supra (pitieter nervum medium) immixtis munitis, rinde membranaceis, ractmulis confertissimis axillaribus solitariis 1—1½ pollicibus, petiolo parum vel duplo longioribus, foliis saepe 2-3 pedunculo communi brevissimo sustentis, pulvillis ciliatis calyce subaequalibus, petalis (uneatis m. villosis, calyce staminibusque brevioribus. — Rami teretes, epidermide cinerea. Folia sp. » r. i., internodiis longioribus, 1—0 poll. longi, 1/4—3/4 poll., lata, petiulis ciliatis supra veisus apertim uisus, ipse leviter refertis aiticulatis, p. ina supra siccitate fusco-mescente, infra conspicue pallidior, nevis latribus utruque prominulis, subtus ad axillas pilis albis baibatis. Rhachis racemata glaberrima hispidula Biactaeae mutae, breviter ovatae acutae biactaeaeque lineares, sicut basis sepalorum exteriorum pilosulae Alabastria muta, oculo nudo lahnuscula, & ab lente pilis paucis conspersa. — Crescit in insula Ternan do l'oa, ad Clarence.
2. SCHM. UHEI DEI Wght. Spicil. Neilgierr. I. 30. t. 33. et Icon, plant, t. 964. — Fiutitosa diffusa, in ramulis munitis villosa tomentosa foliis elliptico-oblongis acutis v. acuminatis stratis, supra pubescentibus, p. num breviter tomentosis, demum infra-villosis, racemis axillaribus solitariis v. interdum gemmatis saepequo folio longioribus ramosis, r. n. clu. pilo & a, cal. cibus glabris tetrasepalis, sepalis viaequalibus, late-Idlibus orbitularibus, petalis 4 spathulatis pilosis, ba & i landulis quatuor tarsosis m-Structis, ovario piloso parvo, ^ylo complesso in sti, mata duo patentia abeunte v. per abortum unistigmatoso, lobis obovatis obtusis glabris, cotyledombus carnosofoliaceis t) — Crescit in Indiae orientalis montibus Nilaglmicis.
3. SCHM. COBBE DC. 1. c. no 4 - W. ht. Icon pi. tab. %4/a.
4. *SCHM. (RHUS E. Meyer in Ditge Hb. il. Cap.) MELANOCAUPA Prsl. Bot. Bmrkngn. p. 40 — \) — Species indescripta Capensis.
5. *SCHM. (RHUS E. Meyer 1. c.) MONOPHYLLA Prsl 1. c. — fy — Species indescripta Capensis.
6. *SCHM. (RHUS E. Meyer. 1. c.) LEUCOCARPA Prsl. k. c. 41. — Affinis *Schm. Africanae*. — Species indescripta Capensis.
7. *SCHM. (RHUS Drt^e mss.) EROSA Pral 1. c. — Species Indescripta Capensis.
8. *SCHM. (RHUS Jcq. — DC. Prodr. H. 71. no. 56.) UNDULARA Pr&l 1. c. — tj — Crescit in Promontono bonae tpele.

9. *SCHM. (RHUS E. Mejer. I. c.) DECIPIENS Prsl. I c — Species indescrpta Ca pensis.

5605/ r NATALIA *Ilochst*

(VVIprs. Repert. I. 415 *).

1. N. PAULLINIOIDES Planchon in Hook. Icon, plant, tab. 780. — Folus cum impari 7—10jugis, foholis oppositis vel passim alternis petiolulatis lanceolatis, breviter cuspidatis, utrumque acutis glaberrimis (nervis subtus tantum pilosis) remote serrulatis, siliatis incurvis, basi situate nigrescentibus, subtus pallidis, racemo oppositifolio pedunculato plunifloro, biattus parvis subulatis, pedicellis calyce brevioribus vel eum subaequantibus, petalorum lamina lintari oblonga cristulis parvis basi ornata vti nuda, unguis (pro parte) seicco albido, stylo in femore piloso staminibusque exsertis — Rami *Paullinae* Ramuli petiolique communes rhabditisque rateim sulcati et pube detersibilis primum hinc inde sparsi, demum glabrati. Slipulae in unam intraaxillarem brevem ovatum, dorso senceam concretae. Racemus septempollicans, inferne nudus, medio cicutibus pedicellorum notatus, apice infertilibus Floras illis *Aesculi Hippocastam* minores leviter irregulares. Calyx profunde quinquefidus, lacuna infera (antica) apice bidentata (e duabus concietis constans) Petala quinque aestivatione unguata, infimo emarginaturae lacunae infimae calycis respondente, inde sepalis duobus connatis alterno, caeteris angustiore. Stamina quatuor filamenta basi dilatata, duorum petalorum infimorum connata, duorum latiora libera. Glandula carnosae brevis, sepalo postico opposita, propter stamina externa Ovarium quadricellulare, pilis rufis vestitura. Stigma pyramudato truncatum — Crescit in Siena Leoue.
2. N. LUCENS Hochstett. Nov. gen. pi. Afnc. p. 7. — Wiprs. I. c. * — Folus alterius abrupte pinnatis 2—3jugis, foliis obovatis integerrimis glaberrimis lucidis, racemis elongatis ternariis, pluribus longis, pedicellis biactolatis calycibusque dense puberulis, petals albis. — Tota 2—3 pollicana — Crescit ad Port Natal.

5608. PROSTEA *Combes.*

(Wiprs. Repert. I. 416)

1. PR. (RHUS E. Meyer In Drege Hb. n. Cap.) OBLONGIFOLIA Prsl. Dot. Rmikgn p. 40. — In floribus masculis petala squama barbata truncata duplo breviora inserta, discus hypogynus cyathiformis 5 dentatus, antherae lineares basi adhaerentes, & tamquam libere filamentosae villosissimas, flores foemineos ? fructus — Crescit in Promontorio bonae spei.

5610. SAPIXDLIS *Linn.*

(DC. Prodr. I. 607. — Wiprs. Repert. I. 416. V. 362)

1. S. PUBESCENS Zoll. et Montz. System. Verzeichn. der von H. Zollinger auf Java gesammelten Pflanzen pag. 22. — Iruticulosus folus 4—5 jugis, rhachide tereti, foliis alterius ovato lanceolatis integerrimis acumatis, basi inaequali attenuatis, utrumque adpresse pubescentibus, racemis compositis axillaribus ternariis, pedunculis rarisque pubescentibus, pedicellis 1—4 floris bracteatis, bracteis subulato 1-nerviatis, sepalis 5 ovatis margine ciliatis, petals 5 albo villosis ovatis, staminibus 8, filamentis villosis, ovario flavo piloso, stylo nudo, stigmate punctiformi. — Flores albi. — Crescit in sylva prope Tjokoya et in Manilla in Insula Java.

5624. LLAGUNOA *Rz. et Pv.*

(Wiprs. Repert. I. 421.)

1. LL. GLANDULOSA Wiprs. Repert. I. 421. — Gay, Flor. Chil. I. 370 f. t. 11. — *Aimrola glandulosa* Hook. et Arn. — *Orbignya infolata* Bertero, Mercur. Clul. 737.

5626. DODOVAEA *Linn.*

(DC. Prodr. I. 610. — Wlprs. Repert. I. 421. V. 368)

1. D. Schltd. *Linnaea* XX. G34. — Ilamts subtngono angulatis folusque oblongis angustis, mirinibus convexis, usque ad basin longe sensunque attenuatis (totis clavae formam fere referentibus), apice obtusis, mox emarginatis, mox mucronatis, mox tridentatis, glabris, utimque glandulosis, urciter 2 poll, longis, superne 4 lin. circiter latis. — Crescit in Nova Hollandia australi.
2. D. Schltd. 1. c. — Ramis tuquetro angulatis, foliis oblongo ellipticis, marginibus concavis et sursum obscure repandis, usque ad basin longe attenuatis (s. late lanceolatis, basi attenuatis), apice breviter acuminatis glabris, utrinque glandulosis viscosis, id 2¹/₂ p. longis et superne 9 lin. latis. — Ade&t specimen simile, sed angustioribus et paulo atutiouibus folis instructum, bipollicaribus et 5—6 lin. latis, ceterum simillimum. — Crescit in fovea Hollandia australi.

5639. KHXIOSMA *Blume.*

(Wlprs. Repert. I. 423. II. 816.)

1. *M. (MILLINGTONIA) PUNGENS Wall. — Wlprs. I. c. I. 423. no. 1. — Wght, *Icon, plant, t. 9G4/a.* et *Spicily. Neil^berr. I. 31. tab. 35.*
2. M. (MILLINGTONIA) SUMATRANA W. Jack, *Calcutta Journ. of the nat. hist. IV. p. 181. f* — Folus unpari-pinnatis, foliolis 3—6 jugis ovato lanceolatis, petalis nunciibus acutis, fructu ovato. \) — tiebctt in uisula „Pulo Nias" ad Malacca.

Ordo XLIII. HUMIRIACEAE *Mar this.*

(*Meliaceae* ex p. DC. Prodr. I. 619. — Wlpris. Repert. bot. syst. I. 425. II. 816. V7 372. — M. J. Roemer, *Familiar, natural, regn. vegetab. synops. monograph. I. p. 3—6.*)

Ordo XLIV. MELIACEAE *Juss.*

(DC. Prodr. I. 619. [extl. sect. 3.] — Wlpris. Repert. bot. syst. I. 426. II. 817. V. 373.) — M. J. Roemer, *Famil. natur. regn. veget. synops. monogr. I. pag. 76—126.*)

5545. XYLOCARPUS *A. Juss.*

(Wlpris. Repert. I. 433)

1. I. CARNOSULUS Zollinger, *Flora (B. Z.) 1847. p. 661.* — Folus pinnatis 2—3 jugis, foliolis oppositis subconato cirnosulis fragilibus obtusis ovatis, veinis purpurascensibus. — (lores innoti, fructus globosi, irbor speciosus alus paulo minor, corona globosa gracih. — Crescit ad litus prope Bomo et Pampang provinciæ liajuwangi in uisula Java.

ZURLOA *Tenore.*(Ten. (n. *Duchartre Révue botanique* II. 127.)

Calyx minimus quinquentidtus. Corolla 5-petala hypogyna, petalis subrotundo-ellipticis [albis carina rubra]. Nectarium subglobosum sive urceolus, in centro floris ex filamentis connatis oritur, apice 10 dentatum, ore pervio, intus totidem antheris instructum. Antherae biloculares ellipticae adnatae. Pistillum basi disco carnosissimo cinctum; ovarium simplex sulcatum, stylus conicus, stigma pelviforme. Pericarpium bacca corticosa, 5-ocularis. Semina. . . . — Flores in amplam paniculam ter-

minalem dispositi ex racemis alternis compositam; singulus racemus ex
cymis alternis dichotomis conflatus. Praefloratio valvaris.

*1. Z. SPLENDENS Tenore 1. c. — Z. *imiyms* Ten mss. — *Afzelea splendent* Hort
Cels.

Ordo XLV. CEDRELAGEAE R. Br.

(*Ueliaceamm sect. 3.* DC Prodr. I. 024. — Wlprs. ttepeit. hot. syst I 43fi. V. 37fi
M. J. Iloemer, Famil. natur. regn. ve^etab synops monogi. I. pag. 127 — 142.)

Ordo XLTL AMPELIDEAE Ktk.

(DC. Prodr. I C27. — VVlprs Reptit but. syst. I. 437. II. 817. V. 377.)

4566 CISSIS Linn.

- {*Cisws et Ampetopw* DC Piodr I 027 032 Wlprs. Repert. 1. 437 II. 817. V. 377.)
1. C. VITrOLU Boiss. Dia^n pi tut orient nov. VI. p. 31. — Glabernma ramis
coitice pillide biunuei vestitia tuetibus stiutis, jumoribus glauco vuentibus, inter
nodus petioli fere lon_iturimts, folus pctiolo us aequilon^o sulTultis p ilhde virentibus
tiuncato cordatis ovato lotundis ti msverse paulo lationbus, paium profunde sub 5 lo
bis, lobis 1 itiralibus saepe obsoletis, omnibus profundiuscule dentatis, dentibus tiun
gularibus acutis, cims nullis, ptdunculis oppo&itifolus petiolo longioribus pluuiis
dithotomis, ricemos coi>mbosos tonfeitifloios feientibus, bratteohs scanosis ovatis
obtusis ad dichotormas &itis, calyce scutellau mtegio obscure 3 sinuato eglanduloso,
flonbus vnc&ccntibus niiniii. t) — Folia 2^ poll longa, 3 poll, lati, pedunculi
1%—2pollitares, fiuttus amaii. — Cie&cit in rupibus abscissis ad radices montis
Kuh Daena Persiae australis.
 2. C. AEGIROPHYLLA Bnge. Arbtn. d. naturf. Veremes in Riga I. 193. f ____ Ecirrosa
glabernma. caule tertti, folus tiineivus late ovatis, basi tiuncatis, breviter acumi-
natis, grosse maequalitti acuminato dentatis petiolo tiiplo quadiuplove longioribus,
tymis dichotomis oppositifolus, flonbus quinariis stnuii&ve, petahs hbens, apice
cucullitis, baccis ovatis stylo persi&tente cu&pidatis 2—3 spermis subexsuctis. ^ —
Crescit in alpbis Kiratau ad Sarafbchan s>upeiiiem.
 3. *C. OFMCINALIS Klt/sch. Hot. Zeitun_ IV. 110. — Species mdescripta.
 4. C. (AMPELOPSIS) NEILGHLHRLINSIS W^bt Spitileg. Neilrfh I 32. t. 3G. et Icon,
plant, t. 905. — Folus conaceis palmatim tnfoliatis, foliolis mucionulato dentatiSj
intermedio late ovali acumtnato, lateialibus inaequilatens cum inteimcdio in acunie^R
»—rectum n_iacile desineutibus, cymis terminalibus pcduntulatis folio lon?inribu&, fl^{oT}
bus pcntaridns, petahs di&tinctis. ^ — Crescit in India onenfalt ad kottterghen^ *
Ncddawuttum.

4567. VITIS Linn.

(DC. Prodr. I. 633. — Wlprs. Reptit. I. 441. II. 817.)

1. *V. VIMITJU Linn. — DC. 1. c. no. 1. — De Vitis vinifeiae vanetatibus in G^*^l*
cultis cf. *Kolenati*, Bullet, de Moscou XIX. 250 — 371. et Atti del reale mstituto d>»^{mn}
corrugiinicuUiplle szieieue natuialt di INapoli VII. <J> sq.
2. *V. MURICATA Wall. — (Wlprs. 1. c. I. 442. no. 16.) — W^ht. Icon, plant Ind^{oT},
tab. 740.

4569. LEEA *Linn.*

(DC. Prodr. I. 635. — Wlprs Repert. I. 444. V. 378.)

- 1 L ASPERA Wall. mss. In R\ b. H. Indie. II. 4G8. adn. — Edgwrth. Transact, of the Linn. SOL. XX 30. — Heibarea folns bipinnatis pinnatisve, foliolis cordato ovatis acummatis, utimque pilosis, rynus axillaribus, antheris libens. 2J. — Ereita2—4-pedalis caule pubescente nee cnspato. folia pauca, mfeioia hipiunata, supenora uno lat»re tantum bipinnata vel pinnata, petiolo evalato, foliolis (5—(5 polhces Ion gis, 2 — 3 latis) cordato ovatis, subtto acummatis, aequaliter crenato dentatis, parallele penninervibus, utnnque scabris et pilis sparsis {praesertim in medio mtra nervos) Iiispidulis petiolatis, petiolulis breviter alatis, ala ad basin folioli expansa. Cymae decompositae, pedunculi pubescentes (breviusculi 2—3 poll, longi), bracteis subulatis hispidis, glandula lucida termmatis, peduelh luspidi, bracteolis o>atis obtusis scariosis Calyx 5 dentatus, dentibus obtusis, pctala basi connexa retoluta oblonga obtusa, utrmqup glinduloso stabra. Staminum uneolus brevis, filament is sterilibus oblongis bidentitis, fertihus petilis oppositis, apice libens, antheris supra medium affixis ovatis introrsis inter se libens. Stylus lon^iusculus antheias aequans. Hacca nigra. — Crt sat in Himila, ad alt. ped. 3000—5000.
- 2 L ALAT\ Edpnrth. 1 cit. — Herbaeia folus pmnatis, petiolo alato, foliolis subsessilibus oblon-;is s< iratis, cymis longepedunculatis, antheris connexis. 2j. — Erecta. caule scabro glabro sulcato Foliolis inferioribus brevissime petiolulatis, petiolo alato, superioribus scssilihus, ala petioli in glandulam reducta, oblongis penninervibus, nervis tertiaris rum nervo medio retum angulum formantibus reticulatis glabris, supra scabns, subtus laevibus (5—8 poll, longis, 2 latis). Pedunculi longt (8 poll.), cymae decompo&itae, bratteis cadut is, pedicelli dense ferrugneo pubescentes, bracteolis subulatis acutis glanduloso tiliatis. Calyx 5 fidus dentibus acutis. Corollae lacimae subemargmatae. Stimina stenlia oblonga cmir^inata, antliae latenbus inter se connexae, filimentis supra medium affixae. — DitTert a *L lurta* foholis glibris sessilibus petioli&que alatis, apice glanduliferis. — Ciescit in Himala et in montibus Si valitis.
3. L. AURANTIACA Zollinger, Flora (B. Z.) 1847. p. GG2 — SuITiuticosa. caule tereti inferiie glabro, superne punctato asperulo, folus pinnatis, foliolis ovato oblongis acummatis, basi obtusis, supra basin subduplicato-serratis glabris, calyce et corolla fere auiantiacis. 2J. — trescit in sylvis primaevis ad pedes montium Smiru cc. 2000—3000' s. m. in Insula Java.
4. L. SIMPLICIFOLIA Zollinger 1. c. — Caule suffruticoso ascendente, basi radicante, apicem versus nodis mcrabsatis, folus simplicibus obovato oblongis, glandulose repando crenatis acummatis, basi cordatis glabns, cymis oppositifolus vix villosu1is; calyce obtuse quinquedentato, coiolla alba, petalis acummatis, fiuctibus. . . .? 2j. — Crescit in bylvis ad pedem montis Lamngan prope klakka piov. Probolingo in insula Java.

f **Icon addenda.**

L. MACROPHYLLA Rxb. — (DC. I. c no. 5.) — Wght. Icon, plant, or. t. 1154.

Ordo XLYIL GERANIACEAE DC.

(DC. Prodr. I. 637. — Wlprs. Repeit *hot. s*)St. I. 445. II. 818. V. 379.)6045. ERODIInil *HCrit.*

(DC. Prodr. I. 644. — Wlprs. Repert. I. 445. II. 818. V. 379.)

- 1 E. INVOLULRATUM Kze. Flora 1846. p. 740. — Multicaule. cfulibus prostiatis Ascendentibusve, retrorsum hispidis, peduntulis multi- (5—7)flons; folus uifciiori-

bus ovato-ellipticis cordatis obtuse lobatis, lobis dentatis, caulibus palmato-3—5-fidis, laciniis serrato-incisis; stipulis bracteisque scariosis ovatis seu subrotundis; pedunculis sepalisque aristatis parce hispidis; petalis oblongis, calyce duplo longioribus (coeruleis); valvis dense, aristis sparsim hispidis. 2J. — Affine *E. hymenodi* et *E. Gussoni*, — Crescit in arcibus lateris orientalis montis Gibraltari prope ad oram maris.

2. *E. MANESCAVI* Cosson, Ann. sc. natur. (III. Ser.) VII. 205. t. II. — Perenne acaule. foliis pinnatisectis, rhachi inter segmenta lobulis dentibusque destituta, segmentis oblongis vel ovato-oblongis pinnatilobis; pedunculis 3—8-floris, rarius 1—2-floris; involucri bracteis latiusculis herbaceis coalitis; floribus magnis speciosis j sepalis abrupte in mucronem longum terminalis; petalis sepalis duplo longioribus; staminum fertiliū filamentis edentulis. 2J. — Khizoma crassum carnosum simplex vel aliquando apice furcatum, verticale vel subhorizontale, in radicem fusiformem terminatum, superne squamas lanceolatas fusco-scariosas (stipulas foliorum emarcidorum) praebens ibique vestigia pedunculorum anni praecedentis. Folia omnia radicalia erectiuscula, in rosulam disposita, laete viridia petiolata pinnatisecta, rhachi inter segmenta lobulis dentibusque destituta lanata, pilis articulatis, longioribus 8—13-articulatis, brevioribus 2—5-rarissime 1-articulatis, segmentis remotiusculis petiolulatis, infimis minoribus, superioribus in unicum 3—5-lobatum confluentibus, pilis brevibus inarticulatis vel uniarticulatis nitidis conspersis, oblongis vel ovato-oblongis pinnatilobis, lobis non medium disci segmentorum attingentibus dentatis vel integris dentiformibus, dentibus ovatis vel triangulari-lanceolatis acutiusculis vel mucronulatis; stipulae radicales lanceolatae membranaceae. Involucri bractee latiusculae herbaceae coalitae. Pedunculi radicales 1—4 decimetr. longi, 3—8-flori, rarius 1—2-flori, erecti magis minusve folia radicalia excedentes, striati pilosi, pilis articulatis, inferioribus glandulosis, superioribus tenuissime glandulosis, flore evoluti circiter duplo longiores, florigeri erecti, fructiferi basi angulatum pateutes ac sub calyce geniculatim ascerrentes. rariois magni speciosi purpureo-violacei. — Crescit in pascuis Pyrenaeorum humiliorum, circa Geten prope Larhus in valle Ossao, etiam in monte Biuet prope St. Christan in valle Aspe.
3. *E. PYRAMIDUM* Presl, Botan. Bemerk. p. 20. — Caule ramosissimo geniculis tumido; ramulis, pedicellis calycibusque glanduloso-pubescentibus; foliis pubescentibus oppositis, breviter petiolatis bipinnatifidis, superioribus subsessilibus pinnatifidis, superioribus sessilibus tri—quinelobis; stipulis ovatis scariosis; pedunculis bi—trifloris; involucri di—triphyllo; sepalis ovato-oblongis breviter mucronatis 5-nerviis dorso dense glanduloso-pubescentibus; carpellis rufo-villosis. 2j. — Crescit in Aegypto.
4. *E. LEUCOPHYLLUM* Presl 1. c. 26. — Caulibus, foliis calycibusque albo-tomentosis primo intuitu distinctum. Folia *E. pulverulenti*. Stipulae late ovatae obtusae scariosae. Petala rosea?, calyce obtuso duplo majora. Aristae pollicares pubescentes demum longe pilosae. — An nihilominus varietas *E. pulverulenti*? — *Iluc* pertinet & *laciniatmu* Decaisne. — Crescit in Arabia.
5. *E. ALSINIFLORUM* Delile, Ind. sem. Hort. reg. Monspelit. 1847. p. 7. — Diffusum prostratum: foliis pinnatisectis, lobis incisis subaequalibus, petiolis radicalium preis; flore stenopetalo albo. — Crescit?
6. *E. VEUBENAEFOLIUM* Delile 1. c. — Caule prostrato hispidulo; foliis pinnatisectis, radicalibus petiolatis ciliatis, ramealibus sessilibus, segmentis foliorum terminalibus confluentibus latioribus incisis j floribus umbellatis rubris. — Planta media inter & *cicularium* et *E. Botrys*, statura ad priorem spectat et habitu valde diminuto posteriori. — Crescit?
7. **E. CADMAEUUM* J.ub. & Spach, Ulustr. pi. orient. II. 1.189. - *E. Imcanthum* Boiss. — Wlpra. Repert. II. 818. no. 2.
8. **E. CHUMUWBENSE* Wght. Icon. pi. t. 1074. — (*Monsonia Lamiana* ?)

6046. OERIMUItl *Ihrit*

(DC Prodr. I 639 — Wlprs Ileprt I 447 II 819 V 379)

- 1 0. STIPULARE Kze Flora (B /) 1846 p 698 — Annuum pedunculis billons, pe ditellis dcdoratis d< flexis, petalis (coerulus) bisi cuneatis, apice bifidis, calyce breviter mucronato lon₀ionbus, valvulis trinsversim rugosis, anstis pubcscentibus, semimbus laevis, folus rtmformibus, 7 — 9 fid is , lacinus tufidis apculatis , stipu Its ovatis atutis scinosis ferrugneis, caule diTuso molhter villosu 0 — Crescit in arenosts isthmi G idit<yil
2. G TRILOPHUM Hoiss Diagn plant orient nov VI 30 — Annuum pilis patentibus molliter hirsutum caule simplici erecto parce ramoso, folus longiuscule pettoldtis r tunditis ftre ad basin 5 — 7 palmatifidis paititiombus tnlobis, basi cuneatis, lobis rotundatis, saepe dcntatis, floribus axillanbus terminalibusque paucis pedunculo us longiore suffultis s< pahs ov ltis lifrsutis carinatis bieviter anstitis vilde maequilatis, petalis calyce duplo lon₀i >nhus obovito cuneatis retusis roseis basi intense violaceis et utrmque cihatulis, fiuctu rostro recto eo piulo longiore terminato, valvulis dorso longitudinahter alato tricannatis profunde tnsulcis carinis m ir₀inahlius margine pectmato dentitis, dentibus cirinie angulo recto uisidciitibus, cirina media pro duct oi t uitegri mte carpelh apicem truncata evauida, semuubus laevis oblongis obtuse quadrangularibus 0 — Crescit in rupestribus montanis prope Dalechi et Geic Persiac auslrahs
- 3 G KOTSCnYI Boiss 1 c 30 — Rad ce crissa nodoso cyhndrlca, bisi sublateraliter tubercuhs {Jo bos is concatenatis aucta, caule erecto pumilo paulo supia basin bifur* cato nnusque pub(s< cnti cinrcis folus radicaibus nulhs caulims petiolatis subor biculatis p lmatim multifidis k< inns angustissime hucinbus floralibus sessihbus mini* nm lacmiis abbreviatis omnibus adpresse cinereis , stipulis scano&is trian₀ulari lan c olatis , flonbus in racemos umbclhformes 4—7 floros dispositis, pedicello us aequi longo bufTultis s< pahs tomentelhs ovatib anguste albo margtaatis mutu is, petalis roseis retufcis obo> ito cuneatis basi cihatilis, calyce tnplo longioribus, fiuctus i)s(i » apict in stylum lou₀iusculc attenuato 2j. — Cic&cit in ^laicosis piope nives m ntij, Kuh Uarfi prope Schua/;.
- 4 G MINAAE Tin Plant Tarlor Sicihae pag 25 — Perenne, gracile villosu caule ramoso dedmato folus rcnformibus, radicaibus caulmibque mfcionbub 5 (laro 7) lobatis, lobis brevibus cuneatis, pleiumque trident ltis, supremis tripartitis, lacinus lmcari lanreolatis integernmis im i&isve, petalis emarginato bilobis, calyce duplo Ion gioribus, carpellis nou ru₀&is adpresse sericeo villosib Z].
 @ carpellis sub_alabns
 Radix crissa fusiformis ramosa, caucis 3—6 polhcares dcrhnatl gracllhml ramosi, folia (parva) rcnformu vlrentia, 5 laio 7)lobi lobis cuneatis plcrumque tridentatis 1—1 % un₀uicul ma , radica ha longe petiolaU, petiohs 2—3 polhuaibus caulma, as< endendo demum sissiha, floiaha tnpartita, basi tmnciti lacmiis integcrrimis in cislve stipulac lmcari subul itae angustissimae eep ll i oblon^a obtusius< ula, glan dula nl₀ra rotundita terminata, pttala intense coeulca, calyce duplo IonJIOII un {uibus barbatis, carpella non ru^osa adpresse sericeo ullosa, in {? sub^labrati, anstis lursutis, pedicelh un₀uicul tres , semini oblong i (,libra laevia, pubtscmtia in uqunhs, in ciule pctiohs et pedunculis pitens in folus adprcssa — A *Otramo Py Tcnaico* L satis dislincta — Crescit in clittoribus moutosis aprU is lapidosls Sici Hae, a Isnello all i Costa, dell oro, al Ierro JMinaa, Q Monte di Cammarata
- 5 G GRANDIFLOIUM Ed_nwrth Transact of the Linn soc XX 42 — Pubescens caule ascendente vix ramos), folus longe petiolatis palmato quinquefldis, se^mentis 1)bato ihntatis , peduuculls folus lon₀ionbus billons, sepilis apculitis petalis mte gris, capsulis pilosis. 2]. — Herba bipedahs cauhbus trectibus pihs simplicibus dc flexis folia sct,mcnti& lobato dentatis mutronulatis infciora rotundata caulma opposita basi cordata. Peduncuh axillares bracteis in utioque pedicello buns subulatis acutis

- lursutis marcescentibus. Pedicelli et sepalorum ntrvl pills subviscosis patentibus tomentosi Sepal i ovata obtusa longe ipnul tta, mirgine mimbianaceo cihata, uitr i nervos pubescentia. Petala ma^na puipurea. Capsulae dense tomentosae, rostro longo puhesccente stabio. — Ciescit in Himala in pascuis elatis alt ped 9000—12000.
6. *G. AUDJUIINLNSE* Zollhngel, Flora (B Z) 1847. p GG4 — Caule stolomfero, folus longissime pctiolatis oibiculanbus palmato-7 paititis, lobis 3 — 4-fidis tiiphneivus, lacimis integus obotatis acutis, pedunculis solitams seu geminatis axillaiibus, petiolo brevionbus lursutis, medio bihractcolatis uniilons, bracteis linearibns acutis, lacimis calycis ovatis tnnervns mucronatis. Tota planta lursuta, peduncuh pilis apicem versus retiorsis, corolla rosea. — Crescit in rupibus montis Ardjuno et summit.itibus montium Tengger 8000—11000 s m. Javae onentahs.
7. *G. HYPOLEUCUM* Bnth. Plant. Hartw. p. 166. — Caespitosum cauibus brevissimis obtectis, foil is 5 partitis, segmentis profunde 2—5 fidis subpirtitisve, lacimis linearibus, supra petiohsque glahris, subtus argenteo senceis, peduueuhs brevibus uniflons, sepalis acummatis marline pilosis, capsuh? pubescentibus 2J, — Rami bre vi6Simi, stipulis imbncatis densissime obtecti Folia supia nitidula, diametro 5—6 lin. An *G. acaule* Humb. et Kunth? sed folia in hoc glabra dicuatur petiulis pilosulis. — Hacienda de Antisana.
8. *G. MULTIPART ITUIf* Bnth. 1. c. — Caespitosum cauibus brevissimis obtectis, fo Ins 5 partitis, segmentis profunde 2—5 fidis partitisve, lacimis linearibus, utrinque petiohsque pubescenti hutis, pedunculis brcvissums umflons, sepalis acutis extus undique pilosis. 2J. — Habitus praecedenti*. Folia diametro 4—5 lin. — Hacienda de Antisana.
9. *G. SIKB4LDIODES* Bnth 1 c. — Caespitosum cauibus obtectis brevissimis v. diffusis, folus piofunde 5*fldis partitisve, segmentis ovatis mtegris v. ran us bifidis margme cihitis, utimque glabris, petiohs reflexo pilosiuscuhs, pedunculis bievibus unifloris, sep ihs lanceol itis acutis ciliohtis, capsula puberula. 2J. — Rami quam in iluobus praecedentibus lixiorts, stipulis obtecti. Folia longe diversa, 3 — 3^ lm> I ita — Haciend i de Antisana.
10. *G. MGELLANICUM* Hook. fil. Antarct voy. of Terroi and Erebus 251. — Caule erecto? superne ramoso, pilis retrorsum patentibus lursuto, folus caulims pilosis longe petiolatis orbiculatis 5 partitis, lacimis 3 —5 fidis, segmentis lmean oblongis obtusis apiculatis, pedunculis pedicelh&que elongitib retrorsum lursutis, flonbus amplis, sepalis sericeo pilosis ovatis acutis, brevit^i anstatis, petahs obovato cu neatis retusis emargnati&ve sepalis tuplo longioiibus, ovarus senceis. 21? — Caulis gracihs 6—7 unciahs, superne parce dichotome ramosus, ramis divancatis, siccitate btriatis. Folia ladicaha?, cauha % unc. lata, fere ad basin partita, sinubus .itutls, lacimis cuneatis, segmentis ultimis ad apices rotundatis apiculatis. Peduncuh l^1^''''^ unc. longi, pedicclhs fere unciahbus. (lores magmtudme *G. Pyrenia*. — Crescit in insula Elisabeth.
11. *G. PATAGONICUM* Hook, fil 1. c. 252. — Caule erecto, pilis albidis patentibus l>^f suto, folus pilosis longe petiolatis orbiculanbus 5—7 partitis, lacimis obovato cuneatis 3 —. 5 fidis, segmentis oblongis obtusis subacutisve apiculatis, petiohs, peduncul>* pedicelhsque elon^atis retrorsum hispidis, sepalis ovatis In anstam acumuiatis s<^r1 ceo pilosis, petahs obovato cuneatis retusis, basi filamentisque cihatis, carpel^18 laevibus anstisque patentim pilosis, semimbus oblongis piceis, testa leticulata. 2j-^ *G. Caroliniano* pioximum, sed dilTert petahs calyce duplo longioiibus Caules 7 unc. aJ pedem longi, inferne patentim, superne retrorsum pilosi, parce ramosi I oha 2% ullC<^ lata, pilo&a, rarius glabnuscula, segmentis uliinis apicibus rotundatis apiculatis adJ tisve, petiohs interduni 3 unc. longis. Peduncuh infimi petiohs longiores, interdl^t 4 unc. lon^i, supremi breviores, omnes retrorsum pilosi. Flores ma^iutudine &• dissecti, sed petala calyce fere % longiora. Fructus fere 1 unc. longus, cari^eli>^ fu&cis obovatis. — Crescit ad Port Famine ad fretum Magellaiicum.

6047. MOTFSOMA *Linn. fd.*

(DC. Prodr. I. GOS. — Wlprs. Repert. I. 451.)

1. M. DRÉGEANA Presl, Botan. Bemerk. p. 2G. — Foliis quinquepartitis, parttionibus bl—tripinnatis, laciniis Uiiaribus acutis siiiu truiicato distinctis nee minime cuneato-decurrentibus, quemadmodum in *IU. speciosa* venit, pube minute adpressa (nee pills longiusculis patenti&simis) distincta. — Crescit in Promontorio bonae spel.

6048. PELARGONIUM *Hérit.*

(DC. Prodr. I. 649. — Wlprs. Repert. I. 451. II. 820. V. 380.)

1. *P. ENDLICHERIANUM Fenzl. — Wlprs. 1. c. II. 820. no. 1. — Atlas zu Russeggers Reise lift. 2. tab. 3.

6049/r. AULACOSTIGMA *Turczan.*

(Turczan. Bullet, de Moscou XIX. 149.)

Calyx pentaphyllus regularis persistens. Corolla nulla. Stamina 10 hypogyna, filamenta capillaria libera, calyce paulo longiora persistencia, antherae introrsae biloculares incumbentes, longitudinaliter dehiscentes deciduae. Ovaria quinque sessilia axi centrali 5-sulcato adnata, facile solubilia biovulata, ovula placentae comosae angulo centrali longitudinaliter inserta, extremitatibus duabus affixa. Stigmata quinque sessilia carnosae longa compressa, sulco longitudinali dorso exarata. — Frutex humilis ramosus inermis: foliis breviter petiolatis parvis elliptico-lanceolatis acutiusculis integerrimis, supra glabriusculis, subtus parce puberulis cinerascentibus, floribus ad apices ramorum ramulorumque subumbellatis; calycibus pubescentibus raucronatis, intus lutescentibus; ovariis tomentosis.

1. *A. INERME Turcz. 1. c. 150. — \) — Crescit in regno Quitensi.

6051. WENDTIA *Meyen.*

(Wlprs. Repert. I. 460. V. 380.)

1. W. REYNOLDSII Endl. rass. in Wlprs. Repert. I. 460. — *MartinkHa polentilloides* Guillem. in Deless. Icon, select, pi. III. 23. t. 40.

6052/L. HYPSEOCIIARIS *Remy.*

(Ann. sc. nat. [3. Ser.] VIII. 238.)

Calyx quinquesectus, laciniis obtusis, aestivatione quincunciali. Corollae petala quinque hypogyna, calyce longiora oblongo-obovalia, aestivatione contorta. Stamina 15 hypogyna uniseriata, calyce sublongiora aequalia, filamenta subulata, basi in urceolum coalita, antherae biloculares introrsae oblongae, longitudinaliter dehiscentes. Ovarium liberum sessile quinqueloculare quinquelobum. Ovula in loculis complura, biseriata in angulo centrali inserta horizontalia. Stylus quinquecostatus, Stigma capitellatum subintegerrimum.

1. H. PIMPINELLAEFOLIA Remy 1. c. 239. f — Foliis radicalibus plnnatisectis, foliolis breviter petiolulatis, obtuse crenatis glabris, basi rhachidis trifoliolatis; scapis pluribus axillaribus 3—4-Qoris, floribus subsessilibus; pedicello basi bracteato articuloque. — Crescit in provincia Valle Grande, in siccis graminosis summarum Audium ad Rio grande haud procul a Puccara, alt. circ. 3000 raetr.

6053. VIVIANIA *Cav.*

(Wlprs. Repert. I. 4G1.)

1. V. TENUICAULIS Barneoud In Gay, Flora Chilena I. 402. + t. 12. — Caule tenui annuo herbaceo, ad basin simplicl, apice subramoso; radice exlli; foliis oppositis oblongo-ovatis dentatis sesslibus obtusiusculis, subtus cano-tomentosis et nervosis, ad

ramulorum bifurcationem saepe quaternis, vane distinctis, floribus albis minus
dichotomy cymosis, pedunculis gracillimis elongatis, capsula pubescenti, seu imbricatis
ovalibus glandulosis. — In Chili ad Coquimbo.

6054. *Chrysanthemum HOOKERIANUM* Poepp.

(Wlprs. Repert. I. 461.)

1. *C. ELECANIS Poepp. — Wlprs. 1. c. — Barneoud in Gay, Flora Chilena I. 404. \ t. 13.

Ordo XLVIII. TROPAEOLEAE Juss.

(DC. Prodi I. 81 — Wlprs. Repert. I. 463. II. 820. V. 381.)

6062. *CHYMOCARPIS* Don.

(Wlprs. Repert. I. 465.)

1. *CH. SPECIOSUS Wlprs. mss. — *Tropaeolum speciosum* Poepp. et Endl. — Wlprs. Repert. I. 465. no. 7 — Hook. Bot. Mag. t. 432. J. — Paxton, Misc. Bot. 1847. pag. 17. c. Ic. — Van Houtte, Hold. del. Gev. Ichsh. mscr. III. t. 281. — Specimen in herbario Hort. Bot. Vindob. in horto Deckenauo Rerohm multa characteres generis *Chymocarpis* exacte demonstrant.

6063. *TROPAEOLIS* Linn.

(DC. Prodr. I. 83. — Wlprs. Repert. I. 465. II. 820. V. 381.)

1. TR. *CREVALANTIS* L. f. Bot. Mag. t. 4245. — Chili in montibus siccis foliis peltatis semiorbibus vel quinquelobis, lobis obtusis vel retusis cum mucronulo, petalis calicem aequantibus subsuperantibus obovatis patentibus subaequalibus, apicibus truncatis subbrevibus, duobus superioribus «diaguineo lineatis. 2. — Crescit in Peruvia.
2. TR. *RHOMHOIDEUM* Lamour. in Van Houtte, Flora der Gewächshäuser III. t. 236. adn. — Tuberculo perennante, volubile gracile foliis quinquifoliis [interpetalis minimis, foliolis ovatis obtusis, medio mucronato minore, calyce amplo campanulato acute grosseque quinquelobis, lobis subquadratis apice piano rotundatis mucronatis, calicariis parvis vtrinque mucronatis, tubo calicis depresso, calicem depresso, petalis brevibus connatis subaequalibus, parum extus reflexis luteis, basi rubro fasciatis. 2. — Affine *Ir. Ictophytlo*, *tenello* et *eleganti*. — Crescit in Chili.
3. TR. *ALBIFLORUM* Lamour. mss. in Van Houtte, Flora der Gewächshäuser III. 241. — Glabrum rhizomate tuberculoso lignoso perenne, caulibus gracillimis elongatis volubilibus, foliis parvis glaucis 3—5 digitatis sectis, segmentis inflexis non semel fissis, petiolo brevissimo, pedunculis solitariis longissimis, calycis tubo quinquelobato, segmentis interpetalibus deltoideis, calicariis gracilibus longe longioribus, petalis magnis albidis plicatis undulatis, inferioribus longe angustissimeque unguiculatis, fundo aureo purpureo lineato et punctato. 2. — Ploper accedit forma et magnitudine durum ad *T. polyphyllum* et *speciosum* Poepp. et Endl. sicut et ad *7. edule*, sed abunde differt. *Iropaeuhun Popelar* vel *Poplarx* Hort. — Crescit in Peruvia aut Chili.
4. TR. *KDULE* Morr. Ann. de la soc. d'hortic. de Oand II. 44¹. t. 98. — Cuius volubili tereti gracili, foliis pseudo composite peltatis sexlobis, foliolis (segmentis) oblongo lanceolatis, utrinque attenuatis, glabris, petalis subconformibus obcordatis, calicem aequantibus undulatis integris, margine fere perennante emarginatis, calicem acuminate. 7. — Crescit ?
5. TR. *HOOKERIANUM* Barneoud in Gay Flora Chilena I. 415. f. — Radice tuberosa, caule basi ramoso, caeterum simpliciter longo volubili glabro tenui, foliis parvis peltatis 6—8 lobulis, lacinis profundis oratis vel obovatis angustis, utrinque glabris, oh

tusis, apice •!* acuminata, potiolis gracilibus longis, in cirros saepe contortis alternis, flonbus luteolis parvis, semper fasciculatim S — 8, approximate solitams et secus ramos in pedunculo aëllanbus, calcau brevi saccato, caljcis segmentis ovatis coiolla broionltus, petalis 5 tonformibus unguiculatis, apice parum emargmatib. 2].^ — Cr*hcit in Chili ad Coquimbo.

- b. TR. UMBhLHI mi Hook. Bot. Mag. t. 4337. — Van Houtte, Flor. dr. Gewhshsi. HL t. 302. — Glabrum scandrns. foliis subpeltatis cordato qumquelobis, flonbus um bellatiti, caljce cylmdraceo, calcau obtuso subcurvato lon^iore, petal is spathulatis rectis acutib, 3 cahcem superantibus, 2 mmimis sijnjainaefoiiuib. 7y— Crescut prope Quito in monte Pilghum elevatione 7000 pedunu

f Iconcs addcndae.

- TK. ADUNGUM Sm.—Paradis. Vmdob. fasc. VI. (c. ic.)
 TR. AZUKEUM Miers. — (Wlprs. 1. c. V. 381. no. 1.)—Van Houtte, Flor. d. Gwhshsr. II. Hft. 5. t. 7. — l'andis. Vuidobon. fasc. XV. (c. ic) — (*Rixea azurea* Alorren, Ann. de la soc. d liortn. ilt Gind I. 225. t. 22.)
 TR. DIPETALUM H/. et Pav. — (DC. 1. c. GS4 no. G.) — Morren, Ann. de la soc. d'hoitu. de (>md H. OS. t. 57.)
 TR. LOHBIANUM Hook. — (Wlprb. I. t. V.381. no.6.)—Van Houtte, Flor. d. Gwchshsr. II. t. 3.

Ordo L. BALSAMINEAE A. Rich.

(DC. Prodi. I. OS5. — Wlprs. Rtpert. 1.407 IT S21. V 3S2)

6060. IMPATIUKfe / / /

(*Impatient* Riv. et *BaUamina* Riv. — DC. Prodr. I. (>s^ (>K7. — WJprs. Uiptit I. 117. II. 821. V. 382.)

§. 1. *Foliis alternis.*

1. L AMPLEXICAULIS Edgwh. Tiansact. of the Linn. soc. XX. 37. — Folus oblongs sensim acuminatis argute crenito serratis, galea obtusa, talcan subito mturvo , vexiHo subiotundo, cap&ula teieti acuta. 0—Caulis ercctus parte lamosus (1 — 3 peda IIN) quadrangulus, ad nodos glandulosus purpurascens glabei. 1 olia ses&iha, luferiora opposita, supeuora alterna subamplexitauha, ad basin glandula hemisphaenca stipulata, olilon^i binsim acuminata, argute crenato ^errata, seiiatuns in lateie superiore ad medium uiutronulatis. liracteolae ovatae membianaceae. Sepala duo superiora ad basin vexilli mmuta, oblique oblonga vel faltata, 2 — 3 dcntata, margine glandulo&a, duo lateiaha oblique cor data, inferius galeaefuimc subobtusum, subito In caltar breve ad lettum augulum uiturvum obtusum uitegrum desinens. Vexillum subiotutidum, alae inaequahter bilobae, lobo infenore subrotundo, supenore ovato maculato. Capsula subcylindracea apice acuta. Sapoie *Tropatoh naUurtii.* — Crescut in Himalae uobiosls, alt. ped. 7000—8000.
2. I. MOSCHAIA Ld,(with. 1. cit. 38. — Foliis crenato-serratis, serraturis apice mucionulatis, glanduhb btipulaceis auutulatiS) galea obtu&a; capsula clavata. 0 — Gla bernma eretU ramosa, caulis sub lente canahculatus purpurascens (3—b pcdalis). Irolia subveiticillaU et alterna, grosse argute serrata, basi obtusa aequalia vel obh qua, apice longe acummata, petiolo glandulis duabus auncuUtis stipulate. Pedicelli apice innasbati, biatteolis ovatis lauceol itisve acutis. Flores rosei. Sepala duo •upenora lateialibus plus duplo brevioia ovata, laterah i oblique cordata, vexillo bre viora, mferiub giliacfoiine pillidum, buluto in calcar breve recurvatum desmens. Veiillum alis brevius subrotuudum. Alae bilobae , lobo Infenore Iameolato acuto, •upetioie rotuudato apiculato. Capaula subpentagona subvenucosa, apiculate fusrfor

- mis vel clavata. Semina subsphaenco turbmata rugobsslma albo et brunneo vane gata, odore pessimo moschato — Affinis *I glanduhgerae* Royle, differt folis ^rossius serratis, minus { ' mdulosis Affinis etiam *I macrochilae* Jjot Reg.— Crescit in syl Vis Himalae alt ped 8000 — 0000
- 3 I GIGAMF V Edgwrth 1 cit —Mucrone crenarum lateral!, glandulls petiolanbus nigris ampullareis, galei magna amphoraeformi obtusissima subito in calcar uiturvum fihforme de&inente , cipsula tereti O — Heib i (Jaberrima annua 4 — 15 ped ilis Cau Its fi&tulosus (quandoque 5 pollices in dnmctro) teres, ad nodos glandulis bpar&is, ra mosus Petioli utrinque {1 indulis 2 mgm ampullat eis id b ism folu instructi, ere narum mucrone in mtdio latens supenons lateialis Racemi plerumque p mciflori, bncteis lanceolatts apice glandulosis Sepala superiora 0 vel mmutissimi lateraha oblique cordata, infenus apice prolongato icuto, am pi um ampborifoime obtusissim, subito til can ten ui rectangule recurvato terminatum purpureum Alie bilobae roseae, lobis dolibnfoimibus, infenore lon_niore Vexillum lotundttum, dorso sub carinatum Cipsula teres aequalis, breviter acuta. Semina ru_posa — Crescit in sylvis Himalae
- 4 I AMPHORVTA Eilgwrth 1 cit 30 — Crenarum mucrone basihn, ^lmdulis stipularibus pediceliatis, {alea amphoraeformi obtusissim i, calcan incurvo, alaium lobls Inaequ iliter dol ibrifornubirs, vexillo enstato, cipsula lineui subtereti. 0— Glaberna erecta 1—3 pedilis purpurascens ciulis ramosus teres id nodos tumidus Folia ultima, serratuns prope basin mucronulatis, p< tiolo ^landulis duabus pediceliatis stipulato Pedicelli bi_olandulosi (lores puipurei S<< pala duo superiora glanduh formia vel nulla, duo lateralu oblique cordita, inferlus amplissimum amphoraeforme obtuMSSimum, subito c ilcan lon_omsculo sursum incur) o teiminitum Vexillum ova turn, extus carmato ilatum, icute enstatum. Alac bilobae, lobis imequalibus dola bnformibus. Capsula teres lineans Semina stnata rugulosa. — Crescit in sylvis Him the, alt ped 5 — 7000.
5. I UMLJROSV Fd_bwrth 1. cit 39 —Mucronulo serraturum supra medium lateiali, glandulis stipulaceis obtusis sessihbus, pedicellis glandulosis, galea subanipbonformi bensim in cilcai attenuata, cipsula tereti subtorulosa. © — Glabemma erecta ramost vK purpurascens, 1 —2 pedilis, caulis striatus Petiolus glandulis duabus obtusis stipulatus fcofia alterna, serratuns supra medium laterahter mucronatis Pedicelli apice incrassati glanduligen Sepala duo bupenora 0 vel glanduliformia, duo laterala oblique cordata, inferius lar_pum ampliatur, faucis apice elongato apiculato, ex amphoriformi infundibuliforme, sensim in calc lr incurvum attenuatum Vexillum breve rotundatum carinatum apiculatum Alae bilobae, lobo mferioie longiore ob longo, bupenore rotundato. Capsula teres 1 means subtorulosa. Semina glabra lae vissima rugosula. — Crescit in montibus Himalae.
- G I. PALLETS Edgwrth 1 cit 39 — Mucrombus serraturarum subbasilanbus versus apicemfolu longis glanduligenis, glandulis stipulaceis inaequalibus auuculaeformibus, pedicellis incris&atis eglindulosis, galea sensim in calcar involutum attenuata, capsula tereti subtorulosa ohgosperra 0 i — Ghberrimi, caulis basi nudus teres stnatus, vix ramosus (pedalis), petiolus glandulis duabus inaequalibus cochleatis vel auriculaeformibus stipulatus Crenarum mucrones subbasilares, versus apicem folu longi glan Juligeri Pedicelli apice incrassati eglandulosi Sepala duo superiora minima, *e xillo subadnata, lateralia cordata, inferius fauce ampliata campano infundibuliforme> apice dorso mucrone aristato sensim in calcar elongatum apice subinvolutum attenuatum, intus maculatum Alae bilobae, lobo infenore lon_{pe} oblongo, superiore gibboso rotundato Vexillum breve carinatum apiculatum. Capsula teies lineans, ~~utrinque~~ attenuata acuta subtorulosa, basi longiusculc a&perma Semina pauca 2 — 4 rugosa* — Ab *I. umbrosa* differt statura minore, colore pallidiore, crenaiumque mucronibus longionibus subbasilanbus, an satis di&tincta? — Crescit in Himala ad alt. ped. 3-'' 6000, id npas rivulorum Garhwal
- 7 I. LAXIFLORA Edgwrth 1. cit. 40 — Caule 6ubalato, mucronibus serraturarum basi'' laribus, glandulis stipulaceis utnnque 3—4 sessilibus 0 — Glabra. caulis erectus teres

id nodus tumidus, 2—4 ped illis, petulis decurrentibus subulatus, mucrones crenarum omnino bibras, petiolus glandulis 3—4 parvis sessilibus stipulatus Racemi multilobis pedicellis lobatis ipice incassatis fimbriatis, bracteis ovatis in apiculis, Urdulibus tontratis Sepala bupnori 0 1 lateraliter ovata inflexa fauce brevi in altitudine sum rectum vix apice tortum sensim elongatum imbricatum mienlis luteis purpuratisque notatum Alie bilobae lobis supero erecto obovato pallido luteo maculato uertere primo laucolato roseo vexillum rotundum cucullatum doibonitum 1 ipsi teres bubarulosa seminibus rugosis — Citescit in Himala ad alt ped 7000 — 8000 id ripas lividum Strain etc

- 8 I. MICRAMBIUM d. 1 tit 40 — Mucronibus crenarum Insularibus, foliis ad basin glandulis duabus stipulatis utrinque instructis glandulis stipulicatis sessilibus Q — lobis taulis tractus lamina teres ramulosis nervis consertis petiolo de ciliatis subulatus, x u — 4 pedalis, lacina 3 — 4 lobis biacteis linceolitis imbricatis lan dulibus pedicellis ucras batis ciliatis mdulosi, bipala duo super nervis; liliidulifolium literaliter paiva liliolitis inflexis tubulosum bincini in calce lectum prolongatum fuit brevis lupid apiculatis Alie bilobae longevae, lobis superiore elliptico inferiore rotundato Vexillum cutellatum benthali lericum Capsulae bibras viridatis, seinina fulcolata rugosa in hunc nunc raris urenti notata Mores minimi albidum gal PI lost t Juttoque m u ulat i

^ purva 4 — 0 p. Iituis omni parte minor tilar saepe in siculum pirulium reductum — Crebit in uipibus umbrosis Innht

- 9 1 LL VI VI glandulis 1 tit 41 —] i t t t a t, ! ibia I un » s i p illida, glandulis nignis conspersa Lienaium niulombus subapiculanbus ad h ism folii (glandulis, eris, calcari ru to vexillo cucullato, tabulis tittis semibus iudobis 0 — 1 — 4 pedalis caulibus pillidatis, petiolibus deuiantibus subulatus, citu uuni tmicronibus subapiculanbus, ad babin iulu clonitis glandulis Petiolus (Jaridulibus oblongis porci tii stipulatus, latenu p d u t i l l o n , p i d i c t i h a p u e m c r a s s a t i ^ I i n t u l o & l , i l o s m i n i m u s i l b i d u s c i l r a r l e c t u m , \ c \ l l l u m c u c u l l a t u m , a l a c b u b p l a m t < a p s u l i t e r * j s l i m n i s o h o s p e i m i , b l i u i i i a r u f e u s o b t r i d t x — L r e b t i t i n H i m i l i d i t i t p t d J O — 11000 }

- 10 1 KCFMOSA l d o w r t h 1 t i t 41 — I recti parva floribus luttis, Lilt-ini (t) crcauam mucioibus basilibus 0 — Paivuli 4—10 pollitatus, v l r i m o s t n l) b t r l i m a (d u h s i n f i t t i t h , s u p r a s u b i n d i l t t u s m a t u l i t u b c r t n a i u m m u c r o n e s o m n i n o b a b i l a r t h l i i a c t t o h e n u n i m a e ^ l a n d u l o s a t t i l c a r , f i u c t b r e v i , l o n u m r c l u m v e l s u b m e u i v u m V i l l u m d o r s o t a i m a t o i n s t a t u m c u t u l l a t u m C i p s u l a l i n e i n s t e r e s — C i e s c i t i n H u n a l a a d » t p e d 7000 — 8000

- 11 I IIMjhn' * L d s M t h 1 c i t 41 — Cicuarum murrionibus subbibilibus glandulis stipulatis, bapalis lateaiibus ininimib taltaii bubiecto iluum ciudas nuludntt 0 — Lauhb t t i c h a d n o d o s t u m i d u s t l a b e r r a m o s u s p i l l u l e v i n n s , (g l a n d u l i s n i t , r i s v e s t i t u s , p e t i o l i b d e t u i e n t i b u s s u b a l d u s t P e t i o l i u t r m q u i u ^ l a n d u l i s p a r v i s a u n f o r m i b u s s t i p u l a t i C r e n a r u m n i u t i u n g s s u b b a s i l a r e s u i f d i o i t b e l o n p a t i (g l a n d u l i g e r i K a c e i u i 2 — 15 f l > r i b i a t t e i s o > d t i s a p i c e ^ l a n d u l > s i b p t d i t t l l e s a p i c t i n c r a s s a t i s e g l i n d u l o s i s S e p a l a s u p e r i o r a 0 , J a t e a l i a m i n i m a , o b l i q u e o v a t a a t u t a m u t r o n a t a , i n f e r i u s t u b u l o s u m m a r t i n e b i c v i s i n i u i t u t o , b a s i q u a n d o q u e i u d o s u m , s t n s i m i n c a l c a r l o n g u m r e c t u m v e l a r t u i t u m p i o l o u g a t u m A l a e 3 — 4 l o b a e l o b u s (p e t a l u m) s u p e r i o r 1 — 2 l o b u s b t p m e n t o i n f r i o i e r o t u n d a t o s u p e i o r e d e n t i f o r m i a t u t o v t l n u l l o l o b u s (p t t a l u m) i n f e r i o r b i l o b u s , s e g m e n t > s u p t r i o i e s e m i o v a l i p i a n o l a t e r e r t t t o a d a l a m a l t e r a m a p p r o x i m a t o i n f e i o i e l o n b o l i n e i n i t u m i n a t o , i n t r a s e p a l i t i l c a r p o r r t c t o m t l u s o V e x i l l u m r o t u n d u m c u t u l l a t u m d o r s o v i x c r i s t i t u m C a p s u l i t t r e s a t u t a i s t n u u a r u o s a — S p e c i e s a b a l u s d i s t i n c t u s i m a v a n a t f l o r i b u s r o s e i b v e l i l b i s n n j o r i b u s v e l m i n o n b u s l i e i b a 2 — 3 p e d a l i s r a m o s i s s i m a , s i t c a h e i b a n u m < o l > r e l l a v i d e f u s c o t i n s e n s — C r e s t i t a d r i p a s u v u l o r u m H i m a l a e , i d a l t p e d 5000 — 6000

§ 2 *Fulvis verticillata*

- li I GARDNLIANA \ \ o l i t S p i t i l N e i l f e b t i r I 3 b e t I t o n p l a n t I n d o r t I O J O — D i (T u s a) l a b i a , p r i m u m d e t u m b t n s i d n o d > s r a d i c a n s , d e m u m a s c e n d e n s f o l u s t e r

- ins \ ifnillatis breviter petiolatis ovato lanceolatis acute fi« rratiss, sen, ituns infeno ulius M(OSO apiculatis, pedicellis solitariu> folio longioribus filiformibus, bepalis late ralibus ovato acuminatis quani petala brevionibus, auteriori ovato apiculato, calcari filiformi flortm bub tequante apueque bubgibboso, posteriori pct.iloium lacunas postl cas bubaequante, petalis obovatis obtusMS&imiss, lacimis sup» uonl»us paium lireviori bus quam antica latiora, cap&cula oblonga apiculata glabra. 0 — Crescit m moutibus Ni a_ikiucis ocudentalibus.
13. I. PL\1YPK1ALA JUitll. Hot.Regist. 184C. t. 08. -^ Van Houtte, I lor. d Gwhshsr. **III.** t. 215. — Perennis tuberosa glabra. folns vertit illatis oblon^o lanceolatis, argute sciiatit, petiolis eglandulosis, pedunculi* millions, folio biuvionibus, calcan filiformi falcatu aequahbus, petal is tiau&veiMS obcoidatib, ovario glabro. 2j. — Crescit IU ludia onuntali.
14. I HAI)ir\NS Zull. et Moit/i, System. Ver/. der von II Zollinjer auf Java gesammeltin Pflau^en p.ig. 14. — Laule radiLautc atl nodos folia f iscicul ito verticillata gerente, folus lon^u pctiolatis lanct olatis anstato sinatis, subtus o^laucis, pedunculis aillaiibu& umllois folia subacquantibus (petiolum longe supeiantibus), corolla rosea in un^uiculis petalorum puipuco puuetata, calcanbus subulato lineaiibus iloic bublon^oioibuji. 2j. — In moutc Pangciango ultia altitudmeiu 8000 s. m. in uibula Java.

t **Irenes** oddendac.

- I. ALDIDA W^ht. — (Wlprs I. c. I. 4fi7. no. 2.) — W_o-bt Icon, plant, t. 743.
- I. CAMFANULATA Wglit. — (VVlprs. I. c. 471 no. 37.) — Wglit. I. c. t. 744.
- I. CUSPIDATA Wght. et Am. — (Wlprs. I. c. I, 408. no. 8.) — Wglit. I. c. t. 741.
- I. DASYSFERMA Wght. — (Wlprs. I. c. I. 469. no. 10) — Wglit. I. c. t. 742.
- I. FASCirULATA Lara. — (Wlprs. I. c. I. 474. no. 04) — Wght. I. c. t. 74S.
- I. UtiniCOS* DC. — (Prudr. *L itS2.* no. 11.) — Wght. I.e. t. Obfi. et Spicil. Neilglu rr. I. 35. t. 37.
- I. INCONSPICUA Bnth. — (Wlprs. I. c. I. 4G4. no. 68. et Emend.) — Wght. I. I. c. c. t. 970. et 35. t. ill.
- I. KLIKIMI N_n^t. et Am. — (Wlprs. I. c. 475. no. 60) — Wght. I. c. t. 884.
- I. LfS< IIEAULTII Wall. — (Wlpis. I. c. 407. no. 4.) — Wght. I. c. t. 741. 970. «t Spicil. Neilgherr. I. 36 t. 42.
- I. MODFST\ W^bt. — (Wlpis. I. c. 473. no. 5J) — Wght. I. I. c. c. t. 968. et 35. t. V>
- I. MU^RONII Wght. — (Wlprs. I. c. 400. no. 18. et Emend) — Wght. Ic. pi. t. 104<>
- I. OPPOSITIK)LIA Linn. — (WJprs. I. c. I. 474. no. 67) — Wght. I. c. t. 88J.
- I. RIVALIS Wght. — (Wlpis. I. t. 473. no. 54) — Wght. I. c. t. 731.
- I. ROSMUUNIFOLIA Itet/ — (Wlpis. I. c. 475. no. 72.) — Wght. I. t. t. 750.
- I. RUJESCENSilnh. — (VVlprs. I. c. 474. no. 0J. et Emend.) — Wght. I. c. t. 9>>>. et Sp' cileg. Neilgherr. I. 33. t. 40.
- I. SCAPIFLOR* Heyne. — (Wlprs. I. c. 473. no. 55.) — Wght. I. I. c. c. t. 967. et 1.33. t. 38.
- I. TOMENTOS* Heyne. — (WJprs. I. c. 474. no. 06.) — W^ht. Icon. pi. t. 740.
- I. UMBEL L AT A Hryne. — (Wlprs. I. c. 470. no. 28.) — Wght. I. c. t. 745.
- I. UNUNATA Wght. — (Wlprs. I. c. 471. no. 36.) — Wght. I. c. t. 747.
- I. VISLIDA Wght. — (Wlprs. I. c. no. 38.) — Wght. I. c. t. 746.

Ordo LI. OXALIDEAE DC.

(DC Prodr 1 184 — Wlprs Kcpeit but syst I 47b 11 bil V. 383)

6058 OYALIS Lmn.

(Dt Pioilr I 490 — *Biuplytum* DC. Piodi I 089 — Wlprs Uepeit 1 47b. II 821 V 383)

1 *O. ENNEAPIIYIH Cuv — DC Prodr I 702 — Hook fil AntiiU vov of Tir ior and fcn bus ijJ

I. pumila minor, tota pubesens — *Ox putnila* d Urville — Repirt I 483 nd. 89.

X O fcCKLOMNA Prsl Botin Bemerk p 28 — Acaulis pilosa bulbo .. , foliis petiolo polh in patuitissimo pluso m&identibus trifolio Utis foliolis subaequalibus (sub 3 lintaliltus) stsstlibus obcordatis subntusis, longe ciliatis p labns, snbtus puuc Utis, scapis folio dinudu) v duplo lon_nionbus, t<*ritibus pllosis ipi< e bibricta tis, braiteis setacels, tilycis tubo corolla duplo brevior piloso , laumis lanteolatis acummatis erertis, fctamiinbus iiterionbus stylos super mtibus 2j. — < oiolla mi^nitu dine *O speciosae* IUva Ab *O fullate* foliis tihatis , In icttis iifru il><irns, < ihte atuto et styli& brevionbus differt. — Cresut in arenosis prope (jiunpomt ad taput honae spei

J O PI(HINLHFNSIS Biith Plant Hartw p. 16Q, no 931 — Caule lignoso ramoso, rimis tomentosus, stipuhs adnatis, foliolis omnfbas ternumlibus olxorditis utiique pilo&is, subtus pullidis, pedunculis 2—7 floiis, calycibus pilosulis, filamentis longioribus stylis qui villosis t). — C lules 3 — b peddles , ram is lavis tenuibus (ft XUOSIN , stlpulir mcmbrmateae, usqu< ad 3 lln lon^ie, oblongae, in folusmij nlius folioU 8—0 lin lon_na, petiolo fere pollitari, folioli tamtnpl rique minora petiolo brt \ioie, omni apice smu acuto piofundc emir;inata, pedunculi petiolo longiores, satp< luñdi pedicelli loii!>iusruli — Hoies mi^iitudine *O. acfto&ellae*, in SICLO flavi videntui — In detlivitate montis Picliincha altit 11,000 ped

4 O MAUIIMA Uarneoud in Gay, !•lor Lhileri i I 424 — GUBra lineans rliuomate brevi eret to squamoso siepe multt ipiti, pctiolis b — 10 poll lon_nit>, apice rhi/omatis subconftrtiti glabris tenuibus carnosulis, scapo brevionbus, foius teinatis, foliolis tribu& filifornii lineiribus acutis, supia glabris, subtus pubtrulis inttgns, 10 — 15 ltn longis, flonbus ^labns ver&u oloribus, canuleo et luteo mi it is parvis 8 — 20 cor>mbose peditellatib id ipicem scapi carnosu, culycL miequali petalis l>revion, ovario glabro lotulis polysptrmis, bemiubus transverse sulcatis 2j. — Affinis *O Bndgesn* *> Cresct in Cliili prov Coquimbo

5 O GAUDICIIUDII Unrmoud in Gay, flora Clulena I 425 i — Ghbiiuscula lmea ris radice crassa (aulebnvi squimoso, peti ilis numerosib glabris, 10—12 poll, lon^is, erectis, scipo brtvionbus, folus teinatis, foliolis 3, lineanbus angustis inte germis acutis lon-,is, hubtus pubescentibus, flonbus rufo pilosis, apice 6tapi fisci oultim 8 — 1 > subcoiybosi*. pirvis, pttilis luteolis, stanumbus 10 inaequ ilibus, filamentis e basi a I nudium (onnatis puberulis, ovano glibro, locuks pol>spermls 7. — Affims *O Bndgesn* — Crescit in prov Chileusi Coquimbo.

** O GIGANTIA Barneoud m Gay 1 cit 433 + — Frutex 3 — 6 pedalis arboreus, radice h_niosaperenni, laule lignoso basi crassissimo ern to ramoso (irnosu puberulo, ramulis brevissimis abortivis permultis, basibus petiolorum squamosis , v_i tiolis •ix semiuiH lalibus fasticulatis setus ramos, puberulis ptdunt ulos super uitibus, folus ternatis, foliolis 3 miiumis integns ovatis obtusis rnrnosis, subtus pilosis, supra eel lulols glabrlusculis, pedimculis brtvissmiis, vix 2 — 4 lm l<n_nis, umlloris bibratteo

- latts floribus luteolis, petalis* calytem ipit »m pub« rulum supirautihus, ovaul fl ilui IOLUIS pol^spernus (S_Lmma mitura i_ouota) \) — Ciescit in Chili piovincia (quun'to
- 7 O PAUVUI \ Itemy, Ann dts SL nafur (3 Ser)\I 3o4 — Nina ncius folus tufoliolatis, stipulis memhianaccis, pedunculisrwlu ilihusumtloris bibru ft ttis glabrls, bract< is lattns 0/ — Pumil i sub^lobosa Ridices fibrosie I-olii tnfWi >lara, pe tiolis mollibus, in^u&te m mbianwco mu_Dinitis f >¶ ill bicivissime stipitati obcordata Integra, otulo armato ciliata areolitiquit Stipulu litiusculit mi mbi xnaccie tmeiac petiolo ad medium adn tt ie, apice later i Pcdum uli i idtc lies umfl >n , supl\ medium bibratteati molles _Bgenitulati lon_oitudine f >lioium, bratteat membranace ie tteru* lineares laccrae felabrae Hores minimi Ubi Calyx quiuquep utitus peisibtens* lacinnis ovalibus obtusis _Dlibns Pctila supra basin coalita obcoidati _olabia integi \ nervata Stamina basi dilitati, in cupulam connata Ovanum loculis pluuovulatis Ntyh ie<urvi Semma areolatt, embryone recto — Ciescit in lot is vul_ao Quebra dis de las Li_ounas de Potosi id mvts inter fissuias rupmni
- 8 O HLRTMtOVNA HuiKoud in Gay 1 cit 437 , t 14 — Pubescuis tenuis radice innua Obnlllo a, ciule bievissimo _{ni} icili unciuli simplici, prtiois num IOSIS patulis, b isi toilful && tt dil tt itis pubtrulis, scapo subduplo brtvionbus, folus ternatis, folio lib 3 nummis, an^ustt cuntatis ipitt emar>juatis, lobis divantatis tellulosis, utiioquo pubestntibus, lloibuj, Juteis ruhello nntul itii, 2 vcl ^, peditfillatis id lpitni stapi puberuli, calyete piloso, valdc tiliato, petalis subtuplo bievloze, stamuubus stalls bi^vionbus, ovano glubio 0 — Affiins *O undicolae* —. Crestit in Chili provin tus < tutrilibus.
- 9 O SUCCUI ENTi narntoud in Gay 1 tit. 441 f— Succulenta ghbnusrula raditt trissd, tault brtvi&suno smipliri ciaj>io squamato , sqnamis pubtsetutibus, pttiolis tainosis teittibus ertttis 8—10 poll longis _{la}» ns, pedunculo multo brevionbus, folus ttmatiss, foliolis 3 1 itc obcordatis taiuosis, apice parum emar_Bmitis, subtus ¹ pube&tentibus, bupi i -1 ibil&, sessilibus, peduntulis ercttis 1 — 2 pedalibus suctulen ² tis tertibus _olabiis ipice ditliotomib mullillons, floubus luttolis paivis pennultis tt gratilt ptdicellatis in quoqut peduntuh ramulo, tilytt puberulo petalis duplo bievioie, ovaru pubLStntis luculis polysptrmis, seniubus striatis Λ i — Crtbcit in Chili prov Coquimbo lotis mintiniis
- 10 O AHHUSCULA liaint oud in O ty 1 nt 443 f t 14 — * rucosa glabernma n dice ptitnni fibrosi, taule li_onoso fruticoso tiecto lamosis&imo patulo, 5—7 poll longo, ramis permultis foliosis, petiolis tertibus glabus alttrnis, paium elongitis ex&tupulatis, peduiitulo& &uptrantibus, folus teinatis, foliolis 3 miuimts coidatis tar nosis, apice emarginatis ^labeinmis, breviter petiolulitis aequalibus, pedunculis st cus ramos axillaiibus ditbotonus multiflons, llonbus paivis lut< olis substt undis bx< viter pedicellatis, basi bratteolatis, calyete (labro (sittitatt violaceo) corolla subdu plo brevioze, stxiniriibus stylisque hirsutis semmibus laevibus, 2 in quoque loculo, ovano {labro \) — Crestit in provinua Clulensi Copiapo
- 11.0 SQUARUOSA Barntoud in Gar 1 tit 443 f — trecto patula hirta caule sub elongato , basibus petiolorum persistentibus squamato lignoso frrru_ointo ramoso pu berulo , ramis fruticosis p itulis peimultis, dense foliosis, petiolis Ion_wis teietibus puberulis patulis, basi irticulato dilatatis pedunculo brevionbus, folus ternatis fh< us 3 sessilibus obtordatis, apice emar_oinatis, utriusque adprtsst pubescentibus, paruni conaccis, pedunculis permultis rcttis axillanbus , apice dichotomis multilloiis rt^{orl} bus luteolis numerosis scundis, breviter pdicelUtis, calyce piloso lufo, petilis &u^{fl} duplo brevioze, stamimbus stylisque husutis, ovirii lor ulis 2 — 3speimis ^ --- Affinis *O squamatae* Zutc \) — Crescit in Chili in prov Coquimbo
- 12 O VALDIVILN^IS Harneoud in Gay 1 tit 44b — Glibri herbacea lont_oissim< < recta radice fibnillosa annua, caule herbaceo tenui brevi ascendente , petiolis b^{fl}>^s irticulatis erectis, 3 — 6 poll longis glibns, pedunculo triplo vtl quidiuplo bit^{vlo} nbus, folus teinatis, foliolis 3 obcordatis glabns, subtus subpuberulis , sessiM>^{us} apice emar_oinatis, peduntuhs axillanbus, 1—2 pedalibus gldbns, apice dichotomy

multifloris, flonbus luteolis phbrls pedlcellatis, ovani ghbrl loculls3—4 spermis Q—
(itsnt in provinua (hilensi Valdivia.

- 1) O. DUMEIORUW Barnéoud in Gay 1. c I 448. + — Hlspido pilosa repens radi-
cibus fibrosis tenuibus, caule reptante saepe longo, herbaceo hlspido ramoso humi-
fufco, pttiolis 1 — 3 poll, lon^is liispidis terctibus rectis, secus caul em distantibus,
pedunculo multo hrevionbus, ad basin J)istipulatis, stipulis lineaiibus obtusis, folus
ternatis, foliolis 3 scssihbus obconlato rotundatis muquahbus, pirum emarginatis,
utnnque pilosis, pedunculis rectis axillanbus, 5—7 pollicanbus luspidis, apice dichotom-
is, flonbus luteis 3—5 gratile pedicellit in quoque peduncuh ramulo, ovani
villoso lotulis 2-spermis, seminibus ti inverse striatis. 2J. — Crescut in Valdivia.
- 14 0. HAI¹ VLCONDILA Bameoud in Gay 1. cit. 450. f — Glabra fruticosa radice
perenni fibrosa, caule semipedili, bisi lignoso elongito, vesti^us folioium vetustio-
rum tttto, apice runoso, pctiolis 1 vell% poll, loii^is glabus carnosuhs confertis,
supra basin artu ulatis, p*dum ulo bicvionbus, folus ternatis, foliolis 3 minimis, an-
guste obtorditis, profunde emarginatis, utnnque puhcrulis, pedunculis teretibus
ad apicem rtmorum axillanbus, ilonbus 0-12 corybose ct bicviter pedicellit ad
apicem peduuiuli, parvis roseis glabns, ovani glabn loculis 2- vel 3 spermis. ^ —
(Affinib 0. *subacauli*. — Crescut in prov. Chilensi Colchagua.

Ordo LH. ZYGOPHTLLEAE R. Br.

(DC. Prodr. I. 703. — Wlprs Ueprtr. bot. syst. 1. 493. II. 822. V. 385)

6030. THIIULUS *Toumef.*

(DC. Prodr I. 703 Wlpit., Rtpert I. 493. U, 822. V. 385)

1. TR. MUREK Pitsl, Botan. Bemeik. 20. — A (gunuiua specie) *Tribute UrreUn* F(kl. et Zeyh diTert fructibus duplo majonbus, apicc ct bisi spmosts, di&to dona mun-
cato spinulosis. — Crescut in Promontouo bonae sp< i
- 2 TR. PARVISPINUS Prsl. I. cit. — Carpelhs *T. terrestri* duplo minoribus, margine
utnnque tnspinosis, spina apicih et basilan paiva, media majon, disco dorsi murl-
cato spinuloso — Ciescut in Promoritono bonae spl.
3. TR. HISPIDUS Prsl. 1. cit. — Differt a *T. terrestri* praeter hispiditatem stipults
linean subul itis petiolo lon^ionbus serruhtis, sepalis lineau lanceolatis, ovirio
folnsque cil^ceque liirsutissiims, fuliohs subtus alhulis, caule pilis lioiuoiitihhus
hispido, carpellis *T terreHn* mijoubus hispiduhs quuluspinosis, spin is maequalibus.
Carpitlla nonnulla spinis duibus vilidis duabus pirvis, alia spims omnibus parvis
provisa sunt. — Crescut in Promontono bonae spei.
4. TR CHI STATUS Prsl. 1. cit. \)i£ 30. — Husutus folus quidn — quinquejugis, stipu-
lis laiiL«olitis petiolo atquiloti^is loiiigionbusque, pedunculis folio aequilon^is, sepa*
lis lanceolatis acunuriitis persistentibus, p< talis stpila duplo superantibus, carpellis
enstato biilatls, ilis imrgine inicquilter spinulosis. — Specimini duo visi du is
species referre viduitur, unum tlon et fiuctiferum desenptum, alter um flonferumsti-
pulis ovatis p-uvis distinctum. — Crestit in Promontono bonae spei.
- B. TR. PTKROPHORUS Pisl 1. cit. — DiTert husutie, stipulis, fohis, flonbus, fructi-
bus tomentosis, mijoubus maigine bialatis, alis maximis lobitis, minoribus uno latere
alatis, ala oblongi apice seriata, disco carpelli spinoso setosoque. — Crescut in
Promontono bonae spei.

6034. FAG ONI A *Toumef.*

(DC. Prodr. 1. 704. — Wlprs. Repert. I. 494. II. 822. V. 385)

1. F. ASPERA Gay, Flora Cbileni I. 470 4; — Humifusa aspera* ramis sulcatis, repo-
titim dichotomis, folus tufoliolatis, foliolis ovatis mucronatis, margimbus maequalibus

- ntipulis linnari lanceolatis splnescentibus, petiololum aequantibus. 2]. — Crescit in Chile septentrional!
- 2 1. SCIIIM'hlthl Prsl Butan. Bemcrk. p. 30. — Differt a *F. Arabica* sepalis lanceo-
latis mucronato spinosis persistentibus, fructibus duplo minoribus, pube immuta sub
lente conspuita vestitis, ramis, spuis, calyce foliisque pube immuta glandulifera sub
lente tonspima, adspersis, semibus triplicibus non margatis. 2j. — Crescit
in Arabia.
- 3 K. VISCIDA Prsl. 1. tit. — Glandulosa viscosa (undique arena tenuissima adpersa):
foliis ovatis, foliolis mucronulatis, lateralibus lanceolatis obliquis, medio majori
ovato lanceolato, fectipibus bipinnatis petiolo brevioribus, flouibus minutis
sepalis linearibus, ovano husutis uno. — fructus ignoti. 2]. — Crescit in Arabia.

6036. ZYGOPHYLLEAE *Linn.*

(DC Prodr. 1. 703. — \ Ips. Ktprt. I. 494. II. 823. V. 38G.)

1. Z. LEHMAINMANNI linge. Arb. des naturf. Vereines in Riga 1. 202. f — Humile
annuum glabrum: caulibus angulatis diffusis dithotome ramosis, foliis petiolaribus bi-
(ui)jugalibus, foliolis obliquis oblongo ellipticis, apice obtusis, rhachi alato margi-
natis, lobis altibus soctaribus (geminisve) brevibus pedicellatis, calyce colorato
petalorum concolora suptrante, staminibus inclusis, filamentorum squamula denticulata,
fructibus (immutis) nutantibus ellipticis quinquelatis, ala seminum latiore. © —
Crescit in desertibus littoreis circa Novo Alexandriam

6036/1. ZYGOPHYLLEAE *Turczan.*

(Turcian. Bullet, de Moscou XIX. 151)

Calyx heptaphyllus, sepalibus rotundatis biserialibus. Corollae pe-
tala septem, calyce majora ovalia obtusa. Stamina quatuordecim, alterna
opposita breviora, filamentis basi dilatatis pubescentibus, antheris
bubtetragonis bilocularibus, loculis maliter dehiscentibus. Ovarium
liberum heptagono-depressum septemloculare. Placentae in loculis soli-
tariae, apice affixae reniformes, ovulis minutissimis linearibus pluriberia-
tis undique tectae. Stylus inter loculos emergens cylindricus, stigma
septem carnosus, intus inflexus, apiculum styli tegens. — Frutex: foliis
alternis, breviter petiolatis oblongo-ellipticis obtusis integerrimis gla-
bratis; corymbis terminalibus sessilibus compositis, pedunculis elongatis
cum parte superiore caulibus pilosis simplicibus hirtis Petala nervoso-
striata, in bico videntur alba. Genitalia petala demum inulto mipe-
rant. — Genus praeter nomen partium a *Zygophyllo* distinguitur
placenta magna reniformi, apice loculi affixa et seminibusque equamatis,
a *Juliana* loculis polypermis magis distal.

1. *J. MEXICANA Turczan. I. c. — Crescit in Sierra San Pedro Nolasco in Mexico.

6036/2. ZYGOPHYLLEAE *Bngc.*

(Bngc. Arb. des naturf. Vereines in Riga I. 197.)

Sepala quinque oblique obovata rotundata, aestivatione quincunciali
omnia colorata, duobus interioribus omnino petaloideis, decidua. Petala
nulla. Stamina decem biserialia exserta, alterna longiora squamula
imbriatae intus basi filamentorum adnatae. Antherae versatiles bilo-
culares birimosae. Ovarium sessile pentagonum, quinqueloculare multio-
vulatum, ovula angulo centrali superposita appensa subhemianatropa.
Stylus simplex persistens. Stigma minus simplex. Capsula (imma-
tura) acute pentagona prismatica quinquelocularis, loculicide 5-valvis
polysperma. Semina. . . .? — Herba perennans dichotome ramosissima
carnosa, *Zygophylli* facie: foliis oppositis bi (tri-)jugis stipulatis, stipulis
dissectis membranaceis; floribus alaribus geminatis aurantiaco miniatibus
(unde nomen); fructibus pendulis carnosius plus quam pollicaribus. —

nus ob do fectum peUiorim, quorum ne vestigium quidem adest, et sepala petaloidea a *Zyophytlo* scjuictum.

I *M (ZYGOWIYLI UM Chim et Sihkhtd. — Wlprs. Reprt. I 405. no. 12) IMJRIULALOIDhN Hnge. 1. c. J- — Cresut in deserto sicco inter Uuiharam et koiniinc, prope Agutme.

6038/j. BITLXESII *Gay.*

(Mori thilenal. 474)

Calyx 5-phyllus subinaequalis deciduus. Petpla 5 paullo longiora unguiculata. Stamina 10 petala subaequantia, filamentis squamatis, squamis extrorsum laciniatis 5 antherae introrsae, longitudinaliter dehiscentes. Ovarium 5-angulatum, 5 locale, loculis 8-ovulatis, ovulis ex angulo interno infra apicem pendulis. Stylus simplex, ex basi ad apicem attenuatus. Carpellis 5 compressis, margine membranaceo alatis, mdturatione solutis et sutura ventrali hiantibus, abortu monospermis. Scmna lou< > iiscula oblongo-reniformia, infra apicem funiculo arcuato pendula. Embryo viridescens in axi perispermii cartilaginei ipsum fere acquaus, oblun> Uis Cotyledonibus lineari-ovatis planib accumbentibus; radioula triplo breviori tereti supra.

1. R. CDILENMS *Gay* 1. cit 475 |* — Pilosiuscuh ciule fiuticoso cinereo die ho tomo, folus subabiupt pinnatis, 4 jugis oblongis inte^eriimis ptlosis, flonbus solitariis axillaiibus, calythis 5 phyllis, submiequalibus oblon^o ov itis subconcauis luteolis, 4 III longis, 2 latis, caipdhj* 5, mugine membranaceo alatis glabiis. \) — Crescit in provincus Clulensibus septentionalibus.

6038/2. GONOPTLR1 *Turczan.*

(Turcian. Bullet, de Moscou XIX 150)

Calyx pentasepalus, aactivatione imbricativa. Corollae petala quinque sepalis alterna paulo majora unguiculata Stamina 10, petalorum longitudine, bypogyna fertilia, filamentis filiformibus, squamae lacerae glandbrae affixis, antheris oblongis bilocularibus, longitudinaliter dehiscentibus. Ovarium toro brevi insidens glabrum pentagonum, angulis alatis quinquelocale. Ovula in loculis 12, linearia, versus apicem parum incrassata, angulo centrali biserialiter ope funiculi lateralis appensa imbricata St)lus unus quinquesulcus, e stylis quinque arete concretis sed facile separabilibus constans Stigmata pari modo concreta. — Frutex ramosus: cortice cinereo glabro; foliis cum floribus e gemma fasciculatim erumpentibus, abrupte pinnatis trijii>is parvis tomentosis. Stipulae triangulares parvae. Flores 1—2 in fasciculo pedicellati, calyce extus tomentello, in sicco lutescente, petalis cito cadentibus staininibusque fuscis. — Genus *Lmrcac* affine, sepalis liberis ovario 5 ptero et ovulis numerosioribus distinctum.

1. *G. CHILENSIS *Tuic/an.* 1. c. 151. — J) — Crescit in Chili prope Coquimbo.

6038/3. PINTOA *Gay*

(riora ClulLin I. 470)

Calyx 5-phyllus deciduus. Petala 5 unguiculata. Stamina 10 inaequalia, petalis paulo longiora, filamentis basi squamatis, squamis adnatis ciliatis aut multipartitis. Antherae introrsae longitudinaliter dehiscentes. Ovarium oblongo pentagonum, 5-locale, gynophoro crasso disciformi insertum. Ovula in loculis plurima angulo centrali biserialiter appensa. Styli in unicum coaliti subulati, stigma simplex. Kiuctus capsularis oblongus, leviter quinquesulcatus, 5 locularis oligospermus, per totidem valvas septiferas dehiscentis. Semina complanata angulosft

pendula; integumenta Crustacea. Embryo viridescens, in axi perispermii carnosi. Cotyledonibus lineari-ovatis planis accumbentibus. Radicula supera.

1. P. CHILENSIS Gay l. cit. 480. j. — Rigida subpilosiuscula: foliis abrupte pinnatis, 4—5-jugis, foliolis oblongis cuspidatis alternis, supra laevibus aut reticulatim rugosis, subtus capsulis ovatis fusco-glandulosis instructis; (loribus luteis; fructibus globo-ovatis, in pedunculi latere collucatis. — Crescit in Chili ad Copiapo.

6044. IIIUIEKSTEIXIA *Sleph.*

(DC. Prodr. 1. 707. — Wiprs. Itepert. I. 498. — Jaubert et Spach, Ann. des sciences natur. [3. Ser.] VI. 137. sq.)

Calyx pentasepalus inadhaerens persistens, sub anthesi patens submembranaceus. Sepala imbricata striata inaequalia concava, post anthesin erecto-conniventia, duo externa interioribus tribus latiora. Glandulae hypogynae quinque carnosae, petalis interpositae, staminum respectu exteriores subrotundae, dorso concavae. Petala quinque hypogyna decidua vel marcescentia, sepalis interposita, breviter unguiculata flabellinervia (nervis in ungue confluentibus), speciebus plerisque apice lobulata vel dentata. Stamina decem hypogyna marcescentia, omnia antherifera, quinque sepalorum axi anteposita alternis (petalorum axi antepositis) paulo longiora. Filamenta complanata, breviter monadelphia, e inagis minusve dilatata basi subulato-filiformia. Antherae medio dorso affixae versatiles (aestivatione introrsae), dithecae isometrae ellipticae vel subrotundae, basi et apice emarginatae, connectivo nullo, thecis rima longitudinali dehiscentibus. Pistillum estipitatum vel stipite crasso per brevi suffultum. Ovaria quinque unilocularia uniovulata ovoidea trigona, gynophoro brevi circumposita et per angulum internum a basi ad medium affixa, inter se omnino discreta (at extus ovarium pentagastrum simulantia), sepalis opposita, singula monostyla; placentae axiles breves, juxta medium anguli interni prominentes. Ovula solitaria anatropa, funiculo brevi mediante suspensa. Styli medio ovariorum angulo interno inserti liliformes elongati (ovaria subduplo superantes, demum accretis ovariiis subsuperati), conniventes marcescentes, apice cohaerentes, caeterum discreti. Stigmata terminalia, in capitulum subglobosum papillosum concreta. Fructus: nuculae quinque vel plerumque abortu pauciores (ovariis effoetis comitatae), calyce inclusae coriaceae monospermae reticulato-rugosae ovoideae subtrigonae (lateribus compressae, dorso convexae simulac angulo interno carinulatae), obtusae magis minusve incurvae contiguae conniventes, thecaphoro brevi circumpositae et ventris basi mediante areola subrotunda vel ovali affixae, caeterum liberae, demum deciduae. Thecaphorum (decerptis nuculis) truncatum vel 3—5-cuspidatum columnare crassura 3—5-gonum. Semen nuculae conforme (ideoque subarcuatum) adhaerens, perispermio carnosio hinc crassiusculo, illinc (latere dorsali) attenuato vel obsolete instructum. Integumentum tenue. Embryo subexcentricus subarcuatus, semini aequilongus, radicula erecta supera conica, cotyledonibus triplo brevior; cotyledones plano-convexae crassiusculae oblongae obtusissimae. — Herbae perennes elatiores, radice tuberosa, vel suffruticuli humiles. Partes herbaceae plerumque glandulis stipitatis magis minusve copiosis conspersae simulque pube eglandulosa villosulae. Folia imparipinnata bistipulata alterna. Foliola pinnatifida vel bipinnatisecta. Petiolus basi dilatata subsensu amplexicaulis. Stipulae laterales, in femore petiolo adnatae vel liberae, Flores paniculati vel racemosi terminales. Pedicelli juxta apicem vel basin magis minusve propius bibracteolati. Bracteolae oppositae vel suboppositae* Corolla fiava vel ochroleuca.

Subdivisio I. *PIMPINELLAEFOLIA* Jaub. et Spach 1. c. 138.

Suffruticuli: radice lignosa, caudicibus caespitosis decumbentibus simplicibus, ad apicem conferte foliosis, inferne petiolis emarcidis vestitis, demum lignosis, magis minusve elongatis. Ramuli floriferi inter caudicis folia terminalia prodeuntes, erecti vel ascendentes, herbacei annui simplicissimi graciles, fere aphylli, in racemum aphyllum simplicissimum praefloratione cernuum desinentes. Folia caudicis terminalia conferta multifoliolata, foliis ramularibus multo majora. Folia ramulorum floriferorum parvula paucifoliolata. Foliola cuneiformia vel subovata, profunde pinnatifida glanduloso-hirtella. Stipulae omnes petiolo adnatae. Pedicelli filiformes, fructiferi nutantes secundi. Bractee et bracteolae integerrimae. Petala flava mox decidua, ungue hirsuta. Stamina omnium filamenta a basi ad $\frac{1}{2}$ hirsuta. Ovaria apice hirsuta.

1. B. ODORA Steph. Mem. de Mosc. I. 126 t. 9. — Ledeb. Ic. plant. Ross. tab. 447., Id. Flor. Alt. III p. 225. — Jaub. et Spach 1. c. 139 — Stipulae integerrimae punctato glandulosae, calyx tomentosus hirsutus, subglandulosus, petala cuneato obovata vel subrhombica, calyce $\frac{3}{4}$ longiora, bractee cuneiformes. 2]. — Crescit in summis Altitudinibus alpinis, ad lumen Thuya et in Soonganae monte Alatau.
2. B. EMODI Jaub. et Spach 1. c. — Stipulae lacerae hirtello glandulosae, calyx villis brevibus pubescens, conspicue glanduloso hirtellus, petala cuneato obovata, calyce vix longiora; bractee oblongae vel obovato oblongae. 2]. — Crescit in Emodi regione alpina Kanaor (Anglice scribitur Kunawur) in lapidosis supra 4000 metr. — *Biebersteima odora* Royle (non Stephan.), III. Hiraal. pi. 1. 30.

Subdivisio II. *ACHILLEAEFOLIA* Jaub. et Spach. 1. c.

Herbae perennes elatiores: radice tuberosa crassa, demum pleiocephala. Caules erecti angulati sulcati, basi aphylli et indivisi, superne foliosi et ramosi, in paniculam multifloram erectam ramificationibus infimis plerumque foliatam desinentes. Folia radicalia nulla (saltem plantae floriferae), eorum loco squamae membranaceae scariosae imbricatae, caulis basin stipantes. Folia caulium magna approximata, foliolis bipinnatifidis (nonnumquam tripinnatifidis), speciebus plerisque bibeglandulosis, segmentis subfiliformibus. Pedicelli fructiferi erecti vel patent!-ascendentes, apice incrassati. Bractee (haud raro et bracteolae) serratae vel inciso-dentatae. Petala marcescentia glaberrima (simulacra ovaria), in sicco albido-ochroleuca. Stamina filamenta aut glaberrima, aut secus basin solium ciliata.

A. Sepala integerrima, extus glandulis stipitatis creberrimis hirtella simulque villis glandulosis hirsuta. Filamenta aut omnia aut saltem quinque longiora a basi ad $\frac{2}{3}$ ciliata.

3. B. MULTIFIDA DC Prodr. 1. p. 708. — Jaubert et Spach, Illustr. plant. orient. tab. 191. et tab. 192. b. — Folia subglandulosa villosa, sepala obtusissima, glandulae hypogynae androphorum superantes, petala calyce (sub anthesi) paulo longiora spatulato vel oblongo obovata vel lanceolato oblonga, apice truncata vel quadriclobulata, lobulis inaequalibus obtusis, stamina filamenta basi parum dilatata, omnia ciliata 2]. — Crescit in Persiae australes montibus elationibus inter Ispahan et Schirvan, cum *Fentillarxa imperiali*, nec non in editissimo monte juxta Chirac, etiam in glareosis declivibus septentrionalibus spectantium prope ruinas urbis Persepolis.
4. B. RUCHERI Jaub. et Spach, Illustr. plant. orient. II. 109. f. tab. 190. — Foliola subglandulosa villosa, sepala acutiuscula, glandulae hypogynae minutae, androphorum plus duplo breviores, petala acuta vel acuminata oblongo rhomboidea, calyce (sub anthesi) paulo longiora, alia integerrima, alia apice emarginata vel inaequaliter bifida aut tridentata, filamenta stamina basi parum dilatata, quinque breviora glaberrima. 2j. — Crescit in Persia circa urbem Ispahan.

5. 15. *CHYPETALA* Jaub. & Spach 1. cit. tab. 192. A. — Folia glandulis cieber rinus hubsessilibus nt^{ris} quasi punctata villosula*, sepala acutiuscula, glandulae liypo^{nae} nniitue, andiophoro duplo breviores, petala runeiformia, calyce (jam sub antliesi) bitviaia, apice 3—8 lobulata, lobulis muqualibus p^k usque acutis, staminum bievioium filamenta glabemma, lorjgiorum basi conspicue dilatata. 2. — Ciescit in Hyicaniae moutibus (circa uibcm felician).
- G. U. *AMHICUA* Jaub. & Spach, Aim. sc. nat. (3, Str) VI. 141. — Fohola villosula sub e^{landulosa}, sepala acutiuscula, gl mdulae bypo^{nae} mmutae, androplioro duplo breviores, petila (sub anthesi calyce brevion) cutiefoimia, apice 3—8 lobulata, lobuhs maequalibus acutis , (itaminum biuvioium flameiita gl.ibernma, longiorum basl conspicue dilatata 2j- — Piaeti'i folioli subt^{laudulosa} a *B. brachypetala* [m quantum delcttib specinuiibus judicandum) diffene iion vidttur. lor&an varietas. — Crescit in Persia occidentali.
- B. Sepala glabia, medio remote denticulata (dentibus glandulosis), apit e obtuse dentata (dentibus eglandulosis), ettina dorso glandulis paucis conspersa, in terna eglandulosa. Staminum filamenta omma glabemma.
- 7 II. *LFIOSEPALA* Jaub. & Spach, Illustr. pi int. onent. tab. 193. — foliola glabra sube^{landulosa}, sepala obtusi&sima, glandulae b^{pog^{nae}} minutae, androplioro plus duplo breviores, pttala cuneiformia, calyce (jam sub anthesi) breviora, apice 7—9-lobulata, lobulis inaequalibus pleusque acutis, staminum flimenta conspicue dilatata. — *B. multiflida* var. *cuhjicibus glabris*. 2J. — Crescit prope Persepulis ruioas.
- * *Species minus ?wtae, cum piaeulatis sectionn II. conferendae.*
8. *B. *MULTIFIDA* Ledeb. I lor. Ross. I. pag. 187. (Cum defuitione Candolleana parum mutata.) — Crescit in littore onentah mans Caspu.
9. *B. *MULTI IDA* Royle, Dimil lyan plants p. 153 (absque descriptione). — Crescit in Eniodi legione alpina Kanaor (an^{hce} Kunawui) dicta.

Ordo LIII. DIOSMEAE *Adr. Juss.*

(Wlprs. Repeit. bot. &y&t I. 499. II. 823. V. 380. — *Rutacearum tub.* I. DC. Piodr. I 700)

5989. *ALMEIDKA* *Si. III.*

(DC. Prodr. I 729. — Wlpris. Repeit. I. 499.)

1. *LONGIPES* Prsl. Bot. Bmrkngn. 32. — Folus longe petiolatis elongato lanceolate, petiolo sub apice (ad laminae in&ertionem) nodoso, cocco solitano sub^{loboso} tiansversim arcuato-sulcato. *t*) — Ab *A. longifolia* et *acuminata*, quibus pio^{vima}, satis differt. — Ciescit in Biasiha.

5999. *PLLOCARPrS* *Vahl*

(DC. Prodr. I. 728. — Wlprs. Repeit. I. 601.)

1. *P. GOUDOTIANA* Tulasne, Ann. sc. natur. (3. Ser.) VII. 284. f — loins mipaii pmnatis unijugis vel unifoliolatis alterms, follolis amplis subconaceis, creburini' punettto glandulosis Intgeirnnis obovato lanceolatove oblongis, obtusatis et acute margmatts, basi attenuatis, supra glabris, subtus in nei^o medio solum promnu^l' puberulis, racemo lon^{issimo} valido deflec tente simplicissmio, rhacbi pubenti luteol^l pedicellisue apice uitrorsum untinato-iecuivis, calyce ciliato. ""[^] — Ciescit in Nov^l Granatd, inter Atuco et Oypo.

6007. *CROWE* 1 *Sm.*

(DC. Piodr. 1. 720. — Wlprs. Repert. 1. 304.)

1. *CR. *LATIFOLIA* Pdxton, Magaz. of bot. 1S47. p. 222. (c* IC) — Liber a me no^l visus.

6012 CORREA *Sm.*

(DC. Prodi. I. 710. — Wjfrs. Itepert. I. 503. II. 824. V. 390.)

- 1 C (*iJingiflorae*) SCHLECHTENDELMII Hehr, Lmnaea XX. G30. J — Folus ovato oblongis, apu e rotundltis, in petiolum attenuatis, supra mtulis, subtus opa< i&, Ho rib us ternunalibus in rimulis literalibus brevibus pemlulis, caljce cupuliformi trun cato, corolla quadnpartita campanulata; stamiiiibus erectis. \) — Crescit in Nova Hollandia austiali.

6015. ADUaLtXDRA *Willd.*(Wlprs. Repeit. I. 507. V. 390. — *Dtounae* sect. I. DC. Prodr. I 713.)

- 1 \ KIUUSSH Meisn. Flora (B. Z) XXVII. 301. — Folus ovato oblongs ovahbusve, oMusis termmalibus, supra cojicavis glabns, subtus plains punctatts puberulis, ionbus mtermalibus, solitarus gemmisve sessilibus, calycis glabu lobis erectis ova- tis, subacuminatis, apice acufu&culo purpurascensibus, petalis glibus, fil imeiitis pilosiusculis, stoiibus fertiha supeiantibus, glandulis mtiorum concavis. [) — Omnia fere A *vdlosae* Lichtenst., qu le tamen diflert ramulus capitato con^e&tis (in uostia lavius(ule bifldis v. subumbellatis), folus bubcanuatis, calycis basi villosi laci mis oblon-is ciliatiti, petalis utunque pubescentibus, btimimbus cal^cu fere duplo (in nustra vix ¹/_±) brevionibus et filamentis stenlibus fertiha haud superantibus. — A. *citoules* Eckl. & Zcjh. mss. — Cie&cit IU Piumoutonu bonae spci.

6016. COLUONEMA *Bartl. &: Wendl.*

(Wlpris. Iltpert I. 507.)

- 1 *C. DREGEANUM Prsl. Dot. Bmrkngn. 31. — Species indescrupta \) — *Diosma* .. Drege, Hb. (I. Cap. no. 2251. — In Promontorio bonae spei.

6017. DIOSMA. *Bcry.*(*Ihosmae* sect. IV. et V DC. IModi I 71G. — *Wlpris. Reprt. I. 507)

1. *D. TENUHOLIA Prsl. Dot. Jlnukngn. 31. — ~~♂!♂! InffThyp^nt.i~~ — *D. opposite folia* Drr^e, lib. pi. V ip. — ^ — In l'ionioiioioiio bonae spei. v *i
2 *D. MCROSIICIA Prsl. 1. c. — Species inde&cnpta. — *D. amblyua* Diege^Ub. fl. Cap. — ^ — In Promontorio bonae spei.

6021. AGATHOSMA *U did.*[*Diosmae* sect. HL DC Prodi. I. 714. — Wlpris. Repeit. I. 510. V. 392)

- 1 *V. (LOHULtLORA Prsl, Bot. Bmrkngu. 31. — Species indescrupta. — \) — *A. ce- phalotes* E Meyei in Drege Jib. fl. C^p. — In Prom on ton o bonae spei.
2 *V. OBTUSrOLIA Prsl. 1. c. — Species indescrupta. — \) — *A. obtusa* vai. (3 Dre^e lib (I Cip. — Ciescit in l'iomontoiio bonae spei.
3. *A. Allisr VIA Prsl. 1. c. 32. — *A. apiculata* E. Meyer 1. c (nee Bartl. A Wt-ndl) — Species indescrupta. — |^ — In Promontorio bonae spei
4 *A. MLYERIA^ V Prsl. 1. c. — *A. acununata* Dre^o'c 1. c. — *I*) — Species inde- scripta. — In Pioinontono bonae spci.
r> *A. POLYPHYLLS Prsl. I. c. — *A. unbricala* Dic_o. I t — Species mdes< nptd — *I*) — In Pioinoutori') bonae spei.

Ordo LIV. RUTACEAE *Bartl*(WJprs. Repert. bot. syst. I. 517. II. 824. V. 394. — *Rulaceae* ex p. DC. Prodr. 1. 700.)6028, HAPtOPHYLMJUI *Adr. Juss.*

(Wlpris. Repert. I. 518. II. 824. V. 394.)

1. H. LASIANTHUM Bnge. Schrftn. des naturf. Verelnes in Riga I. 206. f — Breviter hispidulum: caulibus herbaceis simplicibus; foliis ovatis breviter petiolatis; cyma laxa pluriflora; floribus sessilibus; sepalis ovatis acutiusculis petalisque late et brevissime unguiculatis navicularibus ovato-oblongis, extus caneseenti-pubescentibus j filamentis basi valde dilatatis monadelphis abrupte attenuatis, intus supra basin pilosis; ovarii grosse tuberculati angulis exappendiculatis rotundatis. 7. — Crescit in fluvio exsiccato Jan-Darja.
2. H. ROBUSTUM Bnge. 1. c. 208. f — Pilis brevibus patentibus dense pubescenti-villosum tuberculatum: caulibus robustis simplicibus herbaceis strictis; foliis crassis petiolatis, infimis late orbiculatis obovatis ovatisve, summis ovato-oblongis; cyma dichotome ramosissima laxiuscula multiflora; floribus pedicellatis; sepalis ovatis acutiusculis j petalis ovato-oblongis carinatis; filamentis liberis, exterioribus supra medium bidentatis, extus biglandulosis, interioribus sensim attenuatis, omnibus intus a basi ad medium villosis; capsulae quinquelocularis hispidulae tuberculatae angulis obtuse appendiculatis. 2. — Crescit in deserto lutaceo inter Kara-agatsch et Agatme in Jaman-kisilkum.

Ordo LV. ZANTHOXYLEAE *Adr. Juss.*(Wlprs. Repert. bot. syst. I. 519. II. 825. V. 395. — *Eutacearum* et *Terebinthacearum* genera DC. Prodr. 1. 725. II. 82.)5971. BRFNELMA *Rz. & Pav.*

(DC. Prodr. II. 87. — Wlprs. Repert. I. 519.)

§. 1. *Foliis pinnatis oppositis.*

1. BR. FUNCKIANA Tulasne, Ann. sc. natur. (3. Ser.) VII. 267. f — Foliis opposite 5—6-jugis cum impari, foliolis petiolulatis lanceolato-oblongis, utrinque acutis, remote serratis, superne glabris, subtus brevissime pubescentibus albidis -, stipellis cito caducis, vix perspicuis; panicula globosa brevi divaricato-dichotomeque 7-aiosissima pubescente; carpodiis dense breviterque pubescentibus et insuper in ventre longe strigosis griseis. 1) — Crescit in provincia Caracasana et Galipaneusi regni Venezuelensis.
2. BR. RACEMIFERA Tulasne 1. c. 269. f — Foliis oppositis imparipinnatis 4—6-jugis glabris, foliolis oppositis brevissime petiolulatis stipellatis longe oblongis, utrinque attenuatis, remote crenatis et in sinu cujuscunque crenulae minutissime dentatis sub-coriaceis, paginae superioris nitidae nervis impressis, inferioris albicantis maxime prominentibus; panicula racemiformi contracta brevissima erecta axillari terminalive; fructibus oblongo-arcuatis acutis piloso-strigosis, dilute fulvis. 2) — Crescit in republica Nova Granatensi, inter Santa-Fe de Bogota et Fusagasuga.

% 2. *Foliis simpliabus ternatim verticillatis.*

3. DR GOUDOTII Tulasne 1. c. 270 i — Foliis simpliibus terms, longiuscule petiolatis amplis ovato ellipticis ovatove oblongis coriaceis acutis, basi contra rotundatis, obtuse crenato serratis, superne demum glabratis laevibus, postice dense ad pressequae tomentoso ferrugineis et creberrime reticulato venosis, panicula erecta ferruginea foliis longiore, capsulis longis ferrugineo tomentosis. \) — Crescit in montibus Qumduensibus Novae Granatae, inter Laguneta et el Paramo.

5972. ZANTHOXYLUM *Kik.*

(DC. Prodr I 725. — Wlprs Reperit I 519. II 823. V. 396)

1. Z. FURFURACEUM Tulasne, Ann sc. nat. (Hl. Ser) VII 272 + — Inerme foliis alteris simplicibus petiolatis obovato oblongis, obtuse brevissimeque acuminatis vel obtusatis, brevissime retusis, basi attenuate et biglandulosis, uterque plantae glabris creberrime punctato glandulosis, paniculis brevibus axillaribus terminalibusque, ramulis patentibus glanduloso furfuraceis, floribus longiuscule pedicellatis, calyce minuto, capsulis rugosis crassis obtusissimis. \) — Crescit in If ova Grinata ad el Uogeron de Ivasa nee non inter Fusagasuga et Pandi.
2. Z. OXYPHYLLUM Edjwrth. Transact, of the Linn soc XX. 42. — Frutex aculeatus foliis alteris pinnatis, petiolo exalato nervisque medus foliorum quandoque aculeatis, foliolis breviter petiolulatis lineari lanceolatis acuminatis seiratis terminalibus sursum nudis, paniculis paucifloris terminalibus folio multoties brevioribus, carpelibus rubris bivalvibus dispermis stilo persistente apiculatis, seminibus pisi magnitudine, testa nigra laevi nitida. \) — Crescit in sylvis Himalae alt ped. 4000—5000, in Garbwal occidentalibus.
3. Z. GRANDIFOLIUM Tulasne 1. c. 273 f — Glaberrimum aculeatum foliis amplexiformibus 4—5jugis, petiolo tereti nudo valido, foliolis oppositis oblongis maximis, breviter acuminatis, basi rotundato attenuate et inaequilatens brevissime petiolulatis, integerrimis aut vix quidem crenulatis punctato pellucidis, paniculi thyrsoidea unisexuah, ramulis oppositis articulatis cymifens, floribus sessilibus, pistillis trimeris, stamine peltato lato e tribus connato. \) — Crescit in Andibus Quinduenensibus Novae Granatae.
4. Z. VULPINUM Unth. Plant. Hartweg p. 167 no 934. — Aculeatum, undique velutino pubescens foliis abrupte pinnatis, petiolo tereti, foliolis 2—3jugis obovato-vel elliptico oblongis, sepals, petalis staminibusque 5 \) — Frutex 8—10 pedalis. Aculeatum in ramulis sparsi recti et lunc inde etiam in petiolo. Ramuli et petioli teretes uti foliorum pagina utraque et inflorescentia pubescentia molliter velutina copiosa vestiti, foliola opposita v. inferiora alterna, 2—3 poll longa, 12—15 lin lata, v inferiora minora, breviter et obtuse acuminata v rarius retusa, basi cuneata coriacea pellucidopunctata, panicula cymosa intra folia supra sessilibus, floribus, calycis segmenta parva, acuta, villosa, petala 5 lin longa, oblongo lanceolata, extus lura, filamenta glabra, petala paulo superantia, ovaria rudimenta duo. — Juxta pagum La Meca, prov Bogota
5. Z. QUINDUENSE Tulasne 1 c 275 f — Glaberrimum aculeatum foliis amplis 4—7jugis cum impan, petiolo valido vix tereti subalato, foliolis elliptico-oblongis latis brevissime acuminatis, basi rotundatis, margine crenulato glandulosis, panicula punctato glandulosis, punctis impressis, petiolulo brevissimo, panicula ampla terminali ramosissima, ramulis crassissimis oppositis, bracteis bracteolisque minutis, floribus cymosis sessilibus \) — Crescit in montibus Cordillerae centralibus (Qumduensibus) Novae Granatae, ad Volcancito (an forte planta foeminea speciei praecedentis?).
6. Z. MACROSPERMUM Tulasne 1. c. 276 f — Aculeatum foliis glabris 5—6jugis cum impan, petiolo subtus aculeato, foliolis suboppositis petiolulatis glabris crassis opacis, ovato elliptico oblongis, breviter angusteque acuminatis, remote minuteque serratis, superne impresso punctatis, nervis utrinque subimmersis, paniculae ramis crassis oppositis pubentibus, capsulis crassis sessilibus mucronatis, basi interna obtuse gibbosis. \) — Crescit in Nova Granata ibique inter et Carthagine ad Paramo.

7. *Z. AMOYENSE* Tulasne 1. c. 277. f — *Glabrum aculeatum* : foliis 4—fi-jugis, jugis saepissime disjunctis; petioli superne sulcato gracili arniato; foliolis anguste oblongis acumiuatis, basi rotundato-attenuatis paulo inaequilateris subsessilibus, spar&im et In margine puietato-glandulosis; panicula pauciramosa, ramis brevibus patenlibus sparsis denbilloris; floribus bruviter pedicellalis; coccis quiuis vorticillalis obtusissimis; semiuis bilu Ilneari piano. \) — Crescit ad ripas (lumiuis Ilio Amoya Novae-Graiiatac
8. *Z. MINUTIFLOUUM* Tulasne 1. c. 278. f — *Glaberrimum aculeatum*: foliis alterni» 2—3-jugis cum impari; foliolis petiolulatis oblongis oblongove-lanceolatis, longiuscule angusteque acumiiatis, basi attenuatis, margine subintegro innatoglandulosis, caeterum eglandulosis; panicula laxa, ramulis patentis&simis; floribus minutis cou gestis brevisslme pedicellatis trimeris. ty — Nascitur ad ripas fluminis Ilio-Lobo seu Rlo-Loro juxta oppldum Ilonso-Sanchez.
9. *Z. SYNCARPUM* Tulasne 1. c. 279. f — *Aculeatum*: foliis 3—4-jugis cum impari, foliolis oppositis obovatis obtusissimis vel late brevissime obtuseque acuminatis, basi attenuatis, obscure crenatis pelluc'nlo-punctatis, subtus niolliter laxequae pubentibus-petioloque aculoato et angustissime alato; racemis brevis&im paucifloris; capsula lignea 4-loculari, loculicidu-4-valvi, 4-sperma; semine lenticulari atro. ^ — Crescit circa Perija, baud procul ab urbe Maracaybo Movo-Granatensi.

5972/,. ANaUETItIA *Dem.*

(Dene, in Juqumt. Voyage IV. 161)

Flores diclines. Masc: Calyx brevis quinquedentatus. Petala quiiu/uc longiora oblonga erecta, aestivatione imbricata. Stamina quinque, petala paruni supcrantia, circa disci hypogyni integri carnosuli basin inserta, hypogyna. Pistilli rudimentuin conoideum brevissimum carnosum, absque loculoruin vestigiis. Foem.: Calyx lit in floribus masculis . . . Kructus carnosus drupaceus ovoideus unilocularis, loculo monospermo. Senieu anaptrum ovoid earn, ex loculi apice pendulum. Perisperminm canto sum. Kmbryo viridis inversus, radicula brevis ad hilum versa, cotyledones ovatae, hinc planae, inde convextte. — Krutex habitu *Daphnes Laureo/tiCt* aromaticus. -Kolia alterna siinplicia pellucido-puncta. Flores paniculatij paniculae ad caulis vel ramulorum apicem congestae; pedicelli superne a< calycem bibracteolati.

1. A. LA17REOLA Dene. 1. elt. f tab. 101. — Foliis oblongis coriaceis subaveniisi floribus pallide flavis. — Crescit in altissimis montibus ad nives trans jugum P> pendjal alt. 2300—3937 metr. inter Ilahabad et Haiderabad in India orientali.

5977/!. IIELIETTA *Tulasne.*

(Tulasne, Ann. sc. nat. [III. Ser.] VII. 280.)

Calyx minutus 3—4-phyllns, foliolis erectis basi breviter coaliti^s? aestivatione imbricativa. Corolla hypogyna 3—4-petala, petalis liberif? sepalis alternis oblongis obtusis integris, deorsum paulum attenuate glanduloso-punctatis, in alabastro se&Q late invicem obtegentibus, u^{llo} tantum externo nudo, sub anthesi patentibus vel demissis. Staim^m® 3—4, petalis alterna et cum ipsis longioribus receptaculo insert*^r filamentis complanatis liberis glabris; antheris ovatis, dorso sub me^j affixis, basi emarginatis bilobis, introrsis longitudinaliterque rinioS*^{3r} Discus liber cupulaeformis erectus, margine sinuato subcorrugatus, ^{fl,} teger glaberque. Ovaiium minutissimum creberrime glanduloso-verru^{co*} sum, verrucis maxime prominentibus pubem simulantibus, depressum ^{sc?} sile liberum 3—4-lobum, lobis (carpidiis) modice conjunctis unilocul^u bus biovulatis; ovulis collateralibus anatropis ac peritropis; stylⁿ ⁵ centralis erectus, stigmatate globoso terminal! 3—4-lobo. Fructus ^{stc} ^{ug} obconicus 3—4-costatus, sursum 3—4-alatus demumque in t^o ^Λ ^{elt} ^{ga-} ^u maras solutus. Semen lineare, in quavisunque samara intra endocarpi ~

cartilagineum et indelūscens solitarium inversum; integumento nigro crurtaceo fragili, frustulatiin solubili. Embryo semini con for mis, albumine carnoso inaeqialiter crasso ubiqiie obvolutus (intrarius), cotyledonibus rectis contiquis obtusis, ntrinque integris, commissiira placentam spectante; radícula tereti supera. — Arbor Granatensis: foliis trifoliolatis, siiperioribus oppositis, foliolis glanduloso-punctatis glabri*; floribus minutis paniculatis.

*1. H. PLAEANA Turczan. 1. c. 281. ♀ — ^ — Crescit in Nova Granata occidentali juxta Maiacajbo.

5978. ACROWCIIIA Juss.

(Wlprs. Reper. I. 523. II. 825.)

1. A. TRIFOLIOLATA Zolling. Flora (B. Z.) 1847. p. 664. — Arbor: foliis trifoliolatis; corymbis trieliotoms, petiolo paulo longioribus. †j — Crescit in montibus Tengger 5000' s. m. m. Javæ orientalis.

5984. BISCOUFIA Blumc.

(VVlprs. Reper. *l. 324.)

1. B. OBLONGIFOLIA Dene. In Jcqumt. Voyage IV. 152. f tab. 154. — Foliolis elliptico-oblongis, basi angustatis, apice acuminatis dentatis; stipulis acuminatis; racemis foemineis simplicibus vellnfrne ramosis, laxifloris; calycinis foliolis lanceolatis acutis, ovarium subacquantibus. †j — Crescit in umbrosis humidis Keyri Pass, Dehra-Dhoun in India septentrionali.
2. B. ROEPEIUANA Dene. 1. cit. 153. In adnot. — Foliolis ovato-lanceolatis, obscure dentatis vel crenatis, basi rotundatis, apice acuminatis; racemis foemineis simplicibus vel infurne ramo&is; floribus glabris; fructibuj rugosis, magnitudine pisi majoris. — *Ulicroelus Roeperiams* VV.Arntt. — *Andrachne trifoliata* (JloN\$.1) — Crescit in India.
3. R. TOUI Dene. 1. cit. — Foliis ovato-rotundatis, basi parum angustatis, apice acuminatis serratis; racemis foemineis compositis; fructibi magnitudine *Cerasi aviunf* arbor maxima. †j — Crescit in sylvis circa Manillam, ubi tagale *Tout* dicitur.
4. B. CUMMINGIANA Dene. 1. r. — Foliis ovato-rotundatis, basi rotundatis, apice abrupte acuminatis crenato-dentatis; stipulis acuminatis; floribus masc, paniculatis; lorum pedicellis gracilibus; bfacteolis lineuri-lanceolatis glabenimis. †j — Crescit in sylvis ad Mauillam.
- it. JAVANICA Illume, Bijdragen'1163.— Dene. 1. r. — Foliolis ovalibus acuminatis crenato-dentatis; stipulis lanceolato-acuminatis; fl. masc. paniculatis, pedicellis brevibus vel subnullis, foem. compositis; fructibus magnitudine pisi majoris. †j — Crescit in insula Java.

598Vf HETEROCXIDrS Turczan.

(Turczan. Bulletin de Moscou XX. 152.)

Calyx et corolla aestivatione imbricata pentaphylla, sepalis exterioribus acutiusculis, interioribus petali/sque raucronulatis. Stamina hypogyna 10, filamentis filiformibus liberis, antheris ovatb-oblnngis, basi leviter bifidis, sinu afftxis bilocularibas, longitudinaliter dehiscentibus. Ovaria quin(jue gynophoro conico lateraliter affixa uniovulata. Styli quiiKjue apicales caduci filiformes complanati puberuli, apice clavulato-stigmatosi. Nuculae quinque monospermae, semine prope apicem appenso. — Arbor seu frutex: ramulis pinnaeformibus, inferioribus subalternis, caeteris oppositis, horizontaliter patentibus, siinimis et infiiuis foliiferis, mediis tarn a basi quam ab apice caulis seu rami basi foliiferis, apice lloriferis, centralibus omnibus floriferis; foliis oppositis sessilibus, basi subcordatis oblongis acutis trinerviis glabriusculis, margine revolutis, floribus in spicas dispositis pedicellatis oppositLs yd verticillutis

albis, pedicellis basi bracteolatis. Genus videtur *Zanthoxyleum*, habitu valde singulare. Semina in speciminibus immatura.

1. *fl. CARACASANUS Turczan. 1. c. 153. — 1j? I)? — Crescit prope Caracas.

5984/* THAKOSnia Tom. 8c Frémond.

(Torr. & Frémond in Duchartre, Re*vue bot. II. 53.)

Flores hermaphroditi v. polygami? Calyx quadrifidus. Corolla tetrapetala, calyce multo longior, aestivatione valvata. Stamina octo biseriata, omnia antherifera. Ovaria gynophoro brevi imposita gemina coalita unilocularia, loculis 5 — 6-ovulatis, ovulis biseriatis. Styli coaliti in unicum, stigma capitatum. Capsulae in gynophoro brevi sessiles infra coalitae, altera saepe abortiva, coriacea 1 — 3-spermae. Semina curvata rostrata nigra punctulata, radícula infera. Embryo curvatus, cotyledones lineari-dilatatae incumbentes. — Arbuscula e basi ramosa: foliis mini mis linearibus cuneatis; racemis terminalibus laxis; floribus atropurpureis.

1. *TH. MONTANA Torr. & Frémond 1. c. — \) — Tota planta glandulis consper*
odorem fortiter aromaticum spargit. — Crescit in California.

f Genera ad SIJffARUBACEAS relatos

B968. DICTYOLOMA DC.

5970. BRUCEA Mill.

5979. SPATHELIA Linn.

5980. AILANTHUS Dsf.

Ordo LVI. SIMARUBACEAE Planchon.

(PI.inch on in Hook. Loud, journ. of bot. V. 560. — *Simarnbeae* Rich. — DC. Prodr. I. 733, — Wlprs. Rcpert. I. 524. II. 826. V. 397. — *Terebinthacearum*, *Zanthoxylearum**
Ochnacearum et *Polygalearum* genera Auct.)

Flores abortu diclines aut polygami, rarius hermaphroditi regulares. Calyx 3 — 5-divisus. Petala totidem, divisuris calycinis alterna, aestivatione valvata vel valvato-involuta, non raro imbricativa. Stamina numero petalorum vel dupla, sub margine vel inter lobos disci hypogyni inserta, filamentis intus basi squamula adnata appendiculatis, rarius nudis; antheris bilocularibus introrsis, in genere uno extrorsis. Ovarja 2__5, gynophoro magis minusve evoluto insidentia, nunc libera, styli* apicalibus supra basin in unum confluentibus, nunc connata, stylis^a basi concretis. Ovula in carpello vel loculo 1 — 2 rarissime 4 — 6, secundum conformationem variam angulo interno varie aftlxa, si anatropa eub apice loculi, si amphitropa versus medium, si demum hemianatrop^a supra basin, unde suspensa, vel peritropa vel ascendentia evadunt. Fructus e carpellis liberis vel connatis, drupaceus, nucamentaceus, rarius samaroideus vel capsularU. Carpella ex ovulo solitario vel abortu saepius monosperma, rarius 2—4-sperma. Semina integumento semper membranaceo, umbilico non carunculato, chalaza colorata saep^{†1*} lata. Albumen nullum vel parcum, rarissime crassum carnosum. Embryo[^] in seminibus anatropis rectus, radícula versus micropylum, apice^{cot 3J^{6*}} donum versus chalazam directo, in hemianatropis rectus, apice cotyled^o num a chalaza magis minusve distante, in amphitropis hippocrepicus^o medio conduplicatus, cotyledones plano-convexae vel subfoliaceae, rarissime contortuplicatae vel conferruminatae, radícula semper supera. —

Suffrutices vel arbores excelsae: foliis alternis exstipulatis abrupte vel impari-pinnatis, rarius bipinnatis vel simplicibus, foliolis non raro alternis, basi magis minusve obliquis, integerrimis vel glanduloso-scratis, nunquam pellucido-punctatis; floribus saepissime fasciculato-umbellatis, fasciulis in racemos vel cymas divaricatas vel paniculas digestis, rarius in axilla foliorum solitariis. — Sapor partium omnium magis minusve intense amarus, pubes — si adest — simplex rufescens vel albida; glandulae foliorum marginales interdum pellucidae, sed resinosae, nee, ut in *Idnthoxylcis*, oleo volatili scatentes.

Tribus 1. *SIMARUBEAE* Planchon 1. c. 561.

Stamina numero petalorum dupla, filamentis intus squamula interdum minima auctis. Ovaria libera, uniovulata, embryo rectus.

I. (5962.) *aUASHIA* DC.

(DC. Prodr. I. 733. — Wiprs. Repert. *I. 524. — Planchon in Hook. Lond. Journ. V. 561.)

Flores hermaphroditi. Calyx parvus quinquepartitus. Petala calyce multo majora membranacea, aestivatione contorta, sub anthesi non patentia. Stamina 10 exserta, squamula basilari brevi. Ovaria quinque. Stylus (e quinque connatis) gracilis longus contortus, stigmate quinquelobo terminatus. Carpella 5 drupacea. — Arbor glaberrima: foliis alternis imparipinnatis, junioribus interdum unifoliolatis, petiolo alato, foliolis oppositis oblongo-obovatis integerrimis membranaceis; racemo terminali simplici vel ramoso, saepius solitario; floribus coccineis majusculis, breviter pedicellatis. — Species unica, quae

- 1. QU. AMAKA L. fil. — DC. Prodr. I. p. 733. — Planchon 1. c. 562. — Crescit per Americam tropicam late diffusa et frequentissime culta.

Obs. Genus inter affines consistentia partium membranaceasignis, ut *Triphasia* inter *Aurantias*.

II. (5965.) *SALTADERA* Gaertn.

(Wiprs. Repert. I. 525. — Planchon in Hook. Lond. Journ. V. 563)

Flores hermaphroditi. Calyx brevis quadripartitus, laciniis extus basi 1—2-glandulosis. Petala quatuor (non raro 3—5) calyce multo longiora crassiuscula. Stamina octo inclusa, squamula basilari brevi. Ovaria quatuor. Styli basi liberi mox in unum coaliti. Stigma acutum. Drupae siccae, magis minusve compressae, quaternae vel saepius abortu solitariae. — Arbores vel arbusculae: foliis simplicibus, breviter petiolatis, integerrimis rigidis, eximie reticulato-venosis, subtus ad ortum nervi medii biglandulosis; pedunculis axillaribus vel terminalibus strictis longis, apice compresso subdilatatis, flores paucos majusculos flabellato-umbellatos gerentibus.

1. S. INDICA Gaertn. fruct. II. tab. 15G. fig. infera. — Wight, Ill. of Ind. bot. tab. 68. — Wiprs. 1. c. no. 1. — Planchon 1. c. — Arhorca: foliis ellipticis; pedunculo (lorifero folio subaquali vel longiore, fructu leucicilari-compresso, circiter 2 poll. longo, lato, venis epicarpium sub epidermi laevi vix conspicuis. — Crescit in India orientali et insulis Ceylon et Malay.
2. S. LUCIDA Wall. Pl. As. rar. vol. II. tab. 1G8. — Planchon 1. c. — Arbuscula: foliis ellipticis; pedunculo (lorifero folio multo brevioris; fructu lenticulari-compresso, vix non pollarem longo, superficie eximie nervoso-reticulata, pericarpio crassiusculo. — Crescit in India orientali provincia Amherst.
3. S. MADAGASCAIUKNSIS Ad. Juss. Mem. Rut. tab. 27. f. 46. — Planchon 1. c. 563. — Arbuscula, pedunculo foliis longiore, fructu compresso capsulaeformi, pericarpio non crasso (ex Adr. Juss.). — Species ex iconibus tantum nota, praecedenti affinis,

sed ptilis multo brevioribus diversa. *S. glandulifera* Prsi. Symb. bot. 1. tab. 51. (ex YYalcitt) e&t vensimiliter *S. Indica*. Glandulae ad basin folii in omnibus speciebus observantur. — *Nwta* Lam. III. t. 299. — Crescit in insula Madagascar.

III. (5964.) MMAB1 Aubl

(DC. Prodr. I. 733. — Wlprs Ilpct I. 524. II Sib V 397. — Planchon in Hook. Lond. Journ. V. 5b3. — *Aruba* Aubl. — *Zwingera* Sclireb. — *Phyllostemma* Neck. — *Quasute* sp. Rich)

Flores hermaphroditi. Calyx parvus 4—5-divjans. Petala 4—5 longiora patentia. Stamina 8—10 non exserta, squama staminum longa saepe bifida. Ovaria 4—5 gynophoro insidentia, stylis basi hberis mox in unum coalitis, lobulis stigmaticis 4—5 terminatum. Carpella 4—5 drupaced, saepe exsucca. — Arborea vel frutices Americae tropicae: foliis alternis, impari- vel abrupte pinnatis, numero et situ foliolorum valde ludentibus, interdum unifoliolatis vel ternatis, foliolis integerrimis coriaceis glaberrimis vel pubentibus aut subvelutinis, saepius glaucescentibus, Hores non raro majusculi, pube vel tomento adpresso interdum sericeo vestiti, fasciculato-congesti, fasciculis nunc axillaribus, nunc racemosis, nunc in paniculam ramosissimam pyramidalem collectis.

1. *S. GUYANENSIS* AuM. Guy. I. p. 400. tab. 153. — Planchon 1. c. 563. — Foliis imbricatis 1—3 jugis, foliolis oblongis utunque acuminatis, apice emarginatis; fasciculi* (lorum axillaris (ex Aubl), Iccmis axillaris (ex DC. qui plantam vidit), floribus pro genere parvis. — Crescit in Guyana.
2. *S. OIUNOCENMS* Kunth in H. et Bonpl. Nov. gen. et sp. VI. p. 14. tab. 604. a. b. — Planchon 1. c. 564. — Foliis trifoliolatis vel abrupte bifidis, foliolis oblongis obtusis, racemis terminalibus, simplicibus vel ramosis. — An satis a precedente diversa? — Crescit in aetate calidis ad Orinocum prope Carachana.
3. **S. MULHILLOHA* Ad. Juss. Mem. Rut. tab. 27. no. 45. a. — Planchon 1. c. — Praeterea alius floris indescrita. — Crescit in Guyana.
4. *S. SUJICAMOSA* A. S. Hil. et Tul. in Ann. des sc. nat. (2. ser.) XVII. p. 137. — Planchon 1. c. — Foliis glaberrimis imparipinnatis, foliolis ellipticis vel oblongo ellipticis, apice obtusissimo rotundatis vel subcuspidatis, paniculae folus bivialis ramis cymosis. — Ex auctt. affinis *S. suaveolent*. — Crescit in monte Corcovado* prope de Janeiro.
5. *S. FLORIUMSDA* A. S. Hil. PI. rem. Bras, et Par. I. p. 126. tab. 10. — Planchon 1. c. — Foliis imparipinnatis, foliolis lanceolato ellipticis vel oblongis obtusiusculis glabris, panicula magna composita. — Crescit in Brasiliae provincia Minas Geraes, et in parte ejus Minas novae dicta.
6. *S. SUAVEOLENS* A. S. Hil. 1. c. p. 128. tab. II. A. — Planchon 1. c. — Foliis abrupte pinnatis, superius trifoliolatis aut simplicibus, foliolis ellipticis vel subrotundo ellipticis, glabris, racemis compositis. — Crescit in Brasiliae provincia Minas Geraes.
7. *S. CUNEATA* A. S. Hil. et Tul. 1. c. p. 138. — Planchon 1. c. 565. — Caule arboreo; ramulis glabris, folus imparipinnatis glaberrimis, foliolis obovato (uneatis obtusiusculis), panicula laxa folus multo longiore. — Squamae longiusculae lineares bifidae ovatae tomentoso villosissimae. — *Stemba laevis*? Casaretto ex Wlprs. Repert. bot. V. p. 3%. — Crescit in montibus prope Rio de Janeiro.
8. *S. FERRUGINEA* A. S. Hil. PI. rem. Bras, et Par. I. p. 127. et Flor. Bras merid. I. p. 72. — Planchon 1. c. — Foliis imparipinnatis, foliolis ellipticis pubescentibus subtus nervosis, panicula composita subsessili, folio brevioribus. — Crescit in Brasiliae provinciae Minas Geraes parte deserta, Certao dicta.
9. *S. CLANDULIFERA* Gardu. in Hook. Lond. Journ. of bot. II. p. 160. — Planchon 1. c. — Arbuscula folus maximis abrupte pinnatis, foliolis angustis utrinque trinerviatis, glandula terminatis, panicula magna composita rufo tomentosa. — *Simaba longifolia* Casaretto in Ann. des sc. nat. Vol. 17. p. 137. — *Simaba longifolia* Casaretto

retto ex Walp. Repert. bot. V. p. 397. — Crescit In munte Corcovado et In montibus feierra de EstrelU prope Ulo dc Janeiro.

10. S. TIUCHILOIDES A. S. Hil. PI. rénu Bras, et Par. I. p. 120. tab. 2. B. et Fl. Bras. mer. I. p. 72. — Planchon 1 c — Frutescens: fohis imparipinuat, foliohs late ellipticis obtusissimis, apice raucronulatis, supra pubescentibus, subtus subtumento sis vel glabris, floribus pullicem et ultra lon^is, secus p imculae hubsimplicis ramos strictos fasciculato congestis. — Species valde vanabihs, std flonbus lon^is extus adpressc rufo senceis, squamisque stimum in tubum loiigum approximate facile eojiioscenda, ludit petiolo communi foliohsque basi obtusis vel subcorditis ^labns vel utrinque rufo-tomentosis, pamcula subsimplici vel ramosa. — Crescit in canipis occideitdibus provlnciae Minas Geraes, in provmcus Piauhy et Pernambuco et in Guyana
11. S. CEDRON Planrlion 1. c. 560. — Trunro simplici erecto gracill, folus mivlmis cum Impart 20 et ultra JU_BMS, fohohs angntis elliptius, glandula apiculatis glabris, supra livide virentibus, subtus palhdis, racemis longit», llouhus fere 5 *trichdwidis*. — Arbor ob vires febrifu^as Celebris. — Crescit ad npas 11 uminis Magdalenae, prope pa^um San Paplo Novae Granadae.

IV. IIIWOA *Planchon*.

(Planthon in Hook. Lond. journ. V. 566.)

Flores diclines (an poly garni?). Masc.: Calyx primum clausus subgloboeus, mox in lacinias quinque magis vel minus subbilabiatis connatas nipt us. Petala 5 oblon^a, aestivatione marginibus leviter imbricata. Stamina decem, exteriora 5 petalU opposita, caeteris breviora. Filamenta subuiata cum apice squamae angustae ciliatae fere continua. Antheiae ovatae biloculares, medio dorso affixae oscillantes. Discus annuliformis elevatus, ovariuin mentiens, verticaliter 10-sulcum, basi gynohoro ddnatmn, apice pcrvio stylulos 5 ex&erens. Ovaria quinque vcrUiniiliter elloeta libera, inter se approximata, disco subvclata Flor. focm. ignoti. Drupae 1 — 6 monobpermae — Arbor erecta 15— 20-pedes alia: folih> alternis cum impari 2 — 4 jugis, foliolib oppositis oblongo-obovdtis, apice rotunddtis, mucrone latiusculo subcomplicato glanduloso termindtih, basi cuneata in pctiolum longum attenuates, maigine iitegerrimo subundulatis coriaceis glanduco viridibus, nervo medio utrinque prominulo, laterahbus tenuibus iinmersis; panic ula terminal*! foliis brevior; floribus subcymoso-fasticuldtia pedicellUque 1 — 2 lin. longis, pube tenuissima cinerea indutis.

*1. II. UNDULVTA Planchon 1. c. 5b7 — *Simaha? undulata* Guill. etPeu. 11. Scne_o-p. 13b. tab. 34. — Ciesut ad npas flunuius dambiae circa Albreda.

V. (5963.) SIHIRVIA *AxiHU*

(DC. Prodr. I. 733. — Wlprs. Ueprt. I. 524. — lMinclion in Hook. Loml. jouin V 561)

Flores diclines. Calyx parvus quinquedivisus. Petala (juiiiique sub anthesi apice patentia, acstivdtione imbucata. Masc : Stamina dot cm non exserta, sub disco gynophori basin ambeunte inseita; squanuid filamenttoruin brevi. Ovaiiorum rudimenta lobuliformia mi nut a vel nulla. Koem.: Rudimenta stdminum squamiformia hiisuta, gynophoro vivlongiora. Ovaria quinque uniovulata St)li supra basin connati. Stigma (juiiHjue lobum. Drupae quinque vel abortu pauciores. — Aibores Ameiicae tiopU^e: foliuh alternis nparipinnatis, foliolis saepius alternis itcgeriimieis glanducescenlibus glaberrimis vel rarius pube simplici densa subtu*. ^utis; fioribus non conspicuis, in cymulas paniculatas dispositis.

1. S. OI-HCINALIS Aulil. Guy. II 8J(I. tab 331. 332. — PKinbon 1. c. — tohohs &ae pius apice subacuminatis, subtui pube&ccntibus. — Ciescit in Guyana (ct in insults Canbaeis?)

- 2 S VERSICOLOR A. S. III PI us tab. 5 — Planchon 1. c. — *Tollo*ls apice obtusissimis emirginatis, subtus *Llabermii*& vtl molter pubescentibus, petalis submembranaceis, revolutis patentibus — Crescit in Hiabilia.
- 3 S CLAUC V DC *Vodi* I p 733 — Planchon 1 (— *Foliolis* glaberrimis*, apice obtusissimis, petioli *is&ib* — *S officiuulu* Macfad. 1 lor. uf Jamaica. — Crescit in insulis Cuba et Jamaica.

VI. (5936.) CASTELI *Turp.*

(DC. *Piodi*. I. 738 — *Wlprs. Repert* I. 525 — *Phnehon* in *nook*. Lond. *jouin*. V. 567.)

Florej> dioici. Calyx brevis quadrifidus. Petala quatuor non longa, aestivatione Mibcontortiu imbricatd Maj>c. Stamina octo, sub marine disci carnobii plani octo-crenati inserta inclusa, alterna petalis opposita, caeteus paulo breviora, filamentis subuldtis, superne ^labris, mtus ad ba&in imam squamula brevissima pilosa adnatd appendiculatis. Pistilli ludimeitum 0 vel ranssime lobuliforme mi nut urn. Kocm. Stamina abortiva. Ovaria quatuor gynophoro abbrevidto libidentia appioxiiiiata, &tylis apicibus ima basi liberis, mox spatio brevi coadunatis, iterura distinctis, revolutis patentibus, latere interno stigmatosis, (in *C deptc\<ia*, ex icon. *Turpiniana* verissimiliter erronea, styli lere ad apicem connati). Ovula in carpello quoque bohtaria. Baccae quatuor, divergentes, endocarpio crustaceo a sartotarpio tenui, amarissimo non solubili. Semen ovatum, iuniculo lato brevissimo angulo interno locuh versus medium in&ertum, bcmianotropum, iniciop^le supera, raphe brevi, chalaza latissima colorata, inte^uinento membranaceo, albumine parco einbryonis recti radirula supeia, cotyledonibus crasbis piano convexis. — Suffrutices Americani inter et extra trophos hemisphaerii utriusque observati, habitu ingrato rhamnoideo: ramis depressis vel eiectis, parce foliatis, spinis supra-vel infra? axillaribus armatis; foliis. *Okac* vel *Rliamni Ahitcim* simpliciter alternis exstipulatis, petioli *bre\ibus* vel subnullis, cum ramo articulatis; foliis minutis inconspicuis viridescenti-rubentibus, in fasciculos axillares saepius depauperatos collectis.

1. C. DEPRESS\ *Tuip* — DC 1. c — *Planchon* 1. c. 568 — *Folus* ovali oblongis, basi subcoidatis sessilibus, subtus l imulisque incanis, spinis axillaribus, stylo indiviso {racili. — Crescit in insula *St Donunici*.
2. C. NICHOLSONH *Hook* *Dot* misc. I p 271 tab 5G — *Wlprs.* 1 c — *Planchon* 1 c. — *Folus* oblongis, basi saepius acutis, subtus ramisque incanis seuccis, spinis axillaribus, stylis quatuor supra basin connatis, mot hbris revolutis patentibus — *Ciesut* in insula *Antigua*, in montibus *Texas* *Amencae* svptentrionahs, nee non in insulis *Cillipigos* *Occan* *pacifici*, non procul ab oris *Peruviae* superiors
3. C. EHLICIA *Turp* — DC 1 c — *Planchon* 1 c 509. — *Folus* lanceolatis, breviter petiolatis, cortice fusco glabro (>), spinis infra axillaribus, foliis feie *C ilepressae*, in itleo st>lus indivisus' — *Ciesut* in insula *St Domuuci*
4. C. *fub* LDII PI *inclin* 1 c — *Folus* linearis oblongis, breviter petiolatis, utrinque acutis mtejerrums nlabns, spinis junioribus ixillaribus, vctubtionibus secus ramos denuditos ptihihti utibub clon^atis, ramulos btipantibus, pseudo mfa axillaribus, floribus (inisculis) 5 — 7 axillaribus fasciculatis — Crescit in provinciis *Paiana* et *Haiid* i oriental *Hi* isili ie extntiopiae.
5. C. AL\r&RNII *OLIA* *Phnchon* 1. c — *Folus* breviter petiolatis ovali oblongis, utrinque acutis, remote subspinoso dcuticulatis vel internis claims, spinis l imulorum axillaribus brevibus, floribus (focmmeis) 2 — 3 in lamulo abbrevidto hia< teolato breviter pulicillatis, stylis suptme libens looluto patentibus — *Ciest* it in 1 hile.
- i). C. MLUMGEJV *Hook*. *f* liansact. of the *Liun* soc. XX. 229. — *Uamis* stricis m umibus, cortice glabro cintreo rimoso mdutis, folus huean lanceolatis acutis valde convexis. \) — Crescit in insula *Chatam*.

Tribus II. *HARRISONIEAE* Planchon 1. c. 569.

Stamina numero petalorum dupla, filamentis intus squamula parva appendiculatis. Ovaria connata uniovulata. Embryo intra albumen parvisimum conduplicatus.

VII. (5967.) *HARRISOXIA* Rob. Bv.

(II. Dr. in Adr. Juss. Mem. Rutac. 134. — Wlprs. Repert. I. 523. — Planchon la Hook. Loud, jouru. V. 5139)

Flores hermaphroditi. Calyx parvus quadrifidus. Petala quatuor, calyce longiora, aestivatione subvalvata. Stamina octo, filamentis intus ad basin squamula bifida ciliata auctis. Ovaria quatuor, gynophoro brevi inserta, in unum quadrilobum quadriloculare concreta. Stili basi ima distincti, mox ad apicem connati. Dacca parva globoso-quadriloba, endocarpio non solubili. Semen subglobosum ex apice loculi suspensum campylotropum, embryonis viridescens cotyledones complanatae crassiusculae, versus medium conduplicatae, albuminis lamina tenui intraplicam cotyledonum extensa. — Frutex Archipelagi Malayani, nee non orae Novae Hollandiae septentrionalis: ramis gracilibus, spinis acutis raris sparsis, interdum ad basin foliorum geminatis armatis; foliis alternis stipulatis tri- vel rarius unifoliolatis, foliolis ovato-oblongis integris vel basi dentatis, membranaceis, exsiccatione fusciscentibus; cymulis axillaribus pedunculatis; floribus inconspicuis, pedicellis basi bracteolatis.

* I. H. BROWNII Ad. Juss. Mem. Rut. tab. 28. no. 47. — Gaudich. Voy. Treyc. tab. 103. — Planchon 1. c. 570. — Crescit in insula Timor, in insulis Zebu et Bohol Philippinarum et in ore septentrionali Novae Hollandiae.

VIII. (5967/!) *LASIOLEPIS* Bennett.

(Horsf. et Bennett, Pl. Javan. rar. 202. t. 42. — Wlprs. Repert. V. 398. — Planchon in Hook. Loud, jouru. V. 570.)

Omnia praecedentis, ad quod forsitan, non obstantibus floribus pentameris, melius esset referendum.

1. L. BEN NET II Planchon 1. c. — Frutex: ramis flexuosis aculeatis; foliolis ovato-oblongis, leviter erenulatis pubescentibus vel glabris.

Var. or. *paucijuyu*: foliolis 3 — 5-jugis. — *Las. paucijuga* Benn. 1. cit. — Crescit in insulis Java et Luzon Philippinarum.

Var. fi. *muttijuga*. — *L. muttijuga* Benn. 1. cit. Foliolis 9—12-jugis. — Crescit in insula Mindanao Philippinarum.

Tribus III. *AILANTHEAE* Planchon 1. c. 570.

Stamina numero petalorum vel dupla, filamentis nudis. Ovaria in floribus 3 — 5-meris 2 — 5, libera vel connata, 1-rarius 2-ovulata. Carpella indehiscentia baccata nucamentacea vel samaroidua, monosperma, altero saepius eifoeto, albumen par cum vel nullum, embryonis recti vel subcurvati radícula semper supra, cotyledones plano-convexae, rarius contortuplicatae vel in massam indivisam concretae.

IX. (5980.) *AILANTHIV9* Dcsf.

(DC. Prodr. II. 88. — Wlprs. Repert. I. 523. — Planchon in Hook. Lond. jouru. V. 571. — *Turritia* Blume ?)

Flores polygami. Calyx brevis quinquefidus. Petala quinque oblonga, aestivatione induplicato-valvata, demum patentia, marginibus infeme leviter involutis villosa. *Muse.*: Stamina decem petalis subaequalia sub disco plicato quinquelobo inserta. Ovariorum rudimenta inter se

distincta. *Ilermaphod.* (vel *focm.* >): Stamina abortu pauciora. Ovaria quinque distincta compressa. Styli totidem antice infra-apicales subleri, apice dilatato intus stigmatosi. Samarae 5 vel saepius abortu pauciores, oblongae, intus versus medium leviter emarginatae monospermae. Semen subperitrope suspensum, integumento membranaceo, hilo elongato hinc micropylis superae, iliinc chalazae subanticae (nee micropylis e diametro oppositae) proximo. Embryo intra laminam albuminis tenuem rectus, radícula brevis, cotyledones crassiusculae planae. — Arbores excelsae, inter et extra tropicos Indiae crescentes; foliis impari- et abrupte pinnatis, foliolis petiolulatis, basi inaequilateris, grosse glanduloso-dentatis vel integerrimis, non pellucido-punctatis, livide virescentibus et foetidis, membranaceis, glabris vel pube simplici rufo cinerea detergibili indutis; paniculis ad apices ramorum foliosorum subterminalibus laxis multifloris, iloribus polygamicis inconspicuis virescentibus, pedicellis longiusculis, basi bracteolatis subfasciculatis.

1. A. EKCELSA Dene, mlcqumnt. Voyage IV. 162. f t. 1C2— Roxb. Corom. tab. 23. — Wight, III of Ind bot. I. tab. G7. — Planchon 1. c. — Foliis magms abrupte pinnatis, fulliolis longe petiolalis basi valde obhquis, grosse dentatis. — Crescit in montibus Circars Indiae onentalis, versus oiam Coromandelieue.
2. A. GLANDULOS* Desf — L'Hent. Stirp. tab. 84 —DC 1. c. — Planchon I. c. — Foliis imparipinnatis, foliolis basi grosse glanduloso dentatis vel ranus submtagus.— Crescit in China et Moluccis (0 indigena, nunc in Euiopa praesertim australi frequen tissime culti.
3. A. MALAIARIC\ DC 1 c 80 — Planchon 1 c. 572. — Foliis abiupte pinnatis, foliolis longlsfalcatis integerrimis, samans obtusis, infeine connatis? (vensimiliter casu ut in speciebus ah is non raro obseivatur.) — A. *inteyrtfolia* {3 Lam. — *Pungellon* Rheed. — Cicscit in oia Malabanca, ad Bombay (i)

* *Species non satis nota.*

4. A. MOLUCCAN\ DC. Piodr. II p. 89 —Planchon 1 c —Folus abrupte pnnatifr 5 — b jugis, foliolis Integerumit e,landulosis, samans mtei se liberls. — Arbor maxima, in ib A *glandulosa* satis diflert? — A. *integfoUa* a Lamk. — *Arbor Coeli sen caju longit* Humph. — Crescit in insulis Moluccanis.

Obs *lantetia Javamca* Hijiir. p. 227 ib auctore ad Malpighiaceas, <b Endlichtf⁰ ad calcem *Supindacearum* referta, wdetur essc *Ailanthi* sp, quae folus quiuque foliolatis a praecedentibus facile distinguitur.

X. (5971!/-) PICRAS3HA Blume.

(Bijdr p. 247. Benn pi. Jav rar. p. 197. 198 —Wlpiis. Itepert. V. 393 — Plain lion »» Hook Lond jouin V. 572 —*Ntma* Ilanult. Msc. — *Quassiae* sp Swit/. — *Stmabae* sp. Don — *Swiarubue* sp. DC — *Rhois* sp Bung — *Ptcranena*Lindl.— *MueiUena* \Valz — *ACbdinjon* Fl Flum)

Flores dirlines vel polygami * Caljx minutns 4—5 dentatus. Petals 4—5 ovata, basi lata, in floribus foemineis saepe accieta, in mabc. marcescentia. *Mcidt* Stamina 4 — 5 petalis alteina, sub disco cras^o insert<i> filamentis subulatis in feme pilosis, antheris parvis. *loan*, vel *Utiw[^]' phiod* ' Stamina 0 vel effoeta? Ovaria 3—5 disco cra&so insidentia oi' stincta, stylis totidem apicahbus supra basin in unum concretis. Diup^{ae} 1—3 pisiformes, receptaculo incrassato insertae monospermae. Semen magis minusve hemianatropum, peritropum vel subascendens, integumeti- tum membrdiaceum, embryo intra albumen carnobum rectus, radícula supera. — Arbores in Napalia, China boreali, Java, Antillis et insuj^a St. Catharinae Biasiliae meridionahs observatae, Uabitu *Adanthi* ^{vft1} st *crammae*: foliis alleruis imparipinnatis, foliolis integerrimis vel glanduloso-dentatis, pari infimo interdum subabortivo stipularum formam indu-

rntc; floribus inconspicuis in cymas axillares pedunculatas versus apicem ramorum collectis. Partes omnes insigniter amarae.

1. P. JAVANICA Illume, Bijdr. p. 248; Benn. 1. cit. tab. 41. — Planchon 1. c. 573. — Foliolis quinis (nunc ternis) breviter acuminatis integerrimis; floribus tetrameris. — Crescit in insula Java.
2. P. NAPALENSIS Itann. loc. cit. p. 201. — Planchon 1. c. — Foliis septenis (nunc ternis) longius acuminatis integerrimis; floribus tetrameris. — Crescit in Napalia.
3. P. QUASSIOIDES Benn. 1. c. p. 198. in adnot. — Planchon 1. c. — Foliolis 9 — 15 acuminatis serratis, pari infimo interdum stipularum formam induente; floribus pentameris, pube brevi ferruginea novella, petiolos inflorescentiam induente, sub foliis **rariores**. — *Nima quassioides* Hamilt. mss. — *Simaba quassioides* Don. — *Brucea Napalensis* Wall. — Crescit in Napalia.
4. P. AILANTHOIDES Planchon 1. c. — Glaberrima (excepta gemma terminali): foliis 7 — 11, ovato-oblongis acuminatis, glanduloso-serratis; cyma (mascula) brevi paucicillora; floribus pentameris. — *Rhus ailanthoides* Bnge. — Crescit in Chtnae montibus Zui'wey-Schan.
5. P. EXCELSA Planchon 1. c. 574. — Foliolis 9 — 11 ovato-oblongis, obtuse acuminatis, basi obliquis, integerrimis, supra glabris lucidis, subtus in nervis puberulis vel glabris; cymis terminalibus, foliis brevioribus, dichotomis pedicellisque brevibus pube brevi simplici lutescente, interdum subresinosa indutis. — *Quassia excelsa* Siv. — *Simaruba? excelsa* DC. — *Picranena excelsa* Lindl. — Crescit in sylvis Jamaicae et Antiguae.
- G. P. VELLOZH Planchon 1. c. — Foliolis 9 — 11 oblongis, basi acuta valde obliquis remote glanduloso-serratis glabrescentibus submembranaceis; cymis terminalibus; pubescentibus; floribus *P. excelsae*. — *Aeschryon crenata* Fl. Flum. I. t. 152. — **Crescit** in insula St. Catharinae et Brasilia meridionali.

XT. (5970.) **BHUCEA** Mill.

(DC. Prodr. II. 88. — Wlprs. Repert. I. 519. — Planchon In Book. Lond. Journ. of bot. V. 574.)

**Flores dioico-polygami. Calyx quadripartitus. Petala quatuor minuta linearia, apice intlexa. Muse: Stamina quatuor, sub disco quadri-
lobo glanduliformi inserta, petalis alterna, filamenta nuda, antherae subrotundae biloculares, loculis introrsis, connectivo non conspicuo sejunctis. Focm.: Stamina 4 effoeta (in hermaphrod. fertilia). Ovaria quatuor gynophoro depresso insidentia approximata uniovulata. Styli totidem lineares breves subapicales recurvo-patentes, intus stigmatosi. Drupae 4 subsiccaae parvae, endocarpio rugoso ab epicarpio non solubili. Semen *Ailanthi*, sed non compressum. — Frutices inter tropicos Africae et insularum Indiae vigentes: foliis alternis exstipulatis imparipinnatis, foliolis basi obliquis integerrimis vel grosse serratis, glomerulis florum densis vel cymulis brevibus in spicas strictas dispositis, floribus inconspicuis purpurascens, pedicellis brevibus basi bracteolatis. Pubes simplex rufescens, saepius densa novella, imprimis petiolos inflorescentiam, imo calyces et petala induens. Sapor amarissimus, vires, ut plurimum affnium, febrifugae.**

1. BII. ANTIDYSENTERICA Mill.—DC. 1. c.—Planchon 1. c. 575. — Pubescenti-hirsuta: foliolis integris glomerulis florum interrupte spicatis; calycibus petalisque extus dense hirtellis. — Crescit in Abyssinia collibus siccis prope Adoam.
2. BR. PANICULATA Lamk. — DC. 1. c. — Planchon 1. c. — Teiuissime pubescens vel Bubglabrata: foliolis integerrimis; corymbulis spicatis; calycibus, inlorescentia pedicellisque parce et adpresse pilosis. — *Dr. Guincensis* Don, General syst. I. 800. — **Wlprs.** V. c. no. 1. — Crescit In montibus Sierra Leone Africae occidentalis.
3. BR. **SUMATRANA** Roxb. — Planchon 1. c. — **Velutino-pubescentia** vel subglabraU:

foliolis grosse dentatis; floribus masculinis in cymis brevissimas spicatas condensatis, foemineis glomerulato-spicatis; laciniis calycinis linearibus. — *Dr. gracilis* DC.
— Crescit in insulis archipelagi Malayani, nee non in continente Indiae orientalis.

4. DR. GLADHATA Decaisn.— WJprs. 1. c no. 2. — Planchon 1. c. — Subglabrata: foliolis remote et obtuse dentatis; floribus hermaphroditis spicalis; laciniis calycinis ovatis. — A praecedente vix diversa. — Crescit in insula Timor.

Xri. (5658.) SOILAUIEA Lamk.

(Lam. Diet. I. 449. — DC. Prodr. I. 335. — WJprs. Repert. 1.248. — Planchon in Hook. Lond. journ. V. 57(5. — *Cardiophora* Benth. in Hook. Lond. jour. of bot. II. p. 216.)*

Flores hermaphroditiv Calyx minutus tripartitus. Petala 3 linearia reflexo-patentia. Stamina 6 sub disco patelliformi trilobo subbiseriatim inserta. Ovarium compressum, apice emarginatum biloculare. Stigmata linearia sessilia, oblique introrsa, inter se distantia. Ovula in loculis solitaria, angulo interno sub apice loculi suspensa. Capsula indehiscens obcordata coinpressa alato-marginata bilocularis dispenna. Semina *Ailanthi*, umbilico nudo, albuminis lamina tenui. — Arbuscula Moluccana et Oceanica: foliis alternis exstipulatis* simplicibus, petiolo longiusculo, apice subincrassato et subgeniculato nee articulato, lamina obovato-oblonga integerrima membranacea glabrescente, livide virescente; floribus minutis glomerulato-spicatis.

- * 1. S. AMARA Lamk. 1. c. — Endl. in Ann. Wien. Mus. I. p. 188. tab. 16. — Planchon 1. c — *Rex amaroris* Rumph, Hb. Amboin. II. 129. t. 40. — Crescit in Moluccis.

XIII. (5941.) FICRAMXIA Srvrtz.

(Flor. Ind. occid. I. p. 218. tab. 4*—DC. Prodr. II. CG. — Wlprs. Repert. *I. 539. II. 830. — Planchon in Hook. Lond. journ. V. 575.)

Flores dioici. Calyx 3 — 5-partitus. Petala 3 — 5 linearia, apicibus acutis aestivatione inflexis. *Masc*: Stamina 3 — 5 petalis opposita, sub disco depresso lobato inserta, filamentis subulatis nudis, aestivatione inflexis; antheris introrsis, loculis connectivis* crassiusculo sejunctis. *Foem.*: Squamulae lineares (stain, rudim.) petalis oppositae. Ovarium disco depresso insidens, 2- rarius 3-loculare, loculis biovulatis. Stylus brevis bifidus, divisuris dentiformibus recurvis, intus stigmatosis. Bacca olivae-formis bifarius abortu unilocularis, loculis abortu monospermis. Semen ex septi apice pendulum, facie planum, dorso convexum, anatropum, integumentum membranaceum, pallide rufescens, embryoni subjecto arete adhaerens. Embryo e massa indivisa constans, puncto radiculari inconspicuo. — Frutices Americae tropicae: foliis alternis exstipulatis imparipinnatis, foliolis saepius subalternis, basi magis minusve obliquis, integerrimis, rigide membranaceis vel coriaceis, floribus parvis rubescentibus, glomerulato- vel fasciculato-spicatis, spicis saepius oppositifoliis et deflexo-pendulis, non raro geminatis et ramosis.

Flores pentameri.

1. P. PENTANDRA Swtz. Fl. Ind. occid. I. p. 220. — Planchon 1. c. 577. — Foliolis 9 ovatis obtuse acuminatis glabris subcoriaceis nitidis, reticulato-nervosisj paniculac terminalis ramis strictis, adpresse pubescentibus. — Crescit in insula Montserrat et insula Antigua.
2. P. POLYANTHA Benth. Pl. Hartw. p. 60. — Planchon 1. c. — Foliolis 9 ovato-lanceolatis longe acuminatis, supra glabris, subtus cano-puberulis vel glabrescentibus, subcoriaceis; paniculac ramosissimac floribundae ramis cougestis, brevibus vel

*) Cf. Wlprs. Repert. V. 417.

- gatis; pedicellis et calycibus cado' puberullai petals liii'-nrihus acnfiMitmis atro-pur-
parris. — Crescit in Mexico, In montUma Chintntla, loco ditto Villa Alt,i, ¶ ii, mon-
tibus Sierra San Pedro Nohisco.
3. P. SALAPENSIS Planchon I. c. — Follolla multis pta'ra, ar, & alterntt, warts vel
ovato-lanceolatis, longe bftcurtii.ilts equilateris glab' iifcuUa raembranar
zeta, peti ill* iirvi!tjui* madiU fi>ti>rum sulitus pubescentibus; panirul; et fl'irilms
pracedent is. — Kpi'cia a congeneribus filiolii niiii' croala pu' | HK-mkratiaccU £a-
cile distinguendi. — Crescit in Mexic<i, in muittibuit >r>di; ! Salapam.
4. P. \$PHA\$HOCARPi l'lnchun 1. c. 818. — Follolii 13—15 dlplico-lanceo! atis,
bs.il s'.it.ii>iil; iis, < p 11 r u s r >, i' i' umiu.it is Integerrimlj, <upra glahris, suldis petlolUque <t
lofiot<sc<ntia dense hiriullis; ftoribas \>t> (J<'<'<'F** lnsjusculs, glonettilato- * | loalis;
>j)(ca ramnsn, suejitus deflgi*; pedteelHi crwnil brevibu) taccb glubosis. — Foliola
i½ — 2 | Jull. tonga, <; — 10 lin. lain, COTUC6A, oittcoro niifiHIATMBIBII lia coriacea,
nervo medio supra val!• Imptwto, v.iis Ujvttec immersis, subtua, lit cagltf, promi-
nentibus; >*tj.lult I lin. longi; bacftft cera.stfnoni* liiyj. — Crescit in regno Nov.i
Gran,la lion [i'rocul ab uii e Sta. Fe itu Bojtota.
5. P. SELLOVII Ptanchan I. «. — PoHvlu 7 — [[confertts obtongls, baal valde obil-
quis, brvissinic JU•utiiniinLis, supra purc«, snhlaj dense publi-sri:[i!iliis; puttBOIM tef-
minalls T<l nxlilaril (uliu subbrevlotlj r;miis BftMiSi ObljQlboa i>>!<li'i':Di.sijue itlntso
pubescentibus. — Crutu it in lSr;sililit, in S<rrra tie Arurfp.
6. (. RAMTFLOBA PfenelMJD 1. c. — Follolla 9 — II mepltu aiternts oblongo-lanceo-
latls, b;isi cuin-;itis rcl ublittte itffcuuutis, apiije cuspidatls ;;l,tblrs nervosis; racomia
irtuctif(ir's) EolUuriis vel jjeiuin.--is amp'.cilms, C r.imis iufva folia ortis. — Crescit In
Brasilia.
7. l>. OAKDNEM Plwicheon 1. c. — Y>llolis 3—7 sup. • rdtembi ovatts \el obovatis,
abrupte et obtuse urunitnatis glaberrimis larpilla, rigi<• iitenilirdnacots; floribus (nt
oenils) tjabrlusmtis, in gl<•m<•rulos >•nns alterno et in lltkautc 8[>lcalo» collecta. —
Crescit in Brasilia prope Rio da J^ituro.
- B. P. LOMIJSNA Iulesne, Ann. sc. natur. (3. Ser.) Vfl. "23? — Folifs glabra
9 — ia-f. foliolla, peti tlo tereti, rolloUl lntn-iliim cijtuositis petiolalata ovato-lanceo-
lato- ilongb long« icuniiiiniis, ihMiniini; pbtvsm ractimo simplielasmo valide im-
ginaloque, sursum dedex i laviAuro gl.ihro; Cloribus solilnrils, pedicellis basi articu-
In" s rilvi i: niini>iL'<; l'MMIII ciliptiro etdTCUfl pQbente, tandem L';ibr;ttf>. [f — DLf-
feft ii P. ptMlatdro 8w. (cni plroplM f'lia <iuodammndo ainiToximatur, racomo multo
crassiore et longiofa slmptclsstoioqiR neo noo pedlellls Incmwal la rigidi i ct triplu
brevloribas, — i rescit juxta Ioyayma N° PM Gnumtu.
8. P. LATIFOLU luhimi. (c 38. ¶ — Bwda sUbntlsi foliia piiiu-is 3—4-j>^is win
Imp&rt, fpliciollssaepe & sociatis late ovatis -.<• orato-UmceolMtoie-obUtBgiM, bi evitat
liti'i, ne acanilatle obtnsatis, potlulnlq CTMSIH, potlolo tereti eraloato, racomo *lm-
(jluii tennlnkU erecto dens iflwo, rfuchl, pedicvllli caljceqa* mtoBt<pnb<ntl-blrtcHIij
fl>ri>uh Bolitwle, gt'iuii-viint letaaflnre tligti.tii, tj — Ci<actl id rlx<a iluiiutis Uio
SuCp in Nova Crainlu.
- IU_k i'. r ORALL'DILNDI'ON Tuliisne I. c. '259. -f.— Rnmts dense ad^ressoqac setic
|ju'j(-ulibus racenjigque loigissimiH sii>[ilicisBittlLS } fitliis 4—(5-jugis cum in
tlulo Eubtus ili ns' pubescntfl dilute (u)vo, sutmrne glaburrlmo petiolaliaque 1
culis, folioSis oji^osilib aUcrubjve yblongis, aiigu*te acuniiimtia acutis, basi hn-
caneatb, ice glabr ftiiiiis, postice it cost* mediii roasime promin^iti pnicserliia
falvo-pube Ci'jitibus i glofiterulli neeml mtuUs [Wtdftorisj Bore (fenuneo) d<ttnxo;
fructu glabro elliptico. y — Veniacule Jrtu/ de Coral. — Cteftit juxU Santa Fe
ie Bo rala &! loccn Saliu dictum.
11. Pi BHACILIS Talanne I. 6. MH ¶ — Ramulla teretlbiu grwiUbm pubciUl-liii tollis
fulv. foliis ,___T>jagla ereclis, foUolis BaepiiK allernis ovato- laticolatovtiublongis
louge acumiwtii, inar^uns et in nervo lucdi'j (ulusulis hirteilis, petloloque ct pott@-

lulis, racemis longissimis erectis lentis laxifloris, fructu modice hirtello — Crestit juxta Ampoyma Novae Granatae, nec non in montibus Quinduensibus ejusdem regionis ad locum la Trocha.

- 12 P. CONNAROIDES Tulasne 1 c 261. f — Ramis, petiolo petiolulisque tomentoso hirtellis, sordide fusca, foliis 11—13 foliolatis, foliis subcordato ovatis ovatis sive ovato ellipticove oblongis, obtuse breviterque acumatis, basi rotundato obtusis vel emarginatis supra, lobis, postice decoloribus et sparse fusco puberulis, lacinus longissimis arcuatis hirtello tomentosis fuscis cibeinroae glomerulifloris, glomerulis crassis confluentibus multifloris, calyce hirtello — An eadem sic *P. sphaerocarpa* Planchon? — Crescit in terra in juxta Ibagu Novo Granatensium.
- 13 P. MICHANTHA Tulasne 1 c 262. — Ramis teretibus gracilibus, novellis minutissime et adpressis puberulis aureo lutescentibus, cortice demum glabrato murescente, ligno denso duro luteo, foliis sparsis eiectis 7—9 foliolatis, 15—20 cm longis petiolo vix tereti esulcato subanguloso, mitio minutissime puberulo aereo virenti, tandem glaberrimo petiolulisque 3 mm longis subdepressis, foliis saepius alteris ovatis ovato lanceolatis longiuscule acumatis obtusis, basi rotundatis aut vix cuneatis, aequilatis integerimis, 4—10 cm longis, 15—25 mm latis, sparsim primura puberulis, mox utinque glaberrimis inticeque lucidis, nervo medio supra impresso, subter prominente, reliquis subimpressis, racemis (maseulis) terminalibus (saepe oppositifloris) simplicissimis gracilibus deorsum, 25 cm cunctis longis, interrupte breviter crebrius glabrae miferis, axillariter minute et adpressis puberulis (puberulis lutescentibus), bracteis bracteolis que minutissimis hirtellis lutescentibus congestis 1—2 mitibus minutis discretis vel 2—3 insimul confertis, basi, utinam 6—10 lineis, flore subloboso, pedicello admodum exiliter glabrato 2—3 mm longo inaequali, sepalis 5 ovato acutis, latitudine paulo inaequalibus, interstitiis nempe angustioribus, curvatis dorso aequato (sub lente) modice puberulis, antice glabris, margine supremo interdum paulo dentatis vel breviter mucronatis, basi breviter coalitis, petalis 5 fundo calycis usque divisus alteris et paulo longioribus, anguste linearibus levis glaberrimis, introrsum recurvatis, staminibus totidem ante petala sub disco insertis eaque paulo superantibus glabris, antheris ferebilibus minutis, receptaculo disciformi medio glabro quinquelobo, lobis truncatis sepala ferebilibus usque, ovum rudimento nullo — Flonibus minutis globosis subglabris baud aegre distinguuntur — Crescit in Jamaica
- 14 P. PENDULA Tulasne 1 c 262. — Ramis teretibus puberulis inaequaliter simpliciter dilatate luteola abunde vestitis, gemmis gemmatim superpositis nudis oblongis obtusis mollioribus tomentosis, infima abortiva, foliis alteris erectis 4—6 lineis cum impari, 15—20 cm longis, petiolo tereti hirtello puberulo fulvo sordido, petiolulisque brevibus, foliis ovatis ovato oblongis oblongisve acumatis acutiusculis, 4—6 cm longis, 12—20 mm latis, superne praeter nervum medium impressum puberulum glabratis, postice sparsis puberulis, puberulis fulvo aurea parca, racemis (maseulis) solitarie terminalibus & axillaribus simplicibus vel interdum basin versus pauciramosis et in paniculatis mutatis, ramis vero simplicibus, caeterum 20—34 cm longis et pendulis, axillariter ejusque ramis teretibus gracilibus adpressis tomentosis dilute cinereis glomerulifloris, glomerulis inaequaliter simpliciter distantibus paucis, in lamulis copiosioribus approximatim 1—6 floris, bracteis bracteolisque consimilibus brevibus linearibus acutis linearibus patentibus et basi recurvis, flore singulo pedicello brevissimo suffultum minuto, calycis deorsum anastati subconstricti extus linearibus 5 fidi divisuris ovato acutis apertis tenuibus aequalibus, petalis 5 fundo calycis insertis ejusdem divisuris alteris paulo longioribus, linearibus acutis angustissimis glabris, staminibus totidem, petals oppositis, cum ipsis insertis et subduplo longioribus glabris, antheris continuis globosis minutis, disco vix perspicuo quinquelobo, lobis obtusis brevibus sepalis oppositis, ovum rudimento coeuvato perexiguo hirtello vel nullo — A *P. pentundra* SW, cui super flonibus subsimilis est, ferebilibus distinguitur puberulis molli et topiosissima ramorum petiolorum racemorumque, forma multo angustiore foliorum eorumque paniculisque pendulis. — Crescit in provincia St. Pauli Brasiliae australis.

P *Apetalae*

13. P APETAIA Tulisnel c 2C4 f — Ramulls hirtello tomentos sordide fuscis, petiohsque teretibus, folus 8—10 jugis cum impari, foliolis oblongis icuminatis acutis, basi mixim obliquis cuneatis vel rotundatis, ambitu ciliato pubescentibus et praeter costam mediam utnque glabns, ricemis terminabus simpheissimis folio brevioribus, lurtllo tomentos at sordide auratis calyceque, corolla nulla, sUmntibus exsiccatts m_ens. — Crescit in vicinis optdl Ibague ad ripas Combaymae fluminis apud Novo Granatenses.

Sect. II. *Flonbus trimens.*

- 10 P ANTIDESMA Swrtz H Ind occid p 218 — Planchon 1 c. — Folus 7-9 saepe alterms ovato lanceolatis, basi ma_pis minusve acute obliquis acuminatis glabns vel puberuis, racemis spiciformibus terminabus vel ranssune infra folia ortis Ion gissimis

vir ff foholis glaberrimis lucidis subcoriaceis

{I glahrescem, foliolis subtus in veins pubescentibus membranaceis

P. Anttdeuna Sehchdt — *ticca macrostachya* Benth — Crescit yai cc in fruli cotis montium Jamaicae et Hispamolae, var. (3 in sjlvis re_oni Mexicam

- 17 P. CILUTV Mart in Floia WII. Beibl p 20 — Wlprs. 1 c (I 830 — Plinon I.e. — Ramuhs novellis, rachidibus fohoi um pamcuhsque pubcuti tomt ntosis, fo liolis ovato lanceolatts vel laneol itis, acununatis, basi mat qu ill rotundatis supra nitidis, subtus pubtscentibus, mar_sinc cihatis, flonbus mascuhs tiimuis ttiandris — Crescit in s>lvis Brasiliae prope Rio de Janeiro

- 18 P TEAPENSIS Tulasne 1. c 2b5 — Ram⁴«⁴tibus striitulis, imtio abunde po bentibus sordulis, tandem {,libratis, gemmis axillaribu». obovatis fuscis solitmis, folus pitentissimis 4—5 JU_sIS cum impari renioto 15 — 20^m lon_Bis pctiolo tereti exili ri_pidulo sordide pubuiti, foliolis oppositis dissoci itisVe[']f[']tis ov itove oblongis, impari subrhombco, oblique uiatquilatt ns icumimtis obtusis basi rotund itis vel (su |)Uioiibu't) cuneatis, petiolulo vi\ 2 mm lou_so pubente donitis integeⁿms, 4—6 cm et ulti i 1 on^{is}, ^ — 3 cm latis, pubr copiosi pilosa aureo fulva primum ve&titis 1 dem £,labiatis, veins postice pionunuiis diutius pubentibus, < osta media superru nn pressi, racemis (misculis) simpheissimis terminabus (quipropter plerumque oppositi folus) gracihbus deflectentibus, 10—15 cm lon_sis, quasi mterrupte densiflons, a\i exili ffieti pubente lutescente, biaeteis hnean acutis brevibus lurtelhs eito caducis, pulvinulis seu ^lomerulis l&tis stipatis minutissinus 1 — 4 Rons, flor< , pedicello teieti exili ineluso, 3 — 4 mm cueitcr longo, utroque {,labiriimo, sepahs tub us tenuibus ovito oblon_Dis acutis inte_ois glabenimis, vi\ basi coahis , petalis totidem ipsis al terms et vix longionbus receptaculo vtl imo ciljci sub disco inseitis oblongo Imea ribus acutis {,labus, stamimbus 3, petila, quibus opponuntui, paulo exc edentibus {,la bns, antheris globosis, receptaculo disciformi crassiusculo & lobo, lobis lotundato obtusis si pahs oppositis_v mucroue mimmo [^]bro ovaru locum tenente \) — Crescit juxta Teipa Novae Hispaniae

- 19 P ANDICOLA Tulisne 1 c. — Ramis teretibus laevibus glabratis pilhdis, novelhs pube laete fulvo aurea copiosa indutis, £emmisque obovatis, folus spaisis 7—9 folio latis 12—15 cm lon_Dis erectis, petiolo c*iacih* spaise pubenti, supi i deplimto deoi sum obtuso, fohohs dissociatis ovato oblon_sis seu oblon^{is} maime maequilateis et obliquis icuminatis obtusis, basi attenuato cuneatis , petiolulo brevi (vix 2 mm longo) donitis, 4—7 cm longis, 15—20 cm latis inte_oernmis, utnque at subtus imprimis idpresse sparsimque pubentibus, supra tindem glabratis, nervis postice prominulis, raemis (maseuhs) simpheissimis areuatim denussis, 15—2⁵ cm lon_Bis Njidulib terminihbus (ihquando oppositifolus), axi costulito minute pubente ciebei "me glomeruhfero, braeteis hneanbus brevibus cidueis, bracteohs vix i[^]nost endis, glomeruhs lureo fulvis multiflons (10—20 flons), flonbus (masculis) e\i_Duis pedicello vix calycis longitudine uinixis, in singulo glomeru'o dense congestis, sepahs 3 aequa

- libus ovato-acutis, extus hirtellis lutescentibus, intus glabris, vix basi connatis, petala totidem cum sepalis (paulo brevioribus) alternis, lineanbus acutis glabris, staminibus 3 ante petala insertis et ea exsertentibus glabris, antheris globosis continuis; disco trilobo vix perspetuo glabro, lobis rotundis, ovario rudimento vix ullo. — Crescit in montibus Novae Hispaniae ad 2500 ped. juxta Veia Cruz.
20. P. LINDEMANNI Tulasne 1. c. 266. — Ramis teretibus pubescentibus sordide cinereo lutescente vestitis, gemmisque axillaribus bunc superpositis, superiore obovata perulis destituta, inferiore abortiente, folis alternis 9—11 foliolatis erectis, petiolo tereti gracili esultato, 10—15 cm longo, simili ac rami modo pubescente, foliolis petiolulo tereti pubescente vix 2 mm longiore suffultis, alternis vel baten dissociatis, oblique ovatis ovato oblongis lanceolate ve, longe auguste obtusaque acuminatis, basi rotundatis tuncatisve integerrimis, 5—8 cm longis, 2—3 cm latis, supra piater costam imprebrim et puberulam glabris, posticeque, veins paulo subtus piominulis racemis (misculis) terminalibus (unde saepe oppositifolus) simplicibus longissimisque (40—55 cm) creberrime glomerulifens, axi tereti gracili flexuoso ascidivite adpresse pubescente uncreo lutescente, bracteis lineanbus angustissimis, 3 mm. circiter longis, pateuti eictis caehicis, biacteis vix distinctis, glomerulis approximatissimis multilobis (10—30 flor.) luteolis, pubescentibus hirtellis, totiusque congestis, pedicello tereti vix calyce longiore suffultis, sepalis tubus ovato acutis, extus aureo hirtellis, intus glabris, vix basi conniventibus, intus se aequilibris, petalis 3 latis alteis et subduplo longioribus linearibus acutis, utrunque lobum linearibus, receptaculo (imo calyci disco vestito) insertis, staminibus 3 ante petala 6 milliter insertis et subdimidio brevioribus, rudibus glabris, antheris bilobis subglobosis introrsum longitudinalibus, receptaculo angustissimo glabro obscuris glanduliferis, glandulis beu disci lobis staminibus alteris; ovario rudimento nullo aut vix ullo. — Arbor flouibus albis. — Crescit ad ripas fluminis Puyatapengo haud procul a Teapa Novae Hispaniae.

f *Species minus nolae.*

21. P. DONPLANDIANA Tulasne 1. c. — Ramis teretibus copiose hirtello pubescentibus et fulvo-lutescente sordide cinereis seu cinereo fuscis, folis alternis 5—8 jugis cum inferius paulo remoto, 16—24 cm. longis, petiolo tereti gracili sordide cinereo vel fulvo-lutescente, hirtello seu copiose pubescente petiolulisque teretibus 2 mm circiter longis foliolis ovatis oblongisve, impari lanceolato, cunctis eligenter acuminatis obtusis, basi magis minusve cuneatis et plerumque valde maculatissimis, 4—7 cm. longis, 25—35 mm. latis, utrinque sparsim adpresse piloso hirtellis (piis simplicibus cinereo-fulvis), tandem antice glabris, nervis subtus modice pilosis, racemis (foemineis) solitine terminalibus, 25 cm. circiter longis, gracilibus, glomerulis biacteis latis distinctis onustis, axi glomerulisque hirtello pubescentibus cinereo fuscis, fructibus subsolitaris in quolibet glomerulo, pedicello tereti niodice hirtello 5 mm circiter longo basi articulato suffultis, calycis etque nunquam inirescentis sepalis triangularibus acutis et hirtellis stipatis. — Crescit juxta Jalapam in Nova Hispania.
22. P. KUNTHII Tulasne 1. c. 207. — *Comocladia? Loxocoma?* H.B.Kth. — DC. Prodr II. 66.

XIV. PICRODENDRON *Planchon.*

(Planchon in Hook Lond Journ. of bot. V. 579)

Flores ignoti. Drupa subglobosa, carne tenui amarissima, nucleo duro, non solubili indehiscente, revera bilocularis, loculis dispermis, sed abortu unilocularis monosperma. Septum evolutione seminis ad parietem loculi dejectum. Semen ex apice loculi pendulum, irregulriter ovatum, antice profunde unisulcum, in femore bium, niropyle super era, umbilico contigua, integumentum membranaceum, rhaphe intra sulcum seminis antice excurrens, in Chamuzam hnearum nigridin, inter seminis lobos inferiores terminata. Albumen 0. Cotyledones plicatae conferruminatae. —

Arbor excelsa; foliis alternis exstipulatis trifoliolatis, petiolo longo, foliolis oblongis basi subaequali in petiolum longiusculum attenuatis obtusis mucronulatis, margine tenui revoluto, minutissime subcrenulatis, supra livide virentibus glabris, subtus glauco-lutescentibus, secus nervos puberulis, chartaccis, inter reticulum nervulorum translucens (nec tamen pellucide punctatis); pedunculis solitariis unifloris; fructu ceraso communi majore.

1. *P. ARBOREUM Planchon I. c. 580. — *Rims arboreum* DC. — Crescit in montibus Jamaicae.

Tribus IV. SPATRELIEAE Planchon 1. c. 580.

Stamina numero petalorum, filamentis intus squamula adnata bifida vel profunde bipartita auctis (in *Sp. glabrescente* nudis). Ovaria discreta vel in unum connata, loculis 1 — 5-ovulatis.

XV. (5979.) SPATHELIA *Lin.*

(DC. Prodr. II. 84. — Wlprs. Itepert. *I. 523. — Planchon in Hook. Lond. Journ. V. B80.)

Flores polygami. Calyx quinquepartitus, laciniis aestivatione valvatis vel subvalvatis, deinum patentibus. Petala quinque, calyce non multo longiora, aestivatione imbricata. *Masc.*: Stamina quinque, petalis alterna, filamentis complanato-subulatis, saepius intus ad basin squamula bifida adnata appendiculatis, nunc nullis. Ovarii rudimentum conicum, apice tridentulatum, gynophoro brevissimo insidens. *Ilcrmaphr.*: Stamina maris. Ovarium trigonum triloculare. Stylus brevis, apice trifidus, divisuris intus stigmatosis. Ovula in loculis trijue gemina, angulo interno sub apice affixa anatropa pendula. Drupa exsucca triquetra-alata trilocularis, putamine lapideo ab endocarpio non strobili, ovato acuminato, seta rigida pedunculato rotundo-trigono, angulis atque loculamentis appendice teretiuscula superne in mucrone prominente, interne autem canaliculata atque resina fluida a scatente stipatis. Semen in loculo singulo unicuique teretiusculum, utrinque acuminatum, facie leviter unisulcum, integumentum simplex, e fibris transversis, cocculi bombycini adinstar contextum, antice cum endocarpio longitudine tota concretum. Albumen crassiusculum carnosum album. Embryo longitudine seminis, cotyledonibus lineari-oblongis compressis tenuibus, radícula brevissima supera. — Arborea Antillanae monticola, procerae et speciosae: foliis alternis exstipulatis amplis, abrupte multijugis, rachis nuda vel intra foliola angustissime marginata, foliolis lineari-oblongis, basi obliquis, saepius falcatis, minutissime vel grosse crenatis, margine revoluto, minute glanduliferis impunctatis; paniculae terminalis vastae pyramidalis ramis extremis subcynosis, floribus non magnis, pallide vel vivide rubentibus, breviter pedicellatis, bracteis minutissimis lineari-subulatis.

1. SP. SIMPLEX Linn. Spec. pi. 386. — Bot. Regist. t. 670. — Planchon 1. c. 681. — Foliis magnis lineari-oblongis falcatis crenatis, subtus petioloque communi obtuso trilobato puberulis; filamentis stipitibus appendiculatis. — Crescit in montibus Jamaicae.
2. SP. GLAURESCENS Planchon 1. c. — Glaurescens: foliolis magnis lineari-oblongis falcatis, basi obtusis, minutissime crenulatis, petiolo communi angulato vel tereti; filamentis staminum exappendiculatis. — Folia 2—3 ped. longa, foliola saepius alterna, 2—3 poll. longa, 8—10 lin. lata, breviter petiolata, basi obtusa, apice in mucronem latum glandulosum producta, margine tenui, vix non revoluto, minute crenulato, glandulis resinosis, conspicue pellucidis, crenaturae singulae interjectis, nervi laterales venaeque utrinque tenues, pubes supra frondescentiam vix nulla, versus ramos paniculae extremos et pedicellos rara cinerascens-pulverulenta. — Crescit in montibus Jamaicae.

3. *SI\ VERNICOSA* Tulasne 1. c. — *Glaberrima vernicoso-ladda: foliolis parvis oblongo ellipticis, utrinque OMUMS crenato-serratis, petiulo tommuni angustissime alato, staminum filamentis appendiculatis.* — *Species pulchra distinctissima: folia 1—1% ped. longa, petiolo non crasso, supra sultato et inter fohola angustissime marginato, foliola 15—18 lin. longa, 4—5 hu lata, supra nitula avenia, subtus pallidiora, panicula va&ta subresinoso-vermcosa, flores laetissime rubn, lacinide calyunae valvatae.* — *Cresut in msula Cuba.*

XVL (5968.) *DICTYOLOJIA DC.*

- (DC. Prodr. II. 89. — *Wlprs Repert. I. 510.* — *Planchon in Hook. Lond. journ. V. 582.* — *Benjanuma Fl. Flum. Vol. II. tab. 139.*)

Flores abortu diclines (an polygami?). Calyx minutus quinquepartitus. Petala quinque anguste oblonga, basi lata, aestivatione marginibus leviter imbricata, apice acuto vel in appendicem linearem producto, introtiexa. *Muse:* Stamina quinque, petalis alterna. Filamenta subulata, intus ad basin squamula bifida adnata appendiculata. Ovarii rudimentum gynophoro brevi impositum. *Ilcimuphr.:* Stamina man's (in foemin. pollinis defectu imperfecta). Ovaria quinque, gynophoro brevi imposita, in sinu umbilicata distincta, stylis totidem supra basin in unum tonnatis. Stigma quinquelobum. Carpella ad anguluin in ternum 4—5-ovulata, ovulis quatuor superioribus collateraliter geminatis, funiculis longiusculis sustensis, infimo steiili minuto. Capsulae quinque distinctae compressae, introrsum bivalves, 3—4-spermaes. Semina late reniformia compressa. Integumentum dorso in alas duafit eleganter radiatim reticulatas expansum. Embryo intra laiuinanr albuminis tenuem arcuatus teretiusculus, radícula supera. — *Arbusculae Ainericae meridionalis tropicae: foliis alternis exstipulatis, alterne bipinnatis, pinnis secundariis propter rhachin primariam, foliolis propter pinas gradatim a basi versus apicem evolutis, foliolis saepius alternis, basi inaequalibus, margine revoluto subinterrimo, glandulis resinosis semipellucidis consperso^ paniculae terminalis? vastae ramis extremis cymosis, floribus inconspicuis, sicut folia et inflorescentia, magis minusve cinereo pubescentibus.*

1. *J. INCANESCENS DC. 1. c.* — *Planchon 1. c.* — *Foliolis oblongis, utrumque acuminatis integrlrnmis, supra glabris, subtus pube adpre&ssissima tenuissima plumbeo canLSCentibus, petalis in appeudicem lineaiem lon^u&culam productis_____D. Van dellianutn Ad. Juss.* — *Benjaimma alata? \1. I lum. II. t. 139.* — *Cresut in Brasiliae provincia Rio de Janeiro.*
2. *D. PERUVIANUM Planchon I.e.5S3.* — *fuholis numerosissimis parvis lineari oblongis mtegnis, supia obscure virentibus, puberulis, subtus canescentibus, rhaclu piimana subtereti, secundariib oppositis vel alteris, inter juga angu&te alatis, petalis breviter mucronulatis* — *Species distinctissima, folia circumscriptione elliptica, 1% ped. longa, pinnae 20 et ultra, inteimediae T2—15jugae, infeiores et supremae breviores depauperatae, foliola 8—12 lin. longa, 3—4 lata, rigide membranacea, paniculae termiimlis? ramis compresso teretibus divaricato oymosis, flores gnseo-sericei subse&siles.* *Ovana dense toineutosa.* — *Cresut in Peiuvia.*

XVII. (5952.) *tIRYCOMi W. Jack.*

- (DC. Prodr. II. 88. — *Wlprs. Repert. *I. 5G2.* — *Planthon in Hook. Lond. journ. V, 5S3.*)

Flores polygami. Calyx minutus cupuliformis quinquedentatus. P^c tala quinque oblonga, aestivatione indupicato-valvata, demum patentia, marginibus involuta. *Masc:* Stamina quinque, petalis alterna. Filament* utrinque ad basin ligulae lineari obovata appendiculata. Ligulae in alabastro staminibus exteriores. Ovaria abortiva. *Ucrmaphrod.:* Petala mascul., sed subdimidio minora. Stamina quinque. Ligulae filamenta utrinque stipantes minutae, quara in fl. uiasc. breviores et latiores. Ovaria quin-

que distincta sessilia approximata, intus sub apicc anguli intemi uniovulata. Styli quinque mox in unum apice quinquefidum concreti. Capsulae quinque breviter stipitatae ellipsoideae, utrinque obtusae, secus faciem nervo elevato carinatae, maturae dehiscentes. Semen pendulum arillatum exalbuminosum. — Arbores Burmannicae, Malaccenses et insularum Archipelagi Malayan! humiles: ramis crassis, cicatricibus foliorum inferne notatis, apice frondosis, foliis alternis exstipulatis, cum impari multijugis, foliolis subalternis, oblongo- vel anguste ellipticis, basi obliquis integerrimis; paniculae subterminalis vastae ramis strictis ramisque compressis, iloribus obscuris, evolutione diversa inaequilongae pedicellatis, masculis in eadem inflorescentia cum hermaphroditis intermixtis. Color plantae totius rufescens. Pubes in ramis et petiolis simplex brevissima tenuis rufa, in inflorescentia et floribus pilis apice glanduliferis intermixta. Sapor amarissimus. Vires febrifugae.

1. EC. LONGIFOLIA W. Jack. — DC. 1. c. — Planchon I. c. 584. — Petalis floris masculi 3 lin. longis filamentis sexus utriusque glabris vel ad basin intus sub lente valida parcissime pilosis. — Crescit in Sumatra et in insula Penang.
2. EU. MERGUENSIS Planchon I. c. — Petalis floris masculi vix 2 lin. longis; filamentis undique conspicue pilosis. — Praecedunt simillima et cum ea diu confusa, sed caractere indicato, panicula brevior, magis conferta, densissime glandulosa et floribus conspicue minoribus certe distincta. — Species utraque variat foliolis submembranaceis vel coriaceis, petiolo communi tereti, minute velutino vel subangulato et glabrato. — Crescit in provincia Mergui ^{z&gni} Burmanici.

Ordo LVD. OCHNACEAE DC.ⁱⁱ

(DC. Prodr. I. 735. — Wlprs. Repert. bot. syst. I. 525. II. 826. V. 399. — [^]fenc[^]o[^]n In, Hook. Lond. journ. of bot. V. 593. 644. VI. 1. sq.) *

Flores hermaphroditae, proportione quinaria. Folia calycina libera vel ima basi vix connata, aestivatione imbricata. Petala libera. Stamina 5—10 vel indefinita, gynophoro brevi inserta, non raro in flore expanso secunda. Antherae elongatae, cum filamentis apice articulatae, saepius transverse rugulosae, apicem versus poris vel rimulis duabus rarius in unam continentibus apertae. — Arbores vel frutices, (paucissimis exceptis) tropicales. Folia alterna rigida nitida, saepissime pulchre lineato-nervosa. Stipulae, perulae bracteaesque scariosae. Lignum durum, materia subresinosa adstringente scatens. Pedicelli supra basin vel medium articulati. Flores speciosi fere semper flavi.

Sect. I. LUXEMBURGIEAE Planchon I. c. V. 595.

Stamina indefinita vel rarissime subdefinita. Antherae sub anthesi secundae. Stigma sessile. Capsula magis minusve complete 6—5-locularis, valvis septicide disjunctis, secus margines introflexos intus seminiferis. Semina numerosa minuta anatropa, saepe compresso-alata. Embryo in axi albuminis parci carnosus rectus. — Arbores vel frutices Americae australis tropicae.

I. (5052.) LIXE[^]IDURGIA St. Hil.

(DC. Prodr. I. 350. — Wlprs. Repert. I. 22G. V. 61. — Planchon in Hook. Lond. journ. V. 595.)

, Calyx deciduus. Antherae subsessiles in massulam secundam saepius coadunatae lineari-tetragonae, apice summo biporosae. Ovarium

trigolm incomplete trilociare. Semina compresso-alata. — Frutices Brasilienses glaberrimi: rimis iifmie denndatis, in amulis fastigiatis. Fe- l'm conferta polchre Uicato-nervosa, serratnris incurso-adpressois spha- oslato-mitronulatia vel setiferis ornata, Racomi bimplice, sub anth<ci terinitiates, fructiferi • lares.

•1. I. i II.lus \ Qardn, — Wlpx. I. e. V. 91. no. 1. — Crctt in caaipis di^rftta* Aduaanlium et io SIOQ bus Orzaneulibus alt. 400 t-KK> ped.

2. - L. SPIGIOS. I Bt Htl. — Wljrs. I. c. <... 1, _ Ctaeli in monlihuK |trops Malho- yerJe 5 l«uc. a lico Tejuco A laiutuioj, ah. eirc. mKJ [t,d. r(i,r<>[^ Itambo ptoy, Min i^ 'ii*:>'>

•3. L. COBTHBOSA Si. Bit. — Wlpu. I. e. no. 2. — Crftcit in ju gle affectibus niurium S«rn da Cw*{« »!'• elre. MHU p<4t.

I, I. USCH STIFOLU Phaehoff U C 3iKi. — Folll* angosfls, ba.; I nge attenuat> i_a petiolam liroiwnm deevrrentibaa, breviter mucronatis; stipulis confertis subulatis, l.in. in le filamentosis; raceftto (ft<iriferu) t.rniinali, folilg lc*ngUn e, confertis •; ulti- (im, urticulo superiore; »*dceili Infri ore quadruplo longiore; folis calycinis inte- gerrimis; antheris numerosis in massam oratam satice non concavam coadunatis. h

— Frutex Magnolia. Tamarinetis pectinis internis acutulis, stipulis semi-vestratis lenticulisque magna punctiformibus albis exasperati. Folia ad apices ramulorum valde conferta erecto-imbricata, 2½ poll. longa, vix 2½ — 3 lin. lata. to* hi< in- tegra et vitta 1—2 lon<iu«<l«< utrinfjo. sarta, apice mucron<tjaf, mArginiltus J.Ul>, serratirri* >ctis, incurso-adpresso CTI Inter sub apice grand>Ms. IUccal B< ariferi vix 2½ poll. longi, pedicellis (soltum in<ceditibus) ultrapollicaribus, articulis (pedi- cellarum) superioribus, sub fructu, vixis apicem intraxatis deciduis, lenticulosis, serris nōn racomi hunc alatem, dila peralenticibus. Bracteolae ad pedicelli articulu- tintum 2, oppositae a :i;igllftB. Flores majusculi. Folia calycina obtusataque enervia Integi-rrimii. Stamfu^ masculis orata, seriebus staminum concentricis ex ambitu ad centrum in annum arcum elevata. Ovarium masculae staminum subaequale. —

Crescit in fructibus conv lium ili<itri<tu8 Ad>niatituiii provincine Slitia- Gerafa.

45. L. POLYAN!>!;y St. nn. — m.: I. L. to, 2. — Wl, is, I. c. I. ? 25, no. 4. — Crescit in parte pfoy, ^linai Gerafis, quar (licitur Miiun imvu.

*6. L. OCTAVDUV SL UU. — DC, i. c. no. (. — Wljrs. I. t. uo, 4, — Plcta r sara fluribusq> Slart, et iuccir. — L'escit in ptOV. Min»» UtituZa.

II. (5427.) «O«O%^rA 7/2. et Pan.

(DC. Proilr. 1, 558, — WI^ri. Bepert f. II 5. [excl. >p.] — Pknchon in lloob. Lond- joura. V. mi.)

Calyx pentaplylliiB, foliolis scariosu-s'jiianiaceis, intua serieffl fimbrillanini luveutibus caducis, Petala tjiiinjuc obovata, aestivations fjutnuinciali Cdnvoliito-imbricata. Stamina 10—20 fertilia, aiitheria cte- ganter incurvis, sub antlicsi unilateraliUr liejectis lineari-tetrayonifl, npice porifl > ininutw, pollen fundeiUilriis, lacvibas sen u ansvers • riifju- losii. Ovarium supra stipitem brevissimum paulo dellexmn Lineari-ob- loiiigum, apice subiicurvo rostratuni quinqueloculare, plaentis axilibu* pluriovulutis. Stigma sessile niitutum obsoletissiiue quiiKjuolobulatinii' Cap»ula quinquelocularid, valvis dcmitm septicidu di>juticti>. e fibrif⁸ columellae in lila lOsolui<ae pendendbu< navicularibus, auticc hiantib< > parte dorsali angtista, niarginibws introflexis hiautibtis in Ion gum on<sup> plicatis, intiis scniiniferis. Seminu creborrima minuta compresso- bulata. Kiil>ryo . . . i — Arbores Pcruvianae et Novo-Granuton sylvicolae procerac puflicrtmao. Rami et inHorscentia, bractcan<sup> perularumtjue lapsu pr&eoocl, annulato-cicatrissati, lenticellis discoloril paactifornublu crebro conspersi. Folia mine himjilicin obovato-obli<sup> subsessilia, basi aequali ctmeata, integerrima, crtottruin grosse sernU> nunc imparipinnata, foltolU brevissime petiolulatta, a baai obtusa sub-

inaequali ad apicem usque serratis. Raromi terminales et axillares saepius in paniculam vastam digesti, pedicelli flore breviores, basi articulata caduci \cl tenaciter persistentes. Flores speciosi, calyce gemmiformi caduco, petalis recentibus forsan candidis, siccitate carneis vel flavescantibus.

Subgen. I. *EUGODOVA* Planchon I. c. 598.

Stamina decera, antherae laeves, folia simplicia (rectius unifoliolata?).

1. G. OBOVATA RA ot Pav. — DC. I. c. no. 2. — Planchon I. c. — Folus obovatis, racemis pedicellisque ante anthesin ebracteatis, capsula cylindrica, basi obtusa, subsessili. \) — Crescit in nemoribus Messapata, Macora, Cuthero, es Iscurum.
2. G. ANTIOQUIENSIS Planchon I. c. — Folus obovatis, racemis terminalibus subsimpliatis, pedicellis sub anthesi bracteatis (bracteis tamen deciduis), capsula lineari oblonga, utrinque attenuata. \) — Priori bimillima, folia tamen majora 4—4 poll, longa dimidium lata, beiratus plane adpressis spatulatis murruntis. Flores expansi diametro raris inter bipollican, petala obovata membranacea, siccitate flavescantia. — triscit in summis montibus provinciae Antioquiae regni No\o Granatensis.

Subgen. II. *JIUTIDANTIERA* Planchon I. c. 599.

Stamina 18—20, antherae transverse rugulosae, folia imparipinnata.

3. G. SPLENDIDA Planchon I. c. 599. t. 19. 20. — Folus cum impari quadrijugis, foliis ovato ellipticis basi obtusis serratis; panicula terminali floribus, sub anthesi ebracteata, capsula ovato oblonga acuminata. ^ - ^r^ami crassi, cortice geseo fusco ruguloso, lenticellis crebris exasperato >c&titi. Folia ped. longa, petiolus communis gracilis subtenuis, in longum tenuiter striatus, pappi breves in communem vix decurrentes. Folia impari quadrijuga, laeviora regulanter opposita, parvis inter se et cum foliolo ternariis inaequaliter basi < onfluentia. Limbus 4—4 poll longus, 2 poll, latus, folium *Caitanae vetcae* aliquomodo referens, texturata, fiant, facie supera minus laeviora quam infra foliorum *G. obovatae*, inter nervos non prominentes vix conspicuae venulae, infra palidiora nervis elevatis venisque intertextis percursa, serratus adpressis, intus sphacelato mucronulatis. Stipulae in specimine florido desideratae. Pappus folio supremo parum brevior, basi simpliciter nuda, ramis epidermide munda vestitis, citissime ebracteatis. Sepala exteriora late obovata subtruncata marginata, flabellatim striata venosa, interiora longiora et subacuta. Flores expansi diametro raris inter bipollican. Antherae eleganter incurvae transverse rugulosae. Capsula matura vix 1 poll, longa. — CILSML in *v\is No\ae Oranatae prope pagum La Cruz prov. Monpax.

III. *nLATIANTIERA* Planchon.

(Planchon in Book. Lond. Journ. of bot. V. 644.)

Calyx gemmiformis pentaphyllus, bracteis quinque adpresse imbricatis, sepalis conformibus cinctus deciduus. Petala quinque angusta, aestivatione imbricato-convoluta. Staminodia circiter 20, btaminibus exteriora uniseriata, inter se libera et aequidistantia subulata. Stamina decem sub anthesi unilateraliter dejecta, antheris subsessilibus linearibus, apice in rostrum poris duobus subposticis apertum attenuatis. Ovarium brevissime stipitatum, respectu foliis paulo excentricum, fusiforme, apice rostratum, 6—5-loculare, loculis ad angulum internum pluriovulatis. Stigma sessile obsoletum — Arbor Amazonica. Folia alterna oblonga, basi cuneata, in petiolum attenuata, apice rostrata vel saepius retusa, margine integerrimo revoluta glaberrima nitida

frn^ilia, nervo medio angusto utrinque acute prominulo, secundariis veniforiibus tenuissimis, angulo fere recto patentibus, inter se parallelis, rectis creberrimis, arcola insertionis petioli verticaliter oblonga, epidermide in marginem erosum quasi erupta circumvallata. Stipulae supra folii iusrtionem ramo insertae dentiformes cartilagineae deciduae. Rarum mi pauci supraaxillares vel terminales, e gemma squamosa decidua orti, hinc inde fasciculis florum bractea breviter stipatis ornati; pedicellis alabastro gemmiformi oblongo acuto parvis brevioribus. Flores aperti eos *Gomphiac* referentes, ovarium legumen junius *Swartziucarum* plane simulans.

*1. HL. GEMMIFOLIUM Planchon I. c. 645. — *Codoya gemmifolia* (Lor a Mart, et Zucc. — Wlprs. Keprt I. 375. no. 1. — Crescit ad ripas inundatas lacus Tefte prope villam Egga, provinciae Itio Negro in Llasilia.

IV. CESPEDESIA Goud.

(Uoud. Ann. sr. nut. [3 Ser.] II. 369. — Planchon in Hook. Lond. Journ. V. 645.)

Calyx minutus pentaphyllus, foliolis liberis vel ima basi connatis, aestivatione magis minusve quincunciatim imbricatis deciduis (an semper?). Petala quinque obovata, calyce multo longiora, aestivatione convoluta caduca. Stamina indefinita (-IO—GO), obscure triseriata, in alabastro ovario aequaliter circumadpressa, sub anthesi unilateraliter dejecta, filamentis brevibus, apice incrassatis, antheris lineari tetragonis, sub apice rinulis duabus subpositae apertis. Ovarium lineari-oblongum, utrinque attenuatum quinque loculariter, axi centrali medio, loculis ad angulum internum multiovulatis. Ovula minutissima pluriseriatim imbricata ascendente. Stigma disciforme subintegrum. Capsula attenuata septivulva (juiquevalvis, valvis basi et apice concretis, medio disjunctis cylindricis), marginibus introtextis a cordis seminiferis solutis. Semina linearia tenuissima scobiformia, testa pellucida in vaginam subtyiformem producta, in medio granulum cylindricum breve fovente, baphe granulo paulo longiore funiformi solubili, tegmine fragili crasso. Embryo rectus linearis granulo conformis et aequilongus, in axi perispermii albuminosi reconditus, radícula hilo proxima, plumula inconspicua. — Arborescens Novo-Granatensis et Peruviana proceras spectabiles. Kami fastigiati ramulique succum gummi-resinosum exsudantes. Squamae versus apicem ramulorum foliis subinordinatim commixtae et inflorescentiae basin fulcrantes, singulae intus ad basin seriem filamentorum dliiformium foventes, perularum vel stipularum vicem usurpantes. Folia simplicia obovato-oblonga obtusa, basi in petiolum planum gradatim attenuata, remote crenato-serrata coriacea nitida, nervo medio valido, supra acute, subtus obtuse prominente, secundariis paucis patentibus subarruatis, ad sinum crenae cujusque productis, supra acute prominulis, subtus applanatis vel immersis, venulis tenuibus flexuoso-subparallelis, utrinque impressis, respectu nervorum lateralium transversis. Paniculae magnae terminalis rami floridi ebracteati. Flores speciosi flavi.

1. C. BONPLANDI Goudot I. c. — Planchon I. c. 646. — Foliis obovato-oblongis laciniis calycinis ad basin liberis. — Crescit in aridibus Novae Granatensis ad Ciryaima et circa Chamha, secus declivitatem orientalem Andium (Cordillera central de la Nueva Granada) et in temperatis prope Mariquita altitud. 8000 metr.
2. C. SPATHULATA Planchon I. c. 647. — Foliis ovato-oblongis laciniis calycinis infra medium in cupulam extus quincunciatim concretis. X) — *Godoya spathulata* (Lam.) DC. et Pav. Syst. 102. Fl. Peruv. V. t. 359. — DC. Prodr. 538. no. 1. — Creditur nemuribus ad Chinca et Cuchuro, Peruviae inferioris.

Sect. II. *EUT HB MIDKAE* Planchon l. c. V. 647.

sunina quinque, filamenti teritibm totulem iitercrifum iaterjot
 Antherae laeves Subsessitea rriustratue, |>iris daobtll apieallbai in mumi
 confluentibus tptetae. Ovarii locnli qunqtrt ad anyulmn iaternnm bio
 vulati. Ovula susjueusa. Uacca pontapyrena, pvrantj Boasperorf.
 Semina iivfisa aJbusinosa. — Prutices Malayani [lulclierimi. Folia
 alterna in peliotam marginattm semiacnplexicaileni angostata, t:artila»inco
 serrata rigida nitida, insi^iiler liieato-ni'rvosa. Stipota« ink-ru'is sca
 rhnae oihatao cadocae. Racemi subs imp lives tenniimlcs, demum rani
 evol • Cune op)osititoli.

V. (5961.) *KITHITIIS* IV. *Jmk.*

(W. Jack la B*ok, Bui. Misc. II. Of. — Wlj.rs. Repot. I. 33L • V. "W)

- I. 1 U. LEUCOCARP. v W. J*ek—Wipes. I. c. I. 5». no. I. — Book. tco« t. 711. —
 Cressell In Inauls Sin^njiorr et In mnnr Ojihlr pentfaalM Mch
 •2. EU. tFINOH W, Jack. — Wtpn. I. e. no. 2. — Crwdl in Inauls Singapore et
 Pew ng-Wall.

Sect. L. IH. i 70 MP. ilLEAE Plauchon I. c V. 6-iH.

Staminn K—10 \-l jilurn. Ovaruim 6—10-loculare, localin nnlovn
 liilis, nr<-,i stylani simjilicein <<iitr<ilt>ni basilarefli, in baccaa tli
 tamentlbiu, ovalij lime Bemibusque c tutsi loculi ftcendentibns, vel
 rarins loculis 2—4 culumclUie eroluiae circutu adnatiB, pannn miniidis,
 stylo terminali, ovili ascendeUBus VL'l »ubliorizontalit> respinatis.
 Semina exalbuminosa.

VI. (5907.) *EA \s\ \ !>**.

(DC. Prodi. I. TIS. - Wlj»K. K<+i>rl. *i. 523. — Planchon in Hook. Lond. j.urn. V. 643.)

1. *EUELYA* ill. IMancli. n l. c.

Petalla ijjiatuor, stamina oclo, oviirii loculi ijnali or gi>ln)so pronii
 nuli, erola <• basi tngaU lateral asceou leittia.

M. ii. (Al.oi'UYILKA DL. I. g. - - PkndHM U c. — Cie»«U It. Brasilia et Surinam.)

"2. *HOSTMANNA* Planolion in Hook. Ic pL L '09.

(Wlj.rs. Repot. °V. 400.)

Calyv S—4-jihyllus. Tetjila 4—ti. Btaquoa 18—20. Ovarium
 compressum bilocolare. Ovula vubborizoiUiUter reaupioaU>defl<xn.

2. E. fli>STMANMV J'UnHi-n in Book, lnn-l. jattfl - V. 644. — *Hostmannia densi-*
*rfe** Planch. - - WtpTS. I. c. - - Cressell ad Surinam.

VII. (59;9.) (*KIIVt* *Silvob.*

(DC. ITodr. I. Tfc.— Wlpn, It.j.rrt. I. 907. It Mfl. V. WKl —i>Ianchon In Book, Lond.
 Journ. v. 645.)

* *Squarrosa* Pltinchoii I. c.

Flures racemoso-corymljo^i, antherae liDcares, riiuulis ml rorsis de
 hi • elites, stylus apicc sttbiodiviaoa. tSptt-iea Aaiaticao <st V'ri*:ao o<xi
 <leitt;ili. (M'j.iine.)

I. U. LI i !M Lamk. — DC. I. c. no. 2. — Folia oblongis, argute serrulatis; rachis
 magis corymbosa; petalis 2-3 rim 7-% obovatis • Bblongl
 Kntfarria f«« quadruplet bretlorthiwi calyche irncltf.-n Inauls erecto coniventi-
 bus, D_____ (j. ubtuutti MC 1. < M. I. — O. '• •/••.i !. ab. Corom. 4. 89. — Cressell
 in lii.l. de orientalis provinciis ^•tralil us, et in provinciis Pto''', SUII t.

2. O. Wai.LirilH Planchon l. c. 6'. — Folia (li • fteclMtnr fluri.L.....i (lii e evalata)

- oblongo ellipticis, subtilissimis serrulatis, corymbi pauciflori pedicellis elongatis, Nonbus speciosis, petalis 5 calyce longioribus obovatis, in unguem brevem angustatis, filamentis sub anthesi antheris sublongioribus, calyce fructifero reflexo? — Mores expansi diametro plus quam pollicem. Antheric urciter 2% 1m. longae. — *O. mhju* Wall. Cat. 2804 — Crescit in India orientali prov. Amlierst.
- 3 O. ISITIDA Thunb. — Ann. Mus. XVII. 412 t. 12. — Planchon 1. c. — Ramuli patentes, non crassi, folia oblonga, utrinque acuta, argute serrulata nitida, textura tenui sed rigidula, inflorescentiae ramulos inferiores breves denudatos terminantes, nunc racemi breves subsimplices (ut in icone Candolleana), saepius thyrsi contracti, ramis confertim repetito distans. Pedicellium articuli inferiores abbreviati, superiores graciles, floris parvis subtriplo longiores, petala quinque angusta, calyce sublongiori, filamenta antheris breviora, calycis fructiferi lacunae erecto conniventes, baccae oblongae subcurvatae parvae nitidae. — in India orientali et in Ceylon.
- *4 O. MULIFLORA DC. Prodr. I. 735. no. 4. — Planchon 1. c. 631. — Crescit in montibus Sierra Leona Africae occidentalis.

** *Brevipedes* Planchon 1. c. 651.

Flores fasciculati breviter pedicellati, gemmae squamis dense involu-
cratae, antherae et stylus praecedentium. Species Indiae et Madagascarienses.

- *5 O. CILIATA DC. 1. c. no. 5. — Planchon 1. c. — Crescit in insula Madagascar.
- 6 O. BREVIPES Planchon 1. c. 052. — Ramis floribus denudatis, fasciculis 3—5 floribus subumbelliformibus, ad apices ramulorum congestis, binis e gemma squamosa ortis; pedicellis flore subbrevioribus, petalis 5 late obovatis, in unguem abrupte angustatis calyce vix longioribus, filamentis sub anthesi antheris paululum brevioribus. — Pedicelli subumbellati, vix lineas longi, flores quam 0. *lucidae* majores, expansi diametro 8 lm. Antherae 2 hn. longae. — Crescit in India orientali.

* * * *Pauciflorae* Planchon 1. c. 652.

Pedicelli subsolitarii vel ternati, elongati florentes, basi nudati, antherae rimulis brevibus versus apicem apertae, stylus subindivisus. Species Indiae intra- et extratropicae, Arabiae tropicae et Africae extratropicae.

- 7 O. PUMILA Hamilt. ex DC. 1. c. 736. no. 8. — Planchon 1. c. — Suffrutex glaberrimus: ramis teretibus, basi bipulvis persistentibus squamatis, folis breviter petiolatis ovato-lanceolatis, tenuiter serratis, stipulis intrapetiolaribus, apice pleiumque bifidis (duabus lateralibus connexis), pedunculis axillaribus folium aequantibus ternis; pedicellis basi bracteatis, infra medium articulatis, sepalis quinque late ovatis, petalis quinque rotundis integerrimis aureis, filamentis antheris subtetragonis brevioribus stylo indiviso staminibus longiore, stamine capitato — *O. nana* Hamilt. — *O. humilis* Wall. — *O. collina* Edgew. Transact. of the Linn. soc. XX 43. — Crescit in collibus glareosis sub-Sivalensibus, sub *Shorea robusta*, prope Sakranda, Sabit rumpoor, et prope Gorukpore.
- *8 O. STIPULACEA Colebr. in Wall. Cat. no. 2808. — Species indescripta. — Crescit in India orientali.
- *9 O. HEYNEANA Wight. et Arn. Wlprs. Repert. I. 528. no. 6. — Crescit in peninsula Indiae orientalis.
- *10 O. WIGHTIANA Wall. — Wlprs. 1. c. no. 5. et V. 400. — Crescit in peninsula Indiae orientalis.
- 11 O. WALKERH Planchon 1. r. 653. — Glaberrima: folis parvis elliptico-oblongis brevissime petiolatis, utrinque obtusiusculis, tenuiter serrulatis nitidis, supra utrinque nitidibus, subtus pallidioribus, nervis secundariis tenuissimis venisque sub lente primariis minutis, stipulis brevibus, e basi lata subulatis caducis, pedicellis infra folia e geminis propna ortis umfloris, supra basin articulatis et umbracteatis, folio brevioribus?

stylo aplice brevuer quinquedlvso; calyce sub gynophoro accreto nigrescente, pulchre rubente. *t*) — Frutex creberrime ramulosus, rami teretes subtortuosi grisei ramulique abbreviati, luferne denuditi; folia ad apicem ramulorum pauca (3—5) approximata patentia, 12—15 lin. longa, 6 — 8 lin. lata, basi interdum subangustata, textura tenui sed rigidula, petioli vix unam lineam longi, supra sulcati; stipulae vix semi-intraaxillaribus, bractea pedicelli e basi latiuscula subulata, marginibus involuta, vix 1—1% lin. longa i filamenta more generis sub gynophoro accreto persistencia filiformia, 2 lin. longa; calyx fructifer eum *O. atropurpureae* referens. — Crescit in insula Ceylon.

- 12. *O. PARVIFOLIA* Vahl. — DC. I. c. 736. no. 11. — Crescit in Arabia felici.
- 13. *O. ATROPURPUREA* DC. I. c. no. 10. — *Diporidium serrulatum* Hochst. (Frutex 2—S-pedalis). — Wlprs. I. c. V. 400. no. 1. — Crescit in parte orientali coloniae Capensis.
- *14. *O. ARBOREA* Burch. — DC. I. c. no. 9. — *Tetracera lutea* Spr. ex Cham, et Schl. Linnaea VIII. 177. — Crescit in sylvis primaevae coloniae Capensis.
- 15. *O. NATALITIA* Meisn. — Wlprs. I. c. II. 82(3. no. 1. — Crescit ad sylvarum margines prope portum Natalem.
- 16. *O. DELAGOËNSIS* Wlprs. I. c. I. 528. no. 2. — Frutex pedalis. — Crescit in colonia Capensi ad Delagoa bay.

*** *Fissistylae* Planchon I. c. 655.

Flores racemosi, antherae rimulis versus apicem dehiscentes; stylus profunde partitus. Species Mauritaniae, Madagascarienses et Africae australis subtropicae.

- *17. *O. PULCHRA* Hook. — Wlprs. I. c. II. 82{Lno, 2. — Crescit extra fines coloniae Capensis ad Mukulisberg.
- *18. *O. MADAGASCAKIENSIS* DC. I. c. 735. no. 6. — Crescit in insula Madagascar.
- 19. *O. MAURITIANA* Lamk. — DC. I. c. no. 7. — Crescit in insula Mauritii.

*•••• *Spirantherae* Planchon I. c. 656.

Flores racemosi, antherae post anthesin subtortiles, loculis longitudine tota dehiscentibus, stylus subdivisus. Species Africae occidentalis tropicae.

- 20. *O. DUBIA* Guill. et Perrot. — Wlprs. I. c. I. 527. no. 1. — Crescit in Senegambia ad ripas fluminis Cassamanciae prope Iton, etiam in regno Oware vel regno Benin.

VIII. (5958.) *GOITIPHIA* Schreb.

(DC. Prodr. I. 736. — Wlprs. Repert I. 526. V. 39J). — Planchon in Hook. Lond. Journ. VI. 1.)

Sect. I. *GOMPHIASTRUM* Planchon I. c. 2.

Stipulae intraaxillares in unam magis minusve profunde fissam concretae. Species Gerontogaeae.

- 1. *G. SUMATRANA* W. Jack. — Wlprs. I. c. I. 526. no. 1. et V. 309. no. 1. — *Euthemis elegantUaima* (?) Wall. — Crescit in insula Sumatra, in Singapore et insulis adjacentibus.
- *2. *G. GLARERRIMA* Pal. Beauv. — DC. I. c. 737. no. 21. — Crescit in regno Oware et ad Sierra Leone.
- *3. *G. RETICULATA* Pal. Beauv. — DC. I. c. no. 17. — Crescit in regno Oware et ad Sierra Leone.
- 4. *G. TURNERAE* J. D. Hook. mss. — Species indescripta. — Crescit in Sierra Leone.
- *5. *G. MULTIFLORA* DC. Ann. Mus. XVII. t. 3. (nee Pohl.) — Crescit in insula Madagascar.

- *C. G. VOGELII J. D. Hook. mss. — Species indscripta. — Crescit in ora Africa, tropicae occidentalis.
- *7. G. MACROCARPA J. D. Hook, mss. — Species indscripta. — Crescit in ora Africae tropicae occidentalis.
- *8. G. CALOPUYLLA J. D. Hook. mss. — Species indscripta. — Crescit ad Sierra Leone.
- *9. G. AFFINIS J. D. Hook. mss. — Species indscripta. — Crescit ad Sierra Leone.
- *10. G. DEPENDENS DC. 1. c. 736. no. 2. — Crescit in insua Madagascar.
- *11. G. ANGULATA DC. I. c. no. 3. — Crescit in insua Madagascar.
- *12. G. OBTUSIFOLIA DC. 1. c. no. 4. — *G. laevigata* Valil. — Crescit' In insua Madagascar.
- *13. G. ANGUSTI FOLIA Vahl. — DC. 1. c. no. 7. — *G. Zeylanica* et *G. Matabarica* DC. 1. c. no. 1. et no. 6. — Crescit in peninsula Indiae orientalis, in Zcylania, In provincia Ralangas insulae Luzoniae Philippinarum.
14. G. (?) HOOKERI Planchon 1. c. 3. — Glaberrima: foliis oblongis, apice acumlnatis vel interdum obtusatis, in petiolum abrupte angustatis integerrimis coriaceis nitidis, nervis secundariis veniformibus tenuissimis arcuato-ascendentibus, inferioribus folii margini et sibi subparallelis; pedicellis ad apices ramulorum basi conglobato-fasciculatis, articulis (pedicellorum) inferioribus persistentibus brevissimis, superioribus vix 1 poll. longis; calycibus sub gynobasi semiglobosa reflexis rubentibus. D) — Ramus unicus adest, hinc inde ramulos breves parce foliatos tsuhdistiche exserens. Folia 2%—3 poll, longa, 1% poll, lata, petiolus saepe subtortus crassus, 2—3 lin. longus, linbi decurrentia anguste marginatus; giomeruli florum ramulos terminantes, folio supremo proximi, verosimiliter 15—20-flori, in specimine deflorato pedicellum unicui fructiferum et bases aliorum induratas in nodulum conglobatas exhibente. — Crescit in insua Penang prope peninsulam Malaccensem.

Sect. II. EUGOMPHIA Planchon. I. c. 4.

Stipulae laterales liberae. Species Americae.

13. G. LAURIFOLIA Swrtz (non DC.) Fl. Ind. occ. II. 741. — Planchon 1. c. 4. — Foliis oblongis integerrimis nitidis, adultis facie superiore virentibus, nervis tenuibus albidis, supra prominulis; paniculae terminalis brevis coittractae multiflorae pedicellis fasciculatocongestis longis; floribus parvis, antheris apice truncatis sul>sessiⁱ in'clusis. \) — Crescit in sylvis Jamaicae interioris.
14. G. CANDOLLEI Planchon 1. c. — Foliis oblongis cuspidatis integris vel subtilissime denticulatis, exsiccatione fusciscentibus, supra subaveniis; paniculae terminalis ramis patentibus; pedicellis 2—3-natis, (lore vix duplo longioribus; antheris (ex icon*?) sessilibus, apice attenuatis. \)—*G. nitida* DC. Ann. Mus. XVII. 419. (nee Swrtz.) — Crescit in Cayenna.
17. G. GRANDIFOLIA Planchon 1. c. — Glaberrima: foliis magnis, anguste oblongis, abrupte acuminatis, basi complicata rotundatis, niargine tenui adpre.sse revoluto subtili^{*er} serrulatis nitidis chartaceis, uervo medio complanato lato, secundariis crebris venuli^{*s} que tenuissimis, petiolo crasso; stipulis deciduis; paniculae terminalis abbreviatae con^{*} fertiflorae ramis divaricatis; floribus parvis; petalis angustis, calyce vix longio^h antheris sublaevibus nbbreviatis; baccis oblongis, gynobasi obovoidea longioribus. \)~ Rami crassi subflexuosi; folia regulariter distiche patentia, 8—10 poll, longa, 2% P^ol^l lata, petiolus 2—3. lin. longus, subtus in basin costae mediae tumens, supra sulcat^{is} Stipulae folii supremi breves semiovatae apiculatae; paucua contracta subsessil^l foliis dimidio brevior; bracteae subulatae breves persistentes; baccae olivaeform^{es} nigrae. — Crescit prope Rio de Janeiro ad locum dictum Imbuhy.
- *18. G. SUAVEOLENS St. Hil. — Wlprs. 1. c. I. 520. no. 0. — Crescit prope ~~vicina~~ Tapanhocanga in montibus dictis Serra do Caminho da Tapeira.
- *19. G. MULTIFLORA Pohl. — Wlprs. I. c. 527. no. 21. — Crescit inter frutices ad Bⁱ S. Ivao capitaniae Rio de Janeiro.

20. G. MIERSH Planchon 1. c. 5. — *Glibernma** folia lanceolatis, utrinque acuminatis, apicem versus obsolete sen-ulatis, ticturum inter gemmis tenuibus rigidulis, utrinque pulchre elevato vtrulobis, stipule bracteisque e basi lata cuspidatis acutissimis persistentibus, lacinus tenuibus solitaris vel lanis geminatis brevibus, pedicellis gracilibus patentibus, floribus majusculi petalis angustis, antheris laevibus calyce subaequilibus. f) — 1 folia mijoria $2\frac{1}{2}$ poll, longa, 1% poll, lata, petiolus brevis mcrassitibus rubescens, nervus primarius utrinque promulus, secundarius arcuato-ascendentes, saepius ciebustuli, interdum pauciores, venulae crebrae hinc inde pinnato-ramulosae, stipulae versus apicem lamulorum tonfeitae scanosae fuscae, striatae, apice acutissimo lecuivae, petiolo 3—4 plo longiores, spica simplex vel bipollicans, bracteis subulatae patentibus, vix 1% lin. longae, pedicellis bracteis quintuplo longiores, supernis bibracteolatis, gynobasis fructifera cindraco pynfoimis recta, vel 5 lin longi, haccae 2—3 olivaeformes, gynobasi ciatbiores. — Crescit secus sinu in Sebastinopolitauum, loco dicto Junjuba.
21. G. SIPULACLA Vellozo, H. Humin. V. t. 91. — Planchon 1. c. 6 — Folia parvis, anguste liuceolatis, utrinque attenuatis, apice aequaliter evciso indentatis, caeterum integerrimis, amoene virentibus glaberrimis nitidis, pulchre venulosis, stipulis subulatis longis persistentibus, racemus terminatus brevi paucifloro, flonibus parvis, petiolis angustis, calyce longioribus, antheris laevibus. f) —
penlandra (e) (lore unico cicturum perfectissime evoluto)
 Rami graciles subtenuosi, hinc vix distiche lacinulose, breviter pubescentes, folia confertim subulata, distichae patentibus, pollicem et ultra longi, petiolus brevis latus complicato subulatus, nervus medius utrinque promulus, laterales utrinque 2—3, saepe asperius, saepius mugon folia subparallela, nervuli ciebii striaeformes patentibus, e nervo primario id medium folium extensi stipulae subulatae fuscae striatae, G. lin. longae, basi dilatatae runculoni semiimplectentes, inter se et a petiolo distinctae, axillis foliorum non raro fasciculatae. — Crescit in lirasili ad montem Corcovado prope Uio de .1 UK no, var. f) prope Hoa Vista provinciae llio de Janeiro.
22. C. PULCHELLA Planchon 1. c. 7 — *Glaberrima* folus lanceolatis acuminatis, basi acutis, internodiis vel apicem versus obsolete serrulatis, stipulis stro deciduis, paniculae ternariis parvae ramis paucis pedicellisque basi minute bracteatis gracillimis flonibus parvis, petiolis oblongo obovatis, calyce subaequilibus, gynobasi fructifera pinniformi clavata incurva, baccis (immutabilibus) paucis pisiformibus, gynobasi multo brevioribus. f) — Irutev foris substandens, ramuli graciles flexuosi. folia tenuia breviter rigidula, $1\frac{1}{2}$ poll longa, nervi tenues, supra prominuli, petiolus brevis simus, stipulae e basi latiuscula subulatae, petiolo triplo longiores; paniculae rami graciles subulatoe divisi, pedicellis alabastro triplo et ultra longiores, antherae laeves — Crescit in insula St. Catharinae Biasiae mendionibus subtropicae.
23. G. SELLOH Planchon 1. c. 8. — *Glaberrima* folus parvis confertis, breviter petiolatis oblongis, basi obtusa leviter complicatis, apicem versus remote parceque scirulatis, caeterum integris coriaceis nitidis, nervis secundariis tenuibus, vix conspicuis, venulis obsolete, paniculae terminibus parvae lamulis divaricatis, pedicellis subantheris bracteatis, alabastro vix duplo longioribus, petalis obovatis obtusissimis, calyce subulatis, antheris laevibus, dorbo latis. f) — Frutex habitu rigidior quam in *G. pulchella*, ramuli crebri abbreviati recti, folia conferta nitidula, primo intuitu integerrima, $\frac{1}{2}$ poll, longa, 8—10 lin. lata, petiolus brevissimus, haccae in ramis floriferae nullae, antea non visae, pedicelli quam illi praecedentis minus graciles, apice paulo incrassati. 1-ructus ignotus. — *G. parviflora* Hb. Reg. Berolm. — Crescit in Brasilia (verisimiliter) tropica
- *24. G. PUMILORA DC. 1. c. 737. no. 19. — *Ochna Jabotupita* Fl. Flum. V. t. 90. (nec aliorum) — Crescit in Brasilia provincia Minas Geraes.
23. G. CAIACASAN Planchon 1. c. 8. — *Glaberrima*? folus magnis petiolatis oblongis, obtuse vel acutiuscule acuminatis integerrimis vel saepius hinc inde repando seiratis, tenuiter chartaceis concoloribus nitidis, nervo medio supra latiusculo piano, nervulis acute pronuntis, secundariis tenuibus arcuato-ascendentibus, utrinque prompt

nulls; panicula terminali multiflora ebracteata; pedicellis flore longioribus, petals angustis, calyce demum reflexo (persistente?) vix longioribus, antheris sublaevibus. X) — Kami teretes, ramuli axisque inflorescentiae compressi fusti, folia majora quatuor poll longa, subnudio Jata, nervi venulis tenuissimis pulchre uertexti, petiolus duas lineas longus, supra sulcatus rubescens, (lores parvi, antherae laeves.— Lresit prope Caracas.

- 26. G. GUYANENSIS Rich. — DC. 1. c. 73G. no. 8. — *Oualea Guyanensis* Aubl — Crescit in Guyana Gallita.
- *27. G. LUCENS n. B. Kth Nov Gen. et sp. VII. 132.-Crescit in litore Novo-Grin tensi juxta El Zapote ad ostia flumims Sinu, prope Cartliagenam et ad Turbaco altit ISO hexap.
- 28. G. SALICIFOLIA A. St. Hil. et Tulasn. — Wlprs. 1. c. I. 627. no. 25. — Crescit prope Rio de Janeiro.
- 29. G. CURVATA A. St. Hil. — Wlprs. I. c. no. 14. — Crescit in sylvis prope viculum Carahype prov. Spiritus Sancti baud longe a litore mans.
- *30. G. CUSPIDATA A. St. Hil. — Wlprs. 1. c. 526. no. 13. — *G. serrulate* Pobl. — Wlprs. 1. c. 527. no. 19. — Crescit in sylvis pmaevis ad litora flumims Parahvba prope villam Uba prov. Rio de Janeiro alt. circ. 600 ped.
- 31. G. AEMULA Pebl. — Wlprs. 1. c. 527. no. 20. — Crescit in Brasillae prorinm Rio de Janeiro.
- 32. G. OLIVAEI-ORMIS A. St. Hil. — Wlprs. 1. c. 526. no. 12. — Crescit in syhis prope Rio de Janeiro.
- 33. G. JAMAICENSIS Planchon 1. c. 11. — *Glaberrima* foliis oblongis, utrinque arutis cuspidatis integris vtl remote et obtusc denticulatis, supra livide virentibus, subtus fuscis coriacm nitidis, nervis hteialibus cums, utrinque vix promtnulis, paruculae terminalis ramis divergentibus, flonbus majusculis, antberis sublaetibus i) — Habitu *G. olivaeformis*, folia 3—4 poll, longa, 1% poll, lata patentia subdeflexa, pedicilli et calyces import! siccitate nigrescentes, petalalate cuneato obovata, calyce mijora. — Crescit in Jamaica.
- **34. G. JAUOTAPITA Sw. — DC. I. c. 737. no. 12. — Crescit in insulis Antillams (?).
- 35. G. SQUAMOSA DC. 1. c. no. 13. — Crescit in insula Tabago (/).
- 30. G. MFVICANA H. B. — DC. I. c. 737. no. 18. — Crescit in calidis inter Acapulco et Chilpancmgo r< gm Mexic mi.
- 37. G. JURGENSLNII Planchon I c. 11. — *Glaberrima*: folus anguste lanceolatis, longe acumimtis acutissimis, ba*i excepta argute serratis, tenuibus rigidis fragiibus mtulis, pulchre arcuato nervo&is, pamculae terminalis brevis laxiusculae depauperaetae ramis patentibus bracteatis, pediceilis gratilibus longiusculis, anthers sessilibus, tenuiter rugulosis. t) — Species elegans, epidermis ramulorum grisea sublaevis nitida, folia 3^—4 poll, longa, vix 1 poll, lata, exquisite acummata, petiolus 2—3 lineas longus, stipulae valde deciduae non vi&ae, pamcula folus brevior, flores in specimine manco semidestructi. — Crescit in regni Mexicam montibus dictis Sierra San Pedro Nolasco.
- 38. G. NITIDA Sw. — DC. 1. c. no. 14. — Crescit in Jamaica, in insula St. Thomas et insula Antigua.
- 39. G. GUILDINGI Planchon 1. c. 12. — Folus breviter petiolatis patenti subdeflexis elliptico oblongis, utrinque acutiusculift, ba&i excepta tenuiter seirulatis glaberrinus ngidib conaceis discoloribus, nervis secundarus crebns tenuibus pronuriulis, pamcu*hs e ramis denudatis ortis brevibus, pedicellis alabastro longioribus calycibusque minute resmoso puberulis, anthers supra medium rostratis, tiansverse rugulosis, pons apicalibus mmutis. b^7 1)1 — Ramuli crebn, angulo recto patentis, folia 1^—2 poll. longa, dinndio lata dura, supra olivaceo fuscalucida, subtuspallidioraopaca, pubes inflorescentiae et calvcum pulveracea, granulis minutissimis vitreis conspersa. — Crescit in insula St. Vincentu.
- 40. G. SURINAIENSIS Planchon 1 c. 13. — *Glaberrima* folus petiolatis oblongis acutiuscuhs acummatis, supra basin serrulatis conaceis nitidis subconcoloribusplani^i

- nervo medio latiusculo ficcundariisque arcuatis, utrinque impressis; paniculae terminalis depauperatae ramis paucis racemiformibus laxifloris; pedicellis gracilibus, alabastris duobus longioribus; calycibus post anthesin reflexis (an persistentibus?); antheris undulato-rugulosis. *l.v.t*) — Ramuli stripti laeves teretes fusci; stipulae foliorum juniorum subulatae, petiolum 2 lin. longum supra sulcatum aequantes. Folia 2—3 poll, louga, 1—2 poll. lata. — Crescit in Guyana Guayana prope Surinam.
- 41. *G. ACUMINATA* DC. 1. c. no. 15. — Crescit in Brasilia.
42. (*G. SUBSCANDENS* Planchon 1. c. 14. — Glaberrima: foliis patentibus vel subdeflexis oblongis acuminatis, ab apice infra medium obsolete et obtuse serratis, coriaceis subaveniis, nervo medio supra lato impresso, subtus acute prominulo, secundariis tenuibus crebris, arcuatis, utrinque impressis; paniculae terminalis magnae ramis elongatis incurvo-patentibus multifloris ebracteatis; floribus medlocricibus confertis, pedicello subaequilongis; petalis cuneato-obovatis, calyce parum longioribus; antheris sessilibus transverse rugulosis. *l.v.t**) — Ramuli teretes griseo-fusci, lentibus punctiformibus adhaerens; folia majora 3/4 poll, longa, 1/2—2 lata, serraturae versus folii apicem remotae obtusissimae, interdum obsolete, substantia folii tenax nec fragilis, petiolus 2 lin. longus, supra canaliculatus, marginibus involutis, rubronigrescens; paniculae subpedalis rami inferiores longi superioresque gradatim abbreviati compresso-angulati} baccae 1—2 subelliptico-obovatae, lateribus compressae, gynobasi globosae iisdem crassiori insidentes. — Crescit in silvis prope Pernambuco.
- *43. *G. HEXASPEKMA* A. St. Hil. — Wlprs. 1. c. I. 52G. no. 3. — Crescit in campis arboribus tortuosis intersitis, praesertim in partibus prov. Minas Geraes, quae dicitur Minas novas et Certão do Rio de S. Francisco, provincia Piahy.
- 41. *G. PEKSISTENS* A. St. Hil. — Wlprs. 1. c. no. 4. — Crescit in montibus dictis Serra da Caraca prov. Minas Gerais. S
- 44(bis) *G. SEMISERRATA* Mart, et Nees, Nov. act. XII. 42. — Planchon 1. c. 15. - Crescit in provincia Minas Geraes prope Tamburil et Valos.
(An eadem ac species praecedens dubitatur!)* ^
- C. persistens* ex specimenibus in prov. Minas Geraes a Landori et Clausen lectis; folia oblonga crassa, 3—4 poll, longa, supra basin obtusiuscule serrata, nervo medio rubente, lateralibus subtus nullis, rami doriferi crassi, apice lapsu perularum profunde annulati.
- G. semiserrata* ex specimenibus Herb. Berol. partibus omnibus praecedente gracilior, folia vix 2 poll, longa, minus crassa, ab apice infra medium argute serrata, nervo medio concolore, lateralibus nervulisque reticulatis, utrinque tenuiter prominulis. — Inflorescentia et (lores in utraque plane consimiles.
- *45. *G. CASTANAEAFOLIA* DC. 1. c. 73G. no. 10. — Crescit in provincia Minas novas et in parte occidentali prov. Minas Geraes quae dicitur Certão.
- *46. *G. ILICIFOLIA* DC. 1. c. no. 11. — Crescit in S. Domingo.
- 47. *G. LONGIFOLIA* DC. 1. c. no. 9. — Crescit in Guadalupa.
- *48. *G. FLOIDANDA* A. St. Hil. — Wlprs. 1. c. I. 520. no. 7. — Crescit in campis altis (vulgo Chapadas) partium prov. Minas Geraes, quae dicuntur Minas novas et distrito dos Diamantes.
49. *G. CLAUSSENI* Planchon 1. c. 16. — Glaberrima: foliis confertis erecto-imbricatis subsessilibus oblongis, utrinque acutis, argute serratis coriaceis nitidis, nervis tenuibus parallelis arcuatis, utrinque prominulis; paniculae terminalis ramis strictis elongatis racemiformibus; pedicellis alabastro ovato acuto subaequalibus; antheris sessilibus undulato-rugosis. *t*) — Uamus unicus adest simplex rigidus, foliis erectis tectus, cortice non suberoso, sub epidermide cinerascens partim detersa fulvo. Folia fere *Castaneae*, sed minora, 2—3 poll, longa, 10—15 lin. lata, faciebus subconcoloria, nervus primarius latiusculus, utrinque prominulus, secundarii crebri, versus marginem folii inter se vix connexi, venis tenuibus intertexti; paniculae vix semipedalis rami angulati ebracteati subglaucescentes; sepala ovato-lanceolata, 2—3 lin. longa obtusiuscula, interiora margine late scariosa, petala calyce paulo longiora. — Crescit in provincia Minas Geraes.

- *50. *G. CONFERTIFLORA* Pohl.— Wlprs. 1. c. I. 527. no. 17.—*G. lanceolata* Poh?—
Crescit in campis provinciae Goyaz.
- *51. *G. HUMILIS* A. St. Hil. — Wlprs. I. c. 526. no. 11. — Crescit in Brasiliae campis herbilibus, praesertim prope urbem Paracatu prov. Minas Geraës, et in parte australi provinciae Goyaz.
- *32. *G. NANA* A. St. Hil. — Wlprs. I. c. no. 10. — Crescit in campis herbilibus prope pagum Farinha Podre, in parte occidentali provinciae Minas Geraës, baud procul a finibus provinciae »S. Paull.
- *33. *G. PUBESCENS* A. St. Hil. et TuJ. — Wlprs. 1. c. 527. no. 24.— Crescit in provincia Minas Geraës.
54. *G. SUBVELCJTINA* Planchon 1. c. 17. — Tota adpresse lutescenti-velutina: foliis ellipticis, basi complicata in petiolum brevissimum angustatis, apice obtusis, margine integerrimo insigniter revolutis, nervis secundariis supra obsolete, subtus valde prominentibus reticulo nervulorum densissimo intertextis; racemis subsimplicibus longiusculis, nunc axillaribus, saepius in paniculam terminalem collectis, pedicellis flori subaequalibus; antheris rugosis calyce parum brevioribus. — Arbor humilis. Kami crebri patentes, novelli velutini; folia exacte elliptica, apice obtusiusculo mucronulata coriacea cinnamomeo-lutescentia, stipulae (foliorum juniorum) lineari-subulatae acutissimae, 2% lin. longae caducae, pedicelli teretes 2% lin. longi. — Crescit in collibus siccis prope Paranagoa prov. Piauliy.
55. *G. BRACHYANDRA* Planchon 1. c. 18. — Minutissime puberula: foliis brevissime petiolatis ovatis vel oblongo-ellipticis, obsolete serrulatis vel subintegris coriaceis viridi-lutescentibus, nervis secundariis arcuatis; pauculae terminalis ramis nunc confertis abbreviatis, nunc elongatis racemiformibus; pedicellis (lore sublongioribus); calycibus pube cinnamomeo-castanea indutis; fiovibus parvis; antheris plane sessilibus rugulosis, vix duas lineas longis.
- var: *a. ovata*:
Frutex 6—8-pedalis, foliis subsessilibus ovatis, basi subcordatis, panicula conferta.
Folia 1! — 2 poll, longa, 15 lin. lata.
- (3. *intermedia*:
Frutex 2—4-pedalis, foliis, ovato-lanceolatis, basi obtusis, panicula minus conferta.
y. *elliptica*:
Frutex 6-pedalis, foliis oblongo-ellipticis, utrinque subacutiusculis; ramis paniculae elongatis.
Crescit var. *a.* in montibus Serra do Mato Grosso prov. Pernambuco, *B.* in collibus aridis arenosis districtus Rio Petro prov. Pernambuco, y. ad Paranagoa et prope Crato prov. Piauliy.
- *56. *G. OLEAEFOLIA* A. St. Hil. — DC. 1. c. 736. no. 5.—Wlprs. 1. c. I. 526. no. 8. - Crescit frequens in dumetis Brasiliae, vulgo Carrascos, in parte boreali provinciae Minas Geraës, quae dicitur Minas novas, et in prov. Goyaz.
- *57. *G. OVALIS* Pohl. — Wlprs. 1. c. 527. no. 18. — Crescit in campis inter arbores humiles circa Fazenda de Dona Severina in parte septentrionali capitaniae Goyaz*
Var. *glabrata* in prov. Goyaz.
- *58. *G. NERVOSA* A. St. Hil. — Wlprs. 1. c. 526. no. 5. — Crescit in campis herbilibus prope civitatem Goyaz s. Villa Boa.
- *59. *G. GLAUDESCENS* A. St. Hil. — Wlprs. I. c. 527. no. 15. — Crescit in campis herbosis partis occidentalis prov. Minas Geraës.
- *60. *G. ROTUNDIFOLIA* Gardn. — Wlprs. 1. c. V. 400. no. 2. — Crescit in sabulosis aridis circa Bahiam.
- *61. *G. PARVIFOLIA* A. St. Hil. — Wlprs. 1. c. I. 520. no. 9. — Crescit in campis herbilibus partis occidentalis prov. Minas Geraës vulgo dictae Certão do Rio de & Francisco.
62. *G. BLANCHETIANA* Planchon 1. c. 19. — Ramulis axique inflorescentiae *ver-*
scentibus j foliis parvis ovalibus, basi obtusissimis vel subcordatis, apicem versus acutiusculum vel obtusatum saepius paucidentatis, caeterum integris planis, venulis

- utrinque impressis subobsoletis, paniculis terminalibus brevibus, calycibus glaber rimis, petalis obovatis, perianthiis brevioribus, antheris transverse rugulosis. \) — Irutex verisimiliter dumosus, lamostissimus, rami glabri tortuosi cernere, ramuli puberuli brevissimi rufidula induti, folia vix 1 poll, longa, 8—10 lin. lata, petiolus 1% lin. longus, supra sulcatus, pubescens, nervus primarius supra prominulus, subtus impressus subpubescens, paniculae vix 2 poll, longae, parum ramosae, pedicellus G lin longi, minutissime puberuli, (lores expansi diametr. circiter 7—8 lin. — Crescit in Brasilia.
63. G. RUFIDULA Planchon 1. c. 20. — Ramosissima: ramulis inflorescentiaque minute vilutino puberulis, talus parvis ovato-oblongis, basi obtusis vel acutiusculis, supra medium ad apicem argute serratis, conaceis plants subavenus, sicutate rufidulis mil dis, paniculis terminalibus brevibus, parum ramosis, calycibus deciduis, baccis 3—4 (immaturs) ovoideis, gynobasi valde incrassatae affixis. \) — Habitus *G. Blanchettanae*, rami crabri tortuosi cernere, stipulae e basi latiuscula cucurbitatae, petiolo 1—1% lin. longo, folio concolio subaequalis, nervus primarius supra prominulus, subtus impressus, secundariis tenuissimis anuati, utrinque immerhi, vix conspicui. — Crescit in collibus siccis dumtosis prope Paranagoa.
- 64. G. VACCINIODES A. St. Hil. — WJprs. I. c. 527. no. 26. — Crescit in montibus Organensibus prope Rio de Janeiro et in prov. 8. Pauli.
- *65. G. CASSINAEFOLIA DC. 1. c. 777. no. 22. — Crescit in Brasilia in Serra Jacobina.
- 66. G. AQUATICA H. B. Kth. — DC. 1. c. no. 23. — Crescit ad Onocum prope Javltam.
67. G. SCHOMBURGKH Planchon 1. c. 21. — Gliberrima: foliis oblongis acute cuspidatis, basi acuta in petiolum brevem attenuate, argute serratis conaceis, minute reticulatis racemo terminali simplici densifloro, lloibus geminatis vel ternatis majusculis, calycibus nigrescentibus, pedicellis subaequalibus t) — Tolia 3—4 poll, longa, 1—1% poll. lata, exsiccatione fusciscentia, nervo medio utrinque prominulo, lateribus vix manifestis, reticulo nervulorum denso utrinque parum conspicuo, Crescit in Guyana Anglica ad fluvium Liebice in Demerara.
- 68. G. GRANDIFLOKA DC. I. c. no. 20. — Crescit in Guyana ad Rio Negro

Non satis notae.

- 69. G. VERTICILUTA Fl. Flum. V. t. 89. (sub OCHN). — Crescit in Brasilia.
70. G. POLITA Prsl. Botan. Bemerk. p. 32. — Glaberrima foliis breviter petiolatis oblongo unceolatis acuminatis serrulatis, utrinque minutis venosisque basi integris angustatis, panicula terminali multiflora, bracteis fugacibus, sepalis ovatis obtusis petala obovata subrotunda aequantibus, antheris mariline undulato lobosis, gynobasi obconica carnosae carpella 1—3 gerente. l) — Crescit in Brasiliac provincia Rio de Janeiro.

Subclassis II.
CALICIFLOBAE.

(DC. Prodr. II. 2.)

Ordo LIX. STAFHTLAEACEAE *Bartl.*

(Wlprs. Repert. bot. syst. I. 529. II. 823. V. 401. — CELASTRINEARUM trib. I. DC. Prodr. II. 2.)

5671. **TERPINIA** *Vent.*

(DC. Prodr. II. 3. - Wlprs. Repert. I. 529. II. 826. V. 401.)

1. T. MEGAPHYLLA Tulasne, Ann. sc. natur. (3. Ser.) VI. 361. f — Foliis oppositis simpliter imparipinnatis 1 — 2-jugis maximis, foliolis petiolulatis oppositis, late ellipticis, brevissime acuminatis, basi rotundatis, obiter argute serratis, supra glabris, & subtus dense albido-pubescentibus; panicula terminali umpla, laxe ramosa; floribus subsessilibus pallidis. *l*) — Crescit in montibus Quinduensibus Novae Granatae ad Alto de Machin.
2. *T. SCHIEDEANA Tulasne, Ann. sc. natur. (3. Ser.) VII. 296. — *Lacepedea pinnata* Schlecthd. Linnaea X. 240.
3. *T. NEPALENSIS Wall. — Wlprs. I. c. 1. 529. no. 1. et III. Emend, p. 3, — Wght. Spicilg. Neilgherr. I. 39. t. 44.

Ordo LX. CELASTRINEAE *R. Br.*

(Wlprs. Repert. bot. syst. I. 520. II. 827. V. 401. — CELASTRINEARUM trib, II. EVO-
NYMEAE DC. Prodr. II. 3.)

5675. **IOPIIOPETALI**TM *Wght.*

(Wlprs. Repert. I. 530.)

1. L. OVATUM Prsl. Botan. Bemerk. pag. 32. — Calyx disciformis vel scutelliformis quinquecrenatus; petala quinque, sub disco perigyno carnosio lato quinquelobo inserta & sessilia fimbriata, lobis disci striato-verrucosis accreta. Stamina quinque, supra discum inserta; filamentis subulatis persistentibus; antheris ovatis. Ovarium pyramidale triquetrum, longitudine filamentorum; stigmatibus sessilibus. Fructus ignotus. *l*) — Crescit ?

5675/, **VYETIOMUS** *Prsl.*

(Prsl. Bot. Bemerkgn. p. 32.)

Calyx quinquefidus persistens; laciniis ovatis acutis ciliatis. Petala quinque, sub disco epigyno carnosio orbiculato integro inserta decidua laevia integerrima. Stamina quinque, disci perigyni margini inserta; filamentis subulatis persistentibus; antheris cordato-subglobosis. Ovarium liberum, disco semiimmersum quinqueloculare, loculis bivulatis. **Stylus**

cylindricus persistens. **Stigma tri**—quinquelobum concavum. Capsula ^uinqueloba quinquelocularis, immatura visa. — Frutex Indicus.

1. *V. fEVONYMUS Wall. Cat. no. 4280.) **PENDULA** Prsl. I.e.— *l* — Species quoad habitum et characteres vegetativos indescipta. — Crescit In India orientali.

5676. **EVONYMUS** *Tourncof.*

(DC. Prodr. II. 3. — Wlprs. Repeit. I. 530. II. 827. V. 401.)

1. E. **ANGULATA** Wght. Icon, plant, *t* 1053. — Arborea: ramulls acute tetragonis sulcatisque; foliis ovato-lanceolatis acuminatis integerrimis glabris; cymis axillaribus dichotomis laxis; floribus longe pedicellatis; calyce ad marginem fimbriato j petalis orbicularibus; capsulis turbinatis 5-ocularibus, loculis per abortum monospermis, gemirie ab arillo subincluso, ovull abortivi reliquiis in loculo conspicuis. *t* — Crescit in India orientali (Neilgherries).
2. »E. **CUENULATA** Wall. - Wlprs. 1. c. I. 531. no. 17. — Wght. Icon, plant, tab. 973. et Spicileg. Neilgherr. I. 39. t. 45.

5678. **CATHA** *Forsk.*

(Wlprs. Repeit. I. 532. V. 401.)

1. * C. (**CELASTRUS** Eckl. & Zeyh. — Wlprs. 1. c. I. 533. no. 13.) **PATENS** Prsl. Bot. Bmrknngn. p. 33. — *Celastrus buxifolia* Drège Hb. fl. Capens.
2. * C. **LANCEOLATA** Prsl. 1. c. 33. — *Celastrus lanceolata* E. Mey. in Drège Hb. fl. Capens. — (nee *Celastrus stenophylla* Eckl. & Zeyh.)
3. * C. (**CELASTRUS** Eckl. & Zeyh. — Wlprs. Repeit. I. 533. no. 8.) **RUPESTRIS** Prsl. 1. c.
4. * C. **ACUMINATA** Prsl. 1. c. — *Ilex lucida* E. Mey. mss. — *Celastrus acuminates* Linn. — DC. Prodr. II. 6. no. 21 ?
5. * C. **CYMOSEA** Prsl. 1. c. — *Celastrus cymosus* Soland.
6. * C. **HETEROPHYLLA** Prsl. 1. c. — *Celastrus heterophyllu** Eckl. & Zeyh. — Wlprs. 1. c. I. 534. no. 16. *S
7. * C. **SPATHYPHYLLA** Prsl. 1. c. — *Celastrus spathyphyllus* Eckl. & Zeyh. — Wlprs. 1. c. no. 19. **
8. * C. **TRIGYNA** Prsl. 1. c. — *Celastrus trigymis* Lam. — DC. 1. c. 6. no. 26.
9. * C. (**CELASTRUS** Eckl. & Zeyh. — Wlprs. 1. c. I. 533. no. 11.) **CAMPESTRIS** Prsl. 1. c. 34.
10. * C. **VENENATA** Prsl. 1. c. — *Celastrus venenatus* Eckl. & Zeyh. - Wlprs. 1. c. 534. no. 20.

5679. **CELASTRUS** *Kth.*

(DC. Prodr. II. 5. [ex p.] — Wlprs. Repeit. 1. 533. II. 827. V. 401.)

1. C. **OBTUSATA** Prsl. Botan. Bemerk. p. 34. — Scandens (?), glaberrimus: foliis petiolatis obovatis marginatis integerrimis emarginatis obtusissimisve, basi acutis; racemo terminali*! multilloro; bracteis ovatis acutis pedicello angulato multoties brevioribus; calycis laciniis ovalibus obtusis, capsula quadrivalvi dimidio brevioribus. *l*^ — Crescit in California ad Monte-Rey.

5679/j. **POLYACANTIIUS** *Prsl.*

(Prsl. Bot. Bmrknngn. p. 33.)*

1. P. **STENOPHYLLUS** Prsl. Bot. Bemerk. p. 33. — Calyx quadrilobus persistens. Petala. . . . Stamina quatuor, margini disci inserta, filamentis setaceis calyce duplo longioribus, antheris subglobosis introrsis bilocularibus longitudinaliterdehiscentibus. Ovarium globosum. Stylus ovario aequilongus teres. Stigma trilobum. Capsula obovato-subglobosa, styio mucronata, unilocularis (loculo altero abortiente minimo), bivalvis monosperma, valvis coriaceo-lignosis Jivaricatis, extus transversim ruguloso-striolatis. Semen erectum oblongo-lanceolatum, minute apiculatum, basi arillatum

- fusco purpurastens mtidum. — *Celastrus stenophyllus* Etkl. & Zeyh. Enumer. pi. Ci pens. no. 935. — In Promontorio bonae spti.
2. P. ANGUSTIFOLIUS Prsl 1 c. p 34. — Calyx quinquefidus Petala ovata decidua i calyce quadruplo longiora brevissime unguiculata, sub disco perigyno integro inserta Stamina quinque, mai^{or}im disci inserta, filamentis corolla aequilongis setaceis, antheris subglobosis bilocularibus introrsis. Ovarium globosum triloculare, loculis uiv- (i) ovulatis Stylus ovano paulo brevior teres Stigmata tria crassiuscula divaricata ita Fructus ignotus — Kami spinescentes. Folia liuean cuneata obtusa emarginataque crenata integraque in petiolum bievistimum angustata conata pinnatim quem admodum tota planta glandulosa. Paniculae subcymosae multiflorae axillares folio breviores. Flores albi — *Celastrus hneans* Eckl & Zeyh 1. c. no. 934. — In Promontorio bonae spei.

5679/a. ENCENTIUS *Pi si*

(Prsl. Bot. Bmrkngn. p. 33.)

Calyx profunde quinquefidus deciduus. Petala quinque sub disco perigyno inserta decidua oblonga enervia carnosae, cunctae convexae. Stamina quinque, margini disci inserta, petalis duplo triploque breviora, filamentis brevissimis, antheris subglobosis introrsis bilocularibus longitudinaliter dehiscentibus. Ovarium subglobosum, stigmatibus sessilibus. Capsula obovata compressa bivalvis bilocularis, loculicide dehiscens, alvis medio septiferis extus minute creberrime transversim rugulosis, loculis monospermis. Semen erectum, ovale, utrinque acutum, ad raphem lineam elevatam longitudinali insignitum punctatissimum, testa tenui, arillo tenui brevi. — Frutex Capensis.

1. »E. (CELASTRUS Thunberg. - DC. Prodr II 8. no. 48.) LINEARIS Prsl. 1. c. — ^ — In Promontorio bonae spei.

5680. MAYTENUS *Fcuill.*

(DC. Prodr. II. 9. — Wlprs. Repert. I. 534 II. 872. V. 402)

1. M. MAGELLANICUS Hook fil. Antarct. voy. of Terror and Erebus 254. — Ramis teretibus pubescentibus, foliis alternis glaberrimis elliptico ovatis, utrinque attenuatis serratis conatis, floribus subsolitaris bivalvis pedunculatis, bracteosis filamentatis, calycis segmentis rotundatis, petalis ovato oblongis obtusis, antheris ovato cordatis, capsula compressa orbiculari bivalvi disperma, semibus basi arillo albedo cupulan donatis, testa crustacea. — *Castanea Magellanica* Lam. — *Celastrus? Magellanicus* DC Prodr II. 8. — Hook. Ic. pi. t. 537. — *Euthalia lucida* Banks & Soland. mss. — Ad fretum Magellanicum.
2. M. CREJNULATUS Prsl. Botan. Bemerk. p. 35. — Folius oblongo lanceolatis obtusis emarginatisque crenulatis in petiolum angustatis, floribus axillaribus glomeratis, pedicellis petiolum aequantibus, calycis laciniis obtusissimis ciliatis. ^ — Crescit in Chile.
3. M. CAPITELLATUS Prsl. 1. cit. — Folius lanceolatis acutis obtusisve callosis serrulatis, stipulis setaceis ciliatis fugacibus petiolo duplo brevioribus, pedunculis axillaribus solitaris petiolo sublongioribus bivalvis — inflorescentia, floribus capitato glomeratis, calycis laciniis obtusissimis. [j] — Crescit in montanis Peruviae huanocensis.
4. M. PRUNIFOLIUS Prsl. 1. cit. — Folius oblongo lanceolatis obtusis callosis serrulatis, basi acutis, stipulis setaceis erectis petiolo quadruplo brevioribus, pedunculis axillaribus bifloris petiolum subaequantibus, pedicellis pedunculo brevioribus, capsulae obovatae retusae triangulari. — Crescit in montanis huanocensis Peruviae.
5. M. OBOVATUS Hook. fil. Transact. of the Linn. Soc. XX. 230. — Inermis ramis divaricatis, foliis petiolatis obovatis vel obovato cuneatis conatis obtusis vel plerumque retusis emarginatis integerrimis vel obscure serratis, floribus solitaribus raro solitaris, pedicellis unifloris. ^ — Crescit in Chatham Island.

5681. **MICROTROPIS** Wall.

(Wlprs. Repert. I. 534.)

1. *M. DISCOLOR Wall. Cat. 4337. — Wlprs. 1. c. — *M. garcfaiiaefolia* Wght. Icon, plant, t. 7G1? (ex synon.)
2. M. MICROCARPA Wght. Icon, plant, t. 975. & Spicil. Neilglierr. I. 40. t. 46. — Erecta fruticosa: foliis oppositis ovatis mucronatis integris glabris, supra nitidis, infra glaucescutibus; petalis obovatis, apice late cuneatis; cymis axillaribus dichotomis quam folia brevioribus; capsula subcylindrica, basin versus parumper attenuata apiculata; (seminum) testa ferrugineo-brunnea. ^—Crescit in India orientali (Neilgherries) ad Kottergherry.
3. M. OVALIFOLIA Wght. 1. 1. c. c. t. 976. et t. 47. — Fruticosa, diffuse ramosa: foliis ovalibus, utrinque rotundatis; cymis axillaribus trichotomis, quam folia brevioribus; petalis orbicularibus; fructu oblongo ovali obtuso j (seminum) testa coccinea. h — Crescit in India orientali ad Ootacamund (Neilgherries).
4. M. RAM I FLORA Wght. Icon. pi. t. 977. — Arbuscula mediocris: foliis subsessilibus basi cordatis, obovatis obtusis v. submarginatis reflexis, crasse coriaceis? iloribus In ramulis nudis dense glomeratis; petalis obovatis; fructibus oblongis obtusis j seminum testa rubro-aurantiaca. j) — Crescit in India orientali simul cum praecedente.
5. M. DEN SI FLORA Wght. I. c. t. 1052.

5688. **ELAEODENDKOX** Jcq.

(DC. Prodr. II. 10.— Wlprs. Repert. 1.536. V.402.)

1. E. VERRUCOSUM Kth. Linnaea XIX. 393. — Glaberrimum: ramis teretibus verrucosis} foliis sparsis et oppositis petiolatis oblongis, utrinque obtusis, crenato-serrulatis reticulatis coriaceis nitidis; pedunculis dichotomis, subseptemfloris, in ramulis brevibus hornotinis, apice subtriphylis corymboso-dispositis, foliis triplo brevioribus; floribus tetrandris; ovarii quadrilocularibus, loculis biovulatis. \) — *Ochna Capensis* Hort. Berol. — Promont. bon. spei. %

5689. **MLYGINDA** Jcq.

(DC. Prodr. II. 12.—Wlprs. Repert. *I. 538. V. 402.)

1. M. DISTICHA Hook. 01. Antarct. voy. of Terror and Erebus 254. — Ramls puberulis distichis divaricatis; foliis glaberrimis alternis distichis parvis brevissime petiolatis lineari-oblongis subacutis integerrimis, marginibus tenuiter recurvis, nonnullis apiculatis; floribus axillaribus solitariis brevissime pedicellatis unifloris; capsula coriacea abortu uniloculari monosperma; semen arillo membranaceo fere involutum. "^^?— Rami teretes, pube tenui fuliginosa donati, hic illic cicatrisati. Folia perplurima, ^ unc. longa, omnia horizontaliter patentia, coriacea, uninervia, supra medio sulcata cinereo-olivacea, sub lente subtilissime nigro-punctata, subtus pallidiora, margine recurvo, suprema apiculo calloso terminata. Flores inconspicui; pedicellis bibracteolatis j bracteolis margine ciliatis. Calycis segmenta rotundata. Petala immatura calyce bis longiora ovato-rotundata. Capsula trilinearis, oblique oblonga coriacea, lineis atris notata, intus costis 2 oppoMtis el e vat is percursa, hinc spurie bilocularis. Semen unicum, capsulam totam implens, fusco-brunneum, vix maturum arillo membranaceo undulato fere omnino indutum. — Crescit ad fretum Magellanicum, ad Port Famine.

5689/x. **PIPTOCELUS** Prrt.

(Prsl. Botan. Bemerk. pag. 36.)

Flores hermaphroditi. Calyx campanulatus quinqueiidus, longitudinaliter rmpens a basi deciduus. Petala quinque cum laciniis calycis ^iternantia, ima basi calycis adnata unguiculata. Stamina quinque petalorum alterna, filamentis subulatis, corolla brevioribus, antheris cordato-ovatis acuminatis bilocularibus introrsis, acumine incurvo, loculis longitudinaliter dehiscentibus. Ovarium globosum trilobulare, loculis uni-(?) ovulatis. Stylus crassus angulatus. Stigma trilobum. Capsula globosa

trilocularis, loculicide trivalvis, valvis medio septiferis, loculis mono-spermis. Semina erecta clavata obtusa, basi angustata, arillo clavo hirsuto vestita. — Frutex vel arbor Guayaquilensi*; foliis sparsis tenuiter coriaceis lanceolatis remote serratis, stipulis minutis deciduis; floribus in pedunculis axillaribus brevissimis fasciculatis parvis. — Quamquam flores a fabrita conhueta *Celastrum* recedunt, tamen hocce genus ad hunc ordinem numeratur, cum structura fructus generibus ordinis dicti conveniat.

• 1. P. HAENKEANUS Prsl. 1. cit. — Crescit in Guayaquil.

Ordo LXL ILICINEAE A. Brongn.

(Vlpr. Rept. hot. syst. I. 539. II. 828. V. 403. — *Celastrum* trib. HI. DC. Piodr. II. U)

5704. **CASSINE** Linn.

(DC. Prodr. II. 17. — Vlpr. Rept. I. 530. II. 828. V. 403)

1. *C. (IlfcX Drrge lib il. Cap.) **CROCEA** Prsl. Rot. Bmrkngn. p. 37. — (non est *Crocoxylum excelsum* Eckl. & Zeyh. Enumer. no. 988) — In Promontono bonae spei

Ordo LXIL RHAMNEAE R. Br.

(DC. Prodr. II. 10. — Monographs RLI^SLCKIANA. ante septem abhunc annos a ST ENDLIGIlibl indicata nondum in lucem piodut)

Tribus II. FRANGULEAE Reisseck mss. exEndl. Gen. pi. p. 1095.

5717. **ZIZIPHUS** Tournef.

(DC. Prodr. II. 19)

1. Z. OKYPHYLLA Edgwrth. Transact. of the Linn. soc. XX. 43. — Aculeati: spin! bnis, brevior vix recurva, folis oblique ovatis acuminatis, flonbus axillaribus solitarns paucis^e fasciculatis. I) — Rami teretes purpurascetes. (olu alteriu petiolata trinervia ovata atumimta, basi oblique subcordata vel cuneata, minute ac argute serrate, serratuiis mucronatis, utnncq glabia vel sub lente in nervis puberula, spin^{Jr} stipulaceae bmae, lon^ior recta, brevior pat(ns vix recurva. (lores axillareft V^e dunculdti bolitaru vel 3—4 fdsciculati, calyx5 dentatus, dentibui acutiusculih. Petals spathulata cutullati antheram amplettentia. Stylus ciassus, stigmatate subcapitato emarginato. Fruttus. . . . ? t) — Crescit in Himala ad alt. ped 4000—7000.
2. Z. Rnge. Arbtn. des naturf. Vereines in Rigi I 211. — Rami duo Coins or batl, sine (lore et fructu, adjectis baccis nonnullib. Rami validi divancatibsimi, ^{c o r} tice fusto gri&eo, laevi glabernnio. S>pinæ geminatae vahdisbimae, altera lon^ior patula recta, altera brevis reversa subieturva. liacca 9 — 10 lineas longae, obl«u go subglobosae lucidae rufo-badiae dukes. Pyrena semipollicans, basi attenu^{*^*} aplce dbrupte in conum brevem acumuidta, instulpto rugo&a biloculans, asp.^{erDia} omnibus baccis examinatis. — \) — In hortis Bucharensium colitur.

5722. **RIIITIMS** Juss.

(DC. Prodr. II. 23.)

1. RH. (*Alatermu*) **PROCUMBENS** Edgivith. Transact, of the Linn. soc. XX. 43. -^ Ramis prostidtis Coins coriaceis lanceoldtis, utrinque atutis mucronato serrulate

tibus 1—2 axillaribus stylis 3, petalis 0; drupa trisperma. \) — Rami prostrati ramosi, juniores pubescentes, veteres cortice albido verrucoso. Folia alterna coriacea glabra bistipulata breviter petiolata mucronato serrata lanceolata, plerumque itnneque acuta, vel rarius ovata obtusa. Stipulae persistentes subsetaceae. Pedicelli axillares unilobati solitarii vel bini. Calyx 5-fidus, segmentis latis acutis trinerviis deflexis, demum caducis, ideo in fructu quasi circumscissus. Petala 0. Stamina 5 cum calycis segmentis alternantia. Stili 3 longiusculi divaricati, apice revoluti. Drupae inspermae. — Affinis *Rh. Wiyhtiano*, differt foliis multo minoribus, petalis nullis.

2. *RH. (Frangula) PDRPUREUS* Edgwrth. 1. c. 44. — Arboreus inermis: foliis ovatis acuminatis serrulatis, iloribus axillaribus solitariis bimisve, petalis 0.1) — Arbor mediocnis, rami purpurascens albo maculati. Folia petiolata penninervis, serrata tunc mucronulatis, juniora pubescentia vestita, cito glabrata. Stipulae subulatae caducae, basi dilatata persistente. Pedunculi uniflori, 1 — 3 axillares nutantes. Calyx 5-dentatus, dentibus acutis. Petala 0, stamina 5 filamentis brevissimis, cum calycis segmentis alternantia. Stylus 3, staminibus capitato emarginato. Fructus ? — Affinis videtur habitu *Rh. alpino*, at floribus valde distinctus. — Crescit in Himalaya ad alt. ped. 8000—10000 in sylvis.

f Icones addendae.

RH. HIRSUTA Wgbt. & Am. - Wgbt. Icon. pi. tab. 978. et Spicilg. Neilgh. I. 42 t. 40.

RH. INFECTORIA L. — Vifciani, Fl. Dalm II. t. 37.

5722/r NÄGELII Zoll. et MOT.

(System. Verzeichn. der von H. Zollinger auf Java gesammelten Pflanzen pag. 20.)

Dioica? polygama? Floris masculi calyx turbinatus 5-fidus, intus membrana albida biminigera obductus. Petala 5, calycis margini inserta, lobis calycinis alterna. Stamina fertilia 5, petalis opposita, staminibus alterna squamiformia. Fructus ? — Frutex inermis: foliis alternis ovatis basi subcordatis «erratis glabris. Flores albo-lutescentes odorati in pedunculo communi bracteato spicati. Petala (ex sicco) aurantiaca. I. *N. DUBIA Zollng. & Montzi 1. c—t) — Affinis *Rhamno? filiformi* Rth. — Crescit in Java insula.

5724 & CUTIA Commers.

(Ann. st. natur. X. 362.)

1. *SC. RHEEDEANA* Wght. Icon, plant t. 1071. — Fruticosa, aculeis retrorsis sparsis armata foliis suboppositis approximatis e late ovato orbicularibus, mucronato apiculis latis copiose parallelis, supra saturate virentibus, infra glaucis, ovario biloculari, fructu dispermo, seminibus compressis. \) — Crescit in India orientali ad Neilghernes.

5726. CEAKOTINTS Linn.

(DC. Prodr. II. 31.)

1. *C. THYRSIFLORUS Eschscholtz. — Ann. de la soc. de bot. et de bot. de Gand III. 11. t. 107.

Tribus III. COLLETIEAE Reisseck 1. c. p. 1099.

5731. DISCHAHIA Hook.

(Hook. Bot. Misc. I. 156.)

- ¹ *D. PAUCIFLORA* Hook fit. in Transact. of the Linn. soc. XX. 225. — Ramis ramulisque teretibus sparsis, foliis sparsis caducis oblongo-ovatis oblongisve integerrimis mucronulatis, breviter petiolatis, nervibus sparsis solitariis bimisve sub

sessilibas quinquedidls; petalls latisstme spathulatis blfidls, ungue bievl > ovario bi loculari. /) — Crescit in Albemarle Island.

2. D. TOUMATOU Raoul Choix de plantes de la Noirelle Zelande pag 29. — Glabra : ramulis vulidis, abortivis spinescentibus acerosis horizontalibus"; foliis obovato- vel lineari-ellipticis obtusis, in petiolum brevem attenuatis, utrinque glaberrimis j floribus axillaribus puberulis ; calycinis lob is reflexis, utrinque subincano-pubcrulis. \) — Frutex 1% — '2-metralis tortuosus. Ilami oppositi difTust horizontales teretes, membrana glabra facile separabili vestith Ramuli abortivi spinescentes lignobi acerosi horizontales, 3—5 ceitimetr. longi, ad apicem stipulati, sphacelati, interdum in junioribus virescentibus 1—2 folio minimo stipati, novelli elon-gaff subherbacei foliosl. Folia sessilia, quasi infra ramulos sprneseentes fasciculata, in junioribus vero opposita obovata vel lineari-elliptica obtusa, basi attenuata, utrinque glaberrima petini-nervia, vix 2 ceitimetr. louga. Stipulae binae lanceolatae vel liueari—deltoideae subtriangulares acutae, basi persistente connatae glaberrimae. Flores 4—G congests pedunculuti, e foliorum cnngerie orti axillares; pedunculi 1—2 millimetr. pubescentes erecti. — Vulgo *Toumatoukouru*. — Crescit in Nova Zeelandia, Akaroa In arenosis.

5730. COIXETIA *Cormners.*

(DC. Prodr. II. 28.)

1. *C. DISCOLOR Hook. — Ilombr. & Jacquinot, Voy. au Pol Sud. (Dot. phaner. dicot.) t. 14.

Tribus IV. PIIYLICEAE Reisseck L c. p. 1100.

5736. WALPERSIA *Reisseck mss.*

(*Trichocephalus* A. Rrongn. Ann. sc. nat. X. 374.)

- \ *V. RHIPOPHORA Pi si. But. Bmrkngn. p. 37. — *Trichoecephalus rhipophorus* Eckl. & Zeyh. Enumer. pi. Cap. no. 1007.
 2. *W. CAPITATA Prsl. 1. c. — *Trichocephalus spicalus* Eckl. & Zeyh. 1. c. no. 997.
 3. *W. IHRTIFLORA Prsl. 1. c. 38. — *Phylica* . . . Drege Hb. fl. Cap. no. 678S.
 4. *W. CUHVIFOLIA Prsl. 1. c. — *Phylica* . . . Drege Hb. fl. Cap. no. 6790.
 5. *W. DUEGEANA Prsl. 1. c. — *Phylica* . . . Drege Hb. fl. Cap. no. G752^b.
 6. •W. (PHYLICA Vent. — DC. Prodr. II. 36. no. 23.) SQUARROSA Prsl. 1. c.
 7. *W. (PHYLICA Eckl. & Zeyh. 1. c. no. 1024.) RIGID A Prsl. 1. c.

5738. PHYLICA *Linn.*

(DC. Prodr. H. 35. sect. 1. §. 3.)

1. *PH. ALBIDA Prsl. Dot. Bmrkngn. p. 38. — *Ph. cylindrica* Drege Hb. fl. Cap. 5740.

5739. TYLAXTIUS *Reisseck.*

(*Phylicae* sect. 1. §. 2. DC. Prodr. II. 34.)

1. *T. (TRICHOCEPHALUS Eckl. & Zeyh. Enumer. pi. Cap. no. 1009.) COMOSUS Prsl. Bot. Bmrkngn. p. 37.
 2. •T. (TRICHOCEPHALUS Eckl. & Zeyh. I. c. no. 1002.) LITTORALIS Prsl. 1. c.
 3. *T. (TRICHOCEPHALUS Eckl. & Zeyh. 1. c. no. 1004.) ATRATUS Prsl. 1. c. -" *Phylica atrata* Lichtenst. mss.
 4. *T. (TRICHOCEPHALUS Eckl. & Zeyh. I. c. no. 1006.) GRACILIS Prsl. 1. c.
 5. *T. (TRICHOCEPHALUS Eckl. & Zeyh. 1. e. no. 1011.) VIRGATUS Prsl. 1. c.
 6. *T. (PHYLICA Linn. — DC. Prodr. II. 3f. no. 12. — TRICHOCEPHALUS Eckl. * Zeyh. 1. c. no. 1010.) IMBERBIS Prsl. 1. c.
 7. *T. RETRORSUS Prsl. 1. c. — *Phylica retrorsa* E. Mey. mss. In Drege PI. Cape¹⁵, exsicc.
 8. *T. CALLOSUS Prsl. I. c. — *Phylica caliosa* Thnberg. — DC. 1. c. 36. no. 2fi?
 9. *T. EXCELSUS Prsl. 1. c. — *Phylica imberbis* Drege mss. — *Ph. exdelsa* Wendl. -^ DC. 1. c. 35, no. 21. — *Ph. cylindrica* Eckl. & Zeyh. Enumer. pi. Cap. no. 102&

10. *T. WILLDENOWIANUS Prsl. 1. c. p. 38. — *Phylica Willdenowiana* Eckl. & Zeyh. 1. c. no. 1031.
- N. *T. LANCEOLATUS Prsh 1. c. — *Phylica lanceolata* Thnbg. — Eckl. & Zeyh. 1. c. 35. no. 9.
12. *T. ABIETINUS Prsl. 1. c. — *Phylica abktina* Eckl. & Zeyh. 1. c. no. 1013.
13. «T. (PHYLICA Eckl. & Zeyh. 1, c. no. 1010.) DEUILIS Prsl. 1. c.
14. *T. DIOSMOIDES Prsl. 1. c. — *Phylica* no. 6762. Drège Hh.
15. *T. <PHYLICA Hergius. — Eckl. & Zeyh. 1. c. no. 1015.) ERIOPHORUS Prsl. 1. c.
- Hi. *T. DISTICHUS Prsl. 1. c. — *Phylica disticha* Eckl. & Zeyh. 1. c. no. 1022.
17. *T. (PHYLICA Eckl. & Zeyh. no. 1021.) EMPETROIDES Prsl. 1. c.
- IS. *T. RREVIFOLIUS Prsl. 1. c. — *Ptylica brevifolia* Eckl. & Zeyh. 1. c. no. 1017.
19. *T. ROSMARINIFOLIUS Prsl. 1. c. — *Phylica rosmarinifolia* Lam. — DC. 1. c. 35. no. 19.
20. *T. SECUNDUS Prsl. 1. c. — *Phylica secunda* Thnbg. — DC. I. c. 35. 11.
21. »T. TIUNBERGIANUS Prsl. 1. c. — *Phylica Thunbergiana* E. Mey. mss. in Drège Hb. pi. Capens.
22. *T. PARVIFLORUS Prsl. 1. c. — *Phylica parviflora* Bergius. — DC. 1. c. 34. - no. 4? — *Ph. acerosa* Sieb. Hb. fl. Cap. no. 68.

5739/7 CALOPIYLICA Prsl.

(Prsl. Bot Bmrkngn. p. 39.)

Calyx hypocraterimorphus, tubo elongato cylindrico, Hmbi laciniis patentissimis oblongo-lanceolatis acutiusculis planis. Petala fauci calycis inserta cucullata glabra brevissima unguiculata, antheram nutantem excipientia. Aiitherae globosae uniloculares, loculis lamina dissepimentiformi divisio orbiculatis. Stylus tubo calycis brevior erectus fUiforinis, stigma capitatum. Capsula subglobosa trigona, apice nuda, calycis tubo basi urceolato truncato libero cincta trilocularis, loculis monosperniis, semina erecta obovata compressa, basi arillo cupulaeformi multifido instructs, vix matura visa.

1. *C. (PHYLICA Eckl. & Zeyh. Enumer. pi. Capens. no. 1037.) GNIDIOIDES Prsl. 1. c. — § — In Promofiterio bonae spei.
2. *C. (PHYLICA Eckl. & Zeyh. I.e. no. 1038.) JUMPERIFOLIA Prsl. 1. c. - b - In Proraontorio bonae flpel.

5740. SOULAXCIY A. Brongn.

(A. nrongn. Ann. sc. nat. X. 377.)

1. *S. (PHYLICA Drège Hb. fl. Cap.) PARVIFLORA Prsl. Bot. Bmrkngn. p. 38. — Species indscripta. \) — In Promontorio bonae spei.
2. • S. (PHYLICA DC. Prodr. II. 36. no. 32.) PEDICELLATA Prsl. I. c.
3. • S. SUHCANESCENS Prsl. 1. c. — *Phylica rosmarinifolia* Drège mss.
4. *S. THYMIFOLIA Prsl. 1. c. — *Phylica* Drège Hb. no. 6772.
5. *S. (PHYLICA Thnbg.) PLUMOSA Prsl. 1. c.

5742. CRYPTANDRA S?n.

(DC. Prodr. II. 38.)

1. CR. CAMPANULATA Schlicht. Linnaea XX. 639. f — Fruticulus: ramis saepe spinoscentibus, lateralibus primum abbreviatis et stipulis diu persistentibus subulato-acuminatis tectis, apice foliiferis, delis elongatis, tenuiter pubescentes in ramulis lateralibus valde abbreviatis (lores gerentes solitarios, hinc versus rami apicem racemose dispositos; foliis hinc fasciculatis 1% — %% Hn- longis, vix petiolatis, linearibus, margine revoluto complicatis acutiusculis et mucronulatis, extus viridibus, minutissimi8 pilis subglandulosis crassiusculis adspersis, infera pagina (noimisi sulci in modum in conspectum veniente) pubescente; stipulis e lata basi anguste acuminatis subulatis j floribus racemosim quasi dispositis nitantibus; calycis bracteis triplo lou-

- glorls, quarta parte partitl campanulatl extusque serlceo-albo-pllosl lacnlis trlangularibus ucutis; pctalis stipitatis obtuse cucullatis; ovario upice convexo rotundatu villosu; stylo simplicl, apice brevltcr trilobo. — Crescit In Nova Hollandia australl versus Murray-Scrub.
2. CR. LEUCOPIIRACTA Schlichtd. 1. c. 640. f — Fruticulosa subdichotomo-fastiglato-ramosa: ramulis junioribus ferrugineo-tomentosis; foliis supra glabriusculis viridibus, subtus velutino-tomentofels, tomento toto aut ad nervum, marginem et petiolum ferruglneo, oblongis seu obovatis seu spathulatis, in petiolum cuneatls, apice acumine medio brevi, extus curvato, piloso instructis, 3—3% lin. longis; stipulis e late trlangularl basi longe subulato-filiformibus, foliorum bracteantium multo majoribus, latloribus subuluto-mucronatis; florum capitulis pluribus. \) — Crexit In Nova Hollandia australl.

Tribus VI. *GOUANIEAE* Reisscck 1. c. p. 1102.

5746. *GOUAKIA* Jcq.

(DC. Prodr. II. 38.)

1. *G. LEPTOSTACDYA DC. 1. c. 40. no. 19. — Wght. Spicileg. Neilgherr. I. 42. tab. 50. et Icon, plant, tab. 978/2.

Ordo LXIIL BRUNIACEAE R. Br.

(DC. Prodr. II. 43. — WJprs. Repert. bot. syst. I. 542.)

4597. *BRUMA* Brongn.

(Wlprs. Repert. I. 543.)

- *BR. DRÉGEANA Prsl. Bot. Bmrkngn. p. 39. — Species Indescripta. — In Promontorio bonae spei.

4598. *RASPAILIA* A. Brongn.

(Wlprs. Repert. I. 544.)

1. *R. (BRUNIA E. Mey. in Drége Hb. fl. Cap.) VILLOSA Prsl. Bot. Bmrkngn. p. 39. — Species Capensis indescripta.
2. *R. (BRUVIA Thnbrg. — Drége Hb. fl. Cap.) CAPITELLA Prsl. 1. c. — Species indescripta Capensis.
3. *R. (BRUVIA Schlichtd. — Wlprs. 1. c. 544. no. 6.) PASSERINOIDES Prsl. 1. c.
4. *R. (BRUVIA Thnbrg. — BERARDIA Brongn. — Wlprs. 1. c. 545. no. 4.) — PHYLLICOIDES Prsl. 1. c.
5. *R. STRUTHIOLOIDES Prsl. 1. c.40. — Species Capensis indescripta.

4599. *STAAVIA* Thnbrg.

(Wlprs. Repert. I. 544.)

1. *ST. DRÉGEANA Prsl. Bot. Bmrkngn. 39. — Species Capensis indescripta.

4603. *TITTJIANNIA* A. Brongn.

(Wlprs. Repert. I. 545.)

- J. *T. (BRUNIA Thnbrg. — Drége nb. fl. tap.) LAXA Prsl. Bot. Bmrkngn. — Species Capensis indescripta.

Ordo LXIV. SAHTDEAE *Grtnr.*

(DC. Prodr. II. 47. — Wlprs. Repert. bot. syst. I. 347. 11, 818. V. 405.)

5060. CASEARIA *Jeq.*

(DC. Prodr. II. 49. — Wlprs. Repert. I. 547. II. 828. V. 40G. — *Chaetocrater* Rz. & Pav. — DC. Prodr. II. 52.)

1. *C. (Anavinga) FALLAX* Miquel, Linnaea XIX. 128. f — Follis breviter petiolatis obovato- vel oblongo-ellipticis obtuse acuminatis, basi acutis, serrato-crenatis vel repaudis coriaceis, maculis pellucidis plerisque rotundis, paucis linearibus, supra praeter basin nervi medii glabris, subtus in nervis, petiolo pedicellisque puberulis; (loribus axillaribus fasciculatis; pedicellia petiololum aequantibus; sternalibus castratis albo-hirsutis. *t*) — Calyx versus basin puberulus, stamina stylum aequantia, stigma oblongo-capitellatum. — Habitu *C. ramifloram* refert, sed floribus longe distat, his *C. Avellanae* arete cognata. — Crescit in Surinam.
2. *C. CLAUSSEIUANA* Miquel l. c. 441. f — Ramulis foliisque glabris, his modice petiolatis, majoribus ellipticis, minoribus fere lanceolatis, breviter et plerumque obtusiuscule acuminatis, basi acutis, integerrimis vel versus apicem subundatis, maculis pellucidis linearibus et rotundatis; stipulis linearibus puberulis; floribus axillaribus fasciculatis; bracteis subglabris; pedicellis birtellis; calyce quiuepartito, lobis obtusis puberulis pellucido-punctatis; staminibus inclusis. *v* — Crescit in Brasilia.
3. *C. (Pitumba) QUIJNDUENSIS* Tulasne, Ann. sc. natur. (3. Ser.) VII. 360. f — Ramulis pubescenti-velutinis fulvis; foliis distichia brevissime petiolatis, late ovato-lanceolato-ve-oblongis acuminatis acutis, basi cuneatis vel subrotundatis, argute remoteque serratis, dentibus minimis, supra glabris, subtus in nervis puberulis; stipulis linearibus abbreviatis rigidis persistentibus; umbellis sessilibus 2—4-floris; floribus longe pedicellatis, puberulis. *X* — Crescit in frigida montium Quijnduensium regione juxta la Palmilla, la Ilancheria de la Cueva et per eosdem montes provinciae Mariquiltensis ad alt. 2100 metr. supra Oceani ripas.
4. *C. COMBAYMENSIS* Tulasne l. c. 302. f — Ramis glabris albicantibus; foliis maximis ovato-oblongis acutis, basi rotundatis glabris, sparsim punctato-glandulosis, remote et minutissime serratis; umbellis sessilibus creberrime bracteatis; calyce puberulo; corona staminea glaberrima inclusa. *v* — Crescit circa oppidum Ibague in Novo-Granatense ad ripas fluminis Combayma seu Combeima.

Ordo LXV. HOMALINEAE *A. Br.*

(DC. Prodr. II. 53. — Wlprs. Repert. bot. syst. I. 548. V. 408.)

5087. BLACKTELLIA *Commers.*

(DC. Prodr. II. 54. — Wlprs. Repert. I. 548.)

1. **BL. CARYOPHYLLACEA** Zoll. & Morlet, System. Verz. der von H. Zollinger auf Java gesammelten Pflanzen p. 33. — Arborecens: foliis ovalibus obtuse acuminatis crenatis glabris; racemis axillaribus simplicibus compositisve; floribus polyandris 5-stylis, lobis calycinis 5 extus et ad marginem parce pubescentibus, lobis corollinis

- (petalis) 5 extus subtomentosis. /) — Flores albi. — Crescit in sylvula prope Tjikov.t juxta rivulos in Java insula.
2. *BL. (PYTHAGOREA E. Meyer mss. in Drége Hb. a. Cap.) RUFESCENS Prsl. Dot. Bmrkngn. p. 42. — Species indescrita Capensis.

Ordo LZTL CHAILLETIACEAE R. Br.

(DC. Prodr. II. 57. — Wlprs. Repert. bot. syst. I. 549. II. 829. V. 408.)

5759. CHAIIXETIA DC.

(DC. Prodr. II. 57. — Wlprs. Repert. * I. 549. II. 829.)

1. CH. FLORIBUNDA Planchon in Hook. Icon, plant, tab. 792. — Ramls pube brevissima cinereis; foliis maguis oblongis breviter acuminatis, utrinque acutis obsolete* sime subrepando-denticulatis vel integerrimis glaberrimis reticulato-venosis rigide membranaceis; cymis axillaribus multiQoris breviter pedunculatis petiolo pluries longioribus calycibusque subsericeo-cinereis; staminibus longe exsertis petalisque glaberrimis; stylo inferne plloso staminibus subaequali. \) — Ramuli graciles obtuse angulati. Folia 6—9 poll, longa, 2% —3%£ poll, lata, petiolo semipollicari costaque media subtus prominente nigro-rubrescentibus, pilis parcis interdum sparsis. Cymae crebrae, supra basin bifidae, ramis iterum conferte divaricato-divisis. Pedicelli vix 1 lin. longi, medio articulati. Kracteolae subulatae minutae deciduae. Flores illis *Corni rubrae* subaequales. Calyx quinquepartitus, laciniis linearibus obtusiusculis, aestivatione leviter imbricatis. Petala unguiculata, calyce subduplo longiora, limbo ungue longiore bipartito, laciniis linearibus. Stamina petala conspicue superantia. Filamenta filiformia recta. Antherae hippocrepidiformes connectivum securiforme marginantes minutae. Ovarium tomentosum. Stylus filiformis, basi sensim crassior, apice brevissime bifidus, laciniis leviter inaequilongis, apice subincrassatis stigmatlicis. — Crescit in Insula Fernando Po.

Ordo LXVII. AQUELARINEAE R. Br.

(DC. Prodr. II. 59. — Wlprs. Repert. bot. syst. I. 549. V. 409.)

2210/j. LEUCOSJHIA Bnth.

(Wlprs. Repert. °V. 411.)

1. *L. BURNETTIANA Bnth. — (Wlprs. 1. c. no. 1.) — Bnth. in Belch. Voy. of the Sulphur p. 177. tab. 57.

Ordo LXVin. ANACARDIEAE Undl

(Wlprs. Repert. bot. syst. I. 549. II. 829. V. 411. — *Terebinthacearum* trib. I. e¹ II. DC. Prodr. II. 02. et 65.)

5899/^ ANISOSTEITION Turczan.

(Turczan. Bullet, de Moscou XX. 152.)

- Calyx profunde quinquepartitus. Corollae petala quinque oblong* obtusa, lobis calycinis alterna et majores, aestivatione valvata. Stain¹¹¹

decem omnia fortiter, filifliffintU *ul>nlat.o-fi!!fnrm!bua, hui In nnnulum
 concretj* ilt*nü«, jM-utia oppostii*, plui qunm duple hrcvioribut, au-
 thoris dorso ntiWif pnrvl* 9rtU<l<tI^ biticuUriliun, Innciimlainiter de-
 hiscentibus. <Ji.: Inn uairtnn oaiJecaisrv untevnlnruiii illhiAUiti, nvnlo
 ex nj'icr hwruti [k*ti4tlo> Sl*k«» rjliwirirni Inn^itudlne ovarrt, SA gna
 M:\ta\i it'll 'Him. — Ktix/t sra frut c\i f*U* titgtuU Uffti pttitilatis gla-
 brin. fpi.ni.* nt^nii ftt^ulity pttiwuitil' (tttini, >>>«(attenuatis, apice
 breviter et obtuse acuminatis. Paniculae axillares foliis breviores rufo-
 pubesce JIIM. h'lvrn ruU-Jli {i*rvL i*r*cr* iftini* /'1 ,,t r l V<lnuocar-
 yfei hliiruriili libcria *6t[tt*ltbu Mi p u w ivnjDhJihu«. Mfifl pinnatis
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'A Tft> III i III % hpt(ki. — CM0f4i la L(uMJao IMUI&I! provin-
 cia Albay.

5903. *i III hit

(Bl. V. 412.)

Scr.) VI. 303. — Ramulis, pe-

ditis paniculae «M< n<t<flifl !...» <*... frrrH,;IH-i^ . f.lil> ttl—trijj;ii ruiti impari,
 MM iji alit—^H *fc|<^yjn r ,)4At rulutnUtJH, a> LUL' jnu'Lik.t-Jjy ncamL
 xal' supra glabris, subtus tomentoso-ferruginis] fructi tUlm», (f — Crwdi ad
 Champal (Bodiodi) St«»'M ffr— iff

2. M. PERREULA Talbot I. c. 303. ? — fuJii* »lmj>lk<|fm* t>| nti—lfijuKi* ittai im-
 pari, foliis ovatis crato-oblongis seu oblongis, obtuse breviter acuminatis, basi ex-
 fundatis; panicula terminali laxa, ramis pubescentibus, b - Species prae
 reliquis jam evulgatis M. Antropogonae H. B. Kth. pauper, sed distincta. — Crescit
 in provincia d* ft* AMI* 5*TM ^IH, haud procul a San Miguel, ad altit.
 2000 metr. supra Oceanum ripas.

3. M. BIRINGO Talbot I. c. 303. ? — Glaberrima: foliis ovatis trijuga cum impari,
 foliis oppositis crato-oblongis seu oblongis, obtuse breviter acuminatis, basi ex-
 fundatis; panicula terminali laxa, ramis pubescentibus, b - Species prae
 reliquis jam evulgatis M. Antropogonae H. B. Kth. pauper, sed distincta. — Crescit
 in provincia d* ft* AMI* 5*TM ^IH, haud procul a San Miguel, ad altit.
 2000 metr. supra Oceanum ripas. Aitml 4* !»Mr» Hernandez.

5905. RHUS Linn.

(DC. Prodr. II. 86. — Wipra. Repert. I. 311. II. 320. V. 414.)

I. KB. PTEROT\ rnl. Bolan. Bemak. p. 41. — Difert a Rh. longipila Eekl pe-
 tiflu *liii% i Dtifakt* LnrftU MI

ramis non mucronatis, lateralibus oblongo-lanceolatis, basi inaequilateris,
 racemis petiolo brevioribus aut aequalibus. Flores quatuor. Drupa globosa stylo
 mucronata, magnitudine Pisi minoris. ? — Crescit in Promontorio bonae spei.

2. RH. TENUFLORA Presl. I. c. 41. — Ab aetate Rh. pyramidi difert ramis ferrugineis gla-
 bris, petiolo in ramulo brevioris, foliis glaberrimis petiolis venis terminalibus co-
 riacis, medio obovata reflexa mucronata, basi longe angustata, lateralibus oblongo-
 lanceolatis obtusis mucronatis, medio late duplo brevioribus. Paniculae axillares
 et terminales glabrae tenues ramulose multiflorae, petiolo circiter pollicari longiores,
 Flores parvi (Presl. p. 41). Promontorio bonae spei.

3. *RH. EKIANA I'ttL 1. *. — Rh. pendulata Eckl. & Zeyh. Enumer. pl. Cap.
 no. 11>J, i-ae Jcg. — Species indescripta Capensis

4. — Aetate Rh. cirrhiflo-
 rae, kcl clrtfjl In>I, caulis tiuU Mjtilirrii, jil'lj-
 descripta Capensis.

5. *RH. MEYERIANA I*"J. I. < — Drège Hb. fl. Ca-
 scripta Capensis.

6. • RH. KREBSIANA Prsl. 1. c. — Krebs PI. Cap. cxs. no. 70. — Species Indescripta Capensis.
7. *RH. SUBFERRUGINATA Prsl. 1. c. — Drege Hb. fl. Cap. no. 6796. — Species Indescripta Capensis.
8. *RH. LAVANDULAEFOLIA Prsl. 1. c. 42. — *Rh. rosmarinifolia* Sieb. Hb. fl. Cap. no. 217. — Species Indescripta Capensis.
9. • Rn. CRASSINERVIA Prsl. 1. c. — *Rh. laevigata* /}. E. Meyer mss. in Drege Hb. fl. Cap. — Species indescripta Capensis.
10. MIH. AHGYROPUYLLA Prsl. 1. c. — *Anaphrenium argenteum* E. Meyer mss. (etiam Am.? Cf. Repert. V. 414. no. 1.) — Species indescripta Capensis.
11. *RH. (ANAPHRENIUM E. Meyer mss.) CONCOLOR Prsl. 1. c. — Species indescripta Capensis.
12. • RH. (ANAPHRENIUM E. Meyer mss.) DISPAR Prsl. 1. c. — Drupa carnosa transversim reniformis compressa monosperma. — Species indescripta Capensis.
13. *Rn. SALICIFOLIA Prsl. 1. c. — *Anaphrenium*. . . . Drege Hb. fl. Cap. no. 65S2*. — Species indescripta Capensis.
14. RH. SAMO Tulasne, Ann. sc. natur. (3. Ser.) VI. 367. f — Rnms pubenti-ferrugineis; foliis 5—6-jugis cum impari, spirsis; foliolis oblongis mollibus, breviter acuteque acuminatis, basi rotundatis subsessilibus, subtus pubigeris ferrugineis, Imparis limbo in petiolum longum decurrenti; petiolo communi dense ferrugineo tomentoso; panícula decomposita subcorymbosa pubenti j floribus minutissimis glabris. 'fi — Crescit in Andibus Novae Granatae orientalis, vulgo *Samo* dicta.

5908. IOXOSTYU8 Sprng.

(Wlprs. Repert. I. 555.)

1. *L. ALATA Spr. — Wlprs. 1. c. no. 1. — Prsl. Dot. Bmrkgn. p. 42. — *Anasilhs angustifolia* E. Meyer mss. in Drege Hb. fl. Cap.
- *2. »L. (ANASILLIS E. Meyer mss. 1. c.) LATHOLIA Prsl. 1. c. — Species indescripta Capensis.

5915. MAXGIFERA Linn.

(DC. Prodr. II. 63. — Wlprs. Repert. I. 555.)

1. M. QUADRIFIDA W. Jack, Calcutta Journ. of nat. hist. IV. p. 173. f — Foliis lanceolatis, basi attenuatis; paniculis laxis axillaribus; floribus quadrifidis monandris i petalis medio glanduligeris. tj — *Alsam Kumbong* nomen in patria. — Crescit in Sumatra et aliis insulis illi vicinis.
2. M. CAESIA W. Jack 1. c. 174. f — Foliis rigidis late lanceolatis, basi attenuatis; paniculis terminalibus erectis tomentosis glaucis; floribus monandris; petalis erectis; fructibus oblongis. ljj — *Benjaee* nomen in patria. — Crescit in Sumatra, Malacca.

5916. AXACAIDIUM Rottb.

(DC. Prodr. II. 62. — Wlprs. Repert. I. 535.)

1. A. SUBCORDATUM Pr&l. Bot Bmrkgn. 40. — Foliis ovalibus obtusissimis emarginatave, basi obtusis cordatisve, supremis basi acutis. 'fr — In Brasilia ad Babiam*

5916A. SWINTONIA Griffith.

(Griffith in Du chart re, Revue botanique II. 330.)

Sepala 5, basibus coalita, persistentia. Petala 5, hypogyna, suo fructu clemum ampliata. Stamina totidem, toro cylindrico parum elevato insidentia. Ovarium subaequilateraJe, in apice tori staminiferi sessile* Stylus filiformis; stigma peltato-capitatum. Fructus siccus exstipitatus, petalis araplatis foliaceis suffultus. — Arbor magna resinosa, facie quodammodo *Mangiferae*. Folia lanceolata coriacea. Paniculae axillares terminalesque; flores inconspicui.

1. *SVV. Griffith I. c. % — India orientalis.

5920. **SPONDIAS** *Linn.*

(DC. Prodr. II. 74. — Wlprs. Repert. I. 556. V. 418.)

- . J>|. EDMONSTONEI Hook. fil. Transact. of the Linn. soc. XX. 230. — Foliis glaberrimis imparipinnatis, petiolo superne alato, foliolis 2—3-jugis elliptico-lanceolatis, utrinque angustatis, grosse serratis; racemis particularibus, folio brevioribus; pedunculis pedicellisque gracilibus; bracteis oblongo-linearibus obtusis caducis. %
— Crescit in Albemarle Island.

Ordo LXIX. BURSERACEAE *Kth.*(Wlprs. Repert. bot. syst. I. 537. II. 830. V. 419. — *Terebinthacearum* trib. IV. DC. Prodr. II. 75.)5931. **ELAPHRIOI** *Jcq.*

(DC. Prodr. I. 723. — Wlprs. Repert. M. 558. II. 830. V. 419.)

1. E. TACAMACO Tulasne, Annales des sciences nat. (3. Ser.) VI. pag. 368. — Foliis bijugis cum impari, foliolis rhomboideis lanceolatisve acuminatis, basi acutis, subsessilibus, grosse dentatis glabris; petiolo tereti tenui, superne angustissime marginato integro; panicula pauciramosa floribusque paucis; fructu obovato glabro. \) — Foliolorum forma ad *E. graveolens* H. B. Kth. accedit, dentibus autem acute truncatis nee obtuse rotundatis et petiolo communi vix alato satis discrepat, ut differentiae e flore desumtae omittantur. — Crescit circa S. Martham JYovo-Granatensium, vulgoque **Tacamaco sicut E. Jacquinianum H. B. Kth. audit.**
2. E. INTEGERRIMUM Tulasne l. tit. pag. 369. — Glaberrimum: foliis 3—4jugis cum impari; foliolis oppositis longiuscule petiolulatis ovato-lanceolatisve-oblongis acuminatis obtusiusculis, basi subrotundatis, impari rhomboideo; panicula laxa subraemiformi pauciflora, foeminea brevior. t) — Crescit monte **Qalndtu** Pfovae Granatae, ibique loco Alto de Machin dicto. *

5932. **ICICA** *Aubl.*

(DC. Prodr. H. 77. — Wlprs. Repert. I. 558.)

1. I. GOUDOTIANA Tulasne, Annales des sc. natur. (3. Ser.) VI. pag. 372. — Foliis imparipinnatis 4—5-jugis, petiolo petiolulisque tomentoso-ferrugineis, foliolis oppositis obovato-oblongis lanceolatisve acutis vel acuminatis, margine serratis, supra praeter nervum medium ferrugineo-tomentosum glabratis, postice sparsim pubigeris; fructibus glabris maxime obliquis ovatis mucronatis monopyranis, putamine membranaceo. \) — Foliolis serratis ad *I. (?) serrata* DC. tantum accedit, insuper fructus Structura cum plerisque speciebus genuinis integrifoliis admodum convenire videtur. — Crescit in valle Orinoci superioris.

5941. **PICHAMNIA** *Sivrtz.*

Genus a cl. PLANCHON nuperrime ad SIMARUBEAS relatum.

Ordo LXIX³. JUGLANDEAE *DC.*

(Endl. Gener. pi. p. 1125. et Suppl. HI. p. 99.)

5890/. **FORTUNAEA** *Lindl.*

(Lindl. Journ. of the hort. soc. I. 150. c. ic.)

Plores amentacei monoici; amenta mascula lateralia caudiformia erecta, achlamydea, squamis foliaceis intus hirsutis (albis V), basi tetran-

dris, foeminea terminalia, e s qua mis dense imbricatis erectis unifloris mucronatis glabris constantia. Calyx superus quadridentatus. Corolla 0. Ovarium uniloculare compressum dipterum, ovulo solitario erecto, stylo brevissimo, stigmatibus duobus linearibus patentibus. Strobilus oblongus, e squamis duris patentibus mucronatis pubescentibus constant. Noces parvae compressae dipterae, putamine crustaceo fragili, basi obliquae intrusae. Semen unicum erectum cordatum, cotyledonibus lobatis complicatis, radícula supra protrusa.

I. F. CHINENSIS Lindl. I. c. (c. ic.) — Ardor (?): foliis pinnatis quadri— quinqujugte cum impari, foliolis ovato-lanceolatis biserratis. t) — Crescit in China ad Clusau et Ningpo.

Ordo LXX. CONNARACEAE R. Br.

(Wlprs. Rept. 1. 5U1. V. 420. — *Terebinthacearum* trili. VII. DC. Prodr. II. 84.)

5953/., RICIOSTACIIS *Planchon.*

(Planchon in Hook. London, jouru. of bot. VI. 29. adn.)

Calyx quinquepartitus, laciniis oblongis membranaceis coloratis, aestivatione imbricatis. Petala quinque lineari-oblonga tenera lutea. Stamina decem subaequalia, sub disci depressi margine decemundulato inserta, basi articulata. Filamenta subulata, antherae parvae oblongae bilocularis loculis rima laterali dehiscentibus. Ovaria duo glaberrima, singula supra tuberculum elevatum albidum inserta, subglobosa, antice versus medium stylifera. Styli liberi, stigmatate capitato terminati. Ovula in ovario quoque duo, versus styli insertionem peri trope affixa, collateralia amphitropa, micropyle infera. Pructus . . . V — Arbor Mexicana: foliis alternis imparipinnatis, foliolis 9—11 alternis, breviter petiolatis oblongis cuspidatis, margine revolutis, subtus elevato-nervosis, rhachi inter foliola anguste alata; stipulis semiovatis brevibus sabdistinctis intraaxillaribus; paniculae terminalis vastae ramis distichis patentibus strictis, tertiariis spiciformibus, conferte squamato-bracteatis; bracteis parvis ovatifl concavis, bracteolas duas in axilla foventibus, pedicello duplo brevioribus; floribus eas *Gomphiarum* referentibus.

1, R. BRACTEATA Planchon 1. c. 30. adn. — Rami cylindrici, sub foliis lineis tribus parum elevatis e lateribus et dorso petioli decurrentibus angulati, epidermidu brunnea, lenticellis crebris punctiformibus, ei concoloribus exasperata. Folia (suprema) respectu paniculae brevia; rhachis communis 3—4 pollicaris, foliola oblonga, 1% — " poll, longa, subdimilio lata, basi subaequalia subobtusa, apice saepius acuminata, margine integro revoluta, obsoletissime undulata, chartacea, sicca fragilia, supra pube brevissima, tactu tantum perceptibili induta, subtus imprimis secus reticuli¹¹ iiervorum venanisque elevatum puberula et intra nervos granulis minutissimis albu¹⁵ crebre conspersa. Stipulae brevissimae, in axilla petioli semiconditae, gemmulai» eis parum longiorem stipantes. Panicula sesquipedalis, axi primario hinc illinc ramos paucos patentes, iterum ramuliferos distiche exserentes, apice in racemulos spiciformes confertiuscule diviso. Racemi floridi 1—3-pollicares stricti, inter flon* subflexuosi; bractee parvae semiamplectentes ovatae concavae scariosae, margin' subnmbriolatae, dorso cinereo-pubescentes; bracteolae 2 bractee subconformes, ⁴ⁿ ejusdem axilla sessiles. Pedicelli vix 2 lin. longi glaberrimi, calyx verisimilit¹⁷ persistens, laciniis basi marginibus parum imbricatis, extus & ab apice puberulis brun-

nets, intub glabris vlrldi lines* mtibus, petala cal>cc subduplo Ion^ioi i, l\ > III
louga, vix 1 III 1 <ta, situl ^rmtalia, glabemma. Flores odon flavi.

5952. ELRYCOITIA *H\ Jack.*

Genus ad SIM\RUBK\S lelatura

Ordo LXXL LEGUMINOSAE *Jnss.*

>L Piotli II 03. — YVlpis. Itepert. hot. syst. I 562. — 912 II 831 V. 422)

Subordo 1. *PJAVMMJMOJVACXAM* Knndl. cl llnth.

Tribus 1. *PODALYRIEAE* Bntli.

Subtnbii* 1 *EUPODAL} IUEAE* Bntli.

6432. *CHKTIPIHOLODIHW* *Sm.*

(DC. Piodr. II. 105. — Wlpis. Repert. I. 508. V. 4*25)

- 1 M. ISMtim.KKUM DC 1 « m> 1 - P.vxton, Magaz. of bot. 1S47. p 221.rc.it)
2. *G. VENUSTUM K. Br. — i)< I < 106. no. II. — Hook. Bot. Mag. t. 4238.
3. *G. VHSICOLOR11 Lmdl. — W Ipis. 1. c. I. 569. no. 10.— Hook. Bot. Maga/. t.4179.
4. *G VIRGATIJM Sieb. — DC. 1. c 105. no. 3. — Ann. de la SOL. d hortie et de bot th IM itid II 2S3. t. 73.

Sublnbus II. *PVLTENEABiBnlh.*

6433 *BURTOMA JI. fir. %*

(DC. Piodr. II. 106. — Wlprs. Kepert. I. 569. V. 426.)

t MI SESMLIOLIA DC. 1. c. no. 2. — l>ar.idis. Vindob. Us>i k\ \ <c ic)

6435. *DA VltSIA* *Sm.*

(DC. Prod. II. 113. - Wlprs. Kepert. I. 569. II. 832. V. 427.)

- 1 *D PIYSODES A. Cuun. — Wlprs. 1. c. I. 570. no. 4. — Hook, Bot. M-ga/. tab. 4244.

6436. *VIIITHVAHIA\ S'///,*

(DC. Piodr. II. 107. — WJpis. Itepert I. J7I. V. 42*)

1. *V. DtNUDATA *Sm.* — DC. 1. c. no. 1. — Paxton, Maga^ of bot. 1847. pag 123 (ũ ic)

6441. *UILLWVMA* *Sm.*

(DC Piod. II IW — Wlpis. Ktpert. I. 572. II 832 V 430)

- 1 D. (*Dillmya&trwn*) SGAHItA Stbkhtd. Lumaea XX. GOG i — Itamuh et folia erecto patentia (baud torta) teretia obtusa hispidula, dejectib pilis adulta tuberculosa sea bit, (orymbi termmales pedunculati pauci ct densillou, taljcibus pube&ccntibus. /) — Sine dubio proxima e&t D. *phylicaefoha* A. Cunn. — Ciestit in Nova Hollands australi, Barossa Range.

6442 *ELTAXIA 72. Br.*

(DC. Prdi II. 109. — Wlpn. Kepert I. 573. V. 430.)

- 1 I.U KMPHllill OLIA SebMitd. Linnata XX. 607. † — Rami patentis, i'», i <to patula elliptuo lintaria eneivia, dorso convexa, facie contava obtusa glabra, floies solitam axillaies *ub calyte bibiacteati, caljcis niai^me ciliati labio buptio acute bidentato, uifeiioris latius anguste et acute trian^ulaiibus. \) — Crescit in Nova Hollandia austral i.

64*3. **QASTROLOBIOI R. Br.**

(DC. Prodr. II. 110. — Wlprs. Repert. 1. 573. V. 431.)

-). * i.; VILLOSUM Bnth. — Wlprs. 1. c. I. 573. no. 2. — Lndl. Bot. Regist. 1847. (a!). 45.

Subtribus III. MIRBELIEAE Bnth.6448. **HIRBEUA Sm.**

(DC. Prodr. II. 114.— Wlprs. Repert. 1. 573. V. 433.)

1. *M. GRAMMIFLORA Ait. — Wlprs. 1. c. I. 576. no. 2. — Prsl. Bot. Bmrkngn. p. 44. — *Platylobium? reticulatum* Sieb. Hb. 11. Nov. Holl. no. 371. — *Chorizema? platylobioides* DC. 1. c. 103.

Tribus II. LORJB4E.DC.Snbtribus I. **GENISTEAE DC.**6459. **RAFMA Thnbg.**

(Wlprs. Repert. I. 578. II. 833.)

1. *R. MYRTIFOUA Prsl. Bot. Bmrkngn. p. 44. — *R. elliptica* Sieb. Hb. fl. Cap. no. 51. — Species indescrpta Capensis.
2. *R. MEYERIANA Prsl. 1. c. — *R. cuneifolia* E. Mey. Comm. I. 12. (nee Thnbg.)
3. *R. LAJVCIFOLIA Prsl. 1. c. — *R. lancea* ^Mey. Comm. I. 12. (nee Thubrg.)

6466. **LATHIRIOQVXK Eckl. et Zeyh.**

(Wlprs. Repert. I. 582.)

1. *L. CANDICANS Eckl. et Zeyh. — Wlprs. 1. c. no. 2. — *Heydusa candicans* Prsl. Bot. Bmrkngn. p. 45^—

4 6472. **CROTALARIIV Linn.**

(DC. Prdr. II. 124. — Wlprs. Repert. I. 583. II. 835. V. 435.)

1. ^R. DISTICIA Zolling. in Flora (B. Z.) 1847. p. 694. — Locus inter *Cr. bifloram* et *Cr. Rothianam*. Prostrata: stipulis reflexis; foliis bifariis, breviter petiolatis, late ovalibus mucronulatis, basi oblique subcordatis, petiolo, caule calyceque pilosis i pedunculis oppositifoliis, folio suo longioribus, 2—6-floris; leguminibus oblongis calyce paulo superantibus glaberrimis cr. 20-spermis. Corolla flava. \) — Crescit in planitie austro-orientalis agris incultis Javae. .
2. CR. SAXATILIS Zollinger 1. cit. — Flavescens-sericea: caule supra basin ramoso, ramis ascendentibus; foliis petiolatis linearibus acutis nitentibus; calycis lobis superioribus usque ad apicem connatis j leguminibus subglobosis, calyce brevioribus glaberrimis; stipulis nullis (?); racemis erectis laxifloris. \) — Calyx appresse ferrugineo-pilosus, corolla flava. — Crescit in saxosis prope Malang Javae orientalis cc. 1200. p. s. m.
3. CR. LEPTOCLONA S. Schauer, Linnaea XX. 737. f — Caulibus e radice multicapite multis ramosissimis j ramis diffusis decumbentibus filiformibus hirsutis j stipulis nullis} foliis simplicibus ilistichis brevissime petiolatis ellipticis obtusis vis mucronatis utrinque sericeo-hirsutis; pedunculis oppositifoliis 1—3-floris; calyce hirsuto, lanceolatis acuminatis corollam subaequantibus j legumine oblongo polysperm⁰ glaberrimo. \) — Mexico.
4. CR. Zollinger, Flora (B. Z.) 1847. p. 693. — A. *Cr. semper fl orente* vi^{*} differt, nisi caule foliisque magis puberulis. — In regione montana inferiore et collina haud occurrit, ut liaec, sed superiorem regionem montium inhabitat et crescit in montosis Tengger 3—7000' Javae orientalis.
5. CR. ARENARIA Zollinger, Flora 1847. p. 694. <nec Bnth.) — Intermedia inter *Cr. tectam* et *Cr. Novae Hollandiae*. Adresse sericea: caule supra basin ramosissimⁱ striato; ramis strictis -, foliis sessilibus obovato-linearibus mucronulatis, superioribus

angustionibus, supia punctatis, subtus sencws, racenus tenmalibus putuDoris sub
'secundis, legumimbus calyce duplo longioribus, st^li rudimento obtuso coronatis
glabns b — istipulae nullae (caducae ?), calyx et corolla lujea, extus sencei. —
trescit in arenosis vulcaucis ad montes Ider Ider (Tengger) Javae orientalis cc.
7000 s. m

CR PUBERULA Hook. fil. Transact of th* Linn soc XX. 225. — Ramis junion
bus foliisque sub lente puberulis, caule suberecto Tamoso, stipulis parvis setaceis,
folus trifoliolatis obovatis obtusis, racemis oppositifolus brevibus paucilloris, co
rolla Ys unc longa, legumimbus subhexaspermis oblongis glabnuscus. t) — Cre
scit m Ch tries Island.

7. CR POEPIOH Prsl. Botan Bemerk. p 123. - Fruturosa stipulis mmutis fugaci-
bus, folus trifoliolatis, foliolis lanceolato elhpticis, utnnque acutis, subtus adpresse
pubescentibus, jumoribus senceis, ratemis oppositifolus multifloris, folio dtmum
longioribus, btacteis setaceis viedicello medio bibracteolato brevionbus, calycis
lacnus linean lanceilatis angustato acutissunis, tubo duplo longionbus. \) — Cre
scit in convilibus humidis CubaL ad Sumidero.
8. CR ERIOtVULA S Sdiauer I c 738 -J — Annu erecta caule, petiolis, pedunculis
stipulisque villosu hirsutis, stipulis scctteis patentibus conspicuu, folus longe petio
latis, foliolis terms substssilibus paulo maequalibus subrolundo obovatis, basi atte
nuatis obtusissimis submuonatis, mir^ine nervoque medio subtus pilosis, caeteroquin
glabns, ractmis terminalibus latei ilibusque laxe pauciflons, talyus pilosi lacinus
lanteolato bubulatis acutis, Corolla duplo brevionbus, canna margine laiiata, legu-
mine polyspermo ventucoso sericeo hirsuto 0 — Crescit in Mexico, ad urbem Tula.

f Icones addendac.

- CR. BARBATA Grah (Repert. I. 588 no 6. * V. 439 m. 51) — W^ht Icon plantar.
t. 980 et Spicil Neilgheir I. 43. t. 52 *4
- CR FORMOSA Grab. (Repert. I. 585. no. 22 et Emend. * V. ^9. no. 41) Wght. I.1.
c c. t mi. et tab 53
- CR. NOTONII Wght et Arn (Repert I. 588 no. 49. et Emend *V.446* no. lib) A\ _ht
Icon plant t 732.
- *%CR. RUUGINOSA Willd. - (Rtpeit. I. 583. no 1. * V. 437. no. 17.) Wght. Icon, plant.
t. 885
- CR VEURUCOSA Linn (Repert. * V 439 no 53) — Ann. de la soc. d'hortic. et
de bot de Gand HI 01 t 118.
- CR. WALLICHIANA Wpht et Am. (Repert I 586 no. 32. *V. 439. no. 54) — Wght.
Icon pi t. 982 et Spiuleg JNeilgherr I 43 tab. 54.

6473. LUPINUS Tournef.

(J Agirdh m Wlprs Repert I 595 II 836 V. 452)

- 1 *L. EHRENBERGII Schblchtd — Repert. I. 600. no. 48. — Lindl. Bot Register
1847 t 11
2. L RAMOSISSIMUS Bnth Plant Hartw. p 170. no 952 — Fruticosus, divancatus
v. diffusus canescenti senceus stipulis parvis lanceolato setaceis, foliolis 5—7 pe-
tiolo aequilon^is longionbusve oblongo lineanbus acutis, supra glabns, subtus seri-
(eis, raceino brevi laxo, ilonbussubverticillatis, bracteis caduussimis, talycis sericeo-
villosi labio supenore breviter bid do, inferiore integro, legumine hirsuto 5 — 6-
spermo. l) — Frutex 3—4 pedalis. Pubes brevis, adpressa, in partibus novelhs
mcano v aureo nitens. Stipulae 1—2 hn longae. Petioli raro pollicares Fohola
majora saepe pollicem excedunt. Racemi laxi 2—3 pollicares, in pedunculo 1—2
polhcan Bractee non visae. Flores subterm, verticillis saepe disruptis, coerulei,
magiutudme *L polyphylh*. Pedicelli pubescentes, 2 lm longi. Calycis labium &u
ptnus 3 lin longum, mferius paullo longius. Carina atutissima, eciliata. Legumen
1—iy₂ poll, longum, 3—4 lin. latum, leviter torulosum, non septatum. Semina 2
lin. lata, nunc fusca unicolona, nunc maculato bicolona. — In monte Chimborazo.

3. *L. INTERRUPTUS* Onth. 1. t. p. Hi8.*no. 942. — Fruticosus, elatus, seiiceo-pilosus fuliolis 7—11 petiulo subbretonbus oblongo lanceolatis muironitis, supra sparse subtus deusius senceo pilosis, stipulis longis laiueolato litieanbus, ilonbus vertiulla *tia* in racemo la\o interrupt*), bracteis lain eol ito subuldtis (lores superantibus, pedi cellis cal>ce brevionbus, calycis biacteolati labio supenon breviter bifido, infi i integro, corolla glabra, legumine adpresse villosissimo 4—5-spermo. *fy*— *b* ti—8 pedalis, pill longi, albido sericei v. inteidum fulvescentes mollissimi, m pai turns uov**llis ropiosissimi, in caule petiolisque alu appiessi, alii longiorcs patentes, pe tioli 2—2%-polhcares, stipulae pullicates, setaceo aruniinatae, vix ad medium adna- tae, foliola majora pollicana, lacemus in pedunculo 4—6 pollican semipedahs V. pedalts, mollissime senceo villosus, flores coerulei, migmtudine *L. polyphyllt* Ca- lyces 5 lin. lonm, alae latae vix vexillo breviores, canna alas aequans antice leviter uholata, caeterum glabn. Legumen bipolluaie, <> lin latum, intus non septatum. Semiua 4 lin. lata, umcoloiia — In Paiamo de San Fortunato prov. Bogota.
4. *L. BOGOTENSIS* Birth 1. c. 108 no. 041. — Iiuticosus, adscendens, tcnulssime senceo pubescens. stipulis longiusculis lanceolato-lineanbus acummatis, foliohs 7—9 lanceolatis obtusiusculis mutronatis, supia glabns, subtus tenuiter seiiceis, racemo elongato laxo, flonbus subveiticillatis, bracteis caducissimis, pedicellis calyce paullo brevionbus, calycis bracteolati senceo villosi labio superiore brevitr bifido, infenoie Inlegro, legumine hirsuto 5—G speimo. \) — liutex 3 pedalis. Pubes bievis, ap- pressa, albicans v. fulvesccns, in partibus junionbus sericeo nitens. Petioli sub- bipollicares. Stipulae vix semipollicares, ad teitixm partem adnatae. Foliola nia- jora 2 — 2% pollicana. Raremus in pedunculo saepius brevi b—9 pollicans. Bra- ctcae juniores subcarnosae. Calyces dense sericei, 4 lin. Iongi. *lores coerulei, mignitudtne *L. polyphyllh*. Alae vexillo sublongiores. Canna alas aequans, antice minute ciliolata. Ltgumta- scsquipolhcaie, 4 hn. latum, inter semuia torulosum, non septatum Si niina 2 lin. lata maculata. — In plamtie Bogotensi piov. Puente de Bo/a, altit 5000 ped.
- i. *L. IOLIOLOSUS* Bnth. I. c. p. 170. no. 951. — Suffiuticosus, ramosissimus, adscendens 11\« pilosus' foliohs 7—9 lineal i-oblongisobtusis, supra glabi is, subtus in nervo et mar* gine pilose, pctiolo subbievioribus, flonbus m lacemo oblongo subverticillatis, bra- cteis lanceolatis, calyce tenuissime bracteolati villosi labio supeuore piofuude bifido, infenore integro, legumine molhter piloso sub b spermo. 2]. — Affinis *L. sarmenloso* Caules pedales, basi lignosi diffusi, apice adscendentes crassi subangulati. Pili jon- i patcnes in caule raiiores, in racemo et calyce densiores bieviorecs saepe fulvescerif Stipulae infenores semipollicares, supenores mmoies Petioli 9—12 lin. Ion- loliola majoia 7—9 lin. longa. Racemus in pedunculo brevi 1%—2 pollicans,fiuctift i. longior subinterruptus, biartcae diu persistentes, adpresse villosae. Pedicelh 1 lin, cal>ces fere 3 lin. Iongi, coiolla magnitudine *L. perenms*. Carina birvitei rostrati glabra eciliata. Legumen fere pollicare, non septatum. — In nionte Chimborai'' proptei nives aeternas.
6. *L. PUBESCENS* Bnth. 1. c. p. 169. no. 945. — Peiennis v. suiTiuticosus, pube bre\i patente canescens: stipulis parvis subulatis, fuliolis 7—9 oblongo lanceolatis acutife petiolo brevionbus utrmque pubescentibus, flonbus laxo subveiticillatis, bricteis brcvibus caducissimis, pedicellis calyce brewonhus, calycis minute bracteolati labi'' superiore emarginato, infenore integro, corolla glabra, legumine husuto 4—*' spermo. 2] — Affinis *L. BogoteiM*. Pubes diversa, copiosa, vix in partibus novella sencea. Stipulae raro 2 lin. longae. Flores paullo minores, bracteohs vix conspi cuis, pedicellis 1—1% lin. longis. — In arvis Rumibunba prope Quito.
7. *L. HUMITUSUS* Bnth 1. c. p. IG9.no. 944. — Suffruticosus, ramosissimus prostia tus caule longe senceo piloso, foliolis cuneato-ohlongis obtusiusculis, supia glabn'' subtus junionbus pilosis petiolo subbrevionbus, stipulis petiolo brevionbus, lloribus racemi elongati subverticillatis, calycis (ebracteolati *i*) labio superioie bifido, infeii<>re integro, legumine hirsuto 6—8-spermo. 2]. — Affinis *L. Kunthu*. Caules e basi lignosa herbacei, in terrain prostrati, caepitosl ramosi, semipedales v. paullo longio

- <>. Folioli longiusculi subsericeis, in partibus novellis (opiosi, in caulibus laxi, in foliis « demum fere evanidi. Petioli 4—6 lin. longi. Stipulae ad medium adnatae. Folia majora 4—5 lin. longa, superne linea paullo latiora, crassiuscula. Racemi subbipollicares, verticillis 3—5, irregularibus, subquinqueis. Bracteae caducissimae. Calyces 2 lin. longi. Corollae fere *L. microphylli*. Carina alas superans, glaberrima, eciliata. Legumen 8—10 lin. longum, 2—3 lin. latum, vix torulosum, non septatum. Semina $\frac{1}{2}$ lin. lata, bilineata. — In pascuis ad Hacienda de Chisinche.
- * *L. CAESPITOSUS* Benth. 1. c. p. 169. no. 949. — Suffruticosus, diffusus, sericeo-pilosus: foliis 5—7 lineari-lanceolatis acutis, supra glabris, petiolo multo brevioribus; floribus in spica brevi subverticillatis } bracteis lanceolatis calyce brevioribus; calycis cubebraeolati labio superiore profunde bipartito, inferiore integro; legumine sericeo-piloso 4—6-spermo. 2j. — Pluribus notis cum *L. riipeUri* convcnit. Caules e basi sublignosa semipedales, herbacei, ramosissimi, postrati. Pili sericei undique appresi. Stipulae vix tripollicares, ad medium adnatae, petioli tenues 1—1½ pollirares. Foliola majora 6—8 lin. longa, 1—1½ lin. lata. Spicae breviter pedunculatae, vulgo pollice breviores; verticilli pauci subterminali. Bracteae diu persistentes, concavae, dense sericeae, vix acuminatae. Pedicelli brevissimi. Calyces fere 3 lin. longi, molliter sericei. Vexillum 4 lin. longum, alae oblongae, 5 lin. longae, carina alas vix excedens glabra, eciliata, leviter incurva et vix rostrata. Legumen 6—8 lin. longum, 2—2½ lin. latum, vix torulosum, non septatum. — Hacienda de Antisana altit 13,400—13,500 ped.
9. *L. ASCHENBORNII* S. Schauer, Limbaea XX. 739. f — Annuus: caule erecto folioso, basi ramoso ramisque ascendens cum petiolis tomentosissimis simulque pilosohirsutis; foliis octonis anguste lanceolatis, basi attenuatis mucronato-acuminatis complicatis, utrinque subhirsutis-sericeis, petiolo duplo brevioribus; racemo terminali brevi pedunculato laxo; floribus sparsis breviter pedicellatis; bracteis subultra lanceolatis; calycis ebracteolati labiis longe acutatis in petalo unico infero integro alio duplo brevioribus; leguminibus 6—8-spermis sericeo-hirsutis. © — Crescit in montanis Mexici.

6482. *ASPALATHIS* Lin. (*Prsl.*)

(DC. Prodr. II. 137. — Willd. Repert. I. 009. II. 837. ex p. — Prsl. Bot. Bemerkn. p. 125.)

Calycis tubus obconico-campanulatus, lacinae angustae uninerviae tubo breviores aut subaequilongae. Corolla papilionacea, vexillo divaricato cordato, nervo dorsali crasso (ut plurimum) carinato, carina apice biloba alis sublongiore. Stamina monadelphica. Ovarium oblique lanceolatum triovulatum. Stylus elongatus ascendens, inferne triqueter, superne teres. Stigma capitellatum. Legumen stipitatum cultriforme compressum unisperspermum calyce multoties longius, sutura dorsali tenui acutaque. Semina reniformia compressa. — Frutices aut fruticuli Capenses: foliis ternis trifoliolatis aut evolutione gemmae axillaris in ramulum brevissimum fasciculatis, rarissime simplicibus et teretibus; floribus aut sessilibus axillaribus aut pedicellatis, terminalibus vel axillaribus, corolla coriacea aut petaloidea. — In *A. ahelinu* bracteolae nervo dorsali valido instructae. Transitus ex sessilibus in pedunculatas per *A. secundam* efficitur.

1. *Scssiliflorae* Prsl. 1. c. 125.

Flores axillares solitarii sessiles aut brevissime pedicellati, pedicellis bibracteolatis. Calycis lacinae tubo breviores. Folia fasciculata. 1. *A. spinosa* Lin. 2. *A. horrida* Eckl. et Zeyh. n. 1499. (*A. spinosa* c. Drege pi. Cap.) 3. *A. flavispina* (*A. spinosa* b. et c. Drege pi. Cap.) 4. *A. spineacens* Tlinbg. 5. *A. acuminata* Lam. 6. *A. pun-9*n& Thnbg.* 7. *A. lepida* E. Meyer. 8. *A. lucea* Thnbg. 9. *A. cermiculata* Lam. M. *sanyuinea* Eckl. et Zeyh. u. 1439.) 10. *A. affinis* Thnbg. II. *A. hiatum* Eckl.

et Zeyh. 12. *A. iniqua* Eckl. et Zeyh. 13. *A. albens* Lin. 14. *A. pinguis* Thnbg. 15. *A. abietina* Thnbg. 16. *A. adelpha* Eckl. et Zeyh. 17. *A. subtingens* Eckl. et Zeyh. 18. *A. hiluris* Eckl. et Zeyh. 19. *A. neantkes* Eckl. et Zeyh. 20. *J. ptothria* Eckl. et Zeyh. 21. *A. canescens* Lin. 22. *A. corrudaefolia* Berg. 23. *A. laricifolia* Berg M. *sericantha* E. Mey. est var. foliis duplo longioribus, calycis laciniis subulato-acuminatis). 24. *A. alopecuroides*, E. Meyer f. *setacea* Eckl. et Zeyh. n. 1412). 25. *A. tuberculata* Wlp. (*A. verrucosa* Eckl. et Zeyh. n. 1489). 26. *A. acanthes* Eckl. et Zeyh. n. 1459. 27. *A. argyrea* DC. 28. *A. galioides* Berg. 29. *A. divaricata* Thnbg. 30. *A. retroflexa* Lin. (*Aspalathus* Eckl. herb. cap. un. it. n. 00). 31. *A. leptocoma* Eckl. et Zeyh. n. 1402 (*A. galioides* Sieb. fl. Cap. n. 159. fl. mixta n. 23.). 32. *A. tubulata* Thnbg. 33. *A. microphylla* DC. (*A. divergent* y. *microphylla* E. Meyer et Drege pi. Cap.)? 34. *A. astroides* Lin.

2. *Pedunculatae* Prsl. 1. c. 126.

Flores axillares solitarii pedunculati, pedunculo foliis longiore sub apice bibracteato. Calycis sinus truncati, lacinae tubo aequilongae. Folia fasciculata. — 35. *A. secunda* E. Mey. 36. *A. dicergens* Willd. 37. *A. nivea* Thnbg. 38. *A. suffruticos* DC. (*Acropodium suffruticosum* Desv.)

3. *Simplicifoliae* Prsl. I. c

Flores terminales racemosi vel subcorymbosi aut axillares solitarii pedunculati, pedicellis medio bibracteolatis. Calyx oblique campanulatus, dente inferiore longiore sinibus rotundatis. Folia simplicia teretia aut evolutione gemmae axillaris in ramulum brevissimum fasciculata. Legumina stipitata, eximie cultriformia monosperma. — 39. *A. tenuifolia* DC. 40. *A. corymbosa* E. Mey., Eckl. et Zeyh. no. 1396. (*Lebeckia contaminata* et *Itafnia filifolia* Eckl. Herb. cap. un. et no. 56.). 41. *A. cognata* (*A. corymbosa* DC.) *

6482/j. *PACIYRAPHIA* Prsl.

(Prsl. Bot. Bmrkngn. p. 126.)

Calyx campanulatus aequalis decemnerius usque ad medium quinquefidus, laciniis ovato-triangularibus acutissimis nervo dorsali prominente carinatis. Corolla papilionacea, vexillo divaricato obcordato nervo dorsali crasso carinato et excurrente mucronato, basi in unguem longum angustato, alis carina integra brevioribus. Stamina monadelphica. Ovarium sessile oblique ellipticum compressum triovulatum. Stylus elongatus ascendens teres medio incrassatus. Stigma capitatum barbellatum declive. Legumen sessile breviter cultriforme triquetrum monospermum, sutura superiore seu seminifera incrassata et lata, valvis crassis. Semen reniforme compressum funiculo longo suspensum. — Friticuli Capenses: foliis encriviis teretibus aut triquetris (juniora exsiccatione nervum dorsalem habere simulantur) fasciculatis; floribus capitatis terminalibus, petalis coriaceis, vexillo extus sericeo, leguminis (duplo latioris quam in genuinis *Aspalathis*) sutura seminifera lineata lata. — Differt ab *Aspalatho* genuina calycis campanulati laciniis nervo dorsali carinatis, vexillo basi angustato, stylo tereti medio incrassato, stigmatibus duplo majore barbellato declivi, legumine sessili triquetrum lato, sutura superiore incrassata lataque, valvis crassis. Stylus basi exsiccatione aut compressus aut triquetrum.

1. *P. (ASPALATHUS Thnbg. — DC. Prod. II. 141. no. 51.) TRIQUETRA Prsl. I. c.
2. *P. ZEYHERIANA Prsl. I. c. — *Asp. triquetra* Eckl. et Zeyh. Enumer. pi. Cap. 1480. nee Thnbg. — Species indescipta.
3. *P. (ASPALATHUS E. Meyer, Comm. 53.) PROPINQUA Prsl. I. c. — *A. variegata* Eckl. et Zeyh. ? — Wlprs. I. c. I. 612. no. 44.

6482/2. LAPASATHUS Prsl.

(Prsl. Bot. Bmrkngn. p. 132.)

Calyx campanulatus decemnervius bilabiatus, labio superiore quadridentato, inferiore unidentato, dentibus conformibus. Corolla papilionacea, petalis unguiculatis, vexillo longe unguiculato anguste obovato carina recta emarginata breviora etparallelo, alis oblongo-lanceolatis obtusis, carina brevioribus, basi semicordatis. Stamina 10, monadelpha, tubo superne fisso, filamentis simplicibus. Ovarium ellipticum compressum octo—novemovulatum. Stylus glaber, basi triqueter, apice teres. Stigma terminalc capitellatum papillosum. Legumen elliptico-lanceolatum compressum sessile glabrum reticulato-venosum mono — dispermum. Semen renifonne compressum laeve. — Fruticulus Capensis: ramis sparsis erectis trigonis pubc simplici patentissima villosa; folia breviter petiolata trifoliolata, foliolis lineari-lanceolatis acutis mucronatis integerrimis ciliatis puberulis uninerviis aveniis, tenuiter coriaceis, petiolis uni—bilinealibus; stipulae heterophyllae, altera persistente foliolis conformi et aequilonga, altera fugaci lineari quadruplo breviora; flores capitato-racemosi terminales; pedicelli bi—trineales bracteolis duabus alternis setaceis instructi; calyx herbaceus apice nervisque purpurascens; corolla calycem duplo superans, flava, vexillo uti videtur aurantiaco; legumen carinam persistentem et involucrem non superans, quatuor lineas longum, duabus lineis angustius, sutura seminifera pilosa deinum glabrescente; semen fuscum laeve. — Differt ab *Aspalatho* et a *Buchenroedera* calyce, corolla, stylo, legumine.

1. L. LANCEOLATA Prsl. 1. c. — *Aspalathiu lanceolata* E. Meyer. — Wlprs. Repert. I. 610. no. 13, — *Buchenroedera lanccolata* Prsl. I.e. "47.—In Promontnrio bonae spei.

6*82/3. CYPIIOCALVX JVjrf.

(Prsl. Bot. Bmrkngn. p. 127.)

Calyx campanulatus decemnervius, tubo supra nervo crassissimo calloso in sinum excurrente basi gibboso-saccato, laciniis ovato-triangularibus aequalibus tubo brevioribus aut aequilongis. Corollae papilionaceae petala aequilonga breviter unguiculata, vexillo cordato-orbiculato, nervo dorsali crasso calloso carinato, alis semicordatis carinae integrae aequilatis. Ovarium sessile ellipticum obtusum compressum biovulatum. Stylus elongatus ascendens basi triqueter, superne teres. Stigma capitatum terminate barbellatum. Legumen sessile ellipticum compressum obtusum monospermum. Semen reniforme compressum funiculo umbilicali longo suspensum. — Fruticuli Capenses decumbentes glabri: ramulis teretiusculis puberulis spinescentibus; foliis fasciculatis semiteretibus (exsiccatione inarginibus involutis) obtusis mucronulatis rigidis; floribus axillaribus subsessilibus solitariis, bracteolis lineari-lanceolatis acutis mucronulatis semiteretibus, basin versus nervo dorsali crasso instructis; calycia intus ad faucem villosi nervo superiore rubro sulco tenui longitudinali notato, petalis coriaceis, vexillo rubro, alis carinae flavis, tubo stamineo monadelpho ovarium glaberrimum aequante, stylo tenui deciduo. —* Differt ab *Aspalatho* g^tMiere calycis nervo dorsali calloso crassissimo basi gibboso-saccato, petalis aequilongis, alis carinae aequilatis, ovario sessili elliptico obtuso tubum stamineum aequante. Species duae ab E. Meyer tanquam varietates confusae.

- *. *C. ARIDUS Prsl. 1. c — *A*palathus arida a. erecta* E. Mey. — Wlprs. RepeTt.

!• 613. no. 51. Rum is ascendentibus j calycis laciniis abrupte acuminatis tubo duplo brevioribus; bracteolis obtusis tubo calycis duplo brevioribus -y foliis erectis.

- 2« *C. MAJOR Prsl. 1. c. — *Atpalathus arida* §. *procumbens* E. Meyer. — Wlprs. I. c.

— Ramis diffusis; calycis laciniis angustato-acutissimis, nervo prominente acuto instructis, tubo aequilongis *, bracteolis acutis tubo calycis aequilongis} foliis patulis < »natisque; floribus fructibusque dupln majoribus.

6482/4. FLACJIOSTIGJIA Prsl.

(Prsl. Hot. Bmrkngn. p. 127.)

Calyx canipaiuilatus decemnervius, laciniis ovato-triangularibus, tubo brevioribus, simi obtuso interstinctis. Corollae papilionaceae petala unguiculata, vexillo cordato, nervo dorsali crasso carinato, alis semicordatis carina curvata profunde biloba dimidio brevioribus. Ovarium sessile lanceolatum subobliquim compressum sexovulatum in styluni angustatum. Stylus elongatus ascendens acutus, inferne triquetra, superne teres. Stigma ad apicem styli laterale immersum longitudinaliter lineare. Legumen sessile oblique lanceolatum compressiusculum in stylum angustatum villosissimum trispermum. Semiina reniformia compressa. — Frutex Capensis erectus: ramulis teretibus hirsutissimis; foliis fasciculatis semiteretibus tenuibus obtusis mucronulatis pills albis tenuibus raris villosis, demum glabratis; floribus axillaribus teretibus solitariis breviter pedicellatis pollicariis (inter *Aspalathos* maximis), pedicellis apice bibracteolatis, bracteolis linearibus deciduis tubo calycis duplo brevioribus callum semiglobosum derelinentibus; calyce extus et intus ad faucem hirsuto, vexillo extus sericeo-piloso carinaque aequilonga glabra rubroriaceoque, alis flavis tenerioribus, stylo ovarium aequante, stigmatibus purpureo papilloso in Milculo styli partis infraapicalis immerso. Semina fusca laevia. — Differt ab *Aspalatho* genere praesertim stigmatibus laterali Hnari sulco immerso, legumine sessili lanceolato, deinde vexillo cordato ovato, carina profunde biloba, bracteolis deciduis et callum semiglobosum derelinentibus.

•PL. PINEUM Prsl. I. c. — (*Aspalathus pinea* Thnbg.) — WJprs. Repert. I. M^l. no. 31.

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6482/6. STREPTOSE9I4 Prsl.

(Prsl. Dot. Itirkngn. p. 128.)

fflores respinati. Calyx campanulatus decemnervius, laciniis ovato-triangularibus tubo aequilongis. Corollae papilionaceae petala breviter unguiculata, vexillo infero cordato-orbiculato infra medium bicalloso, nervo dorsali crasso carinato; alis semicordatis carina semicirculariter curvata supera Integra duplo brevioribus. Ovarium sessile cultrato-lanceolatum obtusum, utrinque convexum quinqueovulatum. Stylus elongatus (ovario duplo longior) curvatus acutus teres, basi triquetra, deciduus. Stigma laterale ad apicem styli, oblongum, papilloso-pilosum. Legumen sessile cultratum obtusum convexum dispermum. Semiina reniformia compressa. — Fruticuli Capenses: ramulis angulatis piloso-sericeis; foliis fasciculatis filiformibus teretibus obtusis mucronulatis glabris, involucellis pilis parvis albis adpersis, pulvinis spinam flavescens subulato-teretem gerentibus; floribus axillaribus subsessilibus solitariis flavis, pedicellis apice bibracteolatis, bracteolis setaceis tubum calycis aequantibus; calyce vexilloque extus sericeo-pilosis, callis vexilli satis magnis protuberantibus purpureis, nngue vexilli apice villosissimo, carina striolato-nervosa, legumine calycem triplo superante villosa. — Discedit ab omnibus *Aspalathis* genuinis et reliquis ex *Aspalatho* exstructis generibus vel subgeneribus floribus respinatis i. e. torsione pedicelli inversis; carina Integra semicirculariter curvata, stigmatibus sub apice styli laterali ovali et papilloso-piloso, legumine obtuso convexo. — Carina integra et legumine obtuso ac sessili ad *Cyphocalycem*, stigmatibus laterali et carina

tide curvata ad *Plagiosigma*, legumine cultrato et tubo aequali ad *ispalathum* accedit.

*STR. VERRUCOSUM Prsl. 1. c. — *Aspafuthus verrucosa* Lin. — WJpis. Itt-pert. I. 611. no. 28. — *A. leptophylla* Eckl. et Zeyh.

*STR. HYSTRIX Prsl. 1. c. — *Aspalathiis hystrix* Linn. — DC. Prodr. II. 39. no. 13.

6482/f. PSILOLEPUS Prsl.

(Prsl. Bot. Bmrkngn. p. VIS.)

Calyx turbinato-campanulatus quindecimnervius, nervis quinque primariis elevatis, laciniis subulatis tubo sublongioribus patentibus aequalibus. Corollae papilionaceae petala aequilonga, vexillo obovato in unguem angustato nervo dorsali crassiusculo carinato, carina integra leviter arcuata. Ovarium longe stipitatum lineari-lanceolatum, utrinque angustatum plano-compressum sericeo-pubescentis quadriovulatum. Stylus ovano aequilongius rectus filiformis teres persistens. Stigma terminale capitellatum barbellatum. Legumen longe stipitatum anguste lanceolatum acutissimum, basi angustatum plano-compressum mono — dispersum. Seinina re nigrum compressa. — Fruticuli Capenses ramosissimi inermes erecti *Asparagi* facie: foliis fasciculatis filiformi-teretibus mucronulatis; pedunculis oppositifoliis (nee axillaribus) unifloris cum pedicello articulis, pedicello basi breviter, medio bracteolis duabus, omnibus setaceis suffulto; calycis tubo nervis primariis prominentibus obtusis angulato, sinibus latis truncato-obtusis, nervis tribus ad quamvis laciniam efforinandam concurrantibus, lateralibus tenuioribus; petalis consistentia corollinis (nee coriaceis), vexillo extus sericeo-pubescente; itaminibus ino-nadelphis, tubo supra longitudinaliter fissis; legumine stipiti tereti tenui pubescenti calycem aequanti insidente, pube adpressa minuta densa sericeo, una cum stipite ultrasemipollicari. — Differt ab *Aspalatho* et reliquis generibus aspalathoideis habitu peculiari asparagajdeo, pedunculis extraaxillaribus oppositifoliis unifloris, calyce quindecimnervio, petalis aequilongis, stylo brevi recto, stigmate terminali capitato barbellato legumine longe stipitato lanceolato plano-compresso.

1. *PS. PEDUNCULATUS Prsl. I. c. 129. — *Aspalathus pedunculata* Herit. — DC. Prodr. I. c. no. 80.

2. *PS. BRACTEATUS Prsl. 1. c. — *Aspalathus bracteata* Thuiberg. — DC. I. c. UA. no. 82.

3. *PS. LANATUS Prsl. I. c. — *Aspalathus lanata* E. Mi-y. — Wlprs. Reiert. I. 615. no. OH

6482/t. I»ARASI»AI-ATIL^TS Prsl.

(Prsl. Bot. Bmrkngn. p. 129.)

Calyx campanulatus aut obconico-campanulatus decemnervius, laciniis tubo brevioribus brevioribus longioribusve. Corolla papilionacea, vexillum divaricatum obovatum obcordatum orbiculatumve, alis carina biloba recta aut curvata brevioribus. Stamina monadelphia, tubo superne longitudinaliter fissis. Ovarium sessile ellipticum, utrinque acutum, compressum biovulatum. Stylus filiformis rectus persistens. Stigma terminale capitellatum. Legumen calyce brevius aut aequilongum sessile ellipticum, utrinque acutum, compressum monospermum. Semen reniforme compressum. — Fruticuli Capenses ut plurimum inermes, rarius glabri, plerumque pilosi aut sericeo- aut argenteo-pubescentes: folia ternata aut fasciculata, aut plana, praeter costam mediam pinnatimve aut ternata aut triquetra nervia et ecostata; flores terminales capitati involu-crati vel nudi, aut spicati aut axillares solitarii sessiles; petala unguicu-

lata flava, rarius purpurea, alis discoque vexilli saepe jacobaeis; stylus erectus legumine saepe duplo longior; legumen calyce obtectum, in *P. sericea* in stylum angustatum. — Species plurimae, habitum diversum prae se ferentes. Differt hoc genus ab *Aspalatho* praesertim ovario, stylo et legumine, praeter habitum in *Aspalatho genuinis* numquam obvenientern.

1. Flores capitati aut umbellato-capitati, saepe foliis supremis congestis involucrati. Folia trifoliolata plana, praeter costam mediam subtus prominulam pinnatinervia. Calyx subcampanulatus. Petala coriacea.

1. *I*. (ASPALATHUS Eckl. & Zuyh.—Wlprs. Repert. I. GOO no. 7.) STELLARIS Prsl. 1. c.
2. *P. PSOIALOIDES Prsl. 1. c. — Ramulis angulatis, pube brevi adpresse velutinis; foliis trifoliolatis, foliolis spathulato-lanceolatis mucronatis ciliolatis puberulis, subtus convexis, supra planis, basi angustatis; floribus terminalibus capitatis, bracteis obovato-subrotundis tridentatis, bracteolis setaceis; calycis pubescentis laciniis ovato-subrotundis obtusis, tubo duplo brevioribus, corolla extus sericea. — Foliola basi in petiolum brevissimum angustata, subinde evolutione gemmae fasciculata, obsolete triplinervia; capitula tri — sexflora, bractee calyce duplo breviores bracteolisque subaequilongis pubescentes; calyx campanulatus; corolla flava, vexillo cordato retuso iiermi alis carinaque longiore. — *Aspalathus cytisoides* Eckl. & Zeyh. En um. pi. Cap. no. 1307. (nee Lam.) — Crescit in Promontorio bonae spei.
3. *P. (ASPALATHUS Lam. — DC. Prodr. II. 143. no. 73.) CYTISOIDES Prsl. I.e.— Ramulis turetibus tomentosis, foliolis lanceolatis subobliquis acutis mucronatis puberulis; bracteolis setaceis calycis tubo brevioribus; calycis villosi laciniis lanceolato-triangularibus acutissimis, tubo longioribus; petalis extus tomentosis. — Crescit in Promontorio bonae spei.
4. *P. (ASPALATHUS Thnbg. — DC. 1. c. 142. no. 65. — Wlprs. 1. c. 610. no. 12.) CINEREA Prsl. 1. c. — Ramulis teretibus tomentosis, foliolis lanceolatis subobliquis acutis mucronatis cinereo-tomentosis; bracteolis setaceis, calycis tubo longioribus; calycis villosissirai laciniis anguste lanceolatis acutissimis, apice ustulatis tubum aequantibus; petalis extus tomentosis.
*P. (ASPALATHUS Eckl. & Zeyh.) SPATHULATA Prsl. 1. c. — *Asp. securifolia* §. *spathulata* Wlprs. 1. c. 610. no. 15.
6. *P. rASPALATHUS Eckl. & Zeyh.—Wlprs. 1. c. 610. no. 15. excl. var. (5.) SECURIFOLIA Prsl. 1. c.
7. *P. (ASPALATHUS Eckl. & Zeyh. — Wlprs. 1. c. 609. no. 9.) PLUKENETIANA Prsl. 1. c.
8. *P. (ASPALATHUS Eckl. & Zeyh. — Wlprs. I. c. 611. no. 24.) STENOPHYLLA Prsl. 1. c.

2. Flores aut capitati aut spicati aut axillares, nunquam involucrati. Folia trifoliolata rarius quinquefoliolata, plana, praeter costam mediam subtus magis minusve prominulam enervia, subinde evolutione gemmae axillaris fasciculata, subinde in ramulis novellis simplicia. Petala ut plurimum extus sericeo-pilosa corollina.

9. *P. (ASPALATHUS E. Mey. — Wlprs. 1. c. 611. no. 20.) PURPURASCEISS Prsl. 1. c.
10. *P. (ASPALATHUS Eckl. & Zeyh. — Wlprs. 1. c. 609. no. 2.) ELONGATA Prsl. 1. c.
11. *P. (ASPALATHUS E. Meyer. Comm. 41.) ASCENDENS Prsl. 1. c.
12. *P. (ASPALATHUS E. Meyer. — Wlprs. 1. c. 609. no. 5.) PROCUMBENS Prsl. I. c. — *Asp. stachyera* Eckl. & Zeyh. — Wlprs. 1. c. 609. no. 4.
13. P. HUMIFUSA Prsl. 1. c. 133. — Caulibus diffusis ramisque angulatis; foliis trifoliolatis hinc inde fasciculatisque, foliolis obovato-spathulatis mucronato-splnulos^{is} ramulisque pube adpressa brevi sericeis; capitulis ovalibus; bracteolis lineari-setacc^{is} hirsutissimis; calycis hirsutissimi laciniis anguste lanceolatis acutis, tubo campanula^{to} aequilongis erectis; petalis calyce dimidio longioribus extus velutinis.) — ~~sericea~~^{bilinea} bilinea erecto-pateitia coriacea, subinde evolutione gemmae axillaris fasciculata i

- bracteolae calyce breviores, flores ill s *P. (Aspalathi) procumbentis* paulo minores, corolla flava, vexillo macula fusco purpurea insignito. — *A* p. procumbent* Eckl. & Zeyh. 1. c. no. 1384. — In Promontorio bonae spei.
14. p (ASPALATHUS Prsl. 1. c. 135.) SCHOLLIANA Prsl. 1. c. 129. — Decumbens villosa cineiascens ramulis angulatis, folus trifoholatis, foliolis lanceolatis acutis acquilibus, floribus in spicam ovatam congestis, bracteis ovatis atutis, calycis tubo longioribus, bracteolis lanceolatis calicem aequantibus, corolla extus sericeo-pilosa. — Fruticulus multirameus: ramis glabratis, foliola semitertiam usque quatuor lites longia, ramulorum stentium duplo breviora, plana, subtus uninevia, spicae pollicares * calyx duas lineas paululum superans, corolla calycem fere duplo excedens, vexillo suborbiculato canna alisque longiore, alis carinam superantibus, stamina monadelphica; oianum calycis tubo aequilongum sessile ovato-ellipticum compressum, stylus filiformis, stigma capitellatum, legumen ignotum — Affinis *Paraspalatho (Aspalatho) procumbentis*. — In Promontorio bonae spei.
15. »P. (ASPALATHUS E. Mey. - Wlprs. 1. c. 609 no. 3) JACOBAEA Prsl. 1. c.
16. *P. (ASPALATHUS Thnberg. — DC. 1. c. 142. no. 55) HETEROPHYLLA Prsl. 1. c.
17. *P. (ASPALATHUS Thnberg. - DC. 1. c. 142 no. 60) VIRGATA Prsl. 1. c.
18. *P. (ASPALATHUS L. — DC. 1. c. 142. no. 59) ARGENTEA Prsl. 1. c.
19. *P. (ASPALATHUS L. — DC. 1. c. 142. no. 61) PILOSA Prsl. 1. c.
20. *P. (ASPALATHUS Thnberg. Pidr. 123) VILLOSA Prsl. 1. c.
21. *P. (ASPALATHUS Thnberg. — DC. 1. c. 142. no. 62) LOTOIDES Prsl. 1. c.
22. *P. (ASPALATHUS E. Mey. — Wlprs. 1. c. 609. no. 11) LEUCOCEPHALA Prsl. 1. c. 130
23. *P. (ASPALATHUS Thnberg. — DC. 1. c. 142. no. 64) SERICEA Prsl. 1. c.
24. »P. (ASPALATHUS E. Mey. — Wlprs. 1. c. 611. no. 25) AEULEA Prsl. 1. c.
3. Flores breviter spicati aut axillares solitarii pedicellati aut umbellati (apitatis, nunquam involucri. Folia trifoliolata triquetra aut semiteretia nec composita nec nervos exhibentia. Calyx campanulatus tenuissime decemnervius. Petala coriacea, in *P. auiuhni* corollata.
25. P. FAGONIOIDES Prsl. 1. c. 130 — Ramulis teretibus pubescentibus, folus trifoholatis, foliolis linearilanceolatis triquetris obtusis mucronatis, floribus terminalibus breviter spicatis folisque glaberrimis, bracteis lanceolatis, bracteolis triquetris ad apicem pedicellae brevissimi, calycis lacinis ovato-triangularibus acutis uninerviis, tubo turbinate campanulato brevioribus, petalis subaequilongis. — Foliola tres lineas longa patentia aequilonga glauca, pulvis vix conspicui, pedicelli vix semilineales, bracteolae calycis tubum aequantes bracteaque acutae, corolla flava glaberrima. Ab *Aspalatho callosa* distinctissima species. Ad *A. callosam* pertinet quod synonymum *Sarcophyllum carnosum* Sieb. a Cap. n. 237/3 nec Thnberg. — « *Asp. callosa* Eckl. et Zeyh. no. 1373. (nec alior.) — In Promontorio bonae spei.
26. P. CROCEA Prsl. 1. c. — Glaberrima folus trifoholatis, foliolis triquetris aculeato-mucronatis, lateralibus medio duplo brevioribus, (inter quos axillaribus terminalibusque solitariis breviter pedicellatis, pedicellis apice bracteolis duabus setaceis instructis, calycis lacinis lanceolato-subulatis erectis uninerviis mucronatis, basi ciliolatis, tubo aequilongis, vexillo obovato, alis canna angustata falcata duplo brevioribus. — Itaque angulati rubri, pulvis foliorum obtusi, pedicelli circiter lineam longi, bracteolae setae aequales aut inaequales tubum calycis aequantes, talia. intus pubescens, corolla cinereo-flava, ovanum sessile oblongo-lanceolatum compressum puberulum, basi umbraculatum, stylus filiformis glaber, stigma capitellatum. — *At p. retroflexa* Eckl. et Zeyh. no. 1397. — In Promontorio bonae spei.
27. *P. (ASPALATHUS L. — DC. Prodr. II. 143. no. 70.) CALLOSA Prsl. 1. c.
28. *P. (ASPALATHUS Eckl. & Zeyh. — Wlprs. 1. c. 011. no. 34.) FILICHAULIS Prsl. 1. c.
- *» *P. (ASPALATHUS E. Mey. — Wlprs. 1. c. 616. no. 101.) ACICULARIS Prsl. 1. c.
- tt. *P. (ASPALATHUS Eckl. & Zeyh. Enum. 1375.) ERYTHRODES Prsl. 1. c.
31. »P. (ASPALATHUS L. — DC. 1. c. 140. no. 30.) CARNOSA Prsl. 1. c.

4. Flores terminales capitati, bracteis obovatis palmatinerviis involucrati. Folia fasciculata teretia acuta mucronata. *Calyx* campanulatus, nervis quinque primariis elevatis. Petala coriacea, carina falcato-curvata.

32. P C API 1 ATA Prsl. 1. c. — *Aspalathus capitata* Thunberg. — DC. 1. c. 138. no. 7.

5. Flores aut terminales capitati vel spicati aut axillares solitarii. Folia fasciculata triquetra aut teretia. Calycis tubus campanulato-obconicus, lacinae tubo longiores subulatae. Petala coriacea aut coroliina, vexillo parum divaricato, carina leviter curvata.

33. • P. (ASPALATHUS Eckl. & Zeyh Enum. no. 1473.) MEYERIANA Prsl. 1. c. UO.

34. * P (ASPALATHUS E Meyer. — Wlprs. 1. c. I. 611. no. 32.) GALEAIA Prsl. 1. c.

35. *P. (ASPALATHUS L. — DC. 1. c. 141. no. 48) ARANEOSA Prsl. I. c.

36. *P. (ASPALATHUS Eckl. & Zeyh. Enum. no. 1474) SIMSIANA Prsl. I. c.

37. P. CANCELLATA Prsl. 1. c. — Folus fasciculatis ternatisque setaceis senuteretibus mucronulatis cauleque hirsutis, demum glabratis tuberculato scabris, flonbus terminalibus capitatis, foliis supremis involucri, calycis litmus subulatis arutissimis mucronatis cancellato lursutis tubo triplo longioribus, petalis longe unguiculatis, vexillo obcordato, nervo dorsali crasso mucronato extus sericeo pubescenti, basi limbi bicalloso, alis semicordatis carina obtusa emarginata brevioribus, stylo filiformi elongato, legumine elliptico compresso monospermo, calycis tubum vix dupio superante. i) — Affinis *P. araneotae*, sed folia breviora nervis filiformia, corolla calyce dimidio fere longior, vexillum brevius mucronatum — Calyx decemnerviis, petala tenuiter coriacea parallela, vexillo nempe alis circumplexantibus non divaricato, cillis basilicis tubus fasciiformis pilorum eminentibus, lemnibus sutura superiori filiformis, sicut in lemfoime. — *A. araneosa* E. Meyer, (nee L.) — In Promontorio bonae spei.

38. *P. (ASPALATHUS Etkl. & Zeyh. Enum. no. 1422) CERRHAIMHA Prsl. 1. c. — *A. spicata* E. Meyer (ex p.)

39. *P. (ASPALATHUS Andr. — Wlprs. 1. c. 612. no. 42?) GLOBOSA Prsl. 1. c.

40. *P (ASPALATHUS Thunberg. — DC. 1. c. 141. no. 50.) CEPHALOTES Prsl. 1. c.

41. *P (ASPALATHUS Thunberg. — DC. 1. c. 139. no. 14) SPICATA Prsl. 1. c.

42. *P (ASPALATHUS L. — DC. 1. c. 140. no. 2C) NICRA Prsl. 1. c.

43. *P (ASPALATHUS Eckl. & Zeyh. Enum. no. 1432.) MELAJVOIDES Prsl. 1. c.

44. *P. (ASPALATHUS E. Meyer, Linn. VII. 159) NK.RESCENS Prsl. 1. c.

45. *P (ASPALATHUS Lam. — Wlprs. 1. c. 615. no. 17.) MOLLIS Prsl. 1. c.

46. *P. (ASPALATHUS Linn. — DC. 1. c. 139. no. 85.) ERICIFOLIA Prsl. 1. c.

47. *P. (ASPALATHUS E. Meyer. 1. c. 140.) ERIGOIDES Prsl. I. c.

48. *P. (ASPALATHUS Linn. — DC. 1. c. 130. no. 16) RHIZOMOLU Prsl. 1. c.

49. *P. (ASPALATHUS DC. I. c. no. 18) FRANKENIOIDES Prsl. 1. c.

50. *P. (ASPALATHUS Thunberg. — DC. 1. c. 140. no. 25.) INCURVA Prsl. I. c.

51. *P. (ASPALATHUS DC. I. c. 139. no. 15.) MICROCARPA Prsl. 1. c.

52. *P. (ASPALATHUS Eckl. & Zeyh. Enum. no. 1417.) ALBIFLORA Prsl. I. c.

53. *P. (ASPALATHUS Thunberg. — DC. 1. c. 139. no. 19.) HISPIDA Prsl. 1. c.

54. *P. (ASPALATHUS Thunberg. — DC. 1. c. 140. no. 27.) MULTIFLORA Prsl. 1. c.

55. P. ARENARIOIDES Prsl. 1. c. — Ramulus teretibus tomentosus, foliis trifoliolatis fasciculatisque, foliolis teretibus obtusis inermibus hirsutis, flonbus axillaribus sessilibus solitariis, calycis hirsuti lacinae subulatis muticis, tubo brevioribus, vexillo aequigusto extus pubescente. l) — Rami cinerei tomentosi teretiusculi, foliola lineam circiter longa crebra, pilis brevibus rigidulis hirsuta et inde virentia, bracteolae foliis conformes calyce breviores, calyce lineam excedens, nervis quinque crassiusculis, terms in sinus lacinarum excurrentibus multo tenuioribus, corolla calyce duplo longior, vexillo obovato oblongo aequicarmaque glabris longior, stamina monadelphica, antheris ovatum ovato ellipticum compressum villosulum tubo calycis brevius, stylus breviter curvatus, stigma terminale caputellatum, legumen calyce duplo brevius ovato ellipticum compressum monospermum villosulum — In *Aipalatho multiflora* Thunberg' foliola glabra distincte quamquam breviter mucronata, calycis lacinae acutae tili-

- tubo aequilongae; legumen calyce longius densissime pubescens. — *Asp. thy mi folia*
 * Eckl. & Zeyh. Enum. no. 1414. — Crescit id Caput bonae spei in duris arenosis inter Mostertbaj et Visback prope Hottentottshollaiid districtus Stellenbosch.
 » *P. (ASPALATHUS E. Meyer, Linnaea VII. 161.) MICRANTHA Prsl. 1. c.
 » *P. (ASPALATHUS Eckl. & Zeyh. — Wlprs. 1. c. 613. no. 82.) ALBANENSIS Prsl. 1. c.
 » *P. (ASPALATHUS Eckl. & Zeyh. — Wlprs. 1. c. 615. no. 81.) INTERMEDIA Prsl. 1. c.

6482/g. TRIKEURIA Prsl

(Prsl. Bot. Bmrkngn. p. 130.)

Calyx quindecimnervius ant decemnervius, tubo campanulato, laciniis trinerviis tubo longioribus. Corollae papilionaccae petala breviter unguiculata, vexillo late cordato divaricato, supra emarginaturam callis duobus oblongis instructo, alis carinae leviter curvatae aequilongis. Stamina monadelphica, tubo superne fisso. Ovarium sessile ellipticum, utrinque acutum compressum bi—triovulatum. Stilus elongatus ascendens teres. Stigma terminate - capitatum. Legumen sessile ellipticum compressum, utrinque acutum mono—dispermum. Semina reniformia compressa. — Fruticuli Capenses inermes: folia trifoliolata, foliolis planis vel semiteretibus aut fasciculata teretia; flores capitati involucrati aut spicati ant axillares solitarii sessiles; calycis lacinae tubo duplo triplove longiores, praeter nervum dorsalem utrinque nervum lateralem exhibentes, qui nervi laterales in quibusdam speciebus jam ex tubo quindecimnervio excurrunt aut ex tubo decemnervio diramatione nervorum secundariorum in sinus excurrentium exoriuntur; vexillum nervo dorsali crasso saepissime carinatum, extus pilosum, alae carinae basi longe fissae aequilongae vel sublongiores; ovarium calycis tubum subaequans, stylo triplo brevius dense villosum; legumen calyce brevius vel subaequilongum. — In *T. lineari-folia* involucre pentaphyllum deciduum, foliolis ovatis acutissimis, calycis coriacei laciniarum nervi tenues, interni non prominuli ob pubem saepius aegre conspicui; haec et *T. deciduifolia* folia trifoliolata possident. In *T. papillosa* lacinae calycis superiores duplo latiores tribus inferioribus, sed aequilongae. — Differt *Trineuria* ab *Aspalatho* et reliquis generibus aspalathoideis praesertim calycis laciniis trinerviis, vexillo infra medium disci prope emarginaturam basalem utrinque calloso, stylo tereti elongato, legumine brevi. Numerus nervorum in calycis laciniis inter *Leguminosae* certe magni habendus est, cum maxima pars illarum has lacinas uninervias habet. Nee exempla desunt, quod nervi aut illorum numerus ad construenda genera inserviunt, nempe in *Cruciferae*, in *Labiatis*, in *Piperaceis* etc. Quod in his ordinibus ad distinguenda genera valet, etiam in *Leguminosis* valere potest et debet.

1. *TR. (ASPALATHUS DC. Prodr. II. 142. no. 66.) LINEAFOLIA Prsl. 1. c. 131.
2. »TR. (ASPALATHUS Eckl. & Zeyh. Enum. no. 1434.) DECIDUIFOLIA Prsl. 1. c.
3. TR. FUSCESCENS Prsl. 1. c. 131. et 133. — Ramis glabris, ramulis tomentellis; foliis fasciculatis ternatisque setaceis semiteretibus acutiusculis mucronulatis villosis, demum glabris; floribusterminalibus capitatis; bracteis extimis trifoliolatis, foliis conformibus, aut obovato-cuneatis acute trilobis, bracteolis lineari-lanceolatis acutis hirsutissimis; calycis hirsutissimi laciniis ovato-triangularibus acutis trinerviis tubo aequilongis; corolla calycera duplo excedente, extus sericeo-pilosa; legumine elliptico compresso, calyce brevior. — Stylus triquetus tubo stamineo parum longior, stigma capitellatum declive pubescens. — *Asp. nigra* E. Mej. (nee alior.) — In Promontorio bonae spei.
4. *TR. (ASPALATHUS Tlinbrg. - DC. 1. c. 141. no. 49.) COMOSA Prsl. 1. c.
5. *TR. (ASPALATHUS L. - DC. 1. c. 138. no. 9.) CHENOPODA Prsl. 1. c.
6. *TR. (ASPALATHUS Eckl. & Zeyh. — Wlprs. Repert. I. 610. no. 40.) PAPPILLOSA Prsl. 1. c.

7. *TR. (ASPALATHUS Linn. — DC. 1. c. 142. no. 65) CILIARIS Prsl. 1. c.
 8. *TR. (ASPALATHUS E. Meyer. — Wlprs. 1. c. 614. no. 09.) APPENDICULATA Prsl. 1. c.
 9. *TR. (ASPALATHUS E. Meyer, Comm. 52.) RIGESCENS Prsl. 1. c.
 10. *TR. (ASPALATHUS DC. 1. c. 140. no. 28.) CYMBAEFORMIS Prsl. 1. c.
 11. *TR. (ASPALATHUS Eckl. & Zeyh. — Wlpr*. 1. c. 613. no. 57.) MARGINALIS Prsl. 1. c.
 12. TR. COCHLEARIFORMIS Prsl. 1. c. 131. et 133. — Ramis teretibus glabriusculis, foliis trifoliolatis fasciculatisque teretibus obfuis muticis ramulisque hirsutis, demum glabrescentibus; floribus axillaribus terminalibusque solitariis sessilibus; calycis hirsuti laciniis obovatis obtusis triuerviis erectis cochleariformibus, tubo duplo longioribus; vexillo extus tomentoso. /) — Fruticulus ultrapedalis erectus : foliola sesqui — bilinealiacinerascentia, bracteolaelineari-setaceae obtusae liirsutae tubo calycis lineam longo parum longiores; calycis lacinae fere bilineales erectae, extus convexae, intus concavae, ideo cochleariformes, basin versus angustatae; corolla calycem duplo excedens, vexillo cordato orbiculato nervo dorsali excurrente mucrouato; stamina monadelphia; ovarium sessile ovato-lanceolatum pubescens biovulatum; stylus filiformis deciduus; stigma capitellatum terminale; legumen calycem aequans ovato-ellipticum compressum monospermum pubescens. — *Aspul. cynhaeformis* Eckl. & Zeyh. (nee DC.) — *Asp. hispidu* Sieb. (ncc alior.) — Crescit ad Caput bonae spei in lapidosis lateris orientalis montis Tafelberg prope Constantiam.

6482/9. IETEROJLATHUS *Presl.*

(Prsl. Bot. Rmrkngn. p. 131.)

Calycis tubus turbinatus, limbi lacinae spinoso-aristatae, superiores et laterales (vexiliares et alares) lanceolato-subulatae uninerviae, tubo longiores, inferior (carinalis) longior latiorque foliacea obovata palmatinervia, basi angustata. Petala brevissime unguiculata, vexillum suborbiculatum patens, nervo dorsali crassiusculo instructum, alis carinaque longius, alae oblongae carinam latam obtusam vix incurvam, apice emarginatam acquantas. Stamina monadelphia, tubo superne fisso, antheris subglobosis. Ovarium sessile oblique lanceolatum acuminatum co nup ressum quadriovulatum. Stylus ascendens teres persistens, basi compressus. Stigma terminale capitatum. Legumen sessile cultriforme acuminatum compressum monospermum, calyce brevius. — Differt hoc genus ab *A. palatho* et *Aspdalthoideis* praesertim calycis lacinia inferiore majore et latiore quinquenervia obovata, antheris subglobosis, legumine sessili lanceolato acuminato, bracteis involucrantibus latissimis palmatinerviis etc. — Fruticuli Capenses inermes: folia trifoliolata, foliolis coriaceis pianipinnatinerviis facile deciduis, Horalibus seu bracteis late obovatis spinoso-mucronatis ciliatis palmato-septem — novemnerviis involucrantibus et flores flavos capitato-congestos superantibus; bracteolae setaceae hirsutae; calycis villosi lacinae tubo triplo longiores, inferior quinquenervia; corolla calycem aequans, vexillum extus sericeo-pilosum, carinae basi in petala duo longe divisa; legumen glabrum calyce brevius.

1. *H. (ASPALATHUS E. Meyer, Comm. 38.) INVOLUCRATA Prsl. 1. c. — *A. scutellato* Eckl. & Zeyh. — Wlprs. Repert. I. 610. no. 16. — *A. truncata* Eckl. & Zeyh. Wlprs. 1. c. no. 13.
 2. »H. (ASPALATHUS E. Meyer. — Wlprs. 1. c. 610. no. 14.) POLYCEPHALA Prsl. 1. c. 610. no. 14.
 3. »H. (ASPALATHUS Eckl. & Zeyh.— Wlprs. 1. c. 609. no. 6.) SUAVEOLENS Pwl. »H.

6487. LOTOXOXIS *DC.*

(Bnth. in Wlprs. Repert. V. 455. — *Leptidinm* Prsl. Bot. Bmrkngn. p. 49. [^] = *Leptidis* Eckl. & Zeyh., *Lotononidis* sect. VIII. p. 438.)

6493. ONONIS Linn.

(DC. Prodr. II. 158. [ex p.] — Wlprs. Repert. I. 624. II. 839. V. 460.)

1. *O. RIGIDA* Knze. Flora (B. Z.) 1846. p. C34. — Caule fruticoso erecto ramosissimo, cortice griseo glabro nitido; ramulis flexuosis cano-pubescentibus; foliis trifoliolatis, foliolis carnosulis deciduis, obovato-oblongis, basi cuneatis subspathulatis, toto margine mucroulato-dentatis, subincisis glaberrimis, laete viridibus; stipulis magnis membranaceis, dense nervoso-striatis, apice inciso-laciniatis, summis aphyllis; floribus terminalibus racemoso-aggregatis; pedunculis billorts; calycis laciniis vexillo triplo quadrupluve brevioribus; leguminibus. . . .? — Crescit in Sierra de Chiva in latere septentrionali montium la Casoletta et Cerro.
2. *O. VIRGATA* Knse. 1. c. p. 760. — Suffruticosa ramosissima glanduloso-pubescentis: ramis virgatis subfastigiatis; foliis trifoliolatis, foliolis minutis cuneato-oblongis obovatisve, profunde serratis, basi integerrimis; pedunculis unifloris, folio plus duplo longioribus muticis; calycis laciniis corollae dimidium superantibus, demum reflexis. Habitu perinsiguis. 2j. — Crescit in Hispania.
3. *O. MICROPHYLLA* Prsl. Botan. Bemerk. pag. 50. — Perennis erecta ramosissima pubescenti-viscosa: caule ramisque teretibus; foliis simplicibus obovato-rotundatis serratis minutis, iufimis trifoliolatis; stipulis ovatis acutis petioli longitudine aut longioribus; pedicellis unilloris longe aristatis patentibus fiiiformibus, folio quintuplo longioribus; corolla calyce duplo longiore; vexillo purpureo-striato; legumine pubescente calycem superante. 2j. — Flores flavi. — Crescit in Creta insula.
4. *O. ADGLUTINANS* Prsl. 1. cit. — Perennis ramosissima basi suffruticosa: ramulis, foliis, pedicellis calycibusque viscosis puberulis; foliis trifoliolatis, foliolis obovato-oblongis serratis; stipulis lanceolatis longe acuminatis; pedicellis-unifloris folio aequilongis longe aristatis, arista tomentosa. 2j. — Flores lutei majores quam in *O. ramosissima* et *arenaria*, vexillo tenuissime striato, striis concoloribus. Legumen hirsutum lineare tetraspermum. Arista subulata pedicello duplo brevior. — Duffi: pertinet *O. ramosissima* Prsl. (nee Desf.) Fl. Sicul. I. p. XIX. — Oescit in Sicilia ad flumen magnum, in collibus prope Cagliari Sardinia<>.
5. *O. SP/CATA* Munby, Revue botanique II. 504. — Foliis ternatis duplicato-serratis, foliolis ellipticis, medio majore petiolulato; stipulis oblongis, grosse dentatis; floribus spicatis; spicis foliosis; bracteis latis membranaceis, apice trifoliolatis; calycibus corolla brevioribus, legumen aequantibus. 0 — Crescit in pratis ad margines paludum circa Maison-Carrée in Algeria.
6. *O. ROSEA* Durieu, Revue botanique II. 437. — Annu erecta brachiatim ramosa, laxe pilosa: foliis praeter florales omnibus trifoliolatis; stipulis petiolo adnatis eumque dimidium longis, apice inciso-dentatis; foliolis ovato- vel elliptico-oblongis obtusis, inaequaliter denticulato-serratis; iloribus in spicam crassam demum elongatam congestis, subsessilibus vel breviter pedicellatis; calycis ultra medium quinquentatid dentibus lanceolato-acuminatis, 2 superioribus brevioribus; pelalis calycem superantibus; ovariiis 6 — 8-ovulatis; leguminibus saepius raonospermis inclusis, calycem vix dimidium longis, ovoideis, basi oblique truncatis, apice barbatis; seminibus ellipsoideis, minutissime tuberculatis, rufis vel castaneis. Q — Caulis 1—2-pedalis. Flores laete rosei. — Crescit prope Algeriam et Bonam.
7. *O. GIBALTARICA* Boiss. in Kellaart, Flora Calpensis 217. — Suffruticosa: caulibus hirtellis erectis ramosis; foliis glabrescentibus viscosis trifoliolatis, foliolis lineari-lanceolatis acute serratis; stipula ad medium usque bifida, dentibus subulatis; pedicellis unifloris flore duplo longioribus viscosis paullo infra florem arista obtusa bilineari-munitis; floribus fere magnitudine *O. naticis*, luteis venosis glabris, vexillo rotundo submarginato carinam superante; leguminibus peidulis rectis hirtellis subpollicaribus. 2j. — Species *O. longifoliae* W. Canariensi, cujus mala specimina vidi, affinis ab ea mihi differre videtur foliis brevioribus argutius serratis, stipulis brevioribus, floribus fere duplo majoribus, vexillo rotundo emarginato nee ovali acutiusculo. —

Habitat in arcibus mantiniis Gibraltanae orientem versus. Flores ovales suavisque odorati.

8. *O. SYRIACA* Jauh. & Spach, Illustr. pi. orient. II. 72 t. 155. — SulTrutex subsempedalis vel humilior eicctus Hiermis subcaespitosus, in novellis, foliis, pedunculis calycibus ovarisque pubescentibus tenui glandulifera viscoso canescens, pilis longioribus albulis mollioribus plensque glandulosis magis minusve hirsutus. Radix semipedalis vel longior perpendiculans lamosa, vetula lignosa pleiocephala corticata, juxta cololum nonnumquam pillicem ciassa. Rami novelli e caudice lignoso brevi tortuoso diffusimiliter lamoso orti, 2—6 pollices longi erecti vel ascendentes copiosi graciles, conspicue flexuosi subteretes, obsolete stnati fohati villosissimi, omnes fiongii (breviares fere ad omnes axillas, longiores noimisi ad axillas superiores), plerique simplicissimi, vegetiores subpaniculati folia alteiua petiolata, in ramis pilulosa, inferiori pinnatim vel subpinnatim trifoliolata, superiora unifoliolata, in fine immuta approximata, internodiis longioribus, caetera pleiaque internodius brevioribus Petiolus graticilis fere filiformis erectus cinaliculatus, cum pulvillo articulatus, longitudine validus, folioium infimoium et florahum brevissimus, mediorum V_a — i lin. longus. Foliola brevissime petiolulata subcoriacea, conspicue stuita venosa, in toto ambitu aigute serrulata (denticulis crebriis maequalibus anstulatis, baud raro in curvis), secus basin cuneatam integerrima, apice modo truncato inodo retuso neivo excurrente mucronata, folioium infimoium obovata vel subrotunda vel 11 ibelliformna, immuta (pkrumque vix unani lineam longa), caetera pleraque cuneato oblonga, inferiori 2—4 lin. longa, superiora sensim minora, folioium trifoliolorum laterali terminali minoribus Stipulae foliaceae nervosae, aigute serrulatae, a basi amplexante ad medium altiusve insertae pulvulo adnatae, foliorum internodiorum foliola aequantes vel superantes antes insertae glaberrimae, parte libera triangularibus vel subrotundis, caeterae villosae, pleraque oblongae vel ovatae oblongae, internodiis brevioribus, foliis vel petiolo magis minusve superatae. Rami axillares solitarii pedunculati, subanthesi poirecti, postea cernui, in quovis ramo in 1 internodii laxum foliatum digressivi. Pedunculi 2—4 lin. longi (plerique foliis tipanti aequilongis VL! paulo brevioribus, partium saepissime superantes), filiformes stncti & tomentoso-villosi teretes eiekti (petiolus antliis verticalibus) dem magis minusve divergentes nee tauten distantes, apice cum pedicello articulati et bracteola minima persistente mucroniformi (ramus subulatus et pedicello subaequilongis instructi, pedicellus calyce brevior, pedunculo subcrassior, post anthesin deflexus. — Crescit in Syria prope Aintap.
9. *O. PYGMAEA* C Koch, Linnaea XIX. 62. — Annua parva caulis albus-hirsutus, folia simplicia, late oblonga, senulata, singulis pilis parvis vestitis, stipulae petiolo toto pilis adnatae, pedunculi umiliori, horizontaliter hirsuti, foliis immores, e laete flore pedicellatum gerentes, in anthesi aequalem aut longiorem excurrentes, lacinae calycinae profundae, lineares, horizontaliter pilosae, corollam sulphuream longe superantes. 0 — Crescit in Asia meridionali boreali.
10. *O. ANTIQVORUM* Linn. — Jaub. & Spach, Illustr. pi. orient. II. 71. tab. 154.

6500. *GJEXISTA* Linn. *)

(Spach in Wlpr. Repert. V. 461 — 504)

1. *G. (Gnistoides) TETSELLA* Willkomm, Botan Zeitung 1847. col. 420. — Suierrutescens. caule repente, ramis erectis simplicibus elevato striatis, foliis spais lineari-

*) GENISTAE characteres genericos cl. PRESL (Botan. Mikn. pag. 138) iterum mutavit.

Calyx campanulatus decemnervus, ultra medium quinquefidus, laciniis anguste lanceolatis acutissimis erectis uninervis atqualibus aut inferiore parum longiore Corollae papilionaceae petala demum patentissima, vexillo cordato, alis canna duplo brevioribus anthesi filamentorum breviorum cordato imbricatis, longiorum ovalibus. Ovarium lanceolatum compressum quadrangulum — sexovulatum. Stylus simplex filiformis simpliciter ad apicem styli laterale ovale pubescens. Legumen sessile oblique ellipticum ovatumve compressum monospermum. Semina reniformia compressa ecarunculata.

- lanceolatis mucionatis, rat-tints 3—12 flons laxis, calyce ghbroy, ovmo pilosius-
 culo b — Fruticulus inermis glaberrimus lamis omnibus simplicissimis tenuibus fill
 formibus Folia coriaria integerrima nitida subnema, brevissime petiolata, basi
 stipulis duabus subulatis mini mis suffulti Flores hreviter pedicellati, bractea talycem
 subaequante filifoinu subulita suffulti Pedicellu calyce breviores, apice hracteolati,
 bracteolis pvtuq* subulatts Calyx campanulatus, segmentis tubo longioribus Co-
 rolla lutea exsiccaudo virescens gUbra, caitna alisque vexillo dimidio brevioribus.
 Legumen. . . . ? — Crescit in montibus Arragomae loco Dehesa de Lumbieras.
2. G. CALSPITOS* C. Koch, Linnaea XIX. 60. — Uumilis vix quadriipolliLaiis ranio
 sissima, caespitem densum formans ramuh tetragom, intei angulos hmo& elevato-
 strnati, pilis incumbentibus, vix visilibus raro vestiti, folia angustissime oblonga
 acuti glaberrima sessilia opposita sparsave, flores bun, raro term, terminles, bre-
 viter pedunculati, hiacteis mmutis instructi glibeimni, dtntes caljcini aiuniniti,
 petala aequalia \) — Crescit in AMI minori septentnionali.
- 3 G ERIOrAHPA Kn/e. Floia (H Z) 184b p 737. — Uamosi ramis arrettis ramulis
 que flexuo&is angulatis pubc¢ibus, folus obov itis apiculatis, subtus cano sen-
 ceis, flonbus ptucis npitato subratemosis, peduiculis itis, p» dunmlis plmibrali* a(is,
 catycis labio infunioie tndentato, It gummbui* latitudine duplo longioribus i uivatis,
 den&issime albo villosis sublmatis \) — Crescit in collibus circa oppidum Algesiras,
 nec nou in parte Inftnore utnu&que latens Siunae de Palma.
4. C. BARBARA Munby, Revue botanique II 503 — Caule futico&o ramoso, ramia
 hptnosis, spims validis temiinalibus, foliis &imphcibu& oblongis seuceis, flonbus la-
 cemosis, legumunbus subquadiatis villosis m flat is dispernus, apice sursum porrecto. /)
 — Crescit propc Oran ad Santa Cruz,
- o *G (Feltna) CANDICANS Linn. — Wlprs. Report. V. 509. no. 95. —
 @. Colmeiroi Willk. Bot. Kettung 1847. p. 427 diffet A specie omnibus pirtibus
 duplo niinoribus, foliolis obtusis vel mucronatis, supn sparse pilosis, subtus
 s< riceo lurtutis, peduii ulis cilyceque patule hirsutibstius, canna sciicea. —
 Ciescit in Catiloma in collibus dumetosis rejjom& cilidae
- G. G. (retina) IRILDRIICISTHALIANA l'isl Bot Hmrkivgn p 136. — Ram»s spi»<i>
 centibus pun^centibus t» rctibus stnatis fohisque oppositae et pilis adpressis pubcsi<n-
 tibus, folus Infoholatis petiolo brevi ciasso persistenti trineivio insidentibus, foliolis
 anguste hneaiibus mucronatis, flonbus laterahbus oppositis spaisi&que Mibsessilibus,
 bracteis setaceis mucionatis pedicello longioribus, calyce pubescenti &enceo basi
 hracteolam lineaiem adpressam gerente, vexillo cannaque extus sericeo lursuto /) —
 Genhta rudiata lriediich&thal m&s. — Ciescit in insula Poros Graeciae
7. G ('Jehnaj 4PRUIIA Prsl 1. c — Tiuticulosa erecta ramosissima spms axillaribus
 ramosis bon/ontalibus recurvatisve stnatis glabris, ramulis folufeus an^ulitis hirt>u-
 tis, folus bimplicibus sessilibus elliptico lanceolatis obtusis uiiinerviis herbateis pu-
 bescentibus, flonbus in spicam ovatam termmalem dispositis, calvcis lursuti libio
 infenore acute et aequaliter tndentato, canna sericeo pubescentc vexillum alasque
 duplo supeiante t) — Habitus Gentstae Germanicae, differt imprimis calyce bilabiato,
 labio superiore bilobo, doiso profunde fisso, loins ovato triangulanbus, labio infenore
 tndentato, dentibus aequalibus, ramulis folnferis lursutis nee longe villosis, folus el-
 liptico luiceolatis obtusis uninervus nee ovato lanceolatis acutissinus eximie pinnati
 neruis villosis, floiibus spicatis (sessilibus), nee racemosis, vextllo glabro nee pi-
 loso. — Ciescit in Aprutio regm Neapolitan!.

t Icones addendae.

- <• ATLANTICA Spat li. — (Repert V 474 no. 30) — Expedi de l'Algene tab 87 fig. 1.
 *' CEPHAL VNIHA Spach. - (Repert. V. 47f no 18) — Expedi de l'Vlgene tab.
 85 fi^; 1
 ^- COMMIXTA Spiih — (Repert. V 47J no. 77) — Jaub & Spach Uluslr. pi. onent.
 " Mi t l00
 " DRACUNCULOIDES Spach. — (Repert V 4% no 84) - Jaub. & Spa<h, Illustr.
 I^l orient II b7. t ljl

- G. DURIAEI Spach. — (Repert. V. 476. no. 37.) — Expedit. de l'Algerie tab. 85. fig. 2.
 G. ERIOCLADA Spach. — (Repert. V. 473. no. 29.) — Expedit. de l'Algerie tab. 87. fig. 2.
 G. GRACILIS Spach. — (Repert. V. 491. no. 19.) — Jaub. & Spach I. c. 59. t. 143.
 G. JAUUEITII Spach. — (Repert. V. 463. no. 4.) — Jaub. & Spach I. c. 56. t. 141.
 G. INVOLUCRATA Spach. — (Repert. V. 488. no. 62.) — Jaub. & Spach I. c. 62. t. 140.
 G. LEPTOPIIYLLA Spach — (Repert. V. 491. no. 71.) — Jaub. & Spach I. c. 64. 1.11^
 G. OLIVIERI Spach. — (Repert. V. 474. no. 31.) — Jaub. & Spach I. c. 60. t. 141.
 G. ORIENT ALLS Spach. — (Repert. V. 474. no. 32.) — Jaub. & Spach I. c. 61. t. 145.
 G. PONTICA Spach. — (Repert. V. 491. no. 70.) — Jaub. & Spach I. c. 63. t. 147.
 G. PULCHELLA Vis. — (Repert. I. 628. no. 5. • V. 503.) — Vis. Fl. Dalm. II. t. 40.
 G. SPATHULATA Spach. — (Repert. V. 492. no. 72.) — Jaub. & Spach I. c. 65. t. 149.
 G. SPHACELATA Dene. — (Repert. V. 467. no. 13.) — Jaub. & Spach I. c. 57. t. 142.

6500/1. DEKDROSPARTI7M Spach.

(Wlprs. Repert. V. 504.)

1. *D. AETNENSE Spach. — Wlprs. I. c. 505. no. 1. — *Drymospartum Aetnense* Prsl. Hot. Bmrkngn. p. 138.
2. *D. PURGANS Spach mss. — *Drymospartum (Genista Linn.) purgans* Prsl. I. c.
3. D. (DRYMOSPARTUM Prsl. I. c.) SARDOUM Spach mss. — *Ramulis filiformibus laxis, lloibus fructibusque nutantibus; carina sericeo-pilosa; legumine calycem duplo triplove superante sericeo pubescente.* \) — *Ramuli florifeli tenues flaccidi tenuissime striati; folia ignota; flores longe racemosi legumitibusque duplo minores quam in D. Aetnensiy vexillum dorso linea media lon^itudinuli sericeo-pilosum, alae glabrae, ovarium usque octoovulatum; legumeu 6ericeo-pubescentis monospermum valde obliquum, ita ut stylus fere lateralis evadat; semen oblique cordato-orbiculatum ecarunculatum. t)* — *Genista Aetneisis* Moris. — Crescit in Sardinia.

6500/2. GONOCYTIST^S Spach.

(Wlprs. Repert. V. 505.)

- *G. PTEROCLADUS Spach. — Repert. V. 500. no. 2. — Jaub. & Spach, Ulustr. plant, orient. II. 69. tab. 152.

6500/3. COROTHAIHNITS Prsl.

(Prsl. Rot. Bmrkngn. p. 137.)

Calyx campanulatus tenuissime decemnervius bilabiatus, labio superiore bidentato, inferiore tridentato, dentibus ovato-triangularibus acutis aequalibus. Corollae papilionaceae petala divergentia aequilonga, vexillo cordato, alis carinae subconformibus. Stamina 10 monadelpha, filamentis alternis brevioribus, antheris filamentorum breviorum linearibus elongatis, longiorum ovalibus. Ovarium sessile lineare compressum multiovu; latum. Stylus filiformis apice hamato-arcuratus. Stigma ad apicem styu laterale orbiculatum. Legumen sessile lineare compressum polyspermum. Semina reniformia compressa ecarunculata. — Fruticuli inermes decumbentes: ramis angulatis; foliis exstipulatis stipulatisve simpUcibus fasciculatis; floribus longe pedicellatis flavis, pedicellis medio bibracteolatis, ca~lyce colorato persistente, corolla glabra. — Affinis quam maxime *Sparlothamno* Webb et Berthel., differt calycis labiis divisis, antheris filamentorum breviorum linearibus elongatis, seminibus ecarunculatis.

1. *C. DIFFUSUS Prsl. I. c. — *Genista diffusa* Willd.
2. *C. (GENISTA Reyn.> HALLERI Prsl. I. c. — *G. prostrata* Lam.
3. »C. (GENISTA Waldst. & Kit.) PROCUMBENS Prsl. I. c.
4. C. MYRTIFOLIUS Prsl. I. c. — *Caulibus ascendentibus pedicellisque calycibusque sericeo-pilosis; foliis sessilibus stipulatis lanceolatis acutis ciliatis, utrinque hirsutis^ demum glabrescentibus; pedicellis solitariis binisve folio triplo brevioribus, sup*

medium bracteolatis; ovario legumineque hirsutissimo. *tj* — Stipulae ovatae acutae hirsutae parvae. Folia usque decem lineas longa. Flores non solum ex axillis foliorum fasciculorum sed quoque solitariorum provenientes, pedicellis circiter trilobulibus. Carina glabra. — Crescit in collibus Hungariae ad Menesch.

6500/4. CORMOLI Prsl.

(Prs). Bot. Bemerkn. 136.)

Calyx campanulatus decemnervius subbilabiatus, fructifer basi ima circumscisse decedens, labio superiore bifido, inferiore trifido, laciniis anguste lauceolatis acutissimis erectis aequalibus uninerviis. Corollae papilionaceae petala demum patentissima, vexillo cordato carinaque aequilonga alis longiore. Stamina 10, monadelpha, filamentis simplicibus, alternis brevioribus, antheris filamentorum breviorum cordato-linearibus elongatis, longiorum ovalibus. Ovarium sessile lineare compressum multiovulatum. Stylus simplex exsertus deciduus, apice hamato-incurvus. Stigma ad apicem styli laterale ovale. Legumen sessile lineare compressum polyspermum. Semina reniformia cumpressa ecarunculata. — Herbae perennes inermes ramosae simplicifoliae, materia tingente flava donatae: stipulis herbaceis; floribus axillaribus in racemum terminalem dispositis flavis; aut frutices divaricati spinosi: spinis ramosis, foliis trifoliolatis simplicibusve, stipulis spinosis; floribus axillaribus solitariis pedicellatis flavis. Calycis ruptura circumscissa callo circulari ad basin tubi indicatur. Pedicelli Mib apice bibracteolati.

1. *C. (GENISTA L. - Wlprs. Repert. V. 493. no. 81) TINCTORIA Prsl. 1. c. 136.
2. *C. (GENISTA Willd. - Wlprs. 1. c. 496. no. 83.) VIRGATA Prsl. 1. c.
3. *C. (GENISTA L. — Wlprs 1. c. 496. no. 83. 0.) SILJIKICA Medic. — Prsl. 1. c.
4. *C. (GENISTA Viv. — Wlprs. 1. c. 490. no. 68.) SCAUIOSA Prsl. 1. c.
5. *C. (GENISTA Pollinl. — Wlprs 1. c. 503.) MAN NCA Prsl. 1. c.
6. *C. (GENISTA Willd. — Wlprs. I. c. 490. no. (18) TRIANGULARIS Prsl. I. r.
7. *C. (GENISTA Ten. - Wlprs. I. c. 494. no. 78.) ANXANTHICA Prsl. 1. r.
8. *C. (GENISTA W. & K. — Wlprs. 1. c. 494. no. 79.) OVATA Prsl. 1. c.
9. *C. (GENISTA Moris. - Wlprs. 1. c. I. 629. no. 9. 11.841. no. 1.) MICROPHYLLA Prsl. 1. c. 137.
10. *C. (GENISTA DC. - Wlprs. 1. c. V. 483. no. 50.) CORSICA Prsl. 1. c.
11. *C. (GENISTA DC — Wlprs. 1. c. 482. no. 49.) SCORPIUS Prsl. 1. c.

6500/5. SPARTOTHAMNI B. Webb & Berth. *)

(Webb. & Berth, mss. ex Prsl. Bot. Bemerk. pag. 138)

^Calyx campanulatus bilabiatus quindecimnervius, basi tribracteolatus, labiis integris subaequalibus. Corollae papilionaceae petala patentia, vexillo obcordato-suborbiculato, alis carinae conformibus et aequilongis. Stamina 10 monadelpha, filamentis alternis brevioribus antheras longiores cordato-lineares gerentibus. Ovarium lineari-lanceolatum. Stylus simplex filiformis ascendens, Stigma terminale rapitatum papillosum. Legumen oblongum poly — oligospermum. Semen oblique cordatum compressum carunculatum, basi supra gibbum. — Frutices inermes: foliis trifoliolatis; floribus racemosis aut axillaribus solitariis fasciculatisve, bracteolis deciduis; calyce tenui, labio superiore sexnervio, inferiore septemnervio, nervis duobus lateralibus in sinus labiorum excurrentibus; ovario legumineque glabro.

*) *Spartothamni* nomen jam ad genus *Mjoporinearum* pertinet (cf. Repert. IV. »42. et VI. 594.), quapropter hujus generis nomen mutandum erit, quod si a botanicis retinetur.

1. *SP (CYTISUS Lnk. - DC. Piodi. II 153. no. 2) \LBUS Prsl. 1 c.
 2. *SV. (CYTISUS Linn. — DC. 1. c. no. 6.) SESSILH OLIUS Pi si. 1. c.

6504. ARC Y ROLOBIUJI *Etkl. & Zeyh.*

(Wlprs. Repert. I. 030 II 842. V. 509)

1. A. KOTSCHYI Boiss. Diagn plant, oneiit. nov. VI p. 32. — Puree et adpie&si <,' ne&cens. caulibus tenuibus subfiliformibus prostratis flexuosis parce ramosis , stipule triangulari-lanceolatis acutis minimis persistentibus, folus petiolo us paulo bieuore *>uffultis tnfoliolatis, foliolis lateialibus obliquis, latere mteriore rectiuscuhs, extenoit rotundatis , folio mtermedio ohcoidato, basi cuneato, peduru ulis axillanbus foil" 2-3 plo loii^ioribub apice 4—5 flons, bracteolis setaceis pedicello brevionbus, cu lycis* coiolla fere dinudio bievions labio supeimie fere ad basin usque hidentito, inferore ad tctiim pirtem tiidditato, dentibus acutis, vexillo pallide luteo seeus linerim niedi im pirce sericeo, caeterum glabro ovato rotundato mtegio estnato, di** cultufoimi oblongis enmum rubram acutiuculam supeiantibus vevillo brevionbus, le^uniimhus auguste hnearibus compiessis itclis adpresse et parce senceis brevitei et oblique muuomtis, 10—12 spermis, calyce 5—b plo longionbus. ^ — Crescit m pascuis lapidosis prope D ilechi Persiae australis.
1. A. KREIJSIANUM Pi.si Hot. Bmrkngn. p 139 — Ramis, petiolis calycibusque adpiesse pubescentibus, fulus tnfoliolatis, foholis sessihbus ovito ellipticis mucronatis, ddpiesse longeque cihatis, utriusque stn^osis, petiolo subuquilongis, medio majore, stipulis hneari setareis birsutis inaëqualibu6, petiolo sextuplo bievioribus, peduiculis oppo&itifoli(s folio lou^ioribus; floubus laccmosis, pedicelhs medio bibracteolatiSi brae tea du plo lou^ioubus, cal^tis labio supenore profuude bifido , inferore tridentato, carina talytem excedente, vexillo extus pube¢e. \) —• Petioh sex—octo 1> neas longi, folia juniora seiiceo pilosa, stipula una alteia duplo longioi, peduntulus usque &esquipolltcans vcl parum lon^ior, pedicelli senceo pubescentes semitftiam Imeam longi, medio vel supra medium biacteolis duabus opposite minutis btip^ti? Holes niagnitudme *A. tomenton* [*Chasmones Andreunianae* £. Mey.), legumen ignotum* — Accedit ad *A. tomentoMim*, ditFeit foliohs, stipulis, bracteis, bracteolis, iacemis» pube etc —"Cresut ad Caput bonae spei.

6505 CVTI8US *Linn.*

(DC Piodr II. 153 — Wlprs. Repert. I. 632 II. 845)

- 1 C POLYTIUCHUS M M (>) ex C Koch, Lmnaea XIX. bl. — Cauhu> piostiatuS n^U berrunus, rami adscendentes, pilis hoiizontaltbus lursuti, ramuhs 2—4-flons spit¹¹¹¹ uiteriuptum formantibus uistructi, ex apice folio&i, foliola obovata, ex pagina ufc 11011 mugis, quam ex supenoi pilis bievibus liicumbeiiibus ve&tita , cal^x patent* hnsutus, labio mferioii saepi&sunc bifido, vexillum pennagnum, integernmum, enn^{1*} gmatum, ex doiso stna lata biunuea, husuta instiuctum, carina ad sjmphjism l^m losa J) — In Asia minori boieali.
2. C. TIIRKEANUS C Koch J. c. — Cauhs abbreviatus, ex apice lamos eretto* aut adscendeutes gerens, giabernmus, rami breves, ex paite supenon ramul^{o*} 2—4 floras spicam den&am et apicalem formantes gerentes, pilis albis mcumben^t bus ve&titi, folia oblouga, acuta, minoiu, pagina utraque pilis liicumbeiiibus suD^{ue} ncea, cal^x patulo lursutus, ex apice dentium albo barbatus , vexillum gl&t^{erri} mum. \) — Crescit in Asia minori boreali.
3. C HIRSUIIS^IMUS C Koch 1. c. 62. — Husutissimus, raulis virgatuS, sub ran^ ficatione striis brunneis albo punctatis brevibus instructus, subgiahei , folia obsc^u vindia, obovata, pilis patentibus aut leviter mcumbentibus albis vestita, rami ramulos subbifloios abbreviatus spicas laxas formantts, ex apice solum foliosii P^{ue} albis hoiuontalibus instructi, pedicelli brevissimi, calyx pilis albis hontont^{ue} patuli&ve in&tructus, vexillum dorso paululum hirsutum, carina ex symphysis Paulu^{ue} luin pubescens. \) — Ciescit in Asia minori boreali.
4. C. ACUTANGULUS Jaub. et Spach, IUusti. pi. oneiit. II. 70. J- t. 153. — Ita^{m,s}

- iiuulisque acuniuulis strut* lhs esulcis strx lissinus ngulm, annotims tmano senceis
 ^ubfasligiitis pulinllis » ihce ti\ longioibus, ahs tan mi broionbus. fy —
 < K'Sti! in Galitu pi ope Ue> Ba/a/
- (SPECIOSUS Prsl Botan Kernel k. pag. 140. — Hirsutusjnermis folns pcholatis
 luloliolitis, foliolis suhsessilijus obotatis mucronulatis, floubus axillaiibus bievitei
 p» dicellatts f iscutulatis, cil>oe tubuloso veutntoso tnlobo, lobis lateralibus late
 tmncatm, inferiore (caunali) ovato obtuso loi^ionbus, ^evtlllo latissimo. b — *C
 julcatus* Hurt — Cresut.
- <> < (CALY<OIOMI<) CREHCUS Prsl Botan. Bemer. pag 51 — Cal>«o senuo
 piloso, bracte.i albido toinctosa caljte duplo bieMore obtuso tndentata, dente me-
 dio paulo nnjorc, le^umims pube¢is sutuia infenore (ferrugneo) luisuta. \) —
Spartium nllusum Sieb lib 11 Crctc.— Crescit ad Caneain Cretae.
7. C. (CALYCOOrOMI) INFEMUS Prsl 1 cit. — Calyce et brattea senteo pubestentt
 bus, biattea caHus longitudine suliiofimda tricrenato li panda, crena media mijoio
 rotunda, lateralibus obtusissimis bio\ issimis, legumine pubescente, sutuia infenore
 Uuato lursutissimo. t;— *Spartium tnfestum* Prsl. ft. Sicul. (nee Willd). — Crescit in
 Sitiliae sepibus.
- 8 C (CALYCOTOME) INTERMEDIUS SI/mnn. Pl. exsicc. e\ Prsl. 1. o. — Calyce
 s< iiceo pubesrente, biattea albido-tomentosa, calyce duplo brevioie subrotunda
 ilute tndentata, deute niedio majore, (nuno legumiiiieque lanato hirsutis&inus. I)—
 Crescit in tolhbus Tingitanis.

-| Icoues acidcudac.

- V- (CALYCOTOME) SPINO8US Lam. — liot Regist IS4« tab. 55.
 c SPINESCEIS& Sieb. — Vis. Tlor Dalm. II t 40 A

6505/j. PETTERIA *Pi si*
 (Prsl. Bot. Bmrkngn. p. 130.)

Calyx tubuloso-campanulatus trilobus, supra usque medium fuis us,
 demum basi circumscibbus et deciduus, lobis duobus iateralibus ovatis
 acutis, inferiore tridenticulato obtuso. Corolla papilionacea, petalis longr
 unguiculatib, vexillo obovato, alis carina obtusa recta longioribus, v\<
 guibus alarum carinaeque tubo stamineo adnatis, demum liberis. Sta-
 mina monadelpna, tubo longitudinaliter superne fi>.so, antheris ovalibus.
 Ovarium sessile lineaii-lanceolatum multiovulatum hirsutissimni in sty-
 *um angustatum. Stylus rectus teres pilosus deciduus. Stigma terminate
 capitatum papillosum. Legumen sessile lineare mucronatum compreb-
 *Um subfalcatum polyspermum dehiscens. Semina reniformia compressa
 non caruncuUta, funiculo umbilicali crasso suspensa. — Fiutex Korojulius
 et Dalmaticus inermis: ramis sparsis teretibus striatis; foliia sparsid
 petiolatis trifoliolatis deciduis, foliolii. &subse&s>ilibus obo^ato-ovalibus
 rctUhis herbaceis pinnatinerviis reticulato-venossis pelliicido punctatissi-
 mis; stipulis petiolaribus ovatis obtuMS carnosis brevibus (vix lincali-
 bUs); race mo terminali pedunculato multifloro; floribus sparsis flavib,
 pedicellis lineam longis medio \el sub apice bractea trinetli obovato-
 ovali acuminata palmatinervia ciliolata subscariosa fugaci instruois; ca-
 lyce tenui subscarioso pubescente tenuissime decemnervio, fructifero
 (limbo delapso) orbiculum disciformem exhibente, petalorum unguibus
 demum solutis, vexiilo extus linea longitudinali et carina ad Miturara
 pubescente; legumine circiter sesquipollicar tomentello. — Differt a
 l'Intrno calyce tubuloso demum deciduo, petalorum ungnibns connatis,
 a tytito calyce demum semper deciduo, petalorum unguibus connatis,
 ^minibus ecarunculatis.

- ^b - HMENTACEA Prsl — *Cgtisus ramentacetis* Sieb. in How V. p. 242. — C. Wetde-
 ni* Vis. in Flora XIII. p. 52

6506. *Althuyixis* Linn

(DC Prodr II 168 — Wlprs Repert I GI4 II 8T4)

1. A ? *BIDENTATA* Munby, *Revue botanique* II 604. — Caule fruticoso, ramis dichotomis divaricatis, profunde stnatis, basi et apice bimurronatis, Junioribus villosis, foliis lanceolatis sessilibus villosis, lobis capitatis involucriatis, involucris lauceolatis acuminatis villosis, calycibus oblongis quinquecostatis, dentibus aequalibus setaceis, bracteis setaceis villosis, germine villosa, stylo recurvo subulato — Crescit in montibus Santa Cruz prope Oran
2. *A *AUREA* Vis Flor Dalmat. II tab 42

6506/. KILE MAX THUS *HortstetU*

(Hortstett Flora [11 I] 184b pag 503)

Flores parvuli; racemuli inter bracteas magnas tipuliformes reconditi. Calyx quinquefidus villosissimus, laciniis Mibulatis parum inaequalibus. Corolla papilionacea calycem parum excedens. Stamina 10 diadelphica. Ovarium 2-ovulatum, stylus filiformis stigmatibus capitato. Legumen parvulum oblongum Mibcompressum, isthmis celluloses inter semina 2-loculare; semina cubica laevia — Ad Loteas Genisteas vel Galegei pertinere videtur, foliis *Anthylli*, flore et fructu *Indiopyrum* vel *Heylandiam*, bracteis *Zoizom* vel *thymniam* vel *liobolifera* referens.

1. *El Strobilifer* Hochst I c — Planta muni tota lanuosa villosa caulis simplex vel ramosus spithameus vel dodraitis, folia imparipinnata bijuga, foliorum ovato oblongis vel ellipticis, impari simili majori, stipulae duae ad basin petioli ovato lanceolatae obliquae, axillae omnes ramosae patentes bracteas strobiliformes emittunt, prius strobilo brevior, bracteae strobiliformes alternatae, imbricatae latissimae ovato cordatae multivenae, apice aequaliter bifidae (1) et duabus ut videtur connatae et potius stipulae vocandae, si racemum ramum vocaveris), altero Jaseo lobo majori, pedicellus in bractea singula axillans apice in ramis 1 s 1—3 umfloros brevissime divisus, ramuli villosissime lanati e pedicello declinatius ascendentes, cum hoc intra bracteas occulti, foliis parvuli, calycis villosissimi lobes angusti elongati, parum inaequales, corolla papilionacea cocinea calycem excedens, stamina diadelphica, legumen luam oblongum, duos vel tres lines longum subcompressum turgidum, membranis tenuibus transverse septatum di-~~trispermum~~ semen cubicum pilis roseis — Crescit in collibus arenosis ad montem ~~Koba~~ provinciae Cordofanae finibus versus Tekele.

Subtribus II *TIUFOLIAE* DC.6507 *ITILDICAGO* Linn.

(DC. Prodr II 171 [excl sect I] — Wlprs Repert I t:3 II 84*)

1. *M (Lupulina) SECL'VDIFLORA* Duneu in *Duchartre*, *Revue botanique* 1 Exploitation de l'Algerie tab 88. fig 2. — Annua leucantha caule erecto, obovato subrotundis, obsolete dentatis, dorso laucis, stipulis linearibus subulatis tere intemore uni vel paudentatis, extemore basi dentato laciniatis, superioribus integerrimis, inferioribus laxo racemosis, racemo folium excedente, pedicellis medio brevioribus, altilinearibus, cannam obtusam subtruncatam vexillum musculum oblongum aequantibus, legumibus turgidis, mitibus compressis, oblongis, transverse reticulato-rugosis, sutura utraque obscure caninata saepius monospermis, seminibus rufescentibus 0 — Crescit in Algeriae coin carets ad Saida, Constantine
2. *M CORRUGATA* Duneu I c — Exploration de l'Algerie tab. 88 fig 1. — Annua caule elongato prostrato a basi ramoso, foliis obovato dentatis, stipulis latissimis, ultra medium laciniatis, racemis 16—20 florum P.

- aristato, folium subaequante, pedicellis erectis bracteam aequantibus; dentibus calycinis fletaceis, tub I longitudine; alis cariuam obconlato-emarginatam aequantibus; leguminibus spira dextrorsa monocyclis 2—5-spermis compresso-planis reniformibus, radiatim corrugatis, rugis confertissimis flexuosis, area marginali! sola laevissima, distiche spinosa, spinis rectis, margine acuto adnatis; seminibus rufescentibus reniformibus, vix truncatis. Q — Crescit prope Algeriam.
3. M. PLAGIDSI'IRA Ourieu I.e. 366. — Annua, tota pilosiuscula: caule decumbente a basi ramoso; foliolis obcordato-cuneatis cunealivse, apice dentatis; stipulis o vat is denfato-laciniatis; pedunculis folio longioribus, breviter aristatis multifloris, pedicellis erectis bractea lanceolato-acuminata vix brevioribus; dentibus calycinis hneari-subulatis glanduloso-pilosis, tubum aequantibus; vexillo cariuam ad quartam partem fissam, alis paulo longiorem superante; leguminibus invrmibus cocbleatis tetracyclis, spira dextrorsa, depresso-cylindraxis, obsolete venoiiis glabris, anfractibus oblique arctequae incumbentibus laevibus, obtuse carinatis; seminibus reuiformibus truncatis rutis. 0 — Crescit copiosissima in Algeria occidentali! in pratis marinis prope la Calle.
4. *M. CRASSISPINA VUiani, Flor. Dalm. II. tab. 43.

6508. TRICIOXELLA Linn,

(DC. Prodr. II. 181. — Wlprs. Repert. I. C3G. II. 847.)

1. TR. (*Buceras*) GRANDIFLORA Bnge. Arbtn. des naturf. Vereines in Riga I. 218. f — Patula hispidula: foliolis suborbicularibus obovatisve mucronulatis retusis glabris, subtus ad nervos hispidulus antice denticulatis; stipulis multifidis; pedunculis petiolum subaequantibus 2—3-floris; calyceis membranacei dentibus ovatis acuminatis, tubi tertia parte brevioribus; vexillo late obcordato alisque obovatis calycem triplo superantibus, carina calyce duplo longiore; leguminibus (Junioribus) linearibus elongatis minutissime glandulosis. 0? — Crescit prope Ifcikall et In uligiuoso-salsuginosis inter Ksil-kum et Jan Darja.
2. TR. GEMINIFLORA Bnge. 1. c. 219. f — Patulo-diffusa pubescens: foliolis obovatisve obcordatis denticulatis, ima basi integerrimis stipulis semisagittatis basi ilentatis; fluribus geminis (raro solitariis) sessilibus; dentibus calycinis subulatis, tubum suum aequantibus; vexillo calycem tertia parte excedente; leguminibus linearibus elongatis arcuatis compressiusculis pubescentibus irregulariter reticulatis; semioibus oblique truncatis. 0? — Crescit ad lapides dioriticos prope Tiumenbai-tau.

6510. WELILOTIS Tournef.

(DC. Prodr. II. 180. — Wlprs. Repert. I. 638.)

- 1- M. SPECIOSA Duricu in Duchartre, Revue botanique 1. 365. — Annua irucantha: caule erecto; foliolis obovatosubrotundis, obsolete dentatis, dorso glaucis; stipulis lineari-subulatis, latere interiore un- vel paucidentatis, exteriore basi dentato-laciniatis, superioribus integerrimis; floribus laxo racemosis, rademo folium excedente, pedicellis calyce dimidio brevioribus; alis linearibus, carina obtusam subtruncatam vexillumque planiusculum oblongum aequantibus; leguminibus turgidis, maturis compressis elliptico-oblongis, transverse reticulato-rugosis, sutura utraque obscure carinata, biovulatis, saepius monospermis; seminibus rufescentibus, Q — 7 CrjQcty k Algeria occidentali prope Oran,
- 2- M. BRACHYSTACHYA Bnge. Arbtn. des naturf. Vereins in Riga I. 210. f — Caule laevi teretiusculo glabro; stipulis subulatis basi subdentatis; foliolis oblongo-dipticis, cubtus puberulis denticulatis; racemulis pedunculatis densis, fructiferis abbreviatis; pedicellis calyce subbrevioribus; calycis dentibus superioribus tubum aequantibus; vexillo carinam vix superante; leguminibus glabris sublaevibus, maturis reticulatis, sutura ventrali compressis, caeterum turgidis dispermis; seminibus turgidis laevibus (luteis). 24? — Crescit locis cultis prope Bucharam.

6511. TRIFOLIUM *Tournef.*

(DC. Prodr. II. 189. — Wipra. Repert. I. 639. II. 830. V. 512. — Willemet et Fiodron In Duchartre, Revue botanique II. 509—517. Species e sectione *Chronosemio* representur.)

1. TR. (*Trifolium*) RHOMBEUM S. Sclauer, Linnaea XX. 740. f — Caulibus ascendentibus striatis cum petiolis pedunculis calycibusque villosolanuginosis, foliis rhombo-ellipticis obtusis mucronatis, argute denticulatis striato-venosis, supra glabris, subtus pilosiusculis glabrescentibus; stipulis membranaceis late ovatis mucronulatis pilosulis; capitulis axillaribus longe pedunculatis multifloris densis involucre; floribus pedicellatis demumque deflexis; calycis laciniis subaequalibus setaceis erectis tubo brevi longioribus, corolla tertia parte brevioribus glabris. 2J. — Crescit in montanis Mexici.
2. TR. (*Eutriphyllum* Ser.) SULPHUREUM C. Koch, Linnaea XIX. 63. — Perenne pluricaule: caules simplices ascendentes pubescentes; stipularum pars connata striata ciliata, caeterum glaberrima, petiolum paululum superans, pars libera linearis etiam petiolum superans, 3—5-striata, longe ciliata; folia lineari-oblonga, pilis incumbentibus vestita emarginata; spica pedunculata libera ovato-lanceolata, stata minus evoluto oblonga; calyx pilosus costato-striatus, dens inferior longior simplex, 1—3-nervius, carinam aquans aut paululum longior, ut caeteri tertiam partem minus longe ciliatus; vexillum lanceolatum longissimum, alae lanceolatae, magnitudine carinae. 2j. — Crescit in Asia minore septentrionali.

† Icones addendae.

TR. ARMENUM Willd. — Jaub. et Spach, Illustr. pi. orient. II. 54. tab. 1311.

TR. CANESCENS Willd. — Jaub. et Spach 1. c. 55. tab. 140.

TR. DALMATICUM Vis. Fl. Dalm. II. tab. 45.

TR. SUCCINCTUM Vis. 1. c. tab. 44.

65U/V LOXOSPERMUM *Iloehst.*

(Hochstett. Flora [B. Z.] 1846. p. 594.)

Calyx tubulosus 5-fidus multinervis, dente (laciniâ) infimo caeteris paulo minori. Petala libera marcescentia (nunc decidua), vexillum apice rotundatum alas non superans, carina obtusiuscula, alis magis minusve superata. Stamina diadelpha a petalis libera. Stylus glaber, stigma capitatum. Legumen sessile, lineari-oblongum compressum polyspermum dehiscens, calyce et corolla marcescente magis minusve inclusum aut exsertum; semina transversim posita.

1. L. SCHIMPERI Hochst. 1. c. 594. — Caulis a basi ramosus, rami digitales vel spirithamaei glabri; folia ternata petiolata, foliola anguste linearia integerrima glabra, apice tridentata; stipulae inferne membranaceae nervosae petiolo connatae, dein «bulato-setaceae; pedunculi axillares solitarii 1 — 2-flori; corolla calycem semipollicarem glabrum parum excedens purpurascens, carina alis et vexillo brevior; calycis tubus 25-nervis, laciniis lineari-lanceolatis subulato-acuminatis parum inaequalibus (infima minor) duplo brevior; legumen corolla marcescente inclusum 16—12-sperminum. 2j? — Crescit prope Adoam.
2. L. MULTINERVE Hochstett. 1. c. 595. — Caulis a basi ramosus diffusus, rami 5-pollicares foliaque ternata longe petiolata glabra; foliola anguste lanceolata serrulata apice mucronata, versus basin integerrima; stipulae petiolo adnatae nec non basi connatae membranaceae, dehinc liberae, apice longe subulatae; pedunculi folio subulato breviores axillares solitarii 3—5-flori, flores brevissime pedicellati; calyx tubulosus 25-nervis, albidus, laciniis tubum vix superantibus, inter se parum inaequalibus, subulato-acuminatis; corolla calycem parum excedens coerulea, carina alas et vexillum subaequans; legumen calyce et corolla marcescente inclusum 7—8-sperminum. If — Crescit in locis humidis vallium prope Adoam.

* * L. (TRIFOLIUM Iresen. — Wlprs. Repert. 1 041. no. 21.) CALOCEPHALUM Hochstttt. I c. 5!fe.

5516. LOTUS Linn.

(DC. Prodr. II 209 — Wlprs Repert. I. 647. II. 853)

- 1 *L. CONJUGATUS L. — DC. jun But. Zeitung IV. 115 — *letragonoiobut conjugatus* Ser in DC Prodr. II. — *Lotus Requienu* Hortul. — '*letragonolobu** *liequenti* li&ch. et Mey Index semin hort. Petrop 19J5. coll.
- I L VERSICOLOR Tineo, Plant ranor. Siuliae pag 27. — Pilosus glauco virens cauhbus gratihbus abbreviate procumbentibus, foltolis foliorum tnfenorum. subro tuudo cuneatts, baepe emargmatis (miiumis), 6uperiorum btipulisque obovatis aeu tis, pedunculis (non elongatis) 1—3 (raro 4) flons, bracteis 1—3-ph>lhs ovatis vel auguste lanceolatis, ealycims dentibus aequalibus, tubum subaequantibus, corolla multo brevioubus, leguniinibus terctibus reetis patentibus 2j. — Ridix crassa elon gata, caules eaespitosi aiiirutini procumbentes, plures ex eadem radice fere filiformes,]—3 polhcares flaeedi albidu, fuliola ctrno&ula, buperiora aliquando cuneata, stipu lae subsessiles, petiolo brevi dilatato longiores, bratteae calyee multo breviores, peduncuh ^{1/2}—1 polheais, ealyeis dentes hneari suhulati, basi latiusculi, corolla tn plo breviores, corollae (majusculat) luteae, e]j>itcatione virescentes vel rubentes, le gumina teretia graulia glabra fere untiaha Pih elon^ati remotiuscul patententes albidu. \. — Crestit in apricis montosis Sicilue, San fratello, falde di Montesoru pel aiulare a Randano.
- J L FILICAULIS Duteu, Revue botamque II 438 — Perenms humihs glaberrimus cauhbus filiforimbub, humifusis vel ascendntibus, foliorum fohohs stipulisque obo vato cuneatis, superiorum bratteisque ternatis oblonpdis acutis, peduncuh& capillari bus lougissimis uniflons, folium quadruplum et quintuplum longis, calyeis dentibus iubaequalibus bubulatis, tubum aequantibus, corollae ealyeem duplum longae alis oblique obovatis eannaque angulo recto gibba vexillum hubaequantibus, stylo eden tulo, legumimbufc calycem quintuplum longis erectis teretibus, st^h basi pemstente curvula, lime sulleata mueronatis,]>—25 spernns, semimbus lenifoimi ovoideis lae visibimis atns. 2]. — Flores lutei, carina othioleuta. — Crescit locis uiaritimis areno ' bis prope Oran et Mastaram *
- *> L. DRLL'ANOCAUPCS Duneu 1. c. — Perenms multicaulib humifusus adpresse puberuluh foliorum foliolis obovato cuneatis, superiorum biaeteisque ternatis oblongo lauceolatis, btipulis ovatis acutis, pedunculis folium duplum vel triplum longis, 3—7 florts, dentibus calycinis tubo brevionbus iiiaequalibus, infenore hneari, duos laterales brevissimos ovatos ipsosque duos superiores medioeres et subulatos bupe rante, eorollau ealyeem fere duplum longae, alis eannaque obtu&issime ^ibba vexillum subaequantibus, stylo edentulo, ovulis JO et ultra, legunumbus elongatib in cuculum vel senueireulum areuatis* (sutura semimfera extenore) compresbis, minute tubereulatis, stylo perbistente rectuque terminatis, intus membianaceo septatis, semimbub elliptieis compresMuseulib atns. 2\ — Cre&eit vulgaris prope Bunam, FortGinois et ad bitium Caroubieres
- i L. CANLS(LNS Kze 1 lora (B Z) 1316 p. 097. — Cano hirsutus caule (basi fruticoso i) diffuso ramosissimo, ramis flexuosis subaseenderitibus, foliis breviter petiolatis, foliolis obovato euru itis apiculatis, stipulis oblique ovatis subeordatis, foliolis parum brevionbus, braeteis oblongo laneolatis, pedunculis 2—3 plo lougioribus * capitulis subsexflons, dentibus caljeis subulato acuminatis, le^uminibus (immaturis) teretibus liuearibus areuatib ,labns 2j.? — Crescit in graminosis apneu isthmi Gadi tdtii prope templum Sancti Josephi.
- " L PURPUREUIJ Webb in Hook. Niger Evpedit p. 119. t. 6 — Hooker, Icon, plant tab. 757.— Caule fiutescente, ramis diffusis, foliis appre6se pilosis virentibus, stipulis ovatis cum acumine, foliolis late ovatis vel obovatis obcordatisque, calyce urceolato distincte bilabiato, dentibus hneari laneolatis, apice seUceis, labil ~~superioris~~ longionbus, mferioris dente mtermedio laterahbus duplo longiore, carina

rexillo obtusiusculo subbreuiore, alia oblongia brevior. \) — Crescit In St. Nicola*, insula ad Cape de Verd. <-

7. L. BRUNNERI Webb in Hook. Niger Expedit. p. 119. t. 3. — Hooker, Icon, plant. IV. tab. 754. — Caule fruticoso procumbente; foliis pube cinerea appressa sericea; stipulis laevicollatis sessilibus petiolo brevioribus caducis; foliolis obovato-lanceolatis; pedunculis paucifloris; calycibus urceolato-campanulatis sericeo-pubescentibus, dentibus lanceolatis acutis; corolla lutea, vexillo elliptico subacuto, carina sublongiore. \) — *l.* *anthylloides* (?) Brunn. (non Vent.) — Crescit in Island of Sal ad Cape de Verd.

Subtribus III. GALEGAE DC.

6523. DALEA Linn.

(DC. Prodr. II. 244. — Wlprs. Repert. I. 652. II. 855. V. 513.)

1. D. PARVIFOLIA Hook. fil. Transact, of the Linn. soc. XX. 225. — Fruticulosa glabra: ramis diutius divaricuta verrucosis; foliolis suboctonis parvis obovatis obtusis coriaceis, supra concavis, subtus ramulisque nigro-punctatis; spicis terminalibus ovatis sericeo-villosis dunsilloribus; bracteis ovatis acuminatis concavis cum calyce aequilongis; calyce longe villosus, segmentis aubulatis tubo longioribus. \) — Crescit in James Island.
2. D. TENUICAILIS Hook. fit. 1. c. 226. — Fruticulosa diffusa Tamosa giaberrima: ramis nigro-punctatis, ramula plurimis gracillimis foliosis erecto-patentibus; foliis 8—10-foliolatis petiolo filiformi, foliolis parvis obcordatis planiusculis, utiunque nigro-punctatis; spicis in ramulis breviusculis terminalibus vel luterilibus ovatis villosis; bracteis navicularibus gradatim acuminatis; calycis laciniis subulatis, tubo lato ovato dense pilis villosis seticeo. \) — Crescit in Albermarle Island.
3. D. ARGENTEA Martius, Delectus seminum in liorte reg. bot. Monacensi 1846. coll. — Fruticulosa: ramis patentibus, novellis verrucosis villosis-pubescentibus; foliis subquadrijugis sericeo-argenteis, foliolis subaequalibus subsessilibus obovato-oblongis retusis pellucido-glandulosis; stipulis parvis subulatis; spicis terminalibus capitato-oblonga densis; bracteis obovatis mucronulatis calycem villosum, laciniis inaequalibus, ciliatum glaniluloso-flavo-punctatum fere aequilongis; legumine glabro, stylis villosis. \) — Fruticulus pedalis: ramis spithamaeis sursum viridibus aut roseis. Petala pulchre rosea, praeter vexillum paulo minus citrino-virens. Antherae fulvo-aureae. — Crescit in Mexico ad La Aliquiquana.
4. D. PLATYSTEGBA S. Schauer, Linnaea XX. 741. f — Erecta glabra, a basi corymboso-ramosa: ramis tuberculis raris conspersis; foliis 9—12-jugis, jugo infimo basi proximo, foliolis obovato-oblongis, basi obtusa brevissime petiolulatis obtusis, supra eglandulosis, subtus nigro-punctatis, rhachi marginata ad insertionem cujusvis folioli densa glandula grossa globosa obsita; spicis longe pedunculatis ovalibus confertis; bracteis latis concavis subrotundo-obovatis retusis subulato-mucronatis glabris punctatisque, alabastrum obtegentibus, calycem aequantibus caducis; calyce sericeo-viloso 10-costato eglanduloso, dentibus subaequalibus ovatis acuminatis. \) — Crescit In terris Mexicanis.
5. D. MACROTROPIS S. Schauer 1. c. 742. + — Fruticulosa, diffuse ramosa glabra solis innovatibus sericeo-villosis: ramis filiformibus decumbentibus, ramulis tuberculato-punctatis; foliis 7—10-jugis glaucescentibus, foliolis cuneato-oblongis brevissime petiolulatis obtusissimis subretusisve, supra eglandulosis, subtus cum rhachi nigro-punctatis, rhachi submarginata ad insertionem cujusvis folioli serrata grossa prominula quasi dentata; capitulis terminalibus pedunculatis densis ovatis; bracteis caducis lanceolato-navicularibus postice attenuatis sericeis, apice subulato-acuminatis glabris et grosae punctatis, calyce brevioribus; calyce toto subvillosis sericeo, dentibus subaequalibus subulatis tubo subaequantibus; corollae ciliata magna. 5 — Crescit in montanis Oaxacanis.
6. D. LACHNANTHA S. Schauer 1. c. 741. f — Suffruticulosa glabra diffuse ram

- ramis filiformibus debilibus decumbentibus raro tuberculato-punctatis; foliis 4-jugis glaucescentibus, foliolis lineari- vel oblongo-cuneatis brevissime petiolulatis retusis emarginatis, supra eglandulosis, subtus cum rhachi tuberculato-nigro-punctatis; capitulis terminalibus pedunculatis ovalibus confertis; bracteis caducis lanceolatis, sensim acuminatis membranaceis glabris punctatis ciliatis, calyce quadrante brevioribus; calyce toto sericeo-villosissimo, dentibus subaequalibus setaceo-subulatis, tubo longioribus; corolla parva. \) — Crescit in Mexico ad Oaxacam.
7. D. DECORA S. Schauer 1. c. f — Fruticosa erecta, undique tomento brevissimo canescens: ramis virgatis paniculatis tuberculato-punctatis; foliis bi-, rarius unijugis, foliolis obovato-cuneatis obtusissimis retusisve muticis, utrinque nigro-punctatis; capitulis pedunculatis confertissimis globosis; bracteis herbaceis latis subrotundo-obovatis subtruncato-obtusissimis brevissime mucronatis tomentosissimis, calyce duplo brevioribus; calyce toto sericeo, dentibus ovatis acuminatis aequalibus; corolla magna. \) — Crescit in Mexici provincia Oaxacana.
8. D. INCONSPICUA S. Schauer 1. c. 744. + — Herbacea erecta tota piloso-sericea, omnino impunctata: caule ramisque remotis patentissimis gracillimis; foliis petiolatis 2- rariusve 3-jugis, foliolis lanceolatis oblongisve, utrinque acutis submucronatis; stipellis setaceis fugacibus; spicis pedunculatis ovalibus; bracteis lanceolatis tenuiter acuminatis calycem subaequantibus; calycis tubo 10-striato sericeo, dentibus subulatis subaequalibus tuburque subaequantibus, hirsute ciliatis; corolla parva paulo exserta. t) — Crescit in pago Oaxacano Mexici.
9. D. ZIMAPANICA S. Schauer 1. c. 746. f — Fruticosa erecta virgata glabra: foliis brevissime petiolatis 9-jugis glaucescentibus, foliolis ellipticis brevissime petiolulatis, utrinque rotundatis, subtus tuberculato-punctatis, terminali foliolo minore retuso, rhachi marginata ad insertionem foliolorum glandula prominula dentata; spicis breviter pedunculatis ovatis; bracteis lanceolatis subulato-acuminatis, basi margineque villosis, caeterum vero glabris glaucis pellucido punctatis, calyce paulo brevioribus; calyce toto sericeo-villoso, dentibus e basi brevi ovata setaceo-subulatis tubum aequantibus, infimo longiore. fy — Crescit in circuitu urbis Zimapan in Mexico.
10. D. MELANTHA S. Schauer 1. c. f — Fruticosa erecta virgata glabra: foliis breviter petiolatis sub-5-jugis, foliolis perexiguis crassiusculis cuneatis, basi attenuata sessilibus emarginatis, subtus inconspicue punctatis, rhachi sulcata ad foliolorum insertionem dentata; spicis pedunculatis ovatis deinceps elongatis et relaxatis; bracteis lanceolatis subulato-acuminatis, basi margineque villosis, dorso superne glabris, calyce brevioribus deciduis, calyce argute decemcostato plumoso-villoso, dentibus oris obliqui e basi brevi ovata filiformi-setaceis, tubo fere duplo longioribus, infimo nonnihil longiore. \) — Crescit in Mexici provincia Oaxacana.

6523/x TRICHOPODIUM?! *PrsU*

(Prsl. Bot. Bemerk. p. 52.)

Calyx campanulatus aequaliter quinquedentatus decemnervius. Corolla pentapetala, vexillo cordato-orbiculato, alis carinaeque petalis liberis semicordatis conformibus, vexillo duplo majoribus. Stamina monadelphica, filamentis basi in tubum integrum supra superne fissum connatis apice liberis aequalibus simplicibus, antheris oblongis obtusis. Ovarium obliquum uniovulatum, basi acutum, apice in stylum filiformem rectum angustatum. 8 stigmata obtusa. Legumen calyci aequilongum obovatum lenticulari-compressum oblique mucronatum monospermum indehiscens. Semen lenticulare laeve. — Fruticuli Mexican! glaberrimi apice paniculato-ramosissimi: foliis sparsis pinnatis cum impari, foliolis multijugis oblongis mucronulatis lineato-venosis stipellatis, margine glandulis pellucidis instructis; stipulis subulatis minutissimis; pedicellis capillaribus axillaribus; floribus parvis; calyce inter nervos serie glandularum oblongarum proviso; vexillo luteo, alis carinaeque caeruleis palmatinerviis, legumine glandulis globosis obsito.

1. TK. GLANDULOSUM Prsl. I. c. f — Folus imparl pinnatls, foliolis oblongls raucro natis stipellatis, margine glanduloso pellucide punctatis, calytis dentibus acutis. \ — Crescit in Mexico.
3. •Ti1. DIFFU&UM Prsl. 1. c. 53. — *Dulea diffuse* Moric. — Repert. I. C52. no. 7.

6526. **PSOKALEA** Linn.

(DC. Prodr. II. 262. — Wlprs. Repert. I. 655. II. 856. V. 513.)

1. PS. DRUPACEA Bnge. Arb. des naturf. Vereines in Riga I. 221. f — Canestens glandulosa: caule fruticoso erecto ramoso strlato, stipulis linean-lanceolatis liberis, folus simplicibutt breviter petiolatis suborbiculatis inaequahter acute grosse dentatis, racemis axillaribus multiflors folium raultoties superantibus, legumimbus calyce Ion gioribus villosis, pencarpio rebino&o succulento semini adhaerente. ^ — Crescit in ter Bucharam et Samarkand ad fluvium Sarafsthan.
- % VS. MICROCEPHALY Rthb. ex Knze. Linnaea XX. 62. — • Capitulis numerosis Ian gissime pedumulatis in supeuore caulis parte axillaribus. \) — Cresut in Promou torio bonae spei.
3. PS. AUSTR \LASICA Schlchtd. Linnaea XX. 66S. f — Subtanescenti pubescens folia breviter petiolata trifoholata impiesse et subpellucide glandulosa, foliola anguste elliptica, apite obtusa mucronata irregulariter eroso dentnulata, racemi axillares spiciformes», inferne interrupt!, folio suo 4 — b les longiores uiferne nudi, floribufr terms in bracteolarum axillis, calycibus albo nigroque-pilosis, legumine albo sericeo. \f — Crescit in *Nova*. Ilollandia ad Betliamam.

6526/1a **ItUYNCHODIJUI** *Pi si.*

(Prsl. Bot. Bemrkg p. 54)

Calyx campanulatus quinq̄fidus, lacinia inferiore duplo majore. Corolla calyce major, vexillo piano, margine infra medium utrinque glandula globosa in&tructo. Stamina monadelpha demum diddelpha, filamentis fililonnibus. Ovariuin stipitatum o&ato-i>ubrotunduin compressum unj-ovulatum. Stylus terminalis ensiformis pUnus elongatub, bd&i lata insidens. Stigma capitatum. Legumen ovah-subglobo&um, calyce inclusum indehiscens monoj>permum, stylo persistente ensiformi piano ciliato coronatuni.

1. *RH. BITUMINOSUM Prsl. 1. c. — *Pwralea btuminosa* Linn. — DC. Prodr. " 219. no. 35.
2. *RH. ACAULE Prsl 1. c. — *Psoralea acauhs* Stev. — DC. I. c. 218. no. 31.
3. *RH. FOERIDUM Prsl. 1. c. — *Pwraleu foetida* Prsl. (ubi?)
4. *RH. PALAESTINUM Prsl. 1. c. — *Pwralea Palaesttna* Gouan. — DC. 1. t. 21J no. 34.
5. •RH. SERICEUM Prsl. 1. c. — *Ptoralea sericea* Ker. — DC. 1 c. no. 36. — &^{lo} *senna capitatum* E. Meyer. — (Wlprs. Repert. I. 783. no. 10.)
6. *HH. BIRTUM Prsl. 1. c. — *P>oralea hirta* Linn. — DC. 1. c. 217. no. 16.

6530. **IN DIG OF*, HI** Linn.

(DC. Prodr. II. 221. — Wlprs Repert I. 660. II. 856. V. 514.)

1. I. DECORA Lindl. Journ. of the hort. soc. I. 68. — Bot. Resist. 184d. t ^{*L}
T'' **cosa glabra glaucescens folus pinnatis, foliolis 2 — 5jugis » exatte ovatis o
tuberous
Fr. maxime pucrone, subtus pins sparsis peltatis obsitis, Tatemis densis loi»» u r
t^{USIS} cum nwn^{4, A'} Piano membranateo quinquedentato, vexillo oblon^o > < arin
brevioribus cilis villosis. ^ — Crescit in China ad Miangai.
margine su^ embre^l e . B JPR^{mrkn} S . * . t - Pulescent-inc.na. r»ms c«
2. I HETEROPHYLLA ^{rosse} r ^{stis. r. m. g. h. brev.} lanceolatus mucronulatus, mpe
pressis, folus breviter petiolatis, inferiorib. ^{lanceolatus mucronulatus, mpe}
rioribus imparipinnatis bijugis, foliols obovatis mucronulatis, lateralibus oppositis.
racemis axillaribus folio longioribus, leguminibus tereibus pentaspermis pendulis.
— Crescit in America intratropica, verisimiliter in Mexico.

- 3.1. MICROSTACIYA PTSI. 1. c. 54. f — Fruticosa ramosissima, pube adpressa cana: foliis simpliribiis lineari-lanceolatis obtusis, in petiolum angustatis; racemis axillaribus sessilibus folio multo brevioribus, floriferis giomeruliformibus; leguminibus sessilibus pendulis tetraquetris cano-pubescentibus di — trispermis. \) — Crescit in in insulis Indiae orientalist.
1. I. ORTHOCARPA Prsl. 1. c. p. 50.4 — Fruticulosa ramosissima, pube adpressa ctenrasrens: foliis pinnatis quadrijugis, foliolis oppositis petiolulatis ellipticis mucronatis, basi uhtu&is, supra demum glabris, terminali longius petiolulato, petiolo elongato; stipulis setaceis; spicis axillaribus folium aequantibus multifloris pedunculatis; leguminibus teretibus elongatis rectis patentibus polyspermis; rhacht fructifera apice nuda spinescente. /) — Crescit in America aequatoriali.

f Icones oddendae.

- I. PEDICELLATA Wght. & Am. — (Repert. I. 068. no. 93. et Emend.) — Wght. Icon. pi. t. 983. et Spicil. Neilgerr. I. 46. t. 56.
- I. PULCHELLA Rxb. — (Repert. I. 669. no. 43. II. 857.) — Wght. Spicil. Neilgh. I. 4(i. tab. 5j.

6531. OXYIUIAUIPHIS Wall.

(Wlprs. Repert. I. 672.)

1. * O. MACROSTYLA Wall. — Wlprs. 1. c. - Lindl. Dot. Regist. 1846. tab. 28.

6532. GLYCYRIUIZA Tournef.

(DC. Prodr. II. 247. — Wlprs. Repert. I. 672. II. 857.)

1. GL. FLAVESCENS Boiss. Diagn. plant, orient. VI. p. 33. — Caule humili angulato rubello pubescenti-hirtello basi nudo, stipulis ovatis magnis foliorum abortivorum squamoso, dein folioso parce ramoso; foliis 4 — ti-jugis, foliolis petiolulatis nigrescenti-viridibus ovatis obtusis, subtus ad nervos marginemque pubescentibus; stipulis longis latiuscule linearibus acutis; floribus in spicas densas elongatas breviter pedunculatas folia superantes axillares dispositis; pedicellis brevissimis; hracteolis id squamulamminutissimam reductis; calycis hirtelli labio superior*! brevissimebldentato, dentibus triangularibus, inferioris tridentati dentibus lanceolatis tubo triplo brevioribus, intermedio breviori -, corolla flavescenti vexillo plicato-compresso acutiusculo alas paulo superante, alis lineari-falcatis, extremitate subdilatis rotundatis, carina alas subaequante diphylla obovato-spathulata obtusissima; ovario elongato; legum^{ine}. . . . ? 2|. — Herba 8 — 10-pollicaris, folia 3-pollicaria, foliola semipollicarla 2 — 3 lin. lata. — Crescit in Cilicia circa Adana.

6538. APODYtfOiHEtfe E. Mey.

(Wlprs. Repert. I. 673.)

1. *A. MEYERI Prsl. Bot. Bmrkngn. p. 57. — *Tephrosia grandiflora* E. Mey. (nee DC.) — *Apodynomene grandiflora* E. Mey. Comm. I. 111. — Wlprs. Repert. I. 673. no. 1.

6541. imONGNIARTIA. // . B. KtK

(DC. Prodr. II. 475. — Wlprs. Repert. I. 678. II. 85S.)

1. BR. ROBINIOIDES Kth. Index semin. hort. Berolin. 1845. collect, p. 12. — Ramollis pilosis; foliolis 8 — 9-jugis cum impari, elliptico-oblongis, obtusis, mucronatis, supra glabris, subtus pubescentibus, junioribus utrinque, praesertim subtus subargenteosericeis; floribus axillaribus, ternis, longe pedunculatis; peduuculis villosopilosis; calycibus sericeo-pubescentibus, basi bibracteatis; bracteis oblongo-lanceolatis, hirs<tis, calyce dimidio brevioribus; corollis glabris. \) — *Robinia squamata* Hort. Rerol. 1844. — *Astragalus frutescens* Hort. Berol. 1845. — Folia semipedalia, foliola 12 — 14 jj_n# longa. Stipulae liberae, oblongo-subfalcatae_f pubescentes. Corollae sordide purpureae. Variat glabrior foliolisque minoribus. — Crescit in Chlll.

6543. XIPHOCARPUS Prsl.

(Wlprs. Repert. I. 678. V. 516.)

1. X. MINOR Zollinger, Flora (B. Z.) 1847. p. 693. — Suffruticosus: ramis valde persistentibus pedunculisque angulatis sericeis; foliis 5-jugis cum impari, foliolis ovali-oblongis longis retusis; corolla extus appresse fuscescenti-sericea, intus glabra alba. — Crescit in arenosis planities Javae orientalis.

6547[^]. TOXOTROPIS Turczan.

(Turczan. Bulletin de Moscou XIX. 506.)

Calyx ebracteolatus bilabiatus, labio superiore late subulato obtusiusculo, leviter bidentato, inferiore tripartite, laciniis subulatis acutis. Corolla papilionacea, petals stipitatis, vexillo orbiculari ovato integro alas utrinque appendiculatas aequante, carina rostrato-falcata brevifere. Stamina diadelphea. Ovarium stipitatum lineare multi-ovulatum. Stylus filiformis glaber, stigma falcato-incurvum crassum, utrinque sulco profundo exaratum. Legumen ignotum. — Arbor seu frutex ramosissimus foliis tempore florendi vix evolutis, imparipinnatis* 5—6-jugis pubescentibus; floribus e gemmis lateralibus et terminalibus cum foliis fasciculatis parvis.

1. T. JAEGERI Turczan. 1. c. 507. — Ad *Corynellam* ab auctore relatum, sed ab hoc genere jam carinae forma praeter aliam signat recedit. An *PoUeis* notius consociandum? at ralyos nequiquam truncati, quadri-»ec quinquepartiti laciniis elongatis nee brevisunus. Habitus potius *Carayannam* quam *Rob iniarum* aut *Galeaarium*. Flores in sicco pallide rosei, carina saturatiore. Vexillum basi macula virescente notatum. Carinae petala basi libera. Antherae ovato-rotundatae. Stigma falcatum seu arcuatum, dorso jugo longitudinaliter elevatum, sulcis ab area basilari utrinque separate. Stipulae subulato-setaceae. — Crescit in Haiti insula.

6554. DAHLIA XTOMA DC.

(DC. Prodr. II. 267. — Wlprs. Repert. *I. 68K)

PUNICEA DC. 1. c. no. 1. — Paradis. Vindobon. fasc. XIII. (c. Ic.)

6558. CIESVEYA Lindl.

(Wlprs. Repert. II. 859.)

1. CH. KOTSCHYI Boiss. Diagn. plant. orient. nov. VI. pag. 34. — Tota dense velut in cano-cinerea: caulibus brevissimis a basi foliosis* prostratis; foliis 3-jugis cum impari, foliolis oppositis subseasilibus approximatis ovatis truncato-retusis muticis; stipulis subrotundis apice integris vei 3—5-dentatis; pedunculis 1—2-floris petiolo brevioribus; calycinis dentibus triangulari-lanceolatis acutis, labii inferioris dente internedio lateralibus dimidio brevioribus; corolla violaceae vexillo extus velutino junioribus (junioribus) dense albo-tomentosis, breviter mucronatis. h Crescit to monte Kotele Malo prope Dalechi.

6561. COLUTEA Linn.

(DC. Prodr. II. 270. — Wlprs. Repert. I. 682.)

1. C. PERSICA Bolss. Diagn. plant. orient. nov. VI. p. 33. — Fruticosa glabra: ramulis junioribus pellicula albida tectis junioribus remote trijugis, foliolis cernosis glaucescentibus brevissime petiolulatis subrotundis obtusis vel saepius cernosis emarginatis; pedunculis 3—5-floris; calyce margine nigro-ciliolato; vexillo simplicibus obsoletis, alarum oblongo-linearium, margine convolutarum, carinae subaequilongae garum lobo basilari ungui subaequilongo, carina obtusissima; leguminibus longe stipitatis demum apice hiantibus. — Affinis *C. Halepplcae*, *cruentae* et *arborescentis*. Crescit in fauce Perezend, in umbrosis faucium montis Kuh-Delu.
2. C. MICROPHYLLA Delile, Ind. seu Hort. reg. Monspeliensis 1847. p. 7. — f. ^{colli}

pmnatis 6 — 12 jugis, foholis ovatis mutronulatis, subtus pubescentibus, sensim dimi
uutis a hāM ad apicem petioli, stipuhs brevibus acutis, racern florum axillaribus,
vexillo et alis cruentis stnatis, fiuctu ventricosokuso, semimbus compressis rent
founibus, indutis testa foveohs msculpta. \) — Cr«*sut in Ab>ssiua.

656*2. SWAIX&OXA. *Sahsb.*

(DC Prodr. II 271. — Wlpis. • I. 682. II. 8bO.)

I, SVV. GREY ANA Lindl. Dot. Regist. 1846. t. 66. — Suffmticosa intano tomentosa.
foholis o — 8jugts oblongis retusisve, rat em is multiflons folio longioubus, calycibus
lanatis bibracteatis, legumimbus glabus inflatis, stipite androeteo longiore. 2J. —
Crescit in Nova Hollandia

6568. CARJIIIIAELIA [f, Br.

(Wlpis. Uepeat. I 084.)

1. C. CUNNINGHAMI Raoul, Clioix de plantes de la Nouvelle Zelande p. 29 — Ramis
teretibus, lamuhs ant ipitibus foliatis stnatis glabernmis, raceims brcvissiniis, legu-
minibus ovatis acutis tians verse rugosis glabris nigrescentibus, semimbus remformi
compressis concolonibus lutescentibus. \) — I¹ rateY lamosissimus debilis habitu C.
auntrahs, sed robustior, 2 — 3 mtrailJ». Rami teretes, cortice fusce¢e laevi
par um rimoso vestiti, novelli erectu patentcs ancipite** , efohosi dentati striato venosi,
apice obtusi. Racemi bre\es vi\ centimetr. longi pauciflon I lores. . . .? Legu-
men 1 — 2 spermum ovoidtum apiculatum tian&eise rugosum mgiescens, basi indu-
biatum, rcplo ciassiusculo post vulvorum lapsum pcisistcutc, valvii mtus &cptoque
an^u&to cellulan spongio&is. Semen compr&sum remfoime lutescens — Crescit in
Nova Zeelandia.

bubtribus IV. ASTRAGALEAE DC

6569. SPIIAKItOPIIIVA DC.

(DC. Prodr. II. 270. — Wlprs. Repert. *I. 684 II. 800)

1. *SPH. SALSULA DC. 1. c. 271. no. 1. — Trautvett. Imagin pi. fl. JUu&s, tab. 33.34*

6571. PIACA Linn.

(DC. Prodr. II. 273. — Wlpr&. Repert. I. 684. II. 860. V. 517.)

1. PH. ZERDAJNA Boiss. Diagn. plant. orient. nov. VI. p. 34. — Perenms acaulis
caebpito&a, totapube adpressiuscula cinerascens stipulis membianaceis Uiangulanbus
brevibus ltbens, folus 5 — Ojugis, foholis miumis oblongis tiuncatis, scapis gracil
limis folia aequatibus vel fcuperantibus, floubus b— 10 violaceo caeuleis in capitu-
lum approximatis, calvtis corolla plus dimidio biewons ni^io buti dentibus parvis
obtusib, tubo plus triplo brevioibus, vexillo alas tarinamque {ibbam superante, le-
gumine calyce tuplo vel quadruplo longioie olilon_o, a dorso Mibcompies&o, facie
buperioie canaliculato, uifenoie carmato bubincurvo bievitei mucrouato ilegantissime
matuhs albis puipuieisque variegato. 2J. — *Attrugulu* Ztrdunus* Boiss. (Repert. II.
8u8. no 34) — Crescit in alpbis Zerdkob in glareosis montis kuh Dacna.
- 2 PH OVIGLRA Boiss Diagn plant nov VI p. 35. — Caudictbus lignosis pro-
cumbentibM, cauhbus brevissinns, petiohs confertis longis ri^idis apice spinosis
10— 12jugis, foholis parvis ovatis, peduncuhs 2—3 lions folio triplo brevionbus,
floubus_?, legumine magno mtlato ovato corneo umlotulari purpureo - albo
picto. 2|. — *Astragalus ovigerus* Boiss — (Wlprs. Repelt. II. 873. no. 64) — Cre-
scit in Persia.
- 3 PH LDMONSTONEI Hook. fil. in Transact, of the Linn soc XX. 227. — Caule
decumbente subramo&o petiohsque subsenceis, foholis subnovemju_{dis}, anguste ellp-
tico obovatis subacutis, utiinque senceo pubescentibus, peduncuhs folium superan-
tibus, racemis oblongis paucilloris, dentibus caljciuis subulatis, pctahs breviuscu-
^, legurmnibus obovatis intatus, bieviter stipitatis, tenuissime tomentosis, demum
glabratis. 7. — trescit in Galapagos et in Charles Island.
4. PB. VOGELII Webb, in Hook. JNiger Expedit 124. t. 8. — Hooker, Icon, plant. IV.

tab 763 — Cineio villosa lamis gncilibus elongatis foliosis decumbentibus, foliis subsexjugis, foliolis parvis ovatis, spinis axillanbus densiflons, folio demum subiloplo longioribus, flonbus exiguis sessilibus, calyce cimpanulato pilosissimo, dentibus linealibus subiequalibus, corolla calycem vix excedente, legumme minimo in flato elliptico-ovato acutiusculo pilosissimo 2j. — Crescit in montibus insulae St Antonio ad Caput de Veid.

- 6 PH ANMJA Ge>er mss in Hook. Loud, journ. of bot VI 213 — Annu simple* erecta vcl nmosa prostrata < anescenti hirsuti ram is flexuosis, foliis pimntis, foliolis linembus obtusis, laceinis axillanbus copiosis ilonferis folio brevioribus, fructifens sublongioribus, flonbus paivt> ochrolucis, calyubus sericeis corolla dmmlil minonbus, legiimimbus ovatis membranaeis uiflatis (4 unc longis) suisum cur<ati< acuminatis 0 — Ciesut in Amcuca boreali in plantiebus arenosis <id Platte river

6372. OXYTROI9 DC.

(DC. Pjodr. II. 275. — Wlpis. Repert I. 690. II 861 V. 517)

- 1 O LEIMANJNI Bnge. Arbtn des naturf Vereines in Riga I 225. f — Ciulibus abbreviatis decumbentibus, stipulis a petiolo subliberis inter be connatis oppositifolins, foliolis utrinque adpresse &ubseis elliptico oblongis acutiusculis 5—7 JUSIS> scapo dtmum folia plus duplo super inte adpresse albo nigroque pubescentt, i ic< n& pauci (sub 8)floro, bracteis linearibus pedicellum vix superantibus, iloribus . ?> dentibus calycis (adpre&se rngro pilosi intermixtis pilis longioribus) subulatis, tubn di mitlio longioribus, legummus erecti ovato oblongi acuminati membranacei umlocularis brevissime adpiesse nigio pilo&i stipite talycis tubum aequante. 2j. — Crescit t° alpibus Karatau
- 2 O. CHRYSOCARPA Boiss Dia^n plant, orient, nov. VI p. 34 — Acaulis cespitosa tota ar^enteo cana foliis 10—11jugis, foliolis ellipticis plicatis approximate, seapis folia \ix supstantibus subcapitatis 6—9 flons, biacteolis linear membranaceis pedicello longioiibus, calycis lacinus nigcantibus tubo panlulum longioribus seta ccis, vtxillo oblongo retuso alis longiore, ahs obtusis carina lon^ioubus, cauna p^rum ^ibba sub apice rotundato longe setaceo mucionata, legumimbus oblongo cyb^n drcis obscuie tiiquetns incurvis in mucronem attenuatis longe et patule flavesciiti hirsutis 2j. — Afflius *O Persicae* et *Auchen.* — Crescit in glareosis calcareis nVil' lib us alpium kuh Delu et Kuh Daena Persiae.
- 3 O IMIDDLNDOIUI Trautvett in Middendorffs Sibir. Reise 49 f t 7. — Subacau Its dense caespitosa viridis, pilis patulis glandulisque mamfestis sessilibus undiq^{ue} obsita pinnis foliorum numerosis ellipticis oblongisve ciliatis, scapis folia aequai'tibus, capitulis sub^lobosis ovoideisve 4—multiflons, flonbus speciosis, biatteis^{her} baceis penanthium subaequantibus, perianthu tubo nigro hirsuto, latinus dinndif⁰¹ tubum aequantibus parce pilosis dense gUndulosis, vexilli lamina suborbiculatath subquadratis carina duplo lationbus, legumimbus erecto patulis ellipsouleis nigrutis, acumine lecto longiusculo 2j. — Crescit in Sibma ad fl Taimyr

6572/2. DIPLOTHECA *Ilochslett.*

(Hochstett Hoia [II. Z] 1840 p 595)

Calyx tubulosus vel campanulatus quinquedentatus, dentibus duobus superioribus brevioribus latioribusque. Corollae papilionaceae vexill^{littl} alas aequans vel superans, carina obtusa Stamina decem^{ant} vexillari hbero diadelpa. Ovarium stipitatuin multiovulatum, ^{stylus} ascendens, stigma capitellatum. Legumen compressum scariosum, ^{sutura} carinali arete nitroflexa complete bilocellatum oligo&permum vel ^{poly-} spermum. Semina remformia.

1. D. ABYSSINICA Hochst. 1 c — Cauhs erectus 3-4 ped Uis vel altior stnato suU glaber, stipulae foliaceae liberae maximae, alteio latere ovato cordatae, apice acu^{lav} folia 9—15juga glauco vindia, petiolus stnatus, foliola obiongo elliptic*^{sub|> ol} hcana lategerruna et glabernma, apice mucronulata, racemi versus apicem ca^{ul}

axillares terminalesque elongati, pedunculi sulcati, flores othroleuci, legumina deflexa Meaia oblonga, utrinque angustata compliata transverse venulosa glaberrima subpellucula longe stipitata, apice acuta incurvata, senaria in loculis singulis 4—5 2i — *Astragalus Abyssinian*, Steudel mss. — *Wormia Abyssinica*, *Jatam Agassem*. — Ciescit ad latera montium valles profundae l'iferi non ad latus boieale montis Schodola.

- 2 D. VENOSA Hochst 1. c. 596 — Caulis erectus bipedalis subangulatus, inferius glaber, superioribus partibus immixtis impressis parce conspersus, stipulae pinnatis, sed multo minores, parum cordatae, folia 9—13 jugi, foliola elliptico lanceolata vel oblonga 4—6 lineas longa nitida, pubes pilosiuscula, apice muticula, flores latemose othroleuci pinnatis, sed fere duplo minores, legumina pinnatis, paulo tamen breviora, apice parum angustata mucronata, semina in loculis singulis 3—4 2j. — *Adrayalu* venom** Hochst. mss. — Ciescit ad ripas regionis septentrionis montis Schodola prope Adoam, nec non in distincto Memsach prope Genniani ad radices montium.
- 3 I) VTKOPILOSULA Hochst 1 c 5% — Caulis a basi lamosus bipedalis v. altior strigatus, pubescentia pilosulus, stipulae majores quini in *D. venosa* nec tamen aequae magnae ac in specie puma, ovato cordatae, folia praecedentis, sed foliola paulo majora (plenimque semipollicana), lacini axillares et terminales folio longiores, peduncululij, pedicelli, calyces et legumina pilis minimis atque appressis conspersi, *Wormia* purpurascens, legumina longe stipitata elliptico oblonga utrinque acuta mucronata, femina in loculis singulis 3—4 2j. — *Astragalus venosus* var. *atropurpureus* Uoch&t. rim. — crescit in montibus Simensibus prope Demensi.
- 4 D (ASTRAGALUS Hochst mss.) TIGULIMUS Hochst. 1 e. 1% — JSecundae speciei statuaria, habitu et foliis simillima, magis tamen glabra et legumina paulo minoria, verum apicem retorta subacuta nec mucronata, semina in loculis singulis 2—3. 2j. — *Wormia* ignota, sed ex leguminibus fons species distincta esse videtur. Nomen Abyssinicum „Uamit Kohita". — Crescit ad declivitates septentrionales legionis mediae et superius montis Kubbi.

6573. ASTRAGALUS DC.

(DC. Piodi. II. 281. - Wlpr. Repert. I 694. II. 863. V. 517.)

Sectio I. PLURASCENTES DC.

§ 1. HYPGLOITIDEI DC. 1. c. 281 — Repert. I. 695. II. 8C3.

- 1 A. ARBORESCENS Bnge. Aitn. d. natif. Veremes in Ri^a I. 229 f — Caule erecto ramoso arborescente, pilis densissimis bipartitis bievibus cano, stipulis oppositifolius connatis vaginatis obtusis membranaceis, demum glabris ruptis, foliis inferioribus, ternatis, superioribus ternatis (rarius geminis) pinnatis, petiolo elongato persistentibus, foliis oblongo vel obovato ellipticis obtusis v. emarginatis, supra glabris, subtus pubescentibus bipartitis adpressa vestitis, racemis pedunculatis abbreviatis folium subaequantibus 5—12 (lons, biacteis pedicello brevioribus ovatis imbricatis ulabus, tubo calycis demum rupto. id. presse puberulo, dentibus lanceolatis subduplo longiore, l' gumine sessili turgido oblongo ovoideo obtusissimo longe villosa bilocula, loculis subseptemovulatis subdispersis. t)? — *A. paucijugus* Schueuk? (Repert. V. 517.) — Crescit in arena mobili Ksil kum, Batkak kum.
- 2 A. UMI OLHTUS linge. 1 <. 231 f — rufus divaricatus ramosus inferius canescens ramis teretibus lacvibus, stipulis connatis oppositifolius membranaceis, petiolo abbreviatis (rarius 3) foliolatis, foliis orbiculatis ellipticis, utrinque partibus tectis, racemis pedunculatis elongatis, folio multoties longioribus, calycis denum rupto senceo pubescentibus dentibus ovatis abbreviatis, legumine semiovato turgido acuto sessili albo villosa calycem vix duplo excedente bilocula, loculis subnionospermis 3) — Ciescit frequenter in arena mobilis Ksil kum.
- 3 A. KARAKUGENSIS Bnge. 1. c. 232 f. — Iuticulosus divaricatus ramosus spinescens, adpressa canis ramis subangulatis, stipulis connatis oppositifolius membranaceis senceis, petiolo elongatis persistentibus spinescentibus 3 rarius 3 foliolatis,

- foliolis luieanbus elongatis acutis, utnque adpiesse canescentibns, racemis sessilibus elon_{at}is dissitiflons, calycis sericei demum rupti dentibus abbreviate legumine* bemiovalu compressiusculo ciljcem pirum excedente, dense breviter senceo villosobiloculan loculis quaduovulatis submonospermis /) — Crescit in collibus arenosis ad lacum Kara ku_{9a} adjacentibus
- 4 A AMWODENDRON Bn_{pe} 1 c 233 f — Fruticosus ramosus subspmscens, pilis bipartitis densissimis adpressis argenteo canus stipulis oppositifolus connatis s membranaceis bicuspidatis mcanis, petiolis elougatis bubpersistentibus, fuhohs tei quinsive (rarissime septems) lineanbus elon_{ati}*t acutis, utnque albo senceis, r mis subsessilibus petiolo dupl > lou_{pi} jribus multillons, bracteis pedicellum subaeqitibus villosis, calycis in fructu illiesi patulo villosi dentibus lanceolatis tubum diiiu dium siibaequantibus ilis emir_enatis, legumimbus longc strpitatis calyce duplo lon* gionbus oblon_ois subc)mpressis acummatis lon_{pe} villo&is biloculanbus, loculis 6 — 7* ovulatis /) — Crescit ad littora mans Caspii inter Nowo Alexandrowsk et promontorium Airakh
- 5 A MUSOGARICUS Bnge I c 23b f — Suffruticosus raulticaulis vindis caulibus simplicibus glibus lucidis, stipulis basi connito vaginantibus, supenoubus subliberis glabns, petiolis abbreviatis 3—5 foliolatis foliolis elon_{at}is lineanbus acutis sub* glabns, pedunculis folium supeiantibus, breviter racemosis, bracteis minutis lanceolatis membimaceis, peduellum supcruntibus, calycis cylindrici ni_ero pubtscentis dentibus subulatis, tubo tnplo brevionbus, legumimbus obovato oblongs in stipitem brevem attenuatis, dorso sulcatis, ventn cnmitis, oblique rostratis tenuisslme puberulis semibiloculanbus \. — Crescit in montibus Musogariis
- C A DAENEXSIS Boiss Dia_n plant orient nov VI p 35 — Perennis caespitosus totus adpresse cinciascens caulibus tenuibus adsrendentibus diffusisve stipuli* in unam membranactini ilbidam oppositifoham brevissime bidentatam klabram c^oa itis, petiolis subnullisj foliolis sub IOjugis ellipticis approximate acutiusculis, p^e dimculis folio bicvionbus terminalibus capitato 6—10 flons, mflorescentia omm ad presse ni(i o-pilosa, calyce tubuloso corolla dimidio brevior, dentibus hnean setacels tubo vix bievionbus, corolla violacia, vexillo lmeari rectuso alas cannamque mult⁰ superantt Itgumine ? 2j. — Habitus^ Lydit — Crescit ad later i meridionalia montis Kuh Dačna Ptrsiae austrahs

§ 2 DISSIIIFLORI DC 1 c 284 — Repert I 696 II 8C4 V 517

- 7 A MACROPUS Bnge Arb_{tn} des natuif Veremes in Riga I 238 f — Pilis bipar^{tr} adpressis sub can scens caulibus basi sublignosis abbreviatis, stipulis libens mum^{tr} lanceolatis acutis folns longe petiolatis 9—13 foliolatis foliolis linean oblongis obtusiusculis supra ghbratis, pedunculis caule multoties longionbus, racemo dis>stitif^{ro} abbreviato, bracteis ovato oblongis acutiusculis, calycis adpresse albo nigroQ^{ue} pilosi dentibus subulatis, legumimbus erectis demum glabratis oblongo lineirib^u breviter rostriatis compressis complete biloculanbus \ — A subulatus Uralensu^{ria} — A, virgatus |3 Uratensis DC. — Crescit in Rossiae provincia Orenburg, in arenos^{is} ad 11 Ulck
- 8 A SCLERO^YLON Bnge 1 c 241 f — Fruticosus ramosus, pube bipartita >ntu^d pressa incanus stipulis basi petioli adhaerentibus inter se libens extus mcanis, >ntu^d glabratis, ovatis foliaceis, foliolis mferioribus sessilibus ternatis, foliorum sup^{rio}rum 3—5 cuneato vel lineari oblongis obtusiusculis, pedunculis folio multoties long^o bus apice pauciflons, bracteis late ovatis pedicello plus duplo longionbus, ca^{ca} tubo cylmdraceo basi gibbo patenti senceo villosob nigroque piloso, dentes lan^{eo} lineares quadruplo superante, legumimbus (ovano linean calycem ac^j dense senceo villo&o multiovulato) \) — Crescit In lapidosis gramticis prope Baker

§ 3 ONOBRYCBIODEI DC. 1 c 285 — Repert I. 698

- 9 A HUMILIS Geyei mss in Hook Lond journ of bot VI 211 — Cano sericeum radice fusiforml, fohig omnibus radicaibus petiolatis plnnatis pinnis 3/4 unciam lon

gis, obovato ellipticis, utrumque plerumque acutis, stipulis I, scapis folio breuoribus paucifloris, le^umm (unciam longo) ovato acuminato pilosulo carnosulo CTASSO loinpresso rugulo^o, apice uncinato deflexo. 2]. — Crescit in Amenta septentrionalia „on the Black Hills“.

§. b. *APINULARES* DC. I. c. 280.

- 10 A. *COMMIXTUS* Bnge. Arb. des naturf. Vereines in Riga I. 246. f — Subcaulis, pube patula canescens. stipulis ovato lanceolatis uliatis membranaceis, foliolis 3—13 oblongo ellipticis obtusis, pedunculis (plerumque) folium superantibus, racemis abbreviatis 2—5 densis, calycis cylindrici dentibus tubum dimidium superantibus rectiusculis, vexillo lamina basi auriculato dilatata in appendicem spathulatam rotundatam producta, leguminihus pube dupli canescentibus laevibus compressis, dorso profunde sulcatis erectis sursum incurvatis, apice inflexo hamatis. 2]. — Crescit in collibus siccis lutaceis prope Agatme et Kiragata.
- 11 A. *QUADRISULCATUS* Bnge. 1 c. 248. 1 — Pilis simplicibus patulis luscidulus diffusus* stipulis lanceolatis acuminatis parte ciliatis, foliolis cuneato obtusis 3—5 jugis, racemis subternis, pedunculis folia superantibus, calycis cylindrici dentibus tubum dimidium aequantibus, vexillo oblongo elliptico, le^uminibus eiectione elongatis, sursum arcuatis, apice inflexo hamatis glabris reticulatis subtetradonidis, dorso, ventre latiusculis sulcatis. 2]. — Crescit in collibus siccis lutaceis prope Agatme.
- 12 A. *BAKVUENMS* Bnge. 1 c. 249 + — Brevitauhus foliolis 5-7 ellipticis acutiusculis obtusis adpresse pubescentibus, pedunculis folio longioribus racemoso subternis, dentibus calycis tampanuliti lanceolatis, tubum aequantibus, vexillo latissimo apice bilobo, talycem pluries excedente, canna obtusissima talycem duplo, alas vix superante, legumine (juniore) lineari dorsum leviter arcuato setto pubescente. 2]. — Crescit prope Bakali.

Sectio II. *OCUROLEUCI* G.

8. 7. *BUCERATES* DC. 1. c. 290. — Repert. I. 702. H. 867

- 13 A. *EPIGLOTTOIDES* Willk. Botan. Zeitung 1843 col. 428 — Multicaulis ramosa, caulis astendentibus erectis ramosis, stipulis lanceolatis calycibusque nigro-villosis, foliolis 4-5 jugis lanceolatis acutis, spicis multifloris, floribus capitatis, fructifens longissime pedunculatis, le^uminibus dense imbricatis deflexis ovato-acuminatis bifidis, margine rephatis pubescentibus dispermis, semtibus subreniformibus palhd. © — Tota planta pilis stngosis albis adpressis canescens, caulis pedibus, floribus parvis ochroleucis, pedunculis fructifens folio triplo longioribus erectis, legumibus 8—12 in spicim cylindricam 1/2 — 1 pollicem longam densissimam congestis. — Crescit prope urbem Malaga in Hispania.

§. 8 *SYNOUREATI* DC. 1. c. 291. — Repert. I. 703. H. 867.

- 14 A. *HYPOLEUCUS* 5 Sthauer, Linnaea XX. 747. f — Repens caulis bipithamais erectis, cum pedunculis leguminibusque albo tomentosis, folus subsessilibus 8—10 jugis, foliolis subsessilibus lanceolatis acutis, utrumque argenteo sericeis, stipulis concretis bifidis, pedunculis folium duplo excedentibus, racemo bracteato trifloro, calycibus cum bracteis pubescentibus, alio nigro et albo valid subvillosis tomentosis, legumibus nutantibus triquetris leviter arcuatis bilocularibus. 2]. — Crescit in montibus Mexici.

§. 11. *ALOPECUROIDEI* DC. 1. c. 294. — Repert. II. 869 V. 518.

- 15 A. *OBCORDATUS* Boiss. 1 c. 38. — Perennis caulescens erectus. caulis teretibus albidis erectis subsimplicibus, folus patulis lemote 8—9 jugis, petiolis pubescentibus, foliolis orbiculatis rotundatis, superne glabris, inferne adpresse canescentibus, mifimis cauli subcontiguis, stipulis longis setaceis, pedunculis axillaribus folio dimidio brevioribus, capitulis globosis, floribus sessilibus, bracteis setaceis calycem aequantibus, calycis longe hirsuti dentibus lineari setaceis tubo paulo longioribus, corolla paulo brevioribus, vexillo obtuso vix retuso alis vix longioribus, canna incurvo

gibba alae aequante. ZE — Affinis J. obhisifalio. ^{At}Crete ad Rhaetiam...

17. A. ERYTHUOTAEMIS Boiss. I. r. a. it. Hb. — ERYTHIMIS. totus vultu hirsutus... caulis erectis stipulis... N. 8—20 jugis... flos superne glabris...

18. A. DECURRENS Boiss. I. r. a. it. Hb. — DECURRENS. totus vultu hirsutus... caulis erectis stipulis... N. 8—20 jugis... flos superne glabris...

19. A. TURKINIITIS Boiss. I. r. a. it. Hb. — TURKINIITIS. totus vultu hirsutus... caulis erectis stipulis... N. 8—20 jugis... flos superne glabris...

20. A. TURKINIITIS Boiss. I. r. a. it. Hb. — TURKINIITIS. totus vultu hirsutus... caulis erectis stipulis... N. 8—20 jugis... flos superne glabris...

21. A. TURKINIITIS Boiss. I. r. a. it. Hb. — TURKINIITIS. totus vultu hirsutus... caulis erectis stipulis... N. 8—20 jugis... flos superne glabris...

Vertical text on the right side of the page, likely bleed-through from the reverse side, containing botanical descriptions and references.

lanbus breviter ði iiumiii ids c>lindncis , bucteis Knceolitis folnceis, caljnbus bi
bracti ol itis dense sent (o vtlutinis, demum globoso vesicims MIIOMS , le^uminibus
btppittis ovatis subtnquetns, calyce multo bievionbus angustionbusque, dense sen
ceo villosis biloculanbus multiovolatis dispermis 2J. — Cres>cit in deseito Kara kum
ad Itcum Aral.

Sectio III. TRAGACANTHACEI DC.

§ 13 TRAGACANTHAE DC 1 c 295 — Repert I 705 II. 871. V 518

- 22 A ARGAROSTACHYUS Boiss 1. cit p 41 — Suffruticosus adpressissime senceo
cauus cuibus brevissimis, petiolis vetustis stnctis hoindis, stipulis petiolo adnati9
tringul inbus membrinaeis cihatis, pitiohs tomeutcllis 5—Sjugis, apvce bievtsstime
spinuJosis, foholis oblongij* obovitisve parvis plants obtusissimis mucronulatis, pe
dunruhs folia duplo supciantibus, capituh conicis densis, bricteis membr inaceis
fu&cescentibus si nceis ovato cucull itis acumtnatis calyces subacquantibus , calycis
adpiesse plumosi Iacinus setaceis corollam subaequantibus tubo dimidio brevionbufi,
corollae purpureae vexillo bast longe attenuato al» vtx longioie, cirma ahs longe
an_ouiculatis aequilonga f) — Afflms A. *ebenoidu* — Crescit in dechvibus montis
Kuh Ajub pi ope Persepohn.
- 23 A PTYCHOPHYLLUS Boiss 1. cit. p 42. — Fruticosus, totus adpresse senceo
canus cauhbus basi petiolis patulis foliorum vetustorum hoindis, stipulis petiolo
aduatibus membranaceis latis hievis*imis auneuhformibus OMUMS, petiolis ilavidisbasi
dilatata nervosa approximate 5—7jngis, apice breviter spinosis, foholis minimis
rotundib mutuis comphcatis, spicis longe pedunculatis < yhndncis laxis, llonbus ses
sihbus, bracteis oblongis membranaceis tomentosis dtuduis, calyce quadruplo bre
vionbus, caljcis pilhde Tubelh tomentosi ventncosi, demum milato globosi licinus
setaceis corollam subat quantibus tubo vix brevionbus, coroll^D^ purpurea, vexillo ah
cannaque subaequilongis. t) — Affinis A *Ieulenano*. — Cretu^ifocacuinne monti
Sabbt Buschom prope S'hira^.
- 24 A CAMPYHNTHUS Boiss. 1. cit p. 42 — Fruticosus hirsuto lanatus • /aulibjpp
inferne petiolis incurvis foliorum vetustoiurn ennceis stipulis petiolo idnatis mem
bramceis cihatis e basi anguste lanceolata linean setaceis, petiolis n^idis tomentel
hs 13—IS jugis, ipiee valde spinosis , foholis adpressissime et ^ectinitim dispositis
secus neivum medium phcatis mucronuhtis, peduncuhs folia paulo superatitibus spi
cam densam cyhndraceam plumosam ferentibus, bracteis oblongis plumosis membra
naceis longissime acuminatis, calycis plumosissimi dentibus setaceis inaequalibus,
tubo brevi ventneoso triplo longionbus, coiolla purpurea sursum valde incurva. 0 —
Affinis A. *tricholobo* et A. *Hohenacken*. — Ciescit in colhbus ad lacum salsum Ne
mek Derja prope Schiraz.
- 25 A. CEPHALONICUS Prsl. Bot Bemerk. p. 57 — Flonbus axillanbus scs^ihbus
^6S^eatis , calycibus quinquep-trititi!. bracteisque villosissimis corollam et legumen
aequantibus, foholis 5—G jugis oblongo lanceolitis villosis senceis, demum supra
glabns t) — Crescit in monte Nero Cephalomac 3000 ped supra mate.
- 26 A ERINACEUS Prsl 1. cit — Flonbus avilhnbus pedicellatis sohtinis folio lon
gionbus, calyce profunde quinquedentato demum lellexo fohohsque legumineque
albo tomuitoso, foholis sexju^is liueari lanceolatis t) — In A. *echmoide* (A *arista
to* &icb Herb. Ciet) foholsr, pedicelh, calyx legumenque longe aha. — Crescit In
summo cacumine montis Nero Cephaloniae, 4500 ped. supia mare.
- ^ A MOLUSSIMUS Prsl. 1. cit — Fruticosus caespitosus foholis tn—quadnjugis
elhpticis spuioso mucronatifi, utnnque senceo villosis, flonbus axillanbus scssihbus
^8@regatis, calyce ultra medium qumquefido , Iacinus setaceis vilh>sisj>imis> corolla
duplo bievionbus \) — Affinis quidem A *plumoso*, scd flores triplo minoies, calyx
villosissunus, folia magis \llosa. — In A *plumoso* authentico tamen fohola quoque
^4^ruique sencea lepertuntui. — Crescit in Palaestma. .

Sectio IV. *PODOCHREATI* DC.

§. 15. *ANTHYLLOIDEI* DC. 1. c. 300. — Repert. I. 706. II. 875. V. 518.

28. A. *MELANODON* Boiss. 1. cit. p. 36. — Perennis caespitosus totus adpresse canescens caudiculis prostratis brevissimis, folus ad caudicorum nudorum apicem approximatis paucis petiolatis 8 — Ojugis, foliolis oblongis minutissimis approximatis obtusis, stipulis in unum brevem obtusam oppositifoliam bidentatam petiolo adnatam coarctatis, scapis tenuibus, incurvibus folio longioribus apice capitato 3 — 7 floris, floris sessilibus basi bibracteolatis, calyce pilis adpressis nigris albis intermixtis sericeo tubuloso, dentibus mucronatis subulatis rectis, tubo post anthesin fissis dimidio brevioribus, corolla alba calyce duplo longiore, vexillo integro alba paulo longiore; legumine calyce duplo longiore ovato compressissimo, lateis superiore rectiusculo, inferiore convexo longiuscule mucronato, pilis alludis luscido 2] — Habitus *A. p*o-raleoidis* — Crescit in regionibus summis alpis Kuh Daena Persiae australis ad nives.
29. A. *GKISEUS* Boiss. 1. cit. p. 36 — Perennis totus pubes densa adpressiuscula albida sericeo asper caulibus brevissimis basi nudiusculis, superne dense foliosis, stipulis linearibus inter se liberis petiolo adnatis, folus longiuscule petiolatis 10 — 12 jugis, foliolis approximatis ellipticis obtusiusculis, pedunculis nudiusculis folia superantibus, apice capitato 10—15 floris, floris sessilibus basi bracteolatis, calycis pilis albis nigrisque conspicuis hirsuti post anthesin fissis laciniis tenuissime setaceis flexuosis tubo paulo brevioribus, corolla violaceo flavescente dentibus calycis paulo longiore, vexillo rotundato alas canaliculatas parum excedente; capitulo fructifero denso ovato, legumine brevissime ovato compresso in quatuor longae acuminato, lana albida densissima omnino obducto 2]. — Habitus *Anthylidis lejedensis*. — Crescit in siccis superioribus alpis Kuh Delu.

§. 16. *CAPRIS* DC. 1. c. 301. — Repert. I. 708. II. 876.

- i. A. *SILQUOSCTS* Boiss. Diagn. plant. orient. nov. VI. p. 40. — Subcaulis glaberrimus stipulis petiolo adnatis membranaceis triangulatis lanceolatis acutis obscure nervosis, folus longissimis rigidis, foliolis remotissimis 10—12 jugis ovatis obtusiusculis subsessilibus, laciniis axillaribus brevissime pedunculatis 4—7 floris, bracteis membranaceis triangulatis lanceolatis acutis pedicellis aequantibus, floris.... . 2] legumine glaberrimo compresso recto longe elliptico laeviusculo margine elevato cincto, mucrone longo recto terminato 2]. — Affinis *A. ovum* et *A. rugoso*. — Crescit in aegilosis montis Kuh Daena Persiae australes.
31. A. *JOHNSTONII* Boiss. 1. c. 41. — Perennis pilis paucis adpressis sub lente hirtellus brevissime caulescens folus numerosis, petiolo elongato rigido duro, tandem nudiusculo, apice subspinescente donatis, remote et subalterne foliolatis multijugis, foliolis anguste linealibus minimis, stipulis membranaceis petiolo adnatis lanceolato linearibus, racemis subsessilibus 5—10 floris, bracteis linearibus setaceis pedicellorum linearibus, calycis paucis et adpresse hirsuti tubulosis laciniis setaceis flexuosis, tubo brevioribus, corollam ochroleucam subaequantibus, legumibus parvis crispis hirtellus oblongis compresso tugonis, lateis superioribus latiore rectis sulcatis, inferioribus incurvis carinatis, breviter mucronatis. 2]. — Affinis praecedenti — Crescit in aegilosis cacuminis montis Sabst Buschom prope Schiraz.
32. *A. *PHYSCOCARPUS* Fisch. & Meyer Ann. natur. (3. Ser.) V. 371. — Repert. I. 708. no. 123. — var. *stenophyllus* Nolte mss. foliolis lanceolatis sublineariibus. A vero *A. physocarpus* solum foliolis lanceolatis sublineariibus videtur. In varietate *stenophylla* emm. foliola sunt lanceolata vel fere linearia acuta 5 vel 6 lin. longa, vel 1 lin. lata, scapi, etiam fructiferi, folus breviores, legumina minora. Rarior convemunt — Crescit in Soongana

§. 17. *INCANI* DC. 1. c. 304. — Repert. I. 709. II. 877.

33. A. *GLOBIGEKUS* Koch, Linn. XIX. 64. — Caulis abbreviatus, stipulis sagittatis tetrameris folia subquadrijuga, petiolo

"UiiHir p[er]one m[er]itatis, foliola 2-3-4 linearis, p[er]one
 basi fixa alba rufa; stipulae sicutae triquetrae setaceae pilosae; pedunculae folia
 duplo superant, p[er]one p[er]one vestitus, flos demissime capitati, ut
 longis lineis. Longe p[er]one qvatl mtoitft rail; rilrtU la-jalu tabaa p
 asquantes setaceae, p[er]one longis albis et nigris vestitus; cuticula sculptata, in state
 atr~« virescent. C"Xtll in AiU mlipt>tr m-tiii-nli'mULL.

34. t TETISli: > Ufi | KM* I ML C - (w h tWwHiaw. rhizoma lignosum,
 kv elongata, stipulae ovatis rectis instructam Germani; folia 7-12-juga, bre-
 viter petiolata, foliola oblonga, saepe ex basi attenuata, p[er]one breviter albis lanun-
 keribus cilia, 2-14-juga i-fci| pedunculae (sive capite) foliis pedunculae majore, p[er]one
 t* « \$U > At < Jii rectius; bracteae oblongae, ex apice et margine pilosae; calycis
 bractae lineares, inham parte asquantes; cuticula ab inflo. fere, deinde perperae-
 rent, vexillo elongata, 2. — Crescit in Asia minor septentrionali.

35. A. CURVIGOSTRIS Boiss. I, CT* p. M, ^— Perennans caespitosa arvensis, totus p[er]one
 centro albis adpressissimis et
 foliola ovatis obtusis mucro-
 nulata, stylo asquante cilia;
 folia dec. v longioribus adpressis albidis-
 canaliculatis in racemis laxis 10-12-jugis subnullis; bracteis subnullis, bracteis
 triangulatis membranaceis pilosis
 cuticula dimidio t
 p[er]one albis adp. ^Hk futn i ^ m iilrjm ^jt* caapmatt albidis-membraceis basi
 p[er]one dentibus NB ^-W » ^ W > Sa » tub f ipi. = J* U tr
 ferevolutis ••tin. | A* »; *[: « » -1 Mim » *li« : anglo. i. illis linearibus obtusiusculis
 testiculata, carinam lat. ^ ^ | ^ ^ ^ « c r i i n atih4 » !ii4tuU « fc n ii .. tupmabU
 tubulosa ovatis obtusis tuberculatis adpresso
 vixiore obsolete
 calycis, inflores. nervosa-subnullis; stylo longis
 flos A. brachyrrhynchos et angulata. — Crescit in
 et in granisibus ad Persiam. Schuras

3. IN RADICIFLORI DC

36. A. PLEBEJUS Boiss. Diag. plant. orient.
 radice prostrata caulis, caulis breviter kHBMI ••HfeMrri klift III- » in-hjn kjs
 7-8-juga, foliola approximatim elliptica obtusiuscula; stipulae
 trianMli: ••bracteis
 lula liiii-r se flos, basi petiolo sicutae; pedunculae breviter foliis
 i HI * < f < dMfi A
 capitulum in vixio tubulosis testiculatis; bracteis subnullis parvis bractea
 membranaceis: III- * I scutellis; calycis tubulosis-ventricosis cftaf* htesatt
 creis flexuosis tubo subcapillaris; cuticula curvata (?) calycis bracteis vix longioris
 vexillo integro albis excedente. 2. — Perennans rufus inter Athyridibus prope A.
 melanodonta collatandus est. — Crescit in fertilibus alpis Kab-Daba.

37. A. sl'JJvH, v < HUS* ••!—. L t f . C . — Tvt— dense setaceo-sepentes; thitu-
 mate lignum nudo brevissimum, basi prostratum nodos, suprae foliosa edente;
 bill* bt, viter petiolata, i* JUI t* i*,
 petiolo basi attenuata; bracteis in ca-
 jiliilum ovatis-globosis densius inter folia subnullis confertis axillaribus; calycis
 campanulati post anthesin non indati bracteis heterophyllis setaceis plumosis
 corollam asquantibus tubo duplo longioribus; cuticula lutea, vexillo obtusiuscula albis
 carinatis longioribus; legumine calycis tubo vix longiore parva adpresso puberulo
 oblonga subtriangula rectis breviter mucronulata. 2. — Allius A. pelligro et A. rufis.
 — Crescit in taraminibus montis Kab-Daba Persiae australis.

† Iron uiltli'ada.

A. AtICE > mBSVH = M. I tar. Dalmat. II. tab. 48.

Tribus III. VICIEAE DC.

6178. CIGfir louinef.

(Jaub. et Spach in Wlprs. Report. II 883. — [DC. Prodr. II. 354. et Rtpert. I 712 J)

- J. C. (*Spiroceras*) SUBAPHYLLUM Boiss. Diagn. plant, orient, nov. VI p. 44 — **
renne glaberrimum multicaule caulibus a basi divancato ramo&issimis inticatis, ^{stl}
pulis brevibus, uifimis nervosis rotundato cuneatis 2—3 dentatts, supenoubus minin»
spinuliformibus bifidis simplicibusve, folus infimis paucissums saepe evamdis folio
latis, petiolo brevi, unijugo canaliculato, foliolis ovatis nunimis mucronulitis, term
nali nmiimo vel nullo, omnium ahorum foliorum petiolis elongatis tiretibus in spi»^u
lam tenuissimam simplicem circinato incuivam abeuntibus, foliolis in spinas lineari
subulatas incurvo mutronulatis breves mutatis, peduncults ngidis axillanbus petiolo
multo brevionbus, sub apice spinuloso uni vtl opposite biflons, bracteis ad peditelh
glanduloso hirsuti calyci subaequalis basin immmis tngularibus squamaeformibus
acutis, calycis basi valde gibbi glanduloso hirsuti lacimis lintari subulatis, tandem
reflexis, tubo tuplo longionbus, vexillo calyce tnente longiore alas cannamqu*
subtus angulo fere lecto incurvam apice attenuatam superante, legumine ovato com
presso subinflato breviter mucronato dense et breviter glanduloso-hirto. \wedge — Affi^{ne}
C. spirocerati. — Crescit in Persia australi, loco non notato.

6580. ERVUJH Tournef

(DC. Prodr. II 306 — Wlprs. Repeit. I. 712)

- J E. KOTSCHYANUM Boiss. Diagn. plant, orient, nov. VI. p 48. — Annum, totu*
pitule et breviter hirsutum caule pumilo simplicit aut basi ramoso angulato, foliis
6—9jugis, petiolo patulo rccuivo in curum bifidum abtunti, foliolis ovato
cis acutiusculis, stipulis bifidis, lobis triangulari setaceis integns, pedunculis
ribus umllons, calfce v\ longionbus, sub floie anstulatis, calycis hirsuti dentil^{us}
e basi triangulari setaceis tubo vix gibbo longionbus, corolla alba calyce parum
longioie^^vexillo rotundato bilobo alas vix supeiante, canna alas atquante, ap^C
attuiata violaceo maculata, stylo sub stigmatate margine superiore baibato, legum¹¹¹
bus villosis dispermis semiovatis, extremitate truncatis, ad latent super ions ^{reCn}
extremitatera mucronatts 0 — Crescit circa Diarbekir.

6581 TIGIA Zt/iii.

(DC. Prodr. II. 354. — Wlprs. Repert. I. 713. II. 8S3.)

§. 1, *Pedunculis axillanbus unifloris*,

1. \. MONTBRETI Fisch. et Mey. Ann. sc. nat. (3 Ser.) V 381. — Annua viH^o*
stipulis semisagittatis integemmis, folus subseptemjugis cirro subsimplici termi¹¹¹
tis, foliolis (parvis) ellipticis, utnque acutis, pedunculis unifloris aristatis axillifi^{ft}
bus folio subtnplo brevionbus, calycis hir&uti&simi dentibus subaequalibus l&^{reC}
lato lineanbus tubo suo longionbus, corolla paulo brevionbus, \evillo dlabro
cannaeque subaequilongo, legumine pendulo oblongo subtrape^oideo denMSSim¹
nato subdispermo, semimbus globoso subovatis Inlo elliptiLO. O — Species
distmtta, ad *V. calcaratam*, *cmeream* et *tencocarpam* accedens, a *V. senco*
distinguitur pedunculo longiore, calycis dentibus subaequilongis, vexillo p^{arV}
lyce paulo longiore, legumine subdispermo densissime lanato etc. — Cresci^t
Oriente.
- 2 V. PERSEPOLITANA Boiss. Diagn. plant, orient nov. VI. p. 48. — Annua[^]
adpresse cinerascens caulibus humihbus flexuosis, folus 4—5jugis, cirro
fido terminatis, foliolis anguste lineanbus acutis, stipulis minutissimis bifidis,
triangulari subulatis, pedunculis axillanbus uniflons calyce brevionbus^{inU}
calycis gibbi adpresse hirti dentibus triangulari lanceolatis, tubo paulo brevity
corolla ochroleuca calyce **plus duplo longiore**, vexillo rotundato glabro alis

roste, ca... rotundata illis paulo brevior; stylo sub stigmatate latere inferiore ton-
guae barbato; legumine oblongo-curvo plesso, sericeo breviter mih (ut) atm. ⊙ — < 1<1-
reli in glaciis.

2. V. MAGELLANIC * a<^ i. Antard. voy. of Terror and Erebus 237. — Glacis-
ca: caulis gracili angulato scabrae parte inferiore, apicibus rotundatis. |
stipulis semiovalibus apice lobulato acuminatis, petiolo elongato, ...
gla; rostris bilobis, linearis-elongatis acuminatis glaberrimis; pedicellis axillaribus soli-
tatis sessilibus, foliis breviter bilobis; calyce 1, (<-ii
lobis subulatis. ⊙ — Caulis spithameus, parte ramorum gracillimus glaberrimus,
Folia remota patentia; stipulae 2 lin. longae subulatae, petiolae 1/2—3/4 unciali stri-
ctae in circum deorsum; foliola petiolo longiora, sub 1 lin. lata nervis integerrimis,
gradatim serrulata viridia, juniora parte antica pubescentia. Pedicelli graciles, pe-
dibus paulo superantes pedicell. supra medium bifurcatis, bracteolis minutis in-
compressis. Flores magnitudine fere V. Hispanicae, val. accedit. Calyx 3 lin. longus,
lobis rotundatis. — Crescit ad fretum Magellanicum, Elizabeth Island.

§. 2. Pedunculata 1-2-floris axillaribus.

1. V. KINGII Hook. ULt 91. — Parva pilosa; caule gracili erecto simpliciter vel parte
ramorum angulato; stipulis anguste connatis, lobulis deflexo apice acuminato; pe-
dibus elongatis compressis in circum ramorum declinatis; foliis 2-3-jugis op-
positis alternis, utrinque pilosis linearis-obovatis-oblongis elongatis integerrimis
apiculatis, apicibus obtuse lobulatis; pedunculis axillaribus verticalibus 1-2-floris
petiolo multo brevioribus. •• Unl iff
Caulis, parte ad nodos pilos 2-4 angulatis.
Folia remota patentia ... longae 1 1/2-2 lin. longae, petioli 1 1/2-2 unciali
lobis compressis ... 1/2-3/4 unciali, basi attenuata, deinde linearia,
apicibus rotundatis acuminatis non raro dentibus subulatis, venis subparallelis.
Pedunculi 1/2 petioli subaequantur. Flores subrotundi, 2-3. Calyx 1 1/2 lin. longus,
V. J. J. r. r. calyce sub longior. Legumina immatura pediculis glaberrimis 3-jugis.
— Crescit ad fretum Magellanicum.

3. V. PATAGONICA Hook. Bot. Beechey. — Parva pilosa; caule erecto angulato vix
parce ramoso; stipulis late semiovalibus, interdum dentatis, apicibus lobulato de-
flexo acutis; petiolo breviter subangulato in circum simplicem declinatis; foliis
1-2-jugis alternis oppositisque obovatis-oblongis integerrimis, ad apicem rotundatis
retusis dentatis, utrinque subsericeo-pilosis; pedunculis petiolo longioribus sessilibus
axill. Urrl. ns 1 1-2-floris, calyce sericeo breviter quatuorlobis, vexillo erecto ter bre-
vioris. ⊙. Caulis spithameus robustior subulatis; folia subsericea; stipulae 1 1/2 lin.
longae semiovalibus vel triangularibus, interdum grosse dentatis, segmentis omnibus
acutis, petioli vix 1/2 unc. longi, nervi haerent; foliola 1/2-3/4 unc. longa, pedicelli
longitudine vix, petiolo semper longiora; linter ad in F. Kiepl. — Crescit ad fre-
tum Magellanicum.

§. 3. Rarissime axillaribus plurifloris.

6. V. KOTSCHYANA Boiss. Diag. plant. orient. ser. VI. p. 47. — Perennans glaberrima-
caulis: caulis erectis subsimplicibus angulatis; foliis 6-10-jugis, foliola elliptico-
linearibus obtusis mucronatis, circiter 3-4-fidis; stipulis semiovalibus superne
triangularibus acutis integris, parte inferiore acuta 3-5-dentatis; pedunculis folia
vix superantibus unilateraliter 2-10-floris; bracteolis ad basium pilosum rotundis,
pedicellis brevissimis bisulcis; calycis parvis et breviter bisulcis basi quatuor lobis
basi triangulari subulatis, tubo plus duplo brevioribus; vexillis angustioribus calyce
quadruplo longioribus; vexillo retuso alia oblongo-apiculata vix longiori, corina
apice violacea rotundato-mucronata alia brevior; stylo apice multo barbato. 2
— Crescit prope nivis alpis Kalk-Duina Periae australis.

7. V. CIMMOIDKA Ilvlu, 1. C — I*mum lota *Jp*rw< < <
multicaulis: caulis ramosis intricatis angulatis; foliis brevissimis a fetit | -- 4

JufU, ptillvtu pbuiuc*ta IIMM; rirrl In imiefotirint
 lifkcm futtolo oaft tapglruu slmtntoi f»Uo||» minimi* nntl» olifaftt mirr
 •tiJirit(iirv'i> DcTPabi •lipalU tiiafali
 •Tiiin rrrwu —1-den
 pedunculis axillaribus foliis duplo longioribus, apice unilateraliter 2—4-floris; bra-
 ctnllh no HI* : y t/ .rll-* [tt-T Hum.* 1J1 ii idt*—*** rubftfiitji ilcnhliu
 lrihu.% |ji"i.i.i>.t. | mtulU mrgin «fyn wHrffl* Inaght. rcxiUi) Tf.iant ill
 viora; sty
 compresso mucronato 2—3-spermo; seminibus globoso-compressis rufis. 2. — Cer-
 •ctt In plurwocd» at^rti KibDi^ii l^ani** «i«it«Sa,

*. V. AMII \ I V Bwtrf- l. I ^ H . Irifrit IM T. ^ L W , - Dofuftb^hi:
 •afitlaM njfMMt. Inim >) foKufti f — #ja0« liirtart-oHon^i.i cnur(ii.
 rnitiji ; tiirt* rritidi*. «Lip«lit rrtfnii >rrt>l yiiiMfl* folio brevioribus 2—3-flo-
 sob flurt> trnuliuli bt>tK«Utki Jntthii <JK.RU Uii^Uiihu* itcti^m tut*
 aquantibus; leguminibus compressis lanceolatis glabris reticulatis pentasperis;
 seminibus subglobosis rufis. — Pluto wt i caule striato glabro
 coio, pri:>!«> faJi'iliMju* fUMte. i m > i fcnritwtwt pniif • i-'t.-i. iinlji^iln
 but tiJUM*, curoJa fit** 7 (>«> irt|4* Un^hw#. faKi—lntf MW
 (ir<|tf Mitn;ii SvriUim.

9. V. AZJHEA C, knelt, Uatur* SIX. (K. — FtkJi* pjwjlil. »ense fibrillata; canis
 ex IKM |urt« nuhvrwiH-A nunuKnit. c«i,iU(u ,trialu^, [ulicr* 3-9 pollicatis; foliis
 subdecem, 2—4-linearia, adpresse pilosa, obtusis, apical-!«>, HIUTII* ttUgU
 m»j(i)*i(4, drro Lrttr Crindo liMttu^At i
 aquantibus; leguminibus compressis lanceolatis glabris reticulatis pentasperis;
 seminibus subglobosis rufis. — Pluto wt i caule striato glabro
 coio, pri:>!«> faJi'iliMju* fUMte. i m > i fcnritwtwt pniif • i-'t.-i. iinlji^iln
 but tiJUM*, curoJa fit** 7 (>«> irt|4* Un^hw#. faKi—lntf MW
 (ir<|tf Mitn;ii SvriUim.

662 LATIIIIITI it/w.

f JJC, Prndr. U. 36Q, — Wlft*. KrjHTt, L TML K. S 81.)

I L TIRIKPIMK * . K.iii, Miu'A XIX. lia^ UJ. — Aiiuuu* gluascens glabro
 canis de iIUU we«ftd«n *Im|ilr\ |irtii>li Uti« JUU lututu In; raodiu «ul>?>
 gum decurrentes, l^ ^ |u>htflg| . . pall, Ud, nblui^t acull ({tifcHurf*) *w
 retusi, cuiu mmh InhtiJiJig^ riirl bw zonalibus c-niuii, dnl -'—Vt 'mud; fo-
 res longius pedunculati, dimidium rUyluti^ affingentes aia iuper>nt««>0— Crecit in
 Asia minore septentrionali.

2. L. HISPIDULUS Boiss. l>Uci- plant, orient, nov. \ t, rt. 411. — Annum (o'«> patet
 hispidulus: caule nudo erecto; foliis angustis; petiolo brevissimo stricto *rj**AA*
 foliis anguste lanceolato-linearibus; stipulis semiovatis. Cli acutis petiolum aequo
 pedunculis sublongis petiolo aequilongis; calycis pureo hispidi densis
 ttimigaUrt- lanceolatis lobem sequantibus; vexillo extremitate violaceo obtusa ac-
 tiA luvikiM!, 0 — Crecit in glaucis prope rufos Persopolis.

I, I., ODTI SANTIUS Boiss, Diag. plant. orient, nov. VI. p. 46. — Perenne rufis
 jiatafp el breviter hispidulus; caule ramulosis vagabato anguste alato; foliis
 junl», pr(iolo breviter planiusculo anguste alato, foliis oblongo-lanceolatis mucrona-
 lit 4—*r
 »(ipuli> semiovatatis linearibus acutis subseriatis, auricula triangulari brevissima;
 pedunculis axillaribus folio multoties longioribus, superis 2—3-flo-
 triangulari-aquamiformibus minutissimis; pedicellis pubescenti-hirsutis calycis longi-
 tudine; C4Tjc«> adpresse hirsuti dentibus triangulari-lanceolatis
 nin.UU> tuba
 floribus aureis; vexillo stipite rotundato alio oblongo vix superante; carina breviter
 cymbiformi rotundato-incurva obtusissima all* breviter; legumine hirsuti-compresso

subincurvo polyspermo tuberculato pubescenteque, margimbus longms hirsute 2j. — Crescit circa Diarbekir.

- 4 L. LUTEUS Munby, Revue botanique II. 504. — Peiuncults multidons, folium aequantibus, cirns rarnosis, 2—4 phyllis, fohohs ensiformibus nervosis, petiolis tauleque alatis, stipuhs semisagitfatis hnearibus, Iegumme glabro oblongo compresso. @? — Affims *L vjUedn*, sed stipulis fihformnbus diffrrt. — Crescit in Al gena ad viarum marguics fMustapha).
- o * L PUBESCENS Uook. et Arn. — (Repert I 722 no 35 II. 887) — Hook fil. Antarct. voy. of Tenor and Erebus 239. — *Lathyru* petiolam* Vogel. — (Repert I. 723 no 45)
- I* *L. ARISI VTUS Visiani, Floi Dalmat II. tab 47.

6183. **OROBUS** *Tomnef.*

(DC Prodi II 376 — Wlprs. Repel t I 723 II 887.)

1. O. TRVUIYCXRPUS Boiss. Diagn. plant onent. nov VI p 45 — Glabrum caule eieto an^ulato htnttc ramoso anguste alato, folus UIIIJUIS, petiolo brevissimo in folns s>upriorihus bubnullo canahculato, foliolo 1 inceolato linean brevissimo tciminato, fohohs oblongo-elhpticis 5 — 7 nervus munonulatis integernmis, margme bubundulatis, stipulis stmi^a^ittatis tuangulan acutis uittgiis auricula brevi acuta, peduncuhs foil i riuplo supeiantibus axillanbus apite racemos breves pauciQoros ferentibus, bractLohs ttiangulaii squamifoimibus fere obsoletis, peditelhs subpatuhs calyce lon^iunbus, cilycis ,labn vi\ gibbi dentibus tnangulan ovatis acutis tubo biivissuno duplo longionbus, coiollae roseae vexillo calyce tnplo longioie retiLulato puipureo, ahs latis incuivis lon^iore, canna subtus valde incurvo angulata, apice ittenuata, leguminibus tubercuhs'^okluidricis pilo teiminatis dense exaspenlis ov itis brevibus compressis 1—3 spet^is. 2\ — Ciescit inter Suerek et Diarbekn
- <! O. NLIIVOSUS Boiss. 1. t — Pelemus glaberrimus: c^uhbus m^ulatis nervosis, folus sessilibus* umjugis inter fohola an&ti liatari subulat^lujiervi brevi auctis, fohohs nu^iinis lanceolitis parallele elevatun 12—15 nervus acarö^uLronatis, sli4 pul s stmisa^ittatis hnein lanceolatii* interns atutis, auricula anguslip^L brevioiej racemis a^illaiibus peduntulo foliol i subsupeiante suiTultis laxiustult multitloTi&, bracteohs mmutissiniis albidis tiuncatis dtnticul itis, calycis glabii pedin llo leqiiilongo suffulti dtntibus e basi tuan^ulaii atumiuiatis mai^ine puberuhs tubum nervosum basi gibbum aequantibus, ilonbus violaceo-caeruleis, ve^illo ovato integro ahs longiore, ahs abbreviato ovatis lotundatii*, canna rotundato curvata, apite subattenuata loii^Monbus. 2j. — Habitu accedit ad *Lathyrum latifolmm*. — Ciescit circa Diarbeku.

Tribus IV. HEDYSAREAE DC.

Subtiibus I. **CORONILLEAE DC.**

6588. **HIPPOCKEPIS** *Linn.*

(DC. Prodr. II. 312. — Wlprs Repert I. 724. II. 888. V. 519.)

1. H MINOR Munby, Revue botanique II 504. — Radice annua, peduncuhs 4 fions, folio multo longionbus, sihqis subrectis, 3—Sspenms, apice attenuatis, fohohs obovatis dpice enur^matis. 0 — Crescit in rupibus nvuh Oued el Kebir prope Bhdah.

Subtnbus II. **EUIIEDFSAREAE DC.**

6591. **PICTETIA DC.**

(DC. Prodr. II. 314. — Wlprs. Repert. *I. 725)

- ¹ 1* (RATHKEA) PUBESCENS Hochst. Tloia (B Z) XXIX 599. f-Irutex ramosiji snnus ramuh brevissimi, saepe petiolorum rehquns squamosi, folia imparipinnata (1—2 polhcaria) 6—8 juga tomentoso-pubescentia, stipuUe linean lanceolatae ferru

gmeae stnatae andae, foliola (2—3 lin. longa) obovito v. oblongo elliptica obtusa mucronata brevissime pettolulata opposita alternave, racemi folio bicvioics subtri flon, bratteae id basin pedicellorum solitanae linean lanceolatae emarcidae Terra gineae, bracteolae sub cal>ce binae vindulae v rubi<ginosae breves cum hracteis caly cibusque pubescentes, le<gumen moniforme reticulato venosum, irticulis 5—6 ul timo rostrato) — *Acrotaphros bibracteata* Steud mss. — trestit in Abyssinia in vallibus distinctus Schoata

6593 OIITOCARPOI *Pahs.*

(DC Prodr II 315 — Wlprs Repert I 725 II 888)

1. O OCHROLEUCUM Zoll etMoutzi, System Verz der von H Zollhnger auf Jav sammelten Pflaruen pag 6 — Suffrutico&um glabrum folns pinnatis, fohohs \t i nis ellipticis mucronatis, subtus gliuесcentibus, stipuhs e basi hta subulate, calyn bus 5 fid us, flonbus ochroleucis, le<guminibus 1—3 articulatus in calyce pedunculatis, articulis stnato sulcatis glibiis lanceolatis, semimbus ovahbus compressis (2—3 longis), umbilico subbasilan 2I. — Crescit in htore mans prope Tjirin<in in in sula Java.

6603. ADESMIA DC

(DC Prodr II 318 — Wlprs Repert. I 728 II 880.)

- 1 A MIRAFLORENSIS Remy, Annales des sc nat (3 Ser) VI. pag 357 — < Iibus lignosis ramosis&imis, foliolis integris pubi^ms apice emarginatis minuli> legumibus 3—5 aiticulatis ere<tis, setis plumosis opertis /) — Caules lamoSiS simi toituosi, spims ramosis emortuis ouusti Rami spinescentes divantddi, ba*¹ 6quamis mgricantibus lmbncatisquj^ mumti, jumores puberuli Folia abrupte p»ⁿ nata, pinms 7—10ju<pis minutis ciliatis subdiscoideis integris, apice emarginatis p^e tiolulatis, rhacln]ubescente, in spin im desinente Stipulae &cariosae pubigerae oblon<paе obtusar inttgrae. Flores rtccmosi, peduncuhs unitlons viscido hutis, ca lve subduplo lon<ioTibus Calyx leviter t,ibbosus bulboso hirsutus, lacinnis atqua libus Corolla glabii canni Integra, venis infra margin em evamdis, vexilluni ma L<num suborbiculatum iit<rum, ad apicem unguis dense lanatum Stam na T< distmcta libera exserta, filamentis compressis Stylus longissimus Le<gumen re ctum 3—5 articul itum, pihs lon<is plumosi&que vestitum Semina reniformia latvi<< — Ci scit in U)hvia ad upas Miradon^
- 2 A PiniIL\ Hook fil Antarct voy of Terroi and Erebus 255 — Parce subviscid^e pube<cens ctule brew Mmpliti vel lamoso herbaceo, stipuhs late vagin itibu<> sursum in aunculis latas obtusas productis, petiolis graulibus, foliolis 3—5jug^{1S} couaceis obovito cuneatis obscure cihato dentatis, peduncuhs unifloris Bricilibus p^e tiolo aequilongis, calyce campanulato basi^ubaequali, vexillo calyce bis lon<^{10re} dorso glabnuscule, st<lo elongito, ovario plunovulato, legumine pubesiente linein compresso ad articulos creuito (q) ? — Heiba punula 2—5 unciahs Foil*¹ • %—1 unc longa, foliola *₄ uncialia, siccitate flavescentia, anguste obovato cuiicata> apice rotundata enervia. Flores sohtar suberecti, pro planta majuscu h nav<, purpurascentes? Vexillum fere i^ unc. longum Legumen sub 10 articulatum — Crescit ad fretum Magcllamcum, Port Gregory
- 3] A LOTOIDES Hook fil I c — Appresse sencea caule basi diviso hgnoso g^{ra} cih ascendente ranus abbieviato, ramis teiminahbus stipuhs late vaginaiitiD^{u<} superne in auriculas breves divergentes productis, petiolo nullo, foliolis duobus ju stipula sessilibus lanceolatis acuminatis, utrinque sericeis, pedicelhs axiH<ntibus unifloris, folio bis terve lon<ioibus, caljcis basi aequahs dentibus ovatis subuU<^{4,4} vexillo dorso 0Ubcnmo, mar<ntibus spirse seiiceo cihatis, ungue brevi callo b>r< h<it< aucto, alarum lamina hncari oblonga, cirina dolahnformi marguubus subcil<¹¹⁴⁴ stylo ascendente gricili elongato) — Caules graciles, interdum spithamaei, T<li u< abbreviati sublignosi Folia pihs sericeis appressis cana, basi in stipulam vag> n<ar< tern latiusculam dilatata, >>'''% unc longa lanceolata vel elliptico oblonga acuta m<^

- gemma. Pedunculi elongiti pubescentes. Hoies suberecti, calyce seiiceo, petals flavis, vexillo fere $\frac{1}{2}$ UILL longo. — Crescit ad fietum Magellanicum, Cape Gregor\, in Elizabeth-Island.
4. A. SUIFOGVTA Dook. fil. 1. c. 256. adn. — Pumila aigenteo-sericea, dense caespitosa • taule hgnoso ramoso, lamis lobustis subtoitis, basi vestigus fohoiium tectis, apiibus fohosis, Coins confetis tufoholatis bieviter petiolatis, foltohs erectts obo\atis integeirimis, flonbus inter folia sessihbus, caljce bieviter campanulato, segmentis sub icutis, vexillo late oibiculato, doiso sericeo, margirubus inilexis, alls longe unguiculatis lobulo intus baibato, carinae petahs falcatis cymbifoimibus longe unguiculatis dorso senceis, stylo breviusculo. l) —• Crescit ad Tort Desue.
- > A. VILLOSA Hook. fil. 1. c. 253. adn. — Tota pilis molliter senceis patentibus oblecta cdule herbaceo prostrato ascendente parce diviso, stipuhs membrianaceis naajusculis sursum in auriculas breves obtusas productis, petiohs gracihbus, foliohs 8—7-jugis obovato cuneatis, utnnque senctis, pedunculis petiolo brevioribus, flonbus amplis, cal>ce membranaceo, segmentis clongatis linean subulatis, vexillo calycem paulo supeiate oibiculato extus piloso, stylo elongato, legumme 2—3-articulato, ad articulos constncto subseuceo, seinimbus paucis. t) — Ileiba 2 — 3 unciah, habitu *Astragali* I olia patentia, 1—1% unc. longa, foliohs $\frac{1}{3}$ -unc. stipulis vaginantibus aequilonis. Flores conspicui. Calyx superne gibbosus, launus gradatim acummatis, pihs senceis tectis, inferioribus reflexis. Corolla ut videtur flay a. — Crescit ad Port Deslie.
6. A. LANVTA Hook. fil. 1. c. adn. — Tota lanata caule basi lignoso diviso, ram is difflusis suberectis gracihbus teretibus; stipulis subvagmantibus in auriculas acutas diveigentes productis, foliohs parvis 3—5-ju^is hneau-oblongis obtusis, peduncuhs folio brevioribus, calyce elongato, lacimis linean subulatis, vexillo calycem paulo superante elliptico oblongo, dorso tomentoso, aLuuui un^uibus lammis aequilongis; stylo elongato, legumine 3 articulate, semuubus latis. l) — Radix hgnosa. Ilami 6 unc. longi graciles teretes, ut tota planta, pube molh lanatt\«w^a. Stipulae 1% hn longae. Petioh $\frac{1}{2}$ unc. longi graciles. Fohola angusta paWHtkf^ hn. longa I^lores foima et magmtudine *Viaae sattvae*, purpuiei? Alarum nervl jmghi trabe cub& aicuatis connexi. Legumen ad aiticulos vix contractum. — Ciescit ad l*oit Desire.
7. A. AFFINIS Hook. fil. 1. c. 237. adn. — Glanduloso-pubescent. caule decumbente (?) herbaceo ramoso, stipulis parvis, fohis imparipinnatis, foliohs 6—7 jugis petiolulatis lineari-oblongis emaimato truncatis obscure cihato dentatis, pedunculis axillanbus nudis elongatis, flonbus parvis pedicellatis, calyce aequah basi 5 fido, segmentis acutis, vexillo calyce subduplo longiore. 7) — Ah *A. dentata*, cui proximi, differt foliohs linean oblongis et jumonbus glabnusuhs non subtomentosis, ab *A. Smit/nae* racemo nudo, calyceque vexillo brevior. — Crescit ad Balna Blanca.
8. A. CANDIDA Hook. fil. 1. c. adn. — Frutescens, tota tomento tenui arete appresso Candida ramis hgnosis teretibus superne pamculatim lamosis, foil is sparsis, stipulis paivis deciduis, petiolo crassiusculo compresso, superne canahculato subarticulato, foliohs 3—5 jugis ovah oblongis, utnnque rotundatis conaceis integernmis enetvus, lacemis teimuiahbus lavis, flonbus penduhs breviter pedicellatis, basi biacteohitis, calyce sericeo pubescente, vexillo glabemmo ^ brevior, segmentis subacutis \) — Kami vahdi hgnosi, trassitie peunae anatinae teretes. Folia %-uncialia, foliohs 2—4 hn. longis, marginibus subrecurvis. Flores parvi % unc. longi, pedicellis bis longioiibus. — *A. pedtcellatae* affinis, sed diffeit praecipue pedicelhs brevibus. Ad sectionem *Chaetotncham* DC. peitmet. — Crescit in Patagoniae ora onentali.
9. A Gill SEA Hook. fil. 1. c. adn. — Suffrutescens incano pubescens: ram is ramulig flue gracihbus subflexuosis, stipulis parvis subulatis, petiolo gracih, foliohs 3—5-jugis hneari obovatis obtusis apiculatis integernmis, utnnque appresse subsenceis; ~~racemus~~ subtermmahbus elongatis paucifloris, pedicelhs brevibus basi bracteolatis calyce brevioribus, segmentis calycims brevihus subulate; vexillo doiso sericeo. 4

— Caulis prostratus? Rami teretes, crassitie pennae passerinae, spithamaei **grisei** folia pollicana, foliolis 2—3 1m longis, ^ lin latis, neivo in muciontm b rev em desinente percuis. Flores veisus apitem prdunculi graciles pauci sub 5, flavi 1/2 unc. longi, vexillo calyce bis longioie. A *incanae* Vogel affiii^s, sed rami nou \><* tentim pilosi, nec folioia acummata. A. *avymlata* Hook. fil. diflert lamis ascenden- tibu& angulatis, flonbus majoribus, segments quoque calycims elongatis. — Crescit m Patagonia.

10. A. BOROJVIOIDES Hook. fil. 1 c. adn. — Suffruticosa glabernma, glandulis \trru caefoinubus undique sparsa. caule ramisque ascendentibus (eretibus lignosis **aliti** b latis, folus elongatis, stipulis inconspicuu, pettolo crasso, fullolis par vis **altitoni**s oppositisve 10—15jugis scsilibus late obovatis grosse dentatis conaceis, racun»^s lateralibus terminabu&que obtu&is, pedicelhs brevi&simis biacteolatis, calyce l>^{te} ovato breviter 5 fido pubeiuo vexillo glabernmo ter brevior. 2J. — thuftrutex ft⁸ii gilis. Rami spithamaei, uassitie pentiae corvinae, coitice pallide rufo tecti, ^{ob}ii scure struti, glandulis myusculis venucosi, ad basin foliorum aitKulati. *olia 3—4-unctalia, foholis 2 lin longis flavescentibus cia&sis coiiaceis. Peduncuh 3—4 pollicares multiflon, superne pare? pilosi, biacttolis oblongis, pedicellis calyce bre vionbus. iloies patentes, 1/2 unciales flavi. Legumen late lme.ire, valde compres- sum tncarticulatum, articulis subdi&tantibus, glandulis gro&sis nigro punctatum. ⁱⁱⁱⁱ Crescit ad Cape Fairweather, Port Desire.

6605/j. MACROiUISCUS *Turczan.*

(Tuiczan. Bulletin <1 Aioscou MX. 607.)

Calyx bibracteolatus, profunde bilabiatus, labio superiore tripartite inferiore integro. Vexillum latissimum, alas et carinam obtusam mon^oii petalam longitudine aequuu^ . Stamina diadelphe, fildmento decimo vexⁱⁱ lari ima bas>i cum vagina caeteiorum juntto. Stylus incurvus, stigⁱⁱ maque tenue glabrum. L omen turn triarticulatum longe stipitatum (unde noiiien), articulis ellipticis monospermis, margine crasso circum- datis styiiique basi apiculatum. — Frutices Brasilienses facie **Aschy-**

T. S. R. A. SUIENSIS Turczan. I. c. 508. — Trutex ramosus glaber, folus impan p^oii natis, facie *Aetchynoment**, a qua geneiice distmguitui s>tamine tantum umco, a ^{ca} e tens scjuncto, nec adelphus duabus pentandiis, atque cal>cis labio mfenoiie indiv^s e. Flores racemosi maju&culi, petalis in sicco flivis, neivis mo^rucantibus pictis. ^{ra} cteae membranaceae magnae ad basin pedicellorum. ^ — Crescit in Bia&ilia.

2. M. GLANDULO&US Turczan. I. c. XX. 174. — A *M. Brauliensi* dignoscitur *V^{exio}*, lis pedunculisque glanduloso pubescentibus, cal>cirus dentibus margine glandules ⁱⁱ flonbus minoiibus atque petalis non btriatis Lomenti aiticuli tuigdiuscuJi 1 — ⁱⁱ medio saepe unperfecte cvoluto. Stipulae caducae. — Crescit in Brasilia p^{ro} v^o Bahiam.

6608. SITIIIIA *Au.*

(DC. Prodi II. 323. — Wlprs. Hepert. I. 735)

1. SM. PURPUREA Hook. Bot. Magaz. t. 4283. — Caule erecto ramoso {labro, foliis ^ oblongis longe apiculatis ciliatis subtusque ad co&tam tiubmar^iialem praetip^{ae} tuloso stngosis, stipulis adnatis ovatis seta termmatis, racemis teiminalibus l^{ae} hbusque, pedunculis seto<is folium aequantibus, biactets ovatis caljcisque ^{ra} integns stnatis cihatis, coiolla purpurea (vexillo rotundato ah&que macula al^{ba} tatis) alts vexilloque patulis, basi superne umdentatis, ovaiio hnearl plunovu ^{labo} basi cupulato. © — Ciescit ad Bombaj in India onentali.
2. SM. COEKULESCLNS Zollmgei, Hoia (B. Z.) 1847. p 696. — Labns ^{calvt} fi l^{ifor} ^{ca} mitis, racemis folio longionbiks multiQons, flonbus secundis distichis, caule[^] procumbente atro purpuieo, corolla coerulescente. © — Crescit in gramin<>st tosis cc. 5000' 8. m. Javae onentalls.

3. SM. HISPLDISSIMA Zollinger 1. c. — Stipulis scariosis deorsum valde elongatis, foliolis secus nervos et ad marginem hispidis, flonibus dense confertis, calycis labium apice hispidissimis, biacteis in aestate mutatis, caule filiformi glabro, corolla lutea. © — Crescit in Impelatas Javae orientalis c. 3500 s. m.
4. SM. BLANDA Wall. — Wlprs. 1. c. no. 3. — Wght. Spicil. Neilherr. I. 48. t. 59. et Icon, plant, tab 986.

6612 MCOLSOMA DC.

(DC. Prodi. II. 325. — Wlprs. Repert. I. 731). V. 524.)

1. N. CONGESTA Wght. Icon plantar, tab. 1050 — Sufruticosa, diffusa procumbens, undique partibus junonibus, excepta foliorum pagina superiorie, pubescens v. pilosa. folius 3 v. aboitu 1 foliolatis, foliis ellipticis v. suborbicularibus mucronatis, flonibus ad ramorum apicem congestis, calycis 5 partiti segmentis subulatis pilosis corollam exsertentibus, staminibus diadelphis, ovano (scmpei i) uniovulato, legumine monospermo. 2j. — Crescit in India orientali (Neilherr.)

6614. DOIXIKERA Endl.

(Wlprs. Repert. I. 730.)

1. *D. (DESMODIUM DC.) RUFESCENS Endl. 1. c. no. 2. — Wght. Spicil. Neilherr. I. 47. tab. 57. et Icon, plant, tab. 984.

6615 DESMODIUM DC.

(DC. Prodr. II. 32J. — Wlprs. Repert. I. 736. It 890. V. 525)

1. D. VIRGATUM Zollinger, Flora (B. Z.) 1847. pag 697. — Caule ramisque virgatis teretibus rufo pubescentibus, folus ovatis mucronatis, basi late cuneatis, utrinque (subtus molliter) pubescentibus, racemus axillaribus et terminalibus filiformibus, stipulis bracteisque subulatis cum calyce pilosissimis. ^ — Crescit in sylvis Javae orientalis.
2. D. FILIUM ME Zollinger 1. c. 698. — Caule longissimo procumbente filiformi hirsuto, stipulis basi lata setaceis, folus longi pttiolatis, foliolis elliptico ovatis obtusis mucronulatis, supra i;labris, subtus sparsis adpresse pubescentibus, rami terminalibus longissimis filiformibus, pedicellis solitariis patentibus, biacteis ovato lanceolatis setoso ciliatis. \) — Crescit in arenosis maritimis prope Pura Javae orientalis.
3. D. MEGAPHYLLUM Zollinger 1. c. — Caulis fruticosus teretis glabro, ramulis angulatis cum petiolo caudiculato scabridis pilis uncinatis, foliolis majusculis rhombicis ovatis acuminatis supra scaberrimis, subtus pallide sericeo pubescentibus, racemis axillaribus folio longioribus, cum terminalibus in paniculam laevem raram dispositis, leguminibus articulatis oblongo suborbicularibus ^cabiido hirsutis. t) — Corolla coerulesca. — Crescit in sylvis munitis Javae occidentalis et australis.
4. D. AMPLEXICAULUM Zollinger 1. c. pag 698. — Caulis herbaceo procumbente diffusum ramulis angulatis et sparse pubescentibus, foliolis ovalibus mucronulatis, supra minute adpresse pubescentibus, subtus canescenti tomentosis, stipulis semiamplexicaulibus, basi nunc valde obliquis sursum cordatis, deorsum late auriculatis, lactem in ramis filiformibus, pedicellis geminis, leguminibus articulatis 5 suborbicularibus hirsutiusculis. \) — Crescit inter saxa typhica ad pedem montis Ualuran Javae orientalis.
- B) D. SERICATUM Prsl. Botan. Bemerk. p. 59. — Fructuosum: ramis quadrangulis ad angulos sericeo villosis, folus trifoliolatis, foliolis oblongis acuminatis glabris, margine serratis, subtus nervis lineantibus sericeo pubescentibus, petiolis angulatis serratis villosis, stipulis subulatis glabris, pedunculis axillaribus angulatis, petiolo duplo brevioribus, ad angulos serratis villosis, umbellis capitatis multifloris, calyce sericeo. h) — Crescit in Musu Maunt.

b D. FILFR ORME Hook fil Transact, of the Linn. soc. XX. 227. — Totum velutino pubescens raule simpliusculo gracili elongato, folns sparsis pinn itim tnfolio latis, foliolis ovato hnceohtis acutis, utrmque pubestentibus, lateralibus minonbus, petiolo retroisum piloso, btipulis parvis mcmbranaceis glabemmis, ractmis ttrnu nalibus elon^atis laxiAons, floubus lemotis, pedicellis solitarus vel binis grauli bus, bracteis linean subulatis, calycis pilosi lacinus acummaUs. t)? — Cre&ut in James Island

f Icons addendac.

D STRANGULATUM Wght et A m. — (Repert. I 73») no. 22 et Fraend) — WgW Spitleg Nt ilgherr I. 47 t. 58 et Icon, plant, tab. 085

6617 TVVJbIiNIEBI 1)0.

(Dt Prodr II 139. — Wlprs. Repert I 744 II 892)

I. *T CUNEIFOLIY 4rn — Wlprs. I. c I 744 no I — Welit Icon, plant, tab. 105').

6619 OWOBRYCHIS Townef.

(DC. Prodr. II. 344. — Wlprs Repert. I 74b II 894)

1. O. (*Eubrychis*) SC^PIFORMIS C Koch in Linnia XIX 67. — Annul pilis adprcssis patulisque vestita, caules erecti aut adstt nduites raro protumbentes, cX apice villosi, (sine pedunr ulo> 5 — 9 pollitares, folia lon^iua petiolati, pidunculo scapiformi ex apice viiloso, sub 3 floro tnplo nuoora, Gjuga, foJioli brevittr p<' tiolulata, late at bieviter oblonga, mterduni obovata, dpiculati, sttpulae membranaceae, oppositifoliae, fiifidae, flores ses&iles (sicco statn) azurei, bractea pirv<, orato-acumuiifa sufTulti, calyus lacinne anguste liuceolatae ciliatae carmaUe, corolla nunoies, in itqu ties, vcxiUum qarina, canna ali& paululum minor 0— Crestrt in Asia mmon boreali.
2. O. MELVNOIRICHA Boiss. Dngn. plant, orient nov VI. p 43. — Perennis acaulis basi sulTiuticosa* folns omnihas radicalibus pehofo expanso canaliculato suffulti* 4 — 5JU,IS, foliolis ovato oblongis obtusiu&culis subaequalibus, nervo marginali crasbiusculo etnetis, superne partisstme, subtus densius cincriscenti lanitis, stipulic petiolo adnatis trian^ulan lanceolatis brevibus, scapis longts superne laxe et long^e racemosis, flonbus subsc&ilibus, bnctei tngulaiibus minimis, caljctis idpres^{se} hispiduli coiolla carnei tnplo brevions dentibus e basi tngulari subulatis, ~~tubo~~ paulo longioubus, vexillo hrrtello purpureo stuato carinam subaequante, alis a ~~basi~~ tngulari acute aunculati longe attenuato acummatis, calyce duplo longioribus legunune compresso suborbiculato ad discum crasse areolato tubeiculatum marg¹, nemque pilis nigns albo plumosis flexuosis diametio suo paulo brevionbus obsito. 4* — Crestit in argillosis alpis Kuh Delu Peisiae austrjlis.
3. O. OXYPTERA Boiss Diagn. plant orient, nov VI. p. 44 — Acanlis basi suffrutescens folns omnibus radicalibus tnjugis, petiolis tomentellis, foliolis ovati* m^u cronulatis subaequilibus, utrinque superne adpressius Benteo tomentosis, se^u elongatis tomentellis, aptce longe et h\ve ractmosis, flonbus subsessilibus, brae^{te} lis triangulanbus lanatis minimis, calycis albo tomento&i coiolla plus dimidio ^{re} ris dentibus triangulanbus acutis tubt longitudine, vexillo ovato retubo iuteo p^{ube} scente longitudims carinae rubellae latere supenon rectae, inferiori angul^o angulatae, alis a basi tngulari minute imiculata longe ittenuato subulatis ca¹ longionbus, legumme suborbiculato compressissimo tubtitulato papillis P^{an} culis elongatis longe et dense albo pluraosis ommno obtecto. 2j. — Crescit m ^{re} australi loco non notato.
4. O. (*Hymenobrychis*) R ADI VTA M Bieb. — DC 1. c. 347 no. 28. — Lindl. B< Regist 1S47 tab. 37.

✠
Tribus V. *PHASEOLEAE* Benth.

6641. KENXEDVA Vent.

(DC. Prodr. U 353. ex p — WIPrs. Repert. I. 757. V. 520.)

- 1 K. *PHYSOLOBIOIDES* WIPrs in Otto & Dicti Allgem Garten*. XIV. p. 18b. — Prostrata caule, petiolis, folis, pedunculis, calycibus legumibusque canescenti puberulis, folis petiolatis infoliolatis, foliolis ovato orbiculatis obtusissimis subundulatis, terminali lateralibus duplo inaequalibus, stipulis parvis ovato subcordatis membranaceis pilosis, stipulis minutissimis setaceis (mox obsoletis), pedunculis axillaribus 1—2floris, petiolo quadripleo brevioribus, bracteis minimis trifidis, leguminibus hinc, oblongis, pilosis pubescentibus. \) — Crescit ad flumen cygnorum in New South Wales.

6663. CANAVAMA DC.

(DC. Prodr. II. 403. — WIPrs Repert I. 705. II 900 V. 534)

1. * t *GLADIATA* DC. I. c. 404. no. 3. — Wght. Icon, plantar tab 783.

6667 ERYTHRAEA Linn.

(DC. Prodr. II 410. — WIPrs. Repert. I. 768. II. 901. V. 535.)

1. *fc. *UILDWILLH* Lindl Bot Resist. 1847 tab. 9. (hybuda.)

6667/i **CIUWOLALYX** Mehn.

(WIPrs. Repert. V. 535.)

- 1 CH. *ABYSSINICUS* Hochstett Flora (S. Z.) 1846 p. 600. — Arbor: ramis aculeatis, cortice interiorum laevi glabro, novellae tamen cum petiolis pedunculis calycibusque tomentosis, folis trifoliolatis glaberrimis (ad nervos in venas tantum ferrugineo tomentosis) stipellatis, stipulis obtusis glaberrimis tomentosis, foliolis lateralibus breviter petiolulatis oblique ovatis obtusissimis, terminali longius petiolulato, triangulariter et dilatate rotundato, floribus in pedunculo elongato cymosis, calyce tubuloso vixitucoso, umbraculato usque ad intermedium fissis, limbo in lobos quinque lineares elongatas digitatis partito, corollis miniatis. t) — *Erythraea Abyssinica* Lam. i — Citat prope Djeladjeranne in Abyssinia.
- 2 CH. *LOMENIOSUS* Huckstett. 1 ut, — Fruticulus prior similis, sed aculeis litoribus (etiam petioli plerumque aculeis sparsis horridi), folis utrumque dense fulvo tomentosis, ne non nevis foliolis lateralibus paucioribus diversis ut videtur, Holes lubu vel mimati, legumina bursata moniliformia tomentosa, articulis globosis semibusque globosis cotyledonibus ad intermedium micula nigra notatis. \) — *Erythraea tomentosa* R. Br. i „ySouna“ (quod color rubrum significat) nomen Abyssinicum. — Crescit in valle Schoata nec non prope Adoam.

6674. PHASEOLUS Linn.

(DC. Prodr. II. 390. — WIPrs. Repert. I. 770. II. 901. V. 537.)

- 1 *PHASEOLUS* Zoll. & Moritzi, System Veri. der von H. Zollinger auf Java gesammelt in Pflanzg. p. 4. — Volubilis villoso-incanus. foliulis subimbricatis rotundatis acuminatis velutinis, praecipue subtus lacinatis, floribus racemosis atro purpureis, racemis folia longe superantibus, calyce ebracteato bilabiato, labio superiore bidentato, bracteis lanceolatis deciduis, leguminibus compressis sub 8 seminibus (2—2½" longis), seminibus subquadratis badis (1") umbilico ovali maximo. 2j. — Crescit in fruticulis prope Ijokoya in insula Java.
- 2 PH. *CYLISSOIDES* Zoll. & Mor. I. c. p. 3. — Herbaceus vel sublignosus radice fusiformi subsimplici satpe longissima, caule erecto subramoso, stipulis subulato lanceolatis, foliolis elliptico lanceolatis vel oblongis (1—1½" longis) acutis, supra glabris, subtus adpresse pilosis, lacinis longe pediculis caulem longe superantibus, Corolla atro purpurea, leguminibus linearibus subfalcatis polyspermis, seminibus ba

- dtifl p ITVIS (l'") compressiuscalis ovalibus. 2J.~ — Crescit in oryzae prope Passlr
In insula Java
- 3 PH MOLLIS Hook. fil. in Transact of the Linn, soc XX 22S. — Subvolubihis totus
molliter velutino pubescens foliulis subaequalibus late ovatis internis, apice rotun
datis, utrinque pubescentibus, marginibus recurvis reticulatis venosis petiolulitis,
lateralibus obliquis, stipulis stipellisque parvis atris, racemis axillaribus elongatis
laxifloris, folio bis terve longioribus, (longibus soctaribus gtmimsve, pedicellis sub
erectis, bracteolis parvis, calycibus puberulis, obtuse lobatis, legumibus com
pressis velutinis linearibus oblongis rectis #©?^ — Crescit in James Island
- 4 *PH. LUNATIC Linn. — DC 1 c. 393 no. 26. — Wght. Icon plant tab 735

6676. **DOLICHOS** Linn.

(Wlprs. Repert I 770 II MH V 539 — *Dolicho** sect. I *Eudolchos* DC Prodr. II. 397.)

1. D. DILLONH Delile, Irid. sem hort reg. Monspelit. 1847. p 7. — Parvulus: foliolis
ovatoacutis 3—4 decimetr longis, caule et petiolis tenuiter villosis, pedunculis
multifloris, fructifens elongatis, corolla luteola septemmillimetrari, vivillo obcor
dato, alis canna angustioribus, ovario cylindrico pubescente truncato, stylum ab
inferiori parte truncaturve liliformem sursum arcuatum emittente, legumibus sub
cylindricis curvulis, pilos adpressos fertilibus, mutrone parvo deorsum uncinato
terminalis, semmibus compressiusculis subglobosis olivaceis nigro-punctulatis, stro
phiola luteola donatis. \)I ^? — Crescit in Abyssinia.

6679. **JMCIIVRIIZIN** A. Rich.

(DC. Prodr. II 403. — Wlpris Repert. I. 781. II. 902)

1. *P. THUNBEKIANUS Seb & Zucc Flora (B Z) XXX. 729. — *Dolichos hirsutus*
Thunb. — (*Pachyrhizus molle* Hsskrl. ? — Repert. II. 902. no. 1 ?)

6687. **ATYLOSIA** Wght. 8c Am.

(Wlpris Repert. I 783. et Emend)

- I. *A. CANDOLLEI Wght & Arn. — Wlpris I. c. no. 1 — Wght Icon, pi tab. 754.

6692 **RIIWCHIOSI** DC.

(DC Prodr II 384 excl §.3. — Wlpris. Repert 1.785 V 540)

1. RH. SERICOPHYLLA Knze. Linnæa XX 63. f — Annua caule volubili viscoso
tortuoso et piloso, foliulis rhombico ovatis acuminatis, lateralibus extrorsum latioribus,
utrinque molliter senteo pubescentibus, racemis axillaribus, petiolo parum longi
oribus bievionibusve, corollae vexillo puberulo, legumine breviter oblongo
scoso ©^ — Crescit in insula Java
- 2 RH MOLLISSIMA Zollinger, Flora (B Z) 1847. p. 700 — Herbacea mollissime vil
losa caule procumbente, foliulis latissimis transverse ovalibus seu ovili suborbicu
laribus acuminatis, basi cuneato truncatis, lateralibus subsessilibus inaequaliteribus,
terminalibus longe petiolato bistipellatis, racemis axillaribus folio longioribus stric
tius legumibus dispermis subobliquis oblongis, utrinque acutis hirsutissimis, floribus
flavibus 2j.^ — Crescit inter *Imperatas* plantae austro orientalis Javae.

6697. **FLEMIXIA** Rxb

(DC Prodr. II. 351. — Wlpris. Repert I. 790. II. 902)

1. FL. (*Flemingastrum*) HELFERIANA Pr&l. Bot. Bemerk p. 140. — Caule fruticulos
strigato villosa, foliis simplicibus cordato ovatis acuminatis acutisve quinque
lobatis, petiolis semiteretibus villosis tomentosisque, racemis illanibus cois
petiolo ter quaterve longioribus tomentosus, bracteis mucosis fugacibus, I
ovalibus dispermis villosis glandulosisque \) — Crescit in Martabana ad M
2 FL. PROCUMBENS Wght. Spicil. Neilghen. I. 48. t 00. et Icon plant, tab. 111
Herbacea diffusa protumbens pilosa foliis palmatis trifoliatis, foliolo inter
obovato, lateralibus ovatis, basi subaequalibus, supra extepletis venis pilosis,

exceptis venis glabriusculis, pedunculis folia superantibus, floribus capitatis, calyce profunde 5-fido, lacinis linearibus lanceolatis acutis, corollam subaequantibus, ovario bivulvato, stigmate capitato piloso, legumine quam calyx brevior, plerumque per abortum monospermo, semine ovali. Λ — Crescit in India orientali (Neilghemes).

Tribus VI. DALBERGIEAE Benth.

6703. ECASTOPHYLLOI Kth.

(DC. Prodr. II. 420. — Wlprs I. 792. V. 541.)

- 1 E. MOLLE Miquel, Linnaea XI. 437. \mathcal{J} — Folium ovato-oblongum breviter obtusiuscule acuminatum, basi rotundatum, superius junioribus subpubescentibus glabrescentibus, subtus tomento molli primum aereo, dein cinereo obtecto, utrinque 10—12-costulatum, panibus axillaribus hirsutis, staminibus aequaliter diadelphis. \vee — Crescit in Brasilia.

6703. PTEROCARPUS Linn.

(*Pterocarpus* sect. 3. et 4. DC. Prodr. II. 418. 419. — Wlprs. Repert. I. 793.)

- 1 PT. . . . ? Zollinger, Flora (B. Z.) 1847. p. 701. — Foliolis 4—5 alternis ellipticis mucronato-acuminatis, legumibus utrinque in parte elevata anastomosante nervo 6is, sutura inferiore retriustula, (totum in *Indico* legumina mutua, in parte elevata uninervia, sutura inferiore convexo acuta). *Jj* — Arbor alta, foliis aureis in partibus interioribus in Mguib. — Crescit in Javae occidentalis sylvis montosis & c. 3000 s. m.

6707. CENTROLOBIOI Benth.

(Wlprs. Repert. I. 79* V. 541.)

- * C. MINUS Prsl. Cot. Bemerk. p. 62. — Foliolis 15—17 petiolulatis ovato vel lanceolato-oblongis acuminatis acutis, subtus petioloque glanduloso punctatis, basi superiore rotundatis, inferiore acutis, petiolo costa nervisque subtus pubescentibus, panicula terminali multiflora, bracteis cordatis acutis, legumibus* cultriformi obtuso cilato creberrime glanduloso punctato ad apicem densissimum longoque spinoso, inferius in medio, spina longa recta compressa instructo. \dagger — Crescit ad Rio de Janeiro Brasilis.

6707. POLTOLOBIVM Prsl.

(Prsl. Rot. Bemerk. p. 63.)

Calyx levissime campanulatus orbiculatus quinquecrenatus coriaceus persistens, cernis duabus inferioribus glanduliferis. Corolla staminaque nota. Legumen stipitatum subglobosum laevissimum coriaceum indehiscentibus velutinum, stylo persistente oblique mucronato-jugulatum, monospermum, intus pulpa fusca farctum. Semen pendulum oblongum compressum tenuiter longitudinaliter striatum leviter curvatum, umbilico basilari orbiculato — Arbor aut frutex Mexicanus glaber inermis: foliis pinnatis cum impari, foliolis coriaceis; panicula terminali foliata multiflora; pedicellis bracteolatis, legumine cerasiformi nigro laevissimo velutino, suturis inconspicuis, pulpa ochracea. — Non obstante insufficientia chara teris generici ob corollae et staminum conditionem ignotam genus hoc ab omnibus Dalbergiis huc usque notis bene differt, ob pulpam legumen replentem ad *Gouffioyam* accedit, calyce legumineque ab hac et a reliquis *Dalbergiis* recedit

¹ *P. HM>OLH; CUM Prsl. I. cit. — Crescit in Mexico.

6710. MACHAERIUM Per9.

(Wlprs. Repert. I. 794. V. 542.)

- 1 M. HETEROPHYLLUM Prsl. Bot. Uemerk. p. 61. f — Inermis stipulis deciduis, ramulis petiolisque pubescentibus, foliolis 7—9 petiolulatis coriaceis acuminatis obtusis

pimiatinervus reticulato veuosis, infimis ovatis, basi rotundatis aut acutiuculis, supremis terminalique oblongo lanceolatis, basi angustatis, costa media subtus pubescente, petiolulis hirsutis, racemis axillaribus, fructibus sessilibus, legumme falcato glaberrimo reticulato venoso longe stipitato. \) — Crescit in Biasiha ad lio de Janeiro

- 2 M LUSCHNATHIANUM Prsl 1. c. \) — Inermis stipulis deciduis, ramulis, petiolis, racemis fulvisque subtus pilis minutis densissimis pubescentibus, foliis 13 — 1¹ petiolulatis coriacis acuminatis acutis pinnatinervis reticulato venosis pellucidis punctulatis, basi rotundatis aut acutiuculis, infimis ovatis, superioribus terminalique oblongo lanceolatis, racemis axillaribus, fructibus sessilibus, legumine longe stipitato glaberrimo cultiformi, tenuiter reticulato venoso, ad lumen ingo. — Crescit ad Rio da Janeiro Brasiliae

6713. POXCAMIA Lam

(DC. Prodr II 416. — Wlpru Illept. I. 798. II. 902 V. 543)

- 1 P. GRANDIFOLIA Zoll. & Morbi Syst. Veiz. der v. II. Zollinger auf Java gesammelten Pilaiuen p. 2 — lilius 1—2-jugis cum imparibus foliis late ovatis vel rotundatis (lobis bubacumatis, foliis paniculato lacemoso liliatis, calyxibus tenuitatis brevissimis 5 dentatis, staminibus monadelphis, bupremis semilibero hinc. — Crescit in littoribus mansu per Piupoli in insula Java
2. P. VOLUBILIS Zoll. & Mor. 1. c. p. 3. — Hutescens volubilis: folium imparibus natis 6—7 jugis, foliis oblongo vel cuneato lanceolatis brevissime acuminatis integris petiolis liliatis strobiliferis (pinnatis in junioribus), foliis raris extraaxillaribus terminalibusque punctulatis, calyce ampliato breviter truncato 5 dentato, staminibus monadelphis, vagina superne fere, deorsum semilibero, legumibus compressis 1—2 seminibus subtomentosis, sutura superne subalata — Corolla extus sericea alba, intus rosea. \) — Crescit ad ripas fluminis Duuonis (Tjiduan) insula Java
3. P. ? Zollinger, Flora (B. Z.) 1847. p. 701. — Caule volubili sparse piloso, ramulis foliisque glaberrimis, foliis 7 oppositis ovatis acuminatis, reticulatis filiformibus, folio paulo longioribus, pedicellis tenuissimis puberulis subsessilibus foliis flavis. — Pong rostratae valde affinis et quoad flores certe distincta. \) — Crescit in Bantam prope australes Javae occidentales.
4. p. ? Zollinger 1. c. — Caule frutescente volubili minute verruculoso, approximatim, foliis 5-jugis mm imparibus, oppositis retusis acuminatis, inferioribus ovatis, superioribus majoribus oblongo lanceolatis, supra glaberrimis, subtus glaucis, induratis minutissime sericeis, racemis folio longioribus, pedicellis terminalibus formibus, calyce rubescente, corolla alba, fructu . . . ? hinc. — Crescit in Bantam prope australes Javae occidentales.

6715. ITILLITIA Vght. Sc Am

(Wlpru Illept. I. 701) II 002 V. 044)

1. M. MACROPHYLLA Uenth in Hooker Icon plant. IV. tab. 788. — liliis 12 — 1 oblongis subtus ferrugineo pubescentibus, stipulis subnullis, racemo elongato terminali solido ferrugineo tomentoso, calycis ore truncato breviter dentato, vexillo aequo extus glaberrimo, canna apice villosa, filamento vexillari hinc ad medium tubo staminibus cohaerente, legumine tomento brevissimo rufo sericeo. \) — Crescit in insula Java prope Bantam.

6715. BERREBERA Hochst U

(Hochst. Hora [B. Z.] 1846. p. 597.)

Flores magnae racemose. Calyx campanulatus, obsolete biabiatus, lobis superioribus truncatis vel emarginatis, inferioribus tridentatis. Corollae vexillorum petala quinque libera, vexillum emarginatum, alis paulo superantibus longioribus, alae et carinae petala longe unguiculata. Stamina diadelphica, filamento vexillari libero. Ovarium sericeum imbricatum

multiovulatum; stylo filiformi, stigmatibus crassiusculo. Legumen breviter stipitatum lineari-elongatum acutum, versus basin angustatum plano-compressum coriaceum, superne 3—5-spermiis (ovula reliqua inferiora aboriuntur, saltem in prima specie, cui ovula 10—12), valvis inter semina¹¹ versus basin arete cohaerentibus (hinc legumen vix dubie indehiscens); semina reniformia.

- B. FERRUGINEA Hochstett. 1. c. — Fruticosa vel arborescens: ramis ramulisque rubiginosis; foliis imparipinnatis multijugis (7—12-jugis), foliolis 1%—2-pollicaribus lineari-oblongis acutis brevissime petiolulatis, subtus cano-tomentosis, ad nervum et venas ferrugineis; stipulis lanceolatis, stipellis ad singula jugi et folioli terminalis basin sotaccis; racemis axillaribus elongatis, riliachi, pedicellis calycibusque ferrugineo-tomentosis; corollis albidis sericeis; legumine 0—9 pollices longo, superne 10 Hnras usque pollicem lato, versus slip item angustato compressissimo, suturis incrassatis **marginato glabro**. — *Jtilletia ferruginea* Hochst. olim — *Se&bania ferruginea* Schimp. — Cre&cit ad rivos montanos prope Adoam.
- % »B. CAFUIA Hochst. 1. cit. p. 598. — *lOilletia Caffra* Meisn. (Repert. V. 344. no. I.)

6716/2. **DREBBKLIA** Zollinger.

(Zollinger, Flora [B. Z.] 1847. p. 702.)

Differt a *Spatholubo* Hsskl. (Repert. II. 903. V. 545.) solummodo: calyce aequaliter quadridentato, vexillo alias partes includente, a medio reflexo, alis carinae basi hastatis unguiculatis, germine gemmula uivica, legumine monospermo compresso, basi membranaceo lato, apice seminifero angustiore, semine longitudinaliter obovato. — Herba volubilis, *Mucunae* facie, tota ferrugineo-villosa; racemi axillares stricti compositi, flores fasciculati, corolla purpurea.

- * 1. DR. FERRUGINEA Zollinger 1. c. p. 702. — Cre&cit in sylvis prope Panimbang Javae occidentalis prov. Bantam.

6717. **DALBERGIA** Linn.

(DC. Prodr. II. 41G. — Wlprs. Repert. 1. 799. II. 903. V. 545.)

7. D. ? Zollinger, Flora (B. Z.) 1847. p. 701. — Caule fruticoso volubili; petiolis foliisque (subtus et in venis magis) villosis, foliolis septem oppositis obovato-oblongis obtusiusculis; racemis terminalibus subconfertis, folio subaequalibus. [] — Crescit in sylvis provinciæ Tjanjor Javae occidentalis.
2. ^ V Zollinger 1. c. 702. — Foliolis 5—7 alternis obovatis, subtus glaucescentibus minutissime puberulis, basi acutiusculis, apice mucronulatis; racemis axillaribus subcongestis, folio brevioribus; fructibus . . . ? y* — Crescit in provincia Bantam Javae occidentalis.
3. *D. HTIFOLIA Rxb. — DC. 1. c. no. 2. — Wght. Icon. pi. tab. 115G.

6726/^ **CVitXOHOTIYS** Zuccar,

(Zuccar. Flora [B. Z.] 184(i. p. 427.)

Calyx cupularis truncatus integerrimus persistens. Corolla papilionacea, vexillum orbiculatum breviter unguiculatum et ad unguem^{u^} inque auriculatum emarginatum, alas obovato-oblongas aequans; carina^{r^} alas aequans, recta, petalis sursum cohaerentibus. Stamina inclusa^d adelpha, v^e xillari libero, ascendente. Ovarium stipitatum lineare compressum^P multi-ovulatum hirtum. Stylus sursum flexus glaber, stamina[?] aequans, demum superans; stigma capitatum papillosum. Legumen stipitatum^l lignosum cylindricum acutum tomentosum indehiscens mono-tripermum^c, inter semina diaphragmatibus lignosis interceptum ibique substrictum^o. Semina elliptico-globosa crassa, hilo laterali concavo; testa^{tes} crassa lapidea. Cotyledones crassae carnosae, radícula brevis

conica recta, plumula diphylla foliolis simplicibus. — Librum ipsum non \idi.

Tribus VII. SOPHOREAE DC.

6767. EDWARDSIA *Salhb.*

(DC. Prodr. II. 97. — WJprs. Repeit. I 806.)

1. E. MADERASPATAN\ Wght. Icon, plant, tab 1054. — toliolis circiter 25 nis gk*
bris e\ elliptito subnvatis obtusis mutionatis v. frequently apice retusis, racem^f
axillanbus v. teimmahbus pubtrulis mntillons, calycibus tupulatis subobliquis 5 d«''
tatis, le^ummibus villosis 1) — Crescit in India orientali piope Madias.
2. E. PAR\FOLIA Wglit. 1. c. adn. — Gl tbernma fohohs pierumque sepl
ovato apicem versus attenuate, ellipticisque mucionatis, racenus axilhnbus
api< em lamorum con^e&tu*, mullifloiiis, floiibus secundis, cal>cibus cupulatis ubtu**.
quinquedentatis glabns, filamentis c basi libelis corollam longitudine atquantibus
ovano gracili glabio sub 10 ovulato. f) — Ciescit in India orientali.

6738. SOPHORA *Linn.*

(DC. Pioch. II. 95. ex p. — Wlprs. Repert. 1 806. II. &)3.)

1. *S. GLAUCA Lesdi — DC. 1. c. no. 2. — Wglit. Spicil. Neilgherr I. 43. tab. J-^L
Icon, pi Hit tab 970.
2. • S. HPTAPHYLLA Linn. — DC. 1 c. 9fi. no. 9 — Wt;lit. Icon, plant, tab. 1055.

6738/,. AUIIttOTIIAIUMS *Bnge.*

(Bnge Arbtn. des natuif Veremes in Riga I. 213.)

Calyx campanulatus extus subbilabiatus, dentibus duobus superioribus abbreviatib, tiibu& inferioribus productis> triangularibus acutis C~
rollae papilionaceae VQxillum remotum uiguicildtum, lamina rotunda^
plicata; alae utiuque auriculatae; carinae petdla hbera dors>o invice^{III}
be involventia* Stamina JO diadelphba (9 et 1) basi villobula Ovari^{II}
btipitdtum hneare plurioviilatam Stylus imuivus ^Idber. Stigma cap^I
tatinn minute penicillatum. Legumen moniliforme apterum contetu^I^
bivalve oligot> perm urn. Seinina ovoidea e&tropbiolata. Radicula brevis
si ma incurva. — Sutfiutex habitu *Sop/to? ae*, a qua dillert btaminibuJ* dia
delphis et legumiie complete in valvas diias dehibcente.

- *1. A. LLHMAMNI Huge. I c. 214. f — I-iequciitissime ciescit in desertis ^{arenosam}
Kisil kum, inter Nasorbai Chuduk 8c. Agatme.

Subord« II. CAMSJLWd'PINEmA.m DC.

XII.^c CI^CLIDOCAltPIh *Zollinger.*

(Zollmger, Flora [B. Z] 1847. p. 702.)

Calyx tubo oblique brevissime urceolato, limbi quinquepartiti ^{*lacinia}
antioa reliquas breviores subinaequales includente Corollae petild ^{5 ca-}
lycis fauci inserta, ejusdem lacinjis dlterna unguiculata, P ^ V ^ M vix
minus. Stamina 10, cum petalis inserta ascendenlia libera ba&i ^{villosis}
sima; antherae horizontales, medio affixae sublineareh. Gernieii sc ^{je}
coinpresfeum, gemmulae plurimae, stylus continuus, apicem versus ^{con-}
pressus; stigma terminale minutum subcrenulatum. Legumen ^{pres-}
sum oblongum, utrinque truncatum indehiscens 5 — 7-hpermum, ^{sub-}
incrassatib, faciebus utrinque transveibe parallele cancelldtuin, Pulpua ^{sub-}
culenta fa return, demum exbiccatuin fragile; seinina bubcompres* >a, ^{dorso}
convexa, ventre concaviuscula, testa Crustacea atra nitida.

1. C. NITIDUS Zollmger 1. tit. — Frutex scandens, omnino facie *Caesalpiniae* ^{* ramis}
aculeatis, folus foliolisque multijugis supra nitidis, petiolus villosis, racenus a ^{sullan}

bus in ramorum (xtnnui u* subconfertis, basi raraosis, ptdiftillis pafntibus sparsis
solitans. — Crescit. . . .

XX (6771.) POM ARIA *Cavern.*

(DC. Prodr. II. 485. — Wlprs. Report I 811. V. 530.)

- 1 P. MELANOSTICTA S. Sthauer, Linnaea XX 748. f — Fruticosa: indumento prorsus eglanduloso, ramulis stutatis racemisque villo brevi rever&o canescentibus, folns bijugato bipinnatis cum pinna tennuidli, pnnis omnibus abruptis, rhdchi mucionata, fohuhs 3 — 4 jugis oblique elliptius brevissime petioluldtis obtusissimis subretusisve muticis cum rhachi laxe villosis, subtus cum calyce et legumme atio punctatis, stipulis brdcteisque dcuduis pmiidtifidis, racemis trmmalibus lateralibusve pedunculatis lixiflons, corolla calycem aequante, le^umie 2 — 3 spermo munculato, muncibus brevibus ipice stellato pilosis ^ — Cre&cit in montams Mexici, ad Zimapin

XXIII. (6781.) Ct&SIA *Lmn*

(Wlprs. Report I 812. II. 904. V. 559.)

1. C. BIFIDA Zollinger, Hora (B Z.) 1847 p. 703. — Glabernma follolis 9—10jugis elliptKo oblon^is obtusis austito mucronulatis, glandulis inter pai infimum, pedunculis avillanbus solitanis, glandulae anstatae in bifuicdtione, legumimbus peudulis compresbis gUbiib. /) — tresut in sjlvis et fiutitetis Juvde onentalib et ocuden talib.
2. C. VISCID\ Zollinger 1 c. 704. — Caulu flexuoso pttiohsque lupidulis, foliolis bijagis oblique rhftmboidtis mucronul itis, margine villostusculis, laceniis oppositifolus laxis, legumtnibus compressib cum calyce glanduloso pilo&is lliomboideo linearibus h — Affinis *C viscosae* H. B. Kth. — Cic&cit in aj;iiis incultis Javae oiitntahs.
3. C. QUADR VNGULAIU^ Zolhn,ei & Mont/i, b>stem Vtr/eichi). der von H. Zollinger auf Java ^esamineltn IMdiuen. pig. I. — liutx >M I »ns 3 — 4JU^IS, petiolo quddranguldn, stipulib . . . deciduis vtl duficientibus, tojaiulula subcylindrdua in ter parid uifima, foliolis ovatis acumirutis gldbris integeriimis petiolulatis, flonbus bubcorymbosis dxilldiibus fldvis, sepalis obtusis&imis, le,unnnibus paucis in jjeclunculo ticdtiisdto tuigidis (in sicco) subquddrdnguldiibus, trinsver^im nuntil< (uluilm, Indeluscentibus? \) — Crescit ad ptdem montis Saldk in m&au Java.
4. C. ADENANTHA Zoll. & Mont/i 1. c. 2. — Fruticos.i folns 7 — 11 JU^IJ., stipulis lanceoldtis deciduis, gldiidula crassa cjlnuhracca petiuldii vel inter pai mlimum j>ita, foliulis elhpticis mucrondtih gldbris subtus flau< is petiolulatis, pedunculis d.villaribus binis billons, in dichotomidgl mdula cjlindiaced stip.itis, sepilis obtu&issimis*, corolla luted, leguminibns complanntib lincaribus ti insversim multilocularibub iidehisceutibus glabris t) — Crescit in collibus prope Tjipannas in insuld Jiva
5. C. ADLNOPODA Miquel, Liurnea XIX. 43b. f — Foliulis bijugis brevissime petiolulatis, praeter petiolulum ndscentem gldbris nitidis ellipticib obtuse ucumuidtis muticis, basi subcuneatim attenuatis, summis bubinde inaequilatens, glandula sessili excavata inter infimi et subconica inter summa (deciduis), ricemis e ramis aphyllis, simpheibus ferrugineo senccis et infra pedicellos glandulis scutelldtis mstructis, sepdilis ciliatis, pctdlis unguiculdtis rotundatis glabris, in plensque Horibus depauperatis parvis calvci aequilon^ts hutellis. \) — Crescit in Brasilia.
6. * C. OBTUSA Rxb. (Repert. I. 822. no. 100. (J.) — Wght. Icon, plant, tab. 757.

XXVIII • LEVCOIMIPHALOS *Bnth.*

(Hook. Icones plant. IV. tab. 784)

Calyx basi bracteolis duabus stipatus clausus, in valvas duas (?) ~~demum~~ rumpens. Petala quinque inaequalia, in aiabastro subsessilia, ^{fi}Uperius (vexiliare) late ellipticum, aestivatione lateralia leviter amplectens, lateralia (alaria) subdimidiato-oblonga, superiora angustiora, margine antico induplicata, propter inferiora extenora, inferiora (carinalia) Uteralibus subconformia, margine antico altero alterum tegente, margi-

nibus poslicis induplicalis. Stamina decem hypogyna subaequalia libera, filamentis brevibus, antheris longis linearibus basifixis, loculis duobus rim a introrsa dehiscentibus. Ovarium stipitatum, in stylum ei subaequalem attenuatum, uniloculare, ad suturam ventralem biseriatis sex-ovulatum. Stigma oblique terminate semilunatum. Legumen stipitatum, oblique semiorbiculatum subfalciforme, abortu monospermum, in valvas duas dehiscent; Semen medio suturae leguminis affixum, transverse oblongum, funiculo brevi crassissimo fungoso papilloso, arillum valde incompletum sistente, testa crustacea, micropyle hilo adnata. Cotyledones semiellipsoideae, facie plana sibi invicem applicatae, commissura diametro seminis breviori respondente. Radicula....? — Frutex Africae tropicae occidentalis, inflorescentia excepta glaberrima: ramis gracilibus. Folia alterna unifoliolata, petiolo gracili apice leviter subgeniculato sustensa oblongo-elliptica acuminata, margine integro, siccitate subundulata reticulato-venosa, rigide chartacea nitida. Stipulae minutae triangulares sphacelatae pleraeque caducae. Paniculae terminalis interdum depauperatae rami breves racemiferi, fructiferi magis minusve incurvi, pilis malpighiaceis cinerascens. Bractae minutae ovatae, ad basin pedicellorum persistentes, bracteolis calycinis subconformes. Flores breviter pedicellati mediocres albi.

*1. L. CAPPARIDEUS Benth. 1. cit. — Crescit in insula Fernando Po.

XXXIV. (6795). **JONESIA** *Rab.*

(DC. Prodr. II. 487. — Wlprs. Repert. I. 844. II. 904.)

1. J. MINOR Zollinger, Flora (B. Z.) 1847. p. 704. — Foliolis trijugis subcoriaceis oblongo-lanceolatis cuspidatis, inferioribus basi subrotundis; corymbis laxifloris pedunculatis; bracteis alternis ovatis acuminatis glabris. — Crescit raro in inferioribus e. g. prope lintaviam in insula Java.

XXXVIII. (6796.) **AFZGLU** *Sm.*

(DC. Prodr. II. 507. — Wlprs. Repert. I. 844.)

1. A. URACTEATA Vogel. mss. in Hooker, Icon, plant. IV. tab. 700. — Foliolis 3—4-jugis oblique oblongis vix acuminatis obtusis retusisve; petal. ungue catyce triplo longiore. — Crescit in Sierra Leone.

LIN. (6790.) **BALIMXIA** *Linn.*

(DC. Prodr. II. 512. [excl. sect. 1.] — Wlprs. Repert. I. 847. II. 904. V. 572.)

1. B. EMARFINATA W. Jack in Calcutta Journ. of nat. hist. IV. 159. f — Foliis cordatis subrotundo-ovalibus glaberrimis, acumine brevi obtuso emarginato; floribus octandris; staminibus tribus superioribus fertilibus. — *Dadaub* in patria nominatur. P — Crescit in insula Sumatra.

LIU. *• **PIEIOSTIOIFIA** *Hochstett.*

(Hochstett. Flora [B. Z.] 1846. p. 598.)

Flores dioici: masculorum calyx coriaceus tubo turbinato, limbo 5-fido, laciniis brevibus acutis; corollae petala quinque unguiculata obtusa subaequalia, calycis fauci inserta; stamina decem cum petalis inserta, omnia fertilia, filamenta basi villosa breviter, antherae linearibus longae, infra medium affixae; germinis rudimentum. Florum foeminarum calyx similis 3—4-fidus; corollae petala quinque maris similis sed paulo minora; staminum rudimenta subnulla; ovarium stipitatum lineare coinpressum polyspermum, stigma pelviforme vel potius pileiforme crassissimum, in ovario sessile. Legumen coriaceum, late lineare (arcuatum) compressissimum bivalve polyspermm indehiscens, semina serialia compressa, intra pulpam farinaceam nidulantia.

- ¹ P. PYRRHOCARPUM Hochstett. 1. c. 59S. — Arbor speciosa follis couaceis 1 ovito tordatis, obtuse bilobis, 9—11 nervibus, eximie itticulato venosis, suhtus le lutims, Qoibus ratemosis vel subpamculatis, racemis folio brevionbus, in planta foeminea plerumque paucillons, calycibus cinnamomeo tomentosis, petahs extus villosu tomentosis, legummibus spithamaeis tomento velutmo rufo cinnamomeo vesfi t/s — Crescit in Abyssinia prope Ferrokobo, nee non prope Djeladjcranne

Subordo III. *MMMOSEAE* DC.

(Until. In Wlprs. Rept. I. 857 — 932 II. 905. V. 576 — 645)

III. (6824/.,) *PENTACLETHRA* Bnth.

(Until, in Wlprs. Rept. I 857 V. 577)

1. *1\ HLAMENTOSA Bnth. — (Rept. I. 837. no. I.) — Bnth. in Hook. Loud, jouin of bot v. 78. — *CailUea macroUachya* Steudel. — *Dichrostachys macrostachya* Wlpi& Kt pert V. 583. no. 2

IV. (6832.) *ENTADA* Linn.

(Bnth in Wlprs. Rept. I. 8J8. V. 578)

- ! F ABYSSINIC V Steudel in Ilook Lond. journ. V. 78. — Ramuhb petiolisque gla Iñ4 (inertnibus?), piinis 15 — 20 jugis, foliohs multijugis oblique lineanbus oblusis rJabris, spicis fructifens axillanbus. /) — Ciescit in \bys&inia.
 ✧ * E MYTUADENIA Bath. — (Reptrt. I. 858. no. 5.) — Bnth. in Hook. Loud journ. of bot. V. 79. — *Acacia pamculae flora* Steudel. — (Rept. V. 591. no. 23.)

XII. (6821.) *PRO&OPIS* Linn.

(Until. In Wlprs. Rept. °V. 581. I. 861. — DC Prodi. 11. 44G.)

- 1 Pit HEIEHOPIIYLLA Bnth. in Hook Lond journ. V. 82.— Glabra , petiolis Ion gissimis complanatis, pmius 1 — 2jugis vel abortivis, foliohs 12 — 15 jugis obliqm oblon^is par vis, spicis subses&ilibus folio brevionbus, le^umiue piano margiibus in crassatis \) — Crtscit in Mexico.
 2* PR. PUBhSCENS Bnth. 1. c. — Stipulis spinescentibus subulato conicib, fulioium pmiiis pltusque UUIJUoIS, foliohs 5 — Sjugis oblongis obovati&ve obtusis pubuuh, t>picis elou^atis pube¢ibus sub interrupts, corolla calyce duplo lon^iore, stamini buj> evscrts, anthfiis glanduhfens y legumine dense spirahter contorto. i) — Habitu ad P *strombuliferam* atctdit, mlflorescentia distmctissima — Crescit in California inter S in Miguel et Monterey.
 ✧ PR STRIATA Until. 1. cit. 1. c 83. — Glabra. ramulis crasus costato striatis apice attenuato subspine¢ibus, stipulis spine¢ibus recurvis , pmms unijugis, foliohs 2 — 3 jugis oblongis, peduncuhs folio lon^ionbus , capitulis globosis, petahs gltbrib, ovario villosu \) — Raiuuh virules nitidi, nonnulh compres&i, omnes co&tis Havicantibus stnati. Stipulae parvae, valde recurvae. Folia pauca, petioli commu nes breves, pinnae semipollicares vel paulo longiores, foliola 3 lin. longa rigidula. Pcdiuculi solitiru vel gemini, 8—10 lin. longi. Flores virides. Calyx brevis trun catus minute 4 dentatus. Pttala 5 omnino glabra, baj& diu tohaerentia. Stamina 10, corolla duplo longiora, antherarum glandula majuscula. — Ciesut in America ausli ill ad Poit St. Helena.
 4 *PR. ODORAT\ Toir. & Fr^mond, Report etc. tab. 2. ex Duchartre, Revue bota mque II. 54. — (Liber a roe non visus.) — Crescit in California.

XIII. *DICHROSTACHYS* DC.

(DC. Prodr. II. 445. — Bnth. in Wlprs. Rept. I. 863. °V. 582)

- ¹ *D NU1ANS Bnth — (Rept. I. 863. no. 3) — Bnth. in Hook. Lond journ. of bot. V 83. — *Acacia spinosa* E. Meyer, Comm pi Afr. austr. I 170. — *Mimosa san-9mnea* Bruce, Tiav. V. 34. (c. it.)

XIV. (6828^a) NEPTUXIA *Lour.*

(Bnth in WJprs. Repert. I 863. °V. 583)

-] *N. TRIQUETRA Bnth. — WJprs 1. 1. c c. — *Desmanthus triquetrus* Vahl — Wght Icon, plant tab 756.

XV. (6828^b et 6830) UESITLIXTHUS *Bnth.*

(Bntü. in Wlprs. Repert. I 864. °V. 584.)

- 1 D. IXCURVUS Bnth in Hook Lond journ. V. 84. — Diffusus glabrusculus pm* ni8 2 — 5 jugis, foliolis 10— 15jugis, glandula parva vel deficiente, leguminibus falcatis hirtellis 0— 8 spermis, semibus ovatis \) — Habitus *D. depressi*, sed le^u mine inter illa *D. depressi* et *D. brachylobx* medius. Differt insuper a *D. acuminato* legumine latiore brevlore minus acuminato et pilis brevibus coisperso. — Crescit i» Mexico inter Real del Monte et Zacatecas.
- 2 *D DEPRESSUS Kth — (Repert. *I 864. no. 3. - DC. Prodr. H. 444 no. 7) - Bnth in Hook Lond journ of bot. V. 84. — *Demianthus pratorum* Mcfd. Flor Jk* maic. I. *Sll.*

XVI. MIMOSI *Linn.*

(Bnth. in Wlprs. Repert I. 864 II 905 °V. 584. — DC. Prodr. II. 425)

- 1 M (*Eumimosa*) HOSTMANNI Bnth in nook. Lond. journ. V. 84. — Aculeis retror bis paivis runs, ramulis petiolisque ferrugineo hirsutis pubescentibusque, foliolis oblique obovatis oblongis obtusis* mucionulatis, utrinque stiigoso pilosis, pedunculis capitulo duplo lon^ioribus, bracteolis coequantibus, legumine lecto vix acimino undique dense ferrugineo setoso. 1; — Affinis *M. rixosae*, sed legumen minus, setis minus rigidis, in faciebus creberrimis, marginibus fere minonibus. — Credit in Surinam
- 2 M. PLATYPHYLLV Dntlj. 1. cit. 85. - Suffruticosa inermis, undique setis rufis hirsutissima. foliolis oblique obovatis obtusis, utrinque hirsutis, pedunculis capitulo longioribus, bracteolis elongatis subulate setoso hispida 2]. — Species foliolorum in plitudine insignis — Crescit in Brasilia ad Camapua.
- M. *Gymnoloma* Bnth. 1. cit. — Suffruticosa inermis glaberrima, foliis oblique obovatis miris, inatis nudis, bracteolis corollas subsuperantibus 2]. — Caulis erectus strictus (caulis majora 3 poll, longa, vix 2% poll lata, in altero specimine multo minora, sed angustiora quam in *M. angustata* et minime ciliata. Capitula bracteolatis emmentibus echinata — Crescit in Brasilia ad Camapua.
4. M. SKIIS IN Mil Bnth 1 cit — Heibacea humilis diffusa aculeis infrastipularibus rectius callis geminis, caule, petiolispedunculisque longe patentibus pilosis, stipulis lanceolatis pinnis petiolo subbrevis, foliolis 4 — 8 jugis oblique obovatis oblongis, supraglabris, subtus longe pilosis, pedunculis axillaribus petiolo aequantibus, capitulis 6-8-lobis, calyce minuto, legumine articulis 3 — 4 stellato puberulis, medio nudis, legumine setoso ©? — Herbula vix *M. viva* major, sed jam lursutie distincta est. — Crescit in Guatemala in oia Leone.
5. M. IRRITABILIS Prsl Botan Bemerk. p. 64 — Folus conjugato pinnatis (seae pinnatis unijugis), foliolis 12 jugis oblongis obtusis ciliatis, junionibus subtus pubescentibus, petiolo communi inermi, aculeis stipularibus aduncis, caule ramisque subinermibus, capitulis axillaribus pedunculatis subsoptaribus, legumine lineari inermi © — Stipulae pectinato-ciliatae. Flores tetrameris Legumen quadriplicare pube minuta adpersum Propius accedit *M. pudicae* quam *Hl. sensitivae* pinnis unijugis pinnis fronte differt. — Crescit in Martimca.
6. M. HEROCARP\ Pisl. 1. cit. — Fruticosa scandens? ramis petiolsque sparsis recurvato hamatis armatis, folus unijuge pinnatis, pinnis quadrijugis, petiolum aequantibus ovato lanceolatis acutis trinervis cartilagineo marginatis presse setoso ciliatis, subtus strigosis, basi dimidiatis, intenore ultimo cordato trinervio, pedunculis bimis soptaribusque petiolo brevioribus, bracteis ciliatis,

bus capitatis, legumtne mar, inibus setoso acultato aut elhptlco monospermo disper
moque aut lineari tnsperm >, loculis disco eclunatis \)** — Liescit in Brasilia ad Rio
de Janeiro

- ^{7*} M CALLISTACHYA Prsl 1 c 65 — Itamis sulcatis petiolisque dculeatis et velutmo
pubescentibus, aculeis sparsis recurvatis, folns bipinnatis, pmiis 18jugis, foliolis
multijugis linearibus obtusis petiolisque secundanis e_Bldiidulosis pubescentibus, spicis
axiUaiibus geminis cylindrateis in ptniculam dispositis peduiituidtis, ptduncutis ilia
chique velutmo pubescentibus, bratteis setaceis minutis, talyce bievi repando
4 dentato, corollae latius dorso pubescentibus j) ? — Crescit In Biasilia ad En
trada dos Reyes
- & M SCHRANKIOIDES Bnth 1 c 86 — Aculeis uncmatis retrorsis numerosis, ramis
fitritis pttiolisque hirsutis, stipulis subulatis, pinnis petiolo saepius longioribus, fo
liolis 12 — 20 JU₀IS oblon_eo lineanbus acutiustulis tenutter marginatis ciliatis utrin
que molliter adpresse villosis, bratteohs coiulld subbreuiobus calyte inmuto longo
cilnto, lc₋umimbus dense setoso hispidis i) / — Affuus At *retrona*, petioli 1[^],
pollitires atuledti foliola senupollitaria v lon_biora, praeseitim subtus villosa pe
duntuh in racemum termmalein dispositi % — 1 polliLares — Ciesut in Guiana
Biitannica
- ^{b)} M HIR&UTISSIBIA Bnth 1 c — SufTruticosa inermis caule erecto subsimphel
setis patentifeus husutissimo pinnis umju_sis subsessilihus, foliolis 15 — 2ajugish
nean oblon_Dis acutiustulis, supia glibris, subtus setosis, racemo terminali foliato,
capituhs pcduntulitis ovatis, bntteolis corolla subbievioribus pilosissimis \. —
Crescit in Brasilia ad St Paul
- ¹⁰ M TIUOPHYLLA Bnth 1 cit. 87 — Itamulis longe et dense lanatis, stipulis late
lanteolatis, petiolo bieivissimo, foliolis 10 — 15ju₀is late filcato oblon_{is} atutius
culis, utrmqut adpresst villosis pilis sublus longis suM[^]iiatis, capituhs olobosis vil
los&imis, brietfolis corollam aequantibus, calyce mlnuiò vel obsoleto [) i — Affi
ⁿ»s *M pogocephalae*, sed lana den&ior, foliold nnjora (8 — 10 liu lon_Da, 3 — 4 hn.
lata) crassiora, densius villosa, forma ilia *M dotentts* affinlamque uleicutii, sed
non mar₀inata et mdunientym (ttsi densius) *Ertocantum* — Crescit in Itafeili it pro
vincia St Pauh
- ¹¹ M (*Hubbauu*) HEBECARPA Bnth 1. cit — Intrmis? ramulis ptti >lisque feru[^]H
neo pubescentibus, stipulis subulatis, pinnis 20 — 2J jugis, foliolis multijugis oblique
oblongis parvts ciassiusculis, demum ^labratis, spitis lon₉is densis, rlnclude villosa,
floribus ttrimens ovarusque hispidis, le_{umme} liueaii piano undique villosa inermi
^v^I ad margines ranssime aculeolato \) — Rami tortuosi demum glabri, foliola vix
llneam longa, spitat cussae 2 — 4 pollicaits — Crestit in Brasilia ad Rio Pardo
- ^{1^} M (ASCICULATA Bnth 1 tit p 88 — Aculeis sparsis gemiuisve, ramulis petio
lisque villosa pubescentibus, btipulis lineanbus, pinnis sub 15jugis dimidiato ob
longis utrinque pubescentibus spicis cvlmdrateis densis, flonbus 5 — 4 nieris hir
tis, ovario villosa *Tj I* — *Acacia fasciculata* Kth Mimos 75 t 23 — Crestit in
America centrili ad Guanajuato
- [^] M XANTHOLASIA Bnth 1. cit — Inermis? ranns pttiolsrque pubescentibus, sti
pul s an_Duste linteolato subulatis, pinnis sub7ju_Dis, foliolis multiju₀is dimidiato
oblongis subfaltatis, utunque adpresse pubtiulis, spicis tenuibus laxiustulis, Qonbus
tetrameus sub₉labris, o[^]auo glabro t) — Pubes lamulorum petiolorumque densa
flavescens Snigiefere *M lewcurpae*, calyx membranaceus laxus, toiolia lineam
³o_na late infundibuhformis — Crescit in Venezuela
- ¹⁴ M PUKFRCJLV Bnth 1 cit — Inermis, pube mmuta pallens stipulis subulatis,
Pinnis 5 — 10 ju₀is foliolis 15 — 20 JU₀IS oblique oblongis ciassiusculis pallidis, spi
ta cyllndruis densis, (lonbus4 — 5 metis glabnustulis, ovario pubtstente p —
~~Foliotis r₀ida 2 — 2% hn longa, 1 hn lata spitie subsesquipollicares brevissime~~
Vedunculatae — Crescit ad ^i map an in Mexico
- ¹⁵ RI ADENANTHLOIDES Bnth 1 cit — Ramulis puberulis sulcato stnatis, acu
^{le}l₀ sp₀is vahdis uncmatis, pinnis sub Qjugls, stipulis anguste lanceolato subula

- tis, foliis 8—10 jugis ovato oblongis dimulatis obtusiusculis, utrinque puberulis subtus palhdis, spicis tenuibus laxiusculis, flonbus pubeius 4—5 meris, ovan< puberulo.]—> *Acacia adenantheroides* Mait. & Galeotti.— (Repert. V. 591. no 23) — Foliola 3 — 5 hn. longa, 2 hu lata, basi valde obliqua, spicae 1 — 1% polheares. — Crescit in Mexico.
16. M. REMOTA Bnth. 1 cit.— Undique pube minuta pallens vel candicans, inermis? pinnis 2 — 4 jugis remotis, stipulis angustis lanceolato-subulatis, foholis 5 — 7 jug^{is} oblique ovatis oblongis* obtusiusculis, utrinque puberulis concoloribus, spicis team bus laxis, flonbus 4 — 5 mens ovamsque puberulis. \) — Af6nis *M. adenantherou* U sed aculei in specimifce nulli, pinnae et foliola pauciora et haec utrinque nee subtu^s tantum candicantia. — Ciesut in Mexico.
17. M. GUATEMALENSIS Bnth. in Belch Voy. of the Sulphur p. 89. — Undique vaol liter villosa aruleis sparsis rectis v. vix uncmatis, pinnis 3 — 4 jugis, stipulis l<ⁿ ceolatis angustis, folns 3—Cjugis, foholis ovah oblongis, supia brevitei, subt^{fic} longius MIOSIS, spicis cyhndncis densis, tloubus pentameris villosis, ovario pube rulo. () — Ramuh, petioh, foliola et spicae pube* ferrugineo flavicante vestiti, toUol* 6—10 hn. longa, 2 — 4 hn. lata, spicae polhcares v. piullo longiores longiuscul[^] pedunculatae, (lores hneam longi, stamina 10 nee 20 — *Inga Gnatemalemn** Hook^{ct} Am — (Repert. I. 931. no 37) — Crescit in Guatemala ad Realejo, lepico.
18. M. LEUCAENOIDES Bnth. in Hook. Lond. journ. of bot. V. p. 89. -- Inernns *a muhs petiolisque minute feirugineo pubeius, stipulis mmutis, pinnis unijugis, [^] 10 jis 2—4jugis obovatis suhrhombesive obtusissimis rJabris vel minute puberulis naceis venosis mtidis, capitulis axillaubus peduncul itis globosis, flonbus tcti*¹⁰⁶ ris, legumine hneam minute pubeiuo vel glabrato mtidulo. fj — Foliola magnitud⁰ varia, pollicem longi et lata, pleraque mmora, capitula us *IK. Ceratoniae* ~~majora~~, legumen 2 — 2[^]-polhc irc[^]m Crescit ad Zi nit pan in Mexico.
19. M. DETINEJVS Bnth. 1⁴ C. — Fruticosi lamosissimi glabra vel canesrens, ~~glaucescens~~ aculeis uncmatis spais, pinnis unijugis, foholis 4—Gjugis oblique oblo^{an} gis obtusis parvifc glaucis, cipituhs globosis axillanbus pedunculatis, bracteolis p^{ar} vis, flofTbus tetiamens, legumine glabio stipitato nudg. \) — Folia fere *M. depo* ~~pratae~~, foholi vix bihiieana, legumma glaucescentia 1 — 2 polheana, 4 — 5 hn 1¹⁰ — Crescit ad Cordon am et St Jago.
20. M. ILWISETA Bnth. I. c. p. 90. — Decumbens? aculeis tenuissimis rans, ^{caU} jo p» tionsque setis longis patentibus hispidis, stipulis lanceolato setaceis, pinnis 3-¹¹ jugis, foholis 10 — 30jugis oblongis longe setoso ciliatis glabnuscuh, capituh^{ov} tis breviter pedunculatis setoso hispidistmis, bracteolis corollas supermtibus, can^{ca} minuto. I)? — Afums *M. camporum*, sed setis longis flavidis crebris insignis, 4 rum nonnullae hinc mde vahdiores fere aculeiformes, foliola etiam breviora, P^{or} P^{or} tione latiora, c ipitula majora, longius pedunculata et multo luspidiiora. — CrebCⁱⁿ Surinam.
21. M. (*Amena*) ADENOTRICHA Bnth. 1. cit. p. 91. — Suffruticosa ramis tere^{Ug} petiolisque pihs glanduhfens et pube breviora husutis, aculeis sparsis pan is^{an} sum uncinatis, pinnis b — 8 jugis, fohohs 10—15 jugis parvis oblongis, subtus[^] guieque hispidis, racemo terminal!, capitulis globosis, bract(ohs eorollam[^] tibus, cal>ee parvo cihato, legumme oblongo undique adpresse et ngide^{his} ^{abu} | — Valde affinis *M. antror**>ae, sed nidumeiito, numeio pinnaum foholorumque differt — Ciescit in Biasiha, Serra da Lapa.
22. M. RILDELI Bnth. 1 cit — Setis rans pubeque brevi rigida aspernma. Pⁱⁿis^{is} 20jugis, foholis oblique ovatis oblongisve ciliatis glabriuseuhs coniceis, racem^{is} gato poljcephalo ramoso, capitulis hispidis pedunculatis, bracteohs coiolla[^] quantibus, c<il>ce minuto longe cihato \) — liutex 2 — 3 pedahs, stipuⁱⁿUⁱⁿ can[^] setae in mfflorescentia longiusculae llavidae, in petiolis bieviores ngidioies, [^] ad scabnticm redactae, folia 8 — 9 polhcaua, foliola 2 hn. longa — Afm⁸ sac. — Crescit in Brasilia, Sena da Chapada.
23. M. GALEOITII Bnth. 1. cit. p. 92. — fruticosa. ramuhs petiolisque ~~altosus~~,

- dissimis ; aculeis caulinis infrastipularibus geminis recurvis petiolaribus nullis vel raris sparsis; pinnis 15 — 25-jugis, foliolis 15 — 20-jugis minimis glabris ciliatis; pedunculis axillaribus folio brevioribus; capitulis ellipticis; bracteolis minutis; floribus 4—5-meris; calycibus corolla dimidio brevioribus; legumine late lineari glanduloso puberulo, suturis aculeato-sctosis, valvulis subnudis integris. t) — *Acacia hirta* Mart. & Galeotti. — (Report. V. 5!)J. no. 36.) - Crescit in Mexico.
24. M. ACANTHOLOBA Bnth. Bot. of the voy. of the Sulphur pag. 90. — Fruticosa: ramulis puberulis; aculeis sparsis recurvis; stipulis setaceis; pinnis 4—10-jugis, foliolis 15 — 30-jugis oblongo-linearibus, subtus pubescentibus; pedunculis axillaribus folio brevioribus, superioribus racemosis; capitulis globosis; bracteis minutis-, (loribus 4 — 5 meris; calycibus corolla quadruplo brevioribus; ovario villosa; legumine membranaceo oblongo vel late lineari falcato puberulo, margine leviter aculeato. \) — *Acacia acantholoba* II. B. in Villil. Spec. pi. IV. p. 1059. — Crescit ad Guayaquil.
25. M. TENUIFLORA Bnth. in Hook. Loud. Journ. of bot. V. 92. — Glabra: aculeis caulinis infrastipularibus geminis recurvis parvis, petiolaribus sparsis minutis vel nullis; stipulis setaceis; pinnis 1—3-jugis, foliolis 6 — 8-jugis oblique oblongis; pedunculis folio sublongioribus, superioribus racemosis; capitulis globosis; bracteis minutis; floribus 4 — 5-meris; corolla calyce 4-plo longiore. — Habitu *31. depauperatae* subsimile. \) — Habitu accedit ad *At. depauperatam*. — Crescit ad Zimapan in Mexico.
26. M. LAXIFLORA Bnth. 1. cit. p. 93. — Glabra pallescens: aculeis sparsis recurvis raris; stipulis minutis setaceis; pinnis remotis 3 — 5-jugis oblique oblongis; spicis cylindricis; floribus breviter pedicellatis glabris 4-meris; calyce corolla tri — quadruplo brevior. t) — A f. in is videtur hinc *M. remtae* inter *Rubricaulis*, hinc *M. polyanthae* inter *Acanthocarpas*, sed fructu ignoto locatè incertus. — Crescit in Mexico, Sonora alta.

f Synonyma addenda.

27. « *M. FLORIBUNDA Willd. — (Report. *I. 8f5. no. 2.) — Bnth. in Hook. Lond. Journ. of bot. V. 84. — *M. monilifera* Bertol. — (Report. I. 883. no. 2QS.)^v
- ^ *M. HIRSUTA Spr. Syst. veget. II. 204. — Bnth. 1. c. pag. 80. — *M. hspena* Bnth. — (Report. I. 868. no. 39.)
29. *M. KERMESINA Otto & Dietr. — (Report. I. 883. no. 206.) — *M. lucidula* Bnth. — (Report. I. 880. no. 170.) — Bnth. in Hook. Lond. Journ. of bot. V. 92.
30. *M. PAUCISETA Bnth. 1. c. 85. — *M. paniculata* Bnth. — (Error'^typographi!) — (Report. I. 865. no. 10. nee I. 876. no. 124.)
31. • *M. POLYDACTYLA Humb. Bonpl. — (Report. I. 867. no. 32.) — Bnth. 1. c. pag. 86. — jlf. *Glockeri* Meisn. mss.
- 2 *M. PUDICA Linn. — (Report. *I. 867. no. 30.) — Bnth. 1. c. pag. 86. — *M. tristipula* Steudel. - (Report. V. 584. no. 3.)
33. « *M. RIXOSA Mart. — (Report. I. 865. no. 9.) — Bnth. 1. c. — *M. violacea* Bonpl. — (Report. II. 905. no. 1.)

XVII. (6829.) SCHRANKIA Willd.

(Bnth. in Wlprs. Report. I. 883. °V. 585. — DC. Prodr. II. 443.)

- *1 &CHR. (*Rhodostachya*) GLABRA Bnth. in Hook. Lond. Journ. of bot. V. p. 94. — ftamulis angulatis folisque glabris; pinnis 8 — 10-jugis, foliolis multijugis linearibus slabris, margine subciliatis; spicarum rhachidibus puberulis. t) — Aculei numerosi ^Uicinati, petioli 2 — 3 pollicares, pinnae 1% — 2-pollicares, foliola 2 — 3 lin. longa, ^spieae laxae 1 — 1% -pollicares. — Crescit in Nova Granata.

XVIII. UEUCAEXA Bnlh.

(Bnth. in Wlprs. Report. I. 884. °V. 586.)

- Y^FORSTERI Bnth. in Hook. Lond. Journ. of bot. V. 94. — Pinnis 12 — 51-jugis, ^oUoli multijugis oblongo-linearibus approximate obllquis; calyce petalis paulo bre-

- vlore, antheris glabris. \) — *Mimosa glandulosa* Forst. Prodr — *Acacia imulan* Guillem. — (Repeit. I. 923. no 384) — Crescit in Taiti
2. *L DIVERSIFOLIA Bnth. — (Repert I. 884 no 3) — Bntli. in Hook Lond jouW- of bot. V p. 04 — *Acacia esculenta* Mart. & Galeotti, Bullet de Bruxelles X. 2 V 314. (nee DC.)

XX. (6834.) ACACIA Willd

(Bnth. in Wlprs. Repeit I. 884 II. 903. °V. 587. — DC. Prodr. II 448)

§. 1. PHYLLODINEAE.

a. *Flonbus spicatis.*

1. A MOESTA Lindl Bot Regist 1846. t. 67 — Pubescens nigro vindis nmulis »' gulato stnati, phyllodns adpressis sparsis binervus oblongis cum mucrone, sp¹ cylmdncis densis, phyllodla superantbus. \) — Crescit in JSova Hollindia.

b. *Flonbus capitatis*

2. A. CLAVATA Schlichtd Linnaea \ 662 f — Raim teretes cum nervis margin>b^{us} que phyllodlorum viscidulo pubcruli, phyllodia elliptica vel obovato elliptica, b¹ cuneata, apice emar^mata, mucrone cia&biu&culo obboleto, inaequallatcia bmervia, ' tus supcium latius, iervo usque ad apicem percuriente, capitula bre\rrier ptduntulff' axillana 30 — 40 Aura, bracteis bracteolisque ciliatis \) — Crescit in Nova Holl^{all} dia ad fl. Muniy
3. A. CYCLOPHYLLA Schlichtd 1 c. 663 f — Molliter pubescens ramulis teretibu^s phyllodia suborbiculana inaequilatera, obscure binervia, apice leviter excisa, acum^{llt} latens inferions angustioiis acuto brevi suisum super inci&uram verso, capitula 2^{''} axillana pedunculata, phylloilia super intia, 12 — 16 floia, biacteis et braeteolife^{cl^o} latis. \) — Cum A sertiformi A Cunn aliquo modo compnanda pst, si il plrvl^{00in&} multo nunoiibus, dlto modo teiminatis reliquisque abunde differt. — Crescit i> \$ot^t Holl null t lustiali.
4. A KETLNODLS Schlichtd. 1. c 664 f — Glabernma, ramuli tngom phyllodia luer^a riiy basi longe sensimque attenuata, apioe subulato acuto uncinatim mcuivo, unner^{er} •ia, falcaticurva, glanduli a basi distante, racemi ixillares tertiam phyHodil Par^{ar} tern aequantes ramificattone gracili, capitula circiter 20 flora parva, calycis lobi ac^{ulu} t) — Crescit in Nova Hollandia aufttialion
- B. A. SQUAMATA Morr. Ann. de la soc d'hortic de Gand. III 209. t. 134 — BalDIS strictis stiutis, stipulis inermibus squamacformibus magms naviculatis, margi^{tc} - riobo brunneo, phyllodus angustissime hneanbus, basi attenuate, internodio s^{u^} gionbus in imo ramorum, apice oblique truncato, latere incrassato, uninervns i^{te^} nmis, capitulis congesto globulosis multiflons, racemis phyllodus multo brevion^{bus} calyce quinquefido urceolato. \) — Crescit in Nova Hollandia.

c. *Flonbus ignotis*

6. A. PAWLIKOWSMANA Ohlend Ver/eichn. verkauf. Pflnzn. 1846. adn. — Glaber^{er} rima ramulis teretibus robustis, junionbus angulatis, tnquetris, stipulis biⁱ s^{re} vis, caducis, phyllodus alterms conaceis ovato acutis, 2 poll, latis, 3—5 p^o gis t) — Habitatio in rupegtribus promontoru Cape Riche et montis Baldb[^] Nova Hollandia.
7. A. BLOMEI Ohlend. 1. c. — Glabernma, glauca ramulis gracihbu>, stricte^{er} bus, phyllodus obovatis, oblongis lunatis, basi longe attenuata, 1 nervus, * r^{er} tis, 4 poll, longis, stipula nulla. \) — Crescit in Nova Hollandia.

S. 2. PINNTIFOLIAE.

8. A. MELANOCHAETES Zollinger, Flora (B Z) 1847 p 705. — Arborea sp¹ minis stipulanbus semiteretibus nigro fuscis, pinnis 3 — 7 jugis, glandulisⁱⁿ inQmum et inter paria 2 suprema, pinnuhs 10 — 17 jugis petioloque glabns,^{cap^{tu}lis}

- racemosis in paululam terminalem dispositis, pedunculis velutimis \) — Crescit in iiccis sylvarum plantae septentrionalis Javae totius
- *> A SIMILIS Zollinger, Flora (S Z) 1847 p 70j — Quoad foliaturam *A. rufae* Hsskl si milhna, sed arborea, sub pttioh basi haud aut obsolete aculeata petiolo ad partem inferiorem nudam distincte sessili glanduloso, fohohs oblongo hncanbus inaequilate rahbus, nervo medio rectiusculo, ramulis novellis ferrugineo subsenscets, stipulis lineanbus t) — Crescit in insula Java
- 10 A MARTINCENSIS Prsl Botan Bimerk p 6J. — Arborea? aculeis ramcis petiolaribus panu ulanbusque sparsis recurvis ramulis stnatis, petiolis pubescentibus basi Rlandula magna peltata et niter 6—8 pinnarum pana munitis, folus bipinnatis, pinms 15 — 20 jugis, foholis 50—60 jugis hnean oblongis obtusis ciliolatis, capitulis pedunculatis quintis in paniculam terminalem dispositis, pedunculis velutimis 1)* — Crescit in Mirtinica insula
- 11 A PTFRYGOCARPA Hochst mss ex Bnth in Hook Lond Journ of bot V 9G — Ramulis petiohsque albido flavicantibus pilosulis, spims subulato comets rectis vel leviter recurvis, glanduhs parvis paucis, pinms 3—4 jugis, foholis 8—12 jugis oblongo lineanbus obtusis palhdis glabris, pedunculis tomentosis versus medium bracteatis, legumine rectiusculo late lineari pubescente, valvulis tenuiter coniceis medio convexis oblique lincatis, mar,ine tenuibus \) — Primo intuitu *A. nubicam* refert, sed foliola et pinnae pauciores et pubes rarior — Crescit in Abyssinia
- 12 A XIPHOCARPA Hochst mss ex Bnth 1 c — Ramulis sulcatis petiohsque dilatatis rubentibus glabris vel minute puberulis, spims parvis conicis subrecurvis nunc obsoletis, pinms 15—30 jugis glanduhs parvis, foholis 20 — 40 jugis lineanbus glabrusculis, pedunculis puberulis infra medium bracteatis, flonbtis glabris, leguminae lato, hnean subfaltato piano convexo oblique lineato scibnusculo \) — Habitus et in Qorescentia *A. horndae* et *A. robustae*, pnni6 fohohsque numerosis facile distincta — *A. amythephyua* Hochstett mss — Crescit in Abyssinia
- 13 A ABYSSINICA Hochst mss ex Bnth 1 cit pag 07 — Ramulis petiohsque mollioribus villosis, spims brevibus conicis tomentosis, pinnis 6—15 jugis, glanduhs scutellaeformibus, foholis 20—30 jugis lineanbus ciliatis puberulis, pedunculis pubescentibus supra basin bracteatis capitulo paulo longioribus. \) — Habitu *A. tomentosa* similis, sed foliola numerosiora et pedunculi breviores, et hue pertinet videtur specimina fructifera *Inge Nefasiae* Hochst, quibus legumen fere *A. xiphocarphae*, sed rectius et crassius — Crescit in Abyssinia
- 14 A JEROX Bnth 1 cit. — Ramulis junionibus petiohsque villosis, aculeis geminis ternisve infrastipulanbus recurvis, infrafohaceo minore vel nullo, petiolo aculeato, glanduhs minutis, pinms 4—6 jugis, foholis 3—6 jugis oblique obovato oblongis obtusissimis, capitulis subglobosis brevissime pedunculatis, legumine oblongo vel late hnean membranaceo obospermo \) — Crescit in Promontono bonae spei ad Macahsberg
- 15 A BURKEI Bnth 1 cit p 98 — Ramulis junonibus petiohsque villosis, aculeis infrastipulanbus geminis recurvis, petiolo inerml, pinms 3—6 jugis, foholis 5—8 jugis oblique oblongis obtusiusculis, spicis fasciculatis laxis folio sublongioribus, calycibus subsessilibus puberulis dentato-lobatis corollae dimidium aequantibus, legumine membranaceo? fy — Crescit in Promontono bonae spei ad Macahsberg
- 16 A VENOSA Hochstett mss ex Bnth 1 c — Glabra palhda vel glauca aculeis infrastipularibus geminis minutis raris vel nullis, petiolo inerml, pinms 4—8 jugis, fohohs 6—8 jugis oblique oblongis obtusiusculis, spicis axillaribus (laxis?), legumine longe et late lineari membranaceo glabro t) — Similis *A. laetae*, sed pinnae et foliola numerosiora, haec 3—4 lin longa et legumen (fere *Albizuae*) semipedale, polhem latum — Crescit in Abyssinia.
- 17 A ERIADENU Bnth 1 cit p 98 — Aculeis sparsis rectis recurvisque raris, laniis petiohsque tomentoso villosis, stipulis membranaceis semicordatis acuminatis villosis, pinms 6—10 jugis, glanduhs petiolanbus 1—2 jugibusque paucis elevatis conicis villosis, foholis circa 20 jugis oblique lineanbus, utrinque adpresse

pilosulis-, spiels elongatis laxiusculis supremis ramosis; floribus subsessilibus glaucis calyce corolla dimidio brevior.) — Crescit in Promontorio bonae spei ad Macalisberg prope Crocodile river.

f Synonyma addenda*

1. *A. ALBIDA Delile. — (Repert. I. 913. no. 273.) — Bnth. 1. c. V. 97. — *A. gyrocarpa* Illich & Tett. mss. in Coll. pi. Abyss. II. no. 1333.
2. *A. CATECHU Willd. — (Repert. I. 914. no. 280.) — Bnth. 1. c. V. 08. — *A. erythrantha* Steudel mss. — *A. hecatophylla* Steudel mss. — *A. cumpylucantha* Hochst. mss.
3. *A. CAVENIA Hook, et Am. — (Repert. I. 909. no. 237.) — Bnth. 1. c. V. 95. — *A. adenopa* Hook, et Am. Bot. Misc. III. pag. 206 ?
4. *A. GLABRATA Schlcht. — (Repert. I. 920. no. 33G.) — Bnth. I. c. V. 99. — *A. insiffnis* Mart, et Galeotti. — (Repert. V. 592. no. 29.)
5. *A. HIRSUTA Schlcht. — (Repert. I. 920. no. 333.) — Bnth. I. c. V. no. 99. — *A. elegans* Mart, et Galeotti. — (Repert. V. 592. no. 27.)
6. *A. NORRIDA Willd. — (Repert. I. 912. no. 264.) — Bnth. 1. c. V. 97. — *A. O* pensis* Burch. Trav. 1. 189. — Colla, Mem. Torin. XXXV. p. 175. — (Repert. I. 923. no. 392.)
7. *A. PENNATA Willd. — (Repert. I. 917. no. 306.) — Bnth. 1. c. V. 99. — *A. amblyocarpa* Wall. Catal. no. 5260.
8. *A. ROBUSTA Burchell. — (Repert. I. 911. no. 258.) — Bnth. I. c. V. 96. — & *JSatalitia* E. Mey. — (Repert. I. 912. no. 2fi3.)
9. *A. SEYAL Delile. — (Repert. I. 912. no. 261.) — Bnth. I. c. V. 97. — *A. Rad-diana* Savi. — (Repert. I. 924. no. 393.) — *A. spirocarpa* Hochst. mss. (Var. *villiosior*, leguminibus demum crassioribus).

H Icons addendae.

- A. CELASTRIFOLIA Bnth. — (Repert. I. 895. no. 92.) — Hook. Bot. Magaz. tab. 4306. (nee 2306.)
- A. LATRQ^M Willd. — (Repert. I. 913. no. 275.) — Wght. Icon, plantar, tab. 1157.

XXII. ALBIZZIA JDurazzini.

(Bnth. in Wlprs. Repert. °V. 595.)

1. A- RUFA Bnth. in Hook. Lond. journ. of bot. V. 101. — Ramulis petiolisque junioribus paniculaque rufo-tomentosis; foliis aculeo recurvo crassiusculo suffultis; pin^m 4—6-jugis, foliolis 8—12-jugis oblongis vel obovato-oblongis obtusis mucronulatis; inaequilateris; panicula floribunda; capitulis parvis multifloris; floribus sessilibus villosis; calyce corolla pluries brevior; ovario villosis; leguminibus planis? m^{elb} branaceis. t) — Foliola 6—8 lin. longa, juniora molliter sericeo-pilosa, panicula r^o rido-tomentosa v. villosa, aculeus infrafoliaceus singulus vix pungens. — *co. ta mfn* HsskrI. — (Repert. V. 593. no. 38.) — In Java insula.

XXIV. CAIXIANDRA Bnth.

(Bnth. in Wlprs. Repert. I. 923. °V. 598.)

1. C. PALLENS Bnth. in Hook. Lond. journ. of bot. V. 102. — Ramulis ^{folliis} pube molli pallidis; stipulis parvis ligidis subspressis, pinnis 4—6-jugis; ^{Stipulis} ^{pubi-} ^{latis} petiolaribus 1—2 scutellaeformibus parvis vel nullis; foliolis 12—20-jugis ^{o-} ^{bl-} ^{o-} que oblongo-linearibus, utrinque pubescentibus; pedunculis pubescentibus ^{Petiolo-} ^{com-} ^{rauni} raulto brevioribus, superioribus paniculatis; floribus glabriusculis ⁵⁻ ^{den-} ^{tato,} corolla quadruplo brevior; legumine glabriusculo, valvulis coriaceis ^{ma-} ^{gini-} ^{his} incrassatis. \) — Species quodammodo *C. angelica* affinis, sed charac- ^{bus} ^{datis} ^{ab} ^{omnibus} ^{abunde} ^{distincta.} — Crescit ad Zimapan in Mexico.
2. C. HOOKERIANA Schombgk. Linnaea XX. 754. f — Ramulis hirsutis; ^{ovarii} ^{rigidis} ^{striatis;} ^{pinnis} ^{subbijugis,} ^{foliolis} ^{multijugis} ^{linearibus} ^{obtusis}

- iiatis glabris rigidis, pcriunculls petiolo multo longioilbus ligidis, cahcibus sub lampanulatis coiolla viv pilosula suhtnplo brevionbus, le^umme ronaceo sublignoso puberulo t) — Crescit in Guiana Bntannica in valle Carimam.
- 3 C (CACIV Bertero m DC Prodr. II 455) MAGDALENÆ Buth in Hook. Lond. Jo urn of bot. V. 102. — Petiolis pubescentibus, stipulis late linceolatis, pinnis umju Sis, foliolis multijugis oblongo linearibus falcatis obtu&ts glabris, pedunculis petiolo brevi paulo longionbus, flonbus sessilibus glabns, calyre irregulariter dentato co rolla 3—4 plo brevior, leguiiine crassiusculo ^labio, vulvuhs crassis extus sulca Us, ^ — Valde affinis *C. brevipedi* (potius quam *C. squat rotat*), sed major. — Crescit iu Brasilia ad Stam Martham.
- 4 C. RIGID A. Bntfa. 1. c. MM — Kamulis rufo villosis, stipulis ovatis acutis stnatis, petiolo pdosulo, piunis &ub2jugis, folioLs multiju^is oblique linearibus obtusis ngi- <math>\leftarrow\right> gl\leftarrowibris, kubtus glauce&ctntibus, peduricilli6 axillanbus petiolo conimum longiou bus, legutuine minute puberulo, valvuhs conact t* lignosis incrassato m u^mitis. b — FolioU 4—ii lin. loii^a rugiiUntci di&ticha approximata, hgumui 4 pollicaei, ba&i longe angustatuia. — Crsttit iu nrU&h Guiana.
(. LINEAIUS ,Bntb. 1. at. — Humihs cae&pitoea -glabr* pinnis byugis, stipuhs setaieis taducii, foliolis 8—lijugis angu&te Itneanbus coniceis nitidulis, pedun culis folio brevionbus, flonbus ses&ilibus glabns, calyce corolla quadruplo bre viore. t) — Species in&i^ms foliolis 4—û lin. lon^is et vix semilineam latis. — Crescit in Serra da Lapa Biasiliae.
- * C. UUMILIS BntU. 1. cit. — Undique pdosa vel rarius glabiiuscula* stipulis lanceo latis acutiusculis, pinnis difctintibus 4—6 jugis, foliolis 8—10jugis brevitei ©blongo linearibus, oblu&is, pedunculis petiolo commurn multo brevionbus, calycibus pilosib dimidio cornllae paulo bievicibus, legumine lnrsto, valvnlis cias&iusCulis. 2j.⁹ — Suffrutex diffuse ramosus, vix unquam semiptdilis, niui pilis laxiusculis copiosis caiuscens, nunc fere glaber, pinnae vix semipolli(^i< s, foliola lineaoi louga. — Cre 6tit in Zacatecas.
7. C. BUACTEOSA Unth. 1. cit. p. 104 — Ramulis v\leftarrowliolisque glabrib vel rarittr pilo bulis, stipulis laiceolatis foliaceis ngidis, piniib bubbjugis, foliohb multiju^is, sub talcato liaeanbus obtubiusculis, supra mtidis glabris, pedunculis petiolo brevi duplo lon\leftarrowionbas, biactcib exteiionbus amphs fwliaceis lanceolate, calyc f^B fidis gla- biis, coiolla glabia paulo brevionbus. ty — *C. fasciculatae* subbim\leftarrow, \leftarrow tonniunes multo bieviores, pedunculi sublongiorcs, btipulae multo majores et capti- tula biacteis 4—(> lin. lon^is latis stnatis ciliatis mvoluciata. Calyces etiam mullo niagis quam in afiimbus evoluti. — Ciescit in piovincia Minos Geiacs Brasihae.
- ** ^ . PUUDLALI Bntlu I. cit. p. 104. — Uamulis pctiolisqne fenugmeo puberulis, sti- pulis laiceolatis ngidib, pinnis 8—lijugis, foliolis multijugis oblongo linearibus obtusiusculis parvis, pedunculis fasciculxtis ngidis petiolo conimum bievionbus, Uonbus scssihbus glabns, calycibus tubulosis glabris dinudium corollie glabnus culac acqu uitibus \) — Affins *C. bellae*, stipulae majores, pinnae paucioies, fohola nunora stepius ciliolata. — Crescit in Columbia, in moutibus Ocamie.

i Icon addenda.

C UARR18U Bnth. — (Repeit. V. 599. no. 5.) — Hook But. Magaz. tab. 4238.

XXV. (6837. c) PITIIECOLOBUJM *Marlius*.

(Buth. in Wlprs. Repert. I. 931. et °V. 608.)

- * P. QUAREMO TFMO Mait. — (Repert. IV. 932. no. 2. I. 012. no. 20.) — Klt/scli n Hdyne, Ar^neigew. XIV. Hft. 2. tab 13.
- * P DULCE Bnth — (Repert V 610 no. 5) — Bnth. in Hook. Lond. journ \leftarrow bot. V. 105. — *Acacia obliquifolta* Mart, et Galeotti. — (Repert. V. 593 no 35)
- * P. LAETUM Bnth. — (Repert. V. 612. no. 19.) — Bnth. in Hook. Lond. jouin. of bot. V. 105. ____P. *polycarpum* Poepp. et Eudl. — (Repert. V. 609. no. 4)

4. *P. TRAPEZIFOLIUM Bnth. — (Repert. V. 612. no. 22.) — Bnth. In Hook. Loud, journ. of bot. V. 107. — *Mimosa atakta* Steudel. — (Repert. V. 585. no. 4.)
5. *P. COGNATUM Bnth. in Hook. Lond. journ. of bot. V. 107. — *Inga cognal** Schlehtd. — (Repert. I. 929. no. 15.)
6. *P. LASIOPUS Bnth. — (Repert. I. 932. no. 5. V. 617. no. 49.) — Bnth. in Hook-Lond. journ. of bot. V. 107. — *Inga ramiflora* Steudel, Flora (B. Z.) 1843. pag. 759.
7. *P. CORYMBOSUM Bnth. — (Repert. V. 620. no. 69.) — Bnth. in Hook. Lond. journ. or bot. V. 108. — *Inga trapeziformis* Steudel, Flora (B. Z.) 1843. pag. 759.
8. P. SERICIFLORUM Bnth. in Hook. Lond. journ. of bot. V. 105. — Glabrum: stīpi*^lis spinescentibus recujrvis; pinnis bijugis, foliolis bijugis oblique obovatis ellipti*ⁱcisve rigtdis membranaceis vel subcoriaceis; capitulis paucifloris ovato-globosis i calyce glaberrimo corollae dense sericeae dimidium superante j tubo stamineo long^c exserto. \) — Folia fere *P. candidi*, sed flores diversissimi, calyces 4% lin. longi corollae 7 lin. longae densissime sericeo-pllosae, stamina bipollicaria. ___ Crescit U> Venezuela.
9. P. FILAMENTOSUM Bnth. I. cit. p. 106. — Glabrum: pinnis unijugis, foliolis unijugis? oblique obovatis oblongisve coriaceis obtusis; pedunculis e'ongatis tenuibusi capitulis ovatis; floribus glabris breviter pedicellatis; calyce turbinato corolla pl^{if}s duplo brevior; tubo stamineo incluso. ^— Corollae 2—2% lin. longae. — ~~Crescit~~^{in Brasilia ad Rio Doce.}
10. P. TURBINATUM Bnth. 1. cit. — Glabrum: pinnis unijugte, foliolis 1—2-jug^{is} oblique obovatis vel ovali-oblongis obtusis coriaceis nitidis; pedunculis elongate j floribus brevis&ime pedicellatis; calycibus turbinatis dimidium corollae aequantibus. V — Valde affine *P. filamentoso*, sed foliola majora, saepius in pinnis bijuga, et flore* duplo saltern majores, brevius pedicellati. Calyx saltern 2 lin., corolla 4 lin. long** Crescit ad Bahiam.
11. P. FURCATUM Bnth. I. cit. — Glabrum vel minute canescenti-puberulum: pⁱⁿntf unijugis, petiolo communi partialibusque alatis, foliolis unijugis oblique obovato^l oblongis obtuse acuminatis; spicis ovatis j calyce minute puberulo turbinato tubulo⁸⁰ quam corolla sericeo-pubescenti duplo brevior; tubo stamineo longe exserto. l) — Species uetiolis more *Ingarum* alatis insignis. — Crescit ad (lumen Teapa in M^x fe^o austr^aH⁷)
15. P. LINGIFLORUM Bnth. I.e. 107. — Ramulis petiolisque ferrugineo-tomentell^{is} pinnis &sub5 jugis, foliolis 12—20-jugis oblique rhombeis ad angulum interiorem s>P[#] obtuse auriculatis, utrinque glabris, ultimis falcato-oblongis; pedunculis axillaribu⁸¹ floribus maximis minute ferrugineo-tomentellis; corolla calyce subquadruplo 1^o giore j ovario ses&ili glabro. l) — Affinis *P. auriculato* et *P. adiantifolia*, folia⁸² prioris, flores potius *P. adiantifolia*. — Crescit in Brasilia ad Santarem.

XXVIII. IXGA Martius.

(Bnth. in Wlprs. Repert. °V. 622.)

1. I. LATERIFLORA Miquel, Linnaea XIX. 131. f — Ramulis novellis pedunculi⁸³ puberulis; petiolo semitereti canaliculato-marginulato, infra juga dilatato } ⁸⁴lis scutellato-peziaeformibus, foliolis 2—3-jugis lanceolato- vel ovato-oblongis⁸⁵ nuato-obtusis, basi acutiusculis rigide coriaceis nitidis; umbellis longiuscule p⁸⁶culatis, supra ramulos fasciculatis, plerumque ternis; calycibus apice bar⁸⁷ puberulis, pedicellum fere aequantibus, corolla quadruplo brevioribus; tubo neo longe exserto. l) — Affinis *I. umbelliferae* Steud. — Crescit in Surinam.
2. I. LEUCANTHA Pr&L. Botan. Bemerk. pag. 63. — Ramis punctatis albidis; ⁸⁸petiolaribus rectis; foliis conjugato-pinnatis bigeminis, foliolis oblique oblong⁸⁹ oblique lauceolatis obtusis glabris membranaceis; glandula in dichotomy⁹⁰ et inter foliola; capitulis globosis subgeminis in racemum terminalem⁹¹ pedunculis albidopubescentibus i floribus sericeis. \)— *Mimosa unguis cati&ie*⁹² fl. Mattinic. — Crescit in Martinica.
3. I. ASSIMILIS Miquel, Linnaea XIX. 130. f — Ramulis novellis spicisque puoe⁹³

foliis glabris; petiolo Infra juga anguste alato; glandulis Inter omnia parla globoso-urceolatis, foliolis 3—4-jugis lanceolato-oblongis attenuato-obtusis, basi acutiusculis, subcoriaceis nitidis; spicis aggregatis oblongo-cylindricis densis; calycibus toraentellis; corolla subglabra 3-plo brevioribus; tubo stamineo exserto. \) — Affinis *I. peizi ferac* Bnth. — Crescit in Surinam.

- ⁴* *I. VERRUCOSA* Prsl. Botan. Bemerk. p. 66. — Ramis petiolisque crebre verrucosis j foliis bijugis, foliolis ellipticis acuminatis coriaceis, basi in petiolum angustatis; glaridula urceolata inter quodvis par foliorum; stipulis lanccolatis obtusis erectis, basi angustatis; pedunculis solitariis binisque axillaribus folio brevioribus; floribus dense spicatis; bracteis llinearibus acutis; corolla calycem duplo superante; tubo Stamineo longe exserto. *ty* — Affuiis *I. tetraphyllae* Mart. — Crescit in Brasilia ad Bahiam.
5. *I. TENGERENSIS* Zollinger, Flora (B. Z.) 1847. p. 705. — Arborea: ramulis velutinis angulatis, pinMIs conjugates, foliolis 5—7 alternis rhombeo- sive superioribus majoribus rhomboideo-ovatis, glandulis inter pinnas et foliolum ultimum; umbellis longiter pedunculatis axillaribus solitariis seu geminis; pedicellis filiformibus, corollae longitudine;* foliola glabra, infra pallidiora, supra sordide velutina. "§ — Crescit in monto&is Tenger cc. 5 —6000' s. m. in insula Java.
6. *I. SUBFALCATA* Zollinger, Flora (B. Z.) 1847. p. 706. — Ramulis pedunculisque angulatis t^nuissime velutinis; pinnis ultra v. infra 14-jugis, glandulis sessilibus inter omnia paria et prope petioli angulati basin, foliolis usque ad 22-jugis, supra nitidis, subtus villosulis subfalcato-linearibus acutis; floribus subumbellatis in paniculam dispositis. \) — Haec cum *i. Tengerensi* fortasse rectius ad *Pithecolobii* sectionem alteram referenda videtur. — Crescit io Java insula.

Genus quoad affinitatem dubium, verisimillter ~~ad *I. monensis* accedens:~~

ITICROLOM *Presl* *

(Prsl. Botan. Bemerkungen p. 66.)

Calyx fructifer breviter urceolatus quinquedentatus. Legumen sessile obovatum, stylo persistente obtuso hirsuto aristatum lignosum inde-⁴viscena monospermum, pericarpio carnosio. Semen ... V — Frutex aut &rbor Mexicanus inermis: ramis sparsis divergentibus teretibus, leviter ⁵striatis, albidis. Folia sparsa petiolata, abrupte pinnata bi—trijuga, foliolis petiolo partiali bi—quadrilineali tereti pubescente suffultis gekiinis, pinnulis petiolulo semilineali tereti pubescente instructis decem—duodecim-linealibus obovatis coriaceis pinnatinerviis reticulato-venosis tenuis&ime cartilagineo-marginatis molliter ciliatis, supra glaberrimis, subtus pubescentibus, basi inaequalibus, latere nempe superjore obtusis, inferiore acutis et paululum brevioribus. Petiolus communis sesquipedalis, pilis brevibus adpressis adpersus, supra canaliculatus, subtus teres, supra inter juga duo superiora foliolorum glandula subglobosa sessili instructus (si tantum duo juga foliorum obveniunt, glandula inter utrumque jugum obvenit), apice subtus ad ortum jugi supremi squamula ovata acuta persistente instructus, partialis inarticulatus deciduus, apice subtus ad ortum pinnularum quoque squamula nunc de^cripta instructus. Qtipulae subulatae persistentes erectae rigidae semilineales. Spicae fructiferae axillares pollicares pedunculo tri—quinquelineali tereti lignoso rimuloso glabro instructi, rhachi tereti rimuloso-striata. Bractee ignotae. ^a}yx fructifer (an totus?) vix semilinealis urceolatus in denticulos ^uinque acatos aequales divisus. Vestigia corollae tubulosae usque ad medium in lacinias oblongo-lanceolatas quinquefidae. Vestigia quoque

staminum, filamentis filiformibus liberis. Legumina sparsa crebra sessilia duas lineas vix vel parum superantia obovata, basi acuta, apice rotundata et stylo persistente lineam longo crassiusculo tereti obtuso hirsuto lignoso concentrice aristata, indeliiscentia monosperma cinereo-fuscescentia, pericarpio carnosio inaequaliter et irregulariter rugoso, mesocarpio virescente, endocarpio flavescente lignoso* Semen ignotum, nam orania legumina perscrutata vacua.

1. *M. MIMOSOIDES Prsl. 1. c. p. 57. — ^ v. T) — Crescit in Mexico.

Ordo LXXIII. CHRYSOBALANEAE 11 Br.

(Wlprs. Reper. bot. syst. II. 3. et 907. V. 04G. — *livsacearum* trib. I. DC. Prodr. II. »A»¹

6408. HIKTfILLA Linn.

(DC. Prodr. II. 528. — WJprs. Reper. II. 3. V. 646.)

1. H. PUINCTULATA Miquel, Linnaea XIX. 439. f — Ramulis et petiolis dⁿse, foJiisqⁱ utrliique piaesertim in nervo medio liirtellis, his breviter petiolatis, ellipticis acutiufc culis vel obtusis, subinde breve cuspidatis rigidis patulo-costulatis pTaeNertim subt^u elevato-punctulatis subscabriusculis demum subrugosis; racemis plerumque cornyⁿ sitis canescenti-hirtis j bracteis ovato- vel lineari-lanceolatis; calycis incani lobis to tundato-ellipticis, tubum superantihus; pe.talis parum longioribus oblongis; 6taniiuibu^s tribus * filamentis compressê^s in basi dorso puberulis; stylo hirto. t) — Crescit i^o Brasilia.

6409. UCANIA Aubl.

(DC. Prodr. II. 527. — Wlprs. Reper. II. 5.)

I. L. (*EuUcانياjffBYVOLEVCA* Bnth. Bot. of the voy. of the Sulphur 91. f t.32. — F^{ol}it^o ovatis a^milnatis tenuiter coriaceis, subtus incanis; panicula ampla, florum glomer^o lif Ib'ftginscule pedicellatis; calyce breviter 5-fldo ramisque paniculae inoatiis. l) — Foliorum forma et inflorescentia *L. floribundae*. Ramuli subcanescentes, tenues. Folia fireviter petiolata, tripollicaria, supra siccitate nigricantia vix nitentia, subtus penⁿ nfrvia, reticulato-venosa et incana vel juniora nivea. Racemi in axillis superior^m et l'i apicibus ramorum foliis lougiores, divaricato-ramosi, paniculam formantes^{a01} plam^ffoliatam, ramulis 2—4-pollicaribus. — Crescit ad Veragua.

6410. ITIOatILE.V Mart. & Zucc.

(DC. Prodr. II. 526. — Wlprs. Reper. II. 6. V. 647.)

1. M. (COUEPIJA) HYPOLEUCA Miquel, Linnaea XIX. 438. f — Foliis obovato-obloⁿ oblongisve, a^fice futuudatis vel obtusiusculis, basi leviter inaequali subex^c coriaceis, supik^o adultis glabris, subtus multicostatis et tomento tenui arach^o pulverulento incanis glabrescentibus; racemo composito terminali; pedunculis calj^o que subQavescenti-jtomentellis; ovario dense hirto; stylo piloso. \) — Cresci Brasilia. — Pertine[^] ad §. 2 *Hemicouepiam*.

PETROCARYA W. Jack.

i (Wlprs. Reper. II. 7.)

1. P. EXCELSA W. Jack f» Calcutta Jonrn. of nat. hist. IV. 164. f — (Wlprs. \) c[^] Foliis oblongis acuminatis "glabris j calycibus ore obliquis j staminibus undecim libus. 1) — *Katju Dalam P>u*gkat* in patria nuncupatur. — Crescit in Malacca.

- ² P SUMATRANA W. Jack In Calcutta Journ of nat. hist. IV. 165. + — Folils ellip
tit o oblongis, sub t us canescntibus , caljcis ore regulari, st ami nib us septera fertili
I us /) — Crescit in Sumatia.

Ordo LXXIV. AHYGDALAEAE Endl.

W Iprs. Reprt bot syst II 8 »»»907. V 648 — M J Roemer, Hmil. natur re
getab. synops. monogi. HL. p. 1 — 96 — Rosacearum trib II. DC Prodr. II 5J

6404. PYGEVITI Coleb.

(Wlprs. Reprt II. 8)

1. • P. ACOMINATUM Colebr — Wlprs 1 c no. 1. — Wght Icon plant, tab. 993. et
Spitileg. Neil, herr I. 54 tab. bG

6405. AMYGDALUS Linn,

IDC Prodr. II 630. — Wlprs Rtpert. II. 8. et 907. — Persica Tourn. — DC 1 c. 531)

- *• A f Sparhoides) ARABICA Olivier In Jaub. & Spach, Illustr. plant oriental. HL. tab*
226 — (Wlprs 1 c. 907 no 1) — Ramis ramulisque angulosis, folus spathulato
vel lanceolato oblongis, obtusis mucronatis troso crenulatis serrul itisve, drupis sub
glob obis mucronatis incano pubeiuh, putinune earmato tforinnato laevigato, xlx
compresso. fy — tiutex 2—3 pedalis, pistillo fluctuque exceptis gl lhemmus. Ra
'null simpliCLS vel pamculati, annotim crassitiepennae corvinac, fructiftn aut ex toto
^aPbylli, aut ramulis novellis foliatis parcis instructi, aut ramillos pauios abbrevia
tos foha fasciculata edentibus gerentes. Folia 6—12 IUM^ longa, supraliete vindia,
fittbtus pallidiora, margine subcartilaginea, serratarls crenylisque plensque glandu
IOSN Hors. . . . i Drupa volumine fructus Prtmi spinosae, tandem calvscens,
plerumque subglobosa, interdum ovato globosa, vix aut ne >ix quidem compressa,
Pedunculo vix ultra unam lineam longo suffulta. Putameu volummc nuclei ccr isinl,
sutura dorsah canahtulatum, caeterum esulcum vel nonnisi basi et obsolete sulcatu;
^v<nre ecannatum, apice obtusum cum mucrone parvulo. — Crescit in destrto Ara
bico ad Eupbratem, haud procul ab Anab.
- ². A. {Chamaemygdalus} HUMILIS Edgwrth. Transact, of the Linn. soc. XX. 44. —
Frutex folus brevitr petiolatis lanceolatis argute serratis, floribus sessihbus, caly
cl^ tubo longo striato 5 dentato, begmentis brevibus crenulatis, mtus pub< ruhs, tubo
uitusglabro, bisi tantum puberulo, petal is brevibus obovatis basi cuncatis glabris,
"lameutis glibns, stylo lon^o, ovano glabro, fructu. . . . ? \) — Differt ab A.
*ana folus ratione latitudims multo brevionbus, tubo calycis longiore, petahsque
bre^ioribus. — Crescit in Himala ad alt ped 9000.
- ³. A, (Euamygdalus) LEIOCARPA Boiss Diagn. plant orient. VI. p. 52. — Ramis lae
Vibus mtidis ramosis&imis cincrascentibus, ramulis patulis rigidis, apice nudis indu
'ato spinescentibus, gemmulis foliaceis ad basin ramorum sparsis, folus post floies
xplicatis subsessilibus parvis ovatis oblongisve obtusis vel retusis, saeptus obsolete
Biucronulatis mtgtris vel sub lente obsolete denticulatis glabns cinereis, stipulis
setaceis decidms, geranus floralibus ad ramulorum partem inferiorem subso
litar is uniflorts, floribus subsessilibus, calycis glabri lacinus oblongis margine cilia
tula tubo aequilongis, petahs . . . , stamuubus sub 20 longe exsertis, drupis ovatis
*absessilibus glabns mucronulatis. \) — Ab omnibus speciebus facile ditert folus
V% Im. longis, \^k Im. latis) glabrls. — Crescit in declivibus saxosis prope
Persepohs.
- ⁴ A. (Scorpius) SPATHULATA Boiss. 1. c. p. 53. — Ramis laevibus epidermide subfan
1 &iba obtectis, ramulis brevibus tenuibns, apice spmescenti mduratis, gemu*
11 B gecus ramos junlores crebns, fohis linear! spathulatis, basl longe attentiatls,

apice latioribus obtusis rotundatis vel truncatis retusisve, semper muticis glaucis glabris integris vel parcissime et obsolete sub lente denticulatis, subtus utrinervis concavisculis; gemmis floriferis ad ramorum basin sparsis foliis intermixtis; floribus ; sepalis minutissimis ovato-rotundis hirsutis *, drupis sessilibus solitariis binisque ovato-globosis tomentosissimis. ^ — Affinis *A. eburneae*, quae differt epidermic candidiori, ramulis apice acerosis nee indurato-spinescentibus. — Crescit in collibus Persiae australis prope Dalechi.

6406. **PRUXIS** Linn.

(WIMS. Repert. II. 8. et 910. V. 648. — *Prunus* Tourn. — DC. Prodr. II. 532. — ^
^f *meniaca* Tourn. — DC. I. c. 531. — *Cerasus* Juss. — DC. I. c. 535.)

1. **PR. (CERASUS) BRACHYPETALA** Boiss. Diagn. plant. orient. nov. VI. p. 52. - Ramis prostratis lignosis ramosissimis, junioribus abbreviatis tomentellis; foliis breviter petiolatis, supra breviter et parce tomentellis, subtus pallidioribus molliter tomentellis ovatis oblongisve, basi rotundatis vel breviter cuneatis indivisis vel saepe apice acute et irregulariter trilobis, semper circumcirca acute dentatis, dentibus angustis ascendentibus; floribus secus ramulos sessilibus solitariis vel binis; sepalis triangularibus, extus glabris, intus tomentosissimis, tubo calycino glabro cylindrico dimidio brevioribus integerrimis; petalis brevissimis -, drupis ovatis tomentellis. — Habitus *Pr. prostratae*, quae differt foliis subtus dense appresseque imbricatis dentalibus. — Crescit in rupestribus altioribus montium Sabst-liuschum et Kuh-Delu.

Ordo LXIX. **ROSACEAE** Juss.

(Wlprs. Repert. II. 11. et 912. V. 649. — DC. Prodr. II. 525. excl. trib. I. H. «* v111»

Subordo I. **MO8MJLE** DC.6357. **ROSA**. Tournef.

(DC. Prodr. II. 377. — Wlprs. Repert. II. 11. et 912. V. 649.)

1. **R. (Cimamomeae) ANSERINAEFOLIA** Boiss. Diagn. plant. orient. nov. VI. p. 511. ^
Ramis tenuibus rubellis ad ramulorum juniorum ortum flexuosis, aculeis paucis siccis ramos basi latis decurrentibusque brevibus aduncis; petiolis sparsim et minutis spinulosis saepe inermibus 5—7-foliolatis, foliolis utrinque minutissime et adpressis tomentosissimis, subtus pallidioribus oblongo-ellipticis argute serratis, dentibus ascendentibus; stipulis ad $\frac{1}{3}$ longitudinis petiolo adnatis angustis, extremitate linearibus regulariter glandulis sessilibus crebris marginatis; floribus 1—3 ad apicem ramulorum sitis, inferiori folio trifoliolato eum aequante stipato, caeteris foliis ad bracteam latam reductis suffultis-, laciniis calycinis integris tomentosissimis lanceolato-acutis tubo globoso glabro triplo longioribus; pedunculis fructiferis erectis; fructibus globosis siccis minimis calyce non coronatis; carpellis sessilibus. — Foliola *antherinae* mire referentia. — *Rosa Daenensis* Boiss. PI. Kotsch. ess. — Crescit ad rivulos montis Kuh-Daena Persiae australis.

Subordo II. **DmtJUDMAM** Vent.

S. 1. **DALIBARDEAE** Torr. & Gr. — Wlprs. Repert. V. «W»

6360. **RUBUS** Linn.

(DC. Prodr. II. 656. — Wlprs. Repert. II. 11. et 912. V. 649.)

§. 1. *Foliis ternatis quinatisve.*

1. **R. SALTERI** Babingt. Ann. of nat. hist. XVII. 172. t - Caule procumbente sulcato parce pubescente aculeis aequalibus parvis rectis decumbentibus. — Crescit in montibus Persiae australis.

liolis ovallibus apiculatis pilosis, subtus tomentosus, infimis breviter petiolulatis, in termed us dissitis, paniculae angustae inferie foliosae pubescentis ramis brevibus divancatis simplitibus coymbosisve, sepals fructui oblongo adpressis \) — Cre scit in insula Wight.

- 11 TENUIS Bell Salt, ex Babingt 1. c 174 — Caule procumbente tereti glabro \$ aculeis dc flex is aequahbus validis, foil is ternatis rarus quinatis subglabris, subtus \mdibuspubescentibusque, foholo terminah obovato icuminato , paniculadecomposita, Bepihs lanceolato acuminatib, fiuctui parvo (nigro) drupeoii paucis magnis composito adpressis ^ — *R affinis* 8 Rub Gum t 3 b.
|3 *ferox* aculeis ciebnis uncinatis. — Crescit in Britannia meridional!.
3. MI DISCOLOR W & N ab E Rub Germ 46 t. 20. — Babingt I. c p. 236.
ft thyrsoideus Bell Salt caule subglabro, aculeis rectis, foholis plants subtus molliusculis , pimculae pleiunique breviusculae tomentosae ramis patentibus.
y. macroacanthus Bell Salt caule senceo pilis paucis patentibus ornato, aculeis yilidis pilosis, foholis plains subtus molliusculis, paniculae tomentosae ramis ascendentibus — *R macroacanthos* Rub Germ
6. *argenteus*"Bell Silt : caule pitenti piloso , aculeis rectis, foholis planis subtus molliusculis, paniculae tomentosae r urns ascendentibus — *R. argenteus* Rub. derm — Crescunt in Britannii
- 4 *R LEUCOSTACHYS Sm Engl Bot t 2631. — Babingt 1. c. 237.
{3 *t&stitus* Bell Salt.: caule lestivo suberecto, foholis subrotundis acutis mucromto dentatis, subtus p illide yiruhbus albidive — *R teMtus* Rchb. *— *R. ditemfulms* Lmdl *R. itUtcauli** Lei,ht *R vilticauli** a Bab Mss.
y argenteus Bell Salt, caulis pubescentia densa argenteaque, foholo terminal! bubioto ovato acuminato duplicato dentito, subtus albo senceo micanteque, caulis painculaeque aculeis m ìnimis, panieul le ramis inferioribus elongatis et erecto patentibus — *R. vilLcauln* fi Bab. AU«_» Creseunt in Britannia.
- 5 *R SYLVATICUS W et N Rub Geim 41 t 15.—Babingt. 1 c 238.
|3. *villicaulis* foholo terminah ovah rotuudatove cuspidato, paniculae ramis Ion- ^loribus, aeuleis vahdioribus, caulis aculeis subaequahbus spares. ^— Crescit in insula Wifcht et Dorset. »
- C H. BORRERI Bell Salt, ex Babingt 1. r 239 — Caule procumbente tereti hirto; aculeis ciebnis inaequalibus longis tenuibus deflexis, foliis quinatis, subtus lurtis concolonbus, foholo teimmali late obovato laneolato cuspidato, paniculae corjrm ^osae ramis infeuoribus longis decompositis, flore terminah subsessili, sepals fructum hemisphaencum laxe amplectentibus ^
§ Ht/ont Bell Salt pihs in aeiculos paucos abeuntibus, aculeis ad basin latis. — Ciescit in insula Bntannica \\\i,ht et in Britannia prope liuglawton.
- 7 ft LFIGHTOMANUS Babingt 1 c. 240 f — Caule areuato subanguloso hirto, aculeis paulo inaequalibus rectis paulo declmatitt, foliis quinatis tern itisve duphcato-apiculato dentatis, supra pilosis, subtus pallide vindibus hirtisque, foholo terminah Totundato acuto, paniculae inferne fohosae den&issime lursutae setosae ramis brevis bus paueiflons divineatis \) — *R villicaults d tenuis* Bab — *R. dentatus* Bab in litt — Crescit in Britannia prope Haughmont
- 8 *R MACROPHYLLUS Weihe et N db E. Rub Germ. 35. tab. 12 — Babingt. 1. c 242.
(3 *Schlechtendalu* Bab. 1. c. — Foholo terminah obovato cuneato cuspidato irregulantei duplicato serrato, aculeis m ijonbus — *R. Schlechtendalu* Rub. Germ.
y amplificatus Babingt 1. c. — Joliolo terminah ut in var ^ , sed saepe subtus palhdo, paniculae loiigissimae angustae inferne fohosae ramis erecto ascendentibus, pubescentia flavesceute — *R. amplificatus* Lees Mss — deficit in Britannia rarior.
- J K BABINGTONH Bell Salt, ex Babingt I. c 243. f — Caule areuato tereti sulcato ^{veJ} anguloso , latenbus planis striatis aspero, aculeis brevibus dechnatis, 6eti9 aci

(ulisque multis hrevibus , folus *U* inatis qumatisvc imuronito fivnato dentatis pil<
<uuis, subtus parce puht scentihus pilhde viridibus fuliolis obovat i oibit uli<
ibiupte cuspidatis, pamculae compositae longae tomentosae aculcatae setosat run
omnibus i foliolium axillis, stpalis ovato lanceolatis aciculatis setosis tomentosis
fiuctu 1 i\c refle\is []

a *vervi* caule tereti sulcato, aculeis validis, pamculae ram is racemosis

0. *Bloxamu* caule anguloso latenbus plains stuatis, acultis parvi&, icicul
setisque brevissimis ptruculac r inij> bievibus pauuflons cor^mbosis — O
scit in Britannia Hampshire, Warwickshire

10 *R RADUH Weillie Rub Geim 91 t 40 — fialimgt 1 c 245

d *lladula* caule valde setoso pilis paucis, folus glabiis supeine veins nnj res*
subtus albo viridibus pube¢ibusqut, foliolo teiminah ovito acunnn t
It Radula Rub Germ — *R Radula ft rudts* Bab

@ *Hystnx* Bell Salt caule paucisetoso, folus pilis spiisis vemsque p ml J •
pil&sis subtus sublnrtis, fohulo teimimh inferac attenuate — 72. *Hjd*
Hub Gtrm

y *pygmaeus* Bell Salt caule tcieti, aculeis, aciculis, setis pilisque roultis, fu>
pilis spar&is subtus vmdibus toincutosis, foliolo terminal! obovato acumina'
petiulo aculeis multis uiuequ ilibus paululuin decurvatis acicjilisque bic\ibus^
lidis armato — *R pygmatus* Rub Geim

8 *folwsus* Bell Salt caule subau₀ulos iciculis s t s [ilisque brevissimis ^
pilis spusis subtus vindi ilbis tomeutosis foln Io terminal! ovato tcununi<
petiolo iculcis multis inaequalibus p tululum dccarratis aciculisque bieVib^
\ihdib trmito — *R folium** Hub Own. — Cre&cit in Brit mini

11 It IJSCO ATtR Weihe, Rub Gerp/. 72. t 26 — Babmqt 1 c 314

[? *candicans* eiulis peti >1 >rumqne aculeis paucionbus, pilis numerosioribu**
f IIIH Ruhtus II s f li 1 t unlnali Totumle obovat » infimiH p tulatlis i i rucul
f III HU t I — It i ft I Ua LCOH

y *ectnaCu^Mp^uulIH* petiolorumque uculeib multis, f Ills concolonbus , subt
duns ilgde pilosls foliolo terminali obovato, infims petiolatis, pamcuhe pil''
loigi^Betih uiculisque lon,ioiibub, aculeis crebns niininus ttnuibus — *H*
echfnutus I inill — Giebcit cum var {? in m&ulis \i₃ht et Dorset

!%''<JHr*KOEHI I HI Weihe I c 71 t 25 — Babtnf,t 1 c)15

a *Ko I tier i* atulcis permultis inaequalibus iectu> p tulo declinatis, pilis J)utis
foil >lo tei nun ill obovito acuminato, pamculae bupcine tomentosac I inns co
rymbosis pitentibus aculeis multis longis rectis

P *emptdatus* icuh is bievibus lectis hoiuontihbus, pilis piucis, foliol > term'
mil obovato cuspidato, p miculae superne tomentosie ramis < orymbosis bri
vibus patentibus, setis multis aculeis paucionbus brevibus rrectis. — *R gland*¹¹
losus Sm

y *palltdus* aculeis tenuibus rectis declinatis, pilis multis, foliolo terminali ob
vato elliptico acummato , pamculae superne subtomentosae ramis racenios^
corymbosis, setis multis, aculeis multis bievibus validis declinatis dtlexisve
R palltdus Rub Geim

8 *mfestus* aculeis multis validis brevibus valde declinatis, pilis setis aciculisque
brevissimis paucis foliolo terminali oblongo acummato, subtus pallid^{vi} rui
tomentoso puuculae oblongae lamis brc\ibus pauciQons aculeis multis I^o
tenuibus declinatis

S *fuscus* aculeis paucionbus declinatis, aciculis, setis pilisque multis, folio¹⁰ te^r
mi rial i elliptuo subcordito cuspidato, pamculae an^ustic rimis brevibus I>^u ^
lions cor>mbosis iculeis bievibus tenuibus — *R juscu** Rub Germ
fusco ater Lei₀ht (Lindl) — *R Kuehten* (} *fusco ater* Bab M>s — *Ci*^{cc}
p. Rydal Woods m Westmoieland, Dumfriesshire, y ad Bath et in WYor
cestershire, 8 ad killarney . cjm->

13 R GLANDULOSUS Bell mss ex Babmgt I c 318 + — Caule arcuato ut

tove tereti \ Nut t _ui > iurto setoso iculeis parvis tenuibus inaequibus rectis declinatis, foil is ternatis v quin itis cncolonbus pilosis, subtus hirtis foholo teimi nah ovali obovato v obovato l inceol it >, pamculae valde setosae hirtae v tomen tosac aciculitae cor>mbosae inferne folios le betis brevibus subaequibus purpureis, bepaiis fiuctui la\ e appic&sis reflexisve setosis

a *iellardt* Hell Salt caule tereti sp irsim piloso valde setoso, aculeis parvis permultis, foliolo termali ovato cuspidato acqualiter subtiliterque serrato, I miculie tomenfosH aculeis multis tenuibus rectis horizontibus, apice et ranus piucis longis distantibus p lucillons corymbosis — *R Dellardi* Rub Germ — *K t/landulosns* Eng Hot Suppl

[3] *Lejcunu* Btil S tit caule suban,uloso spar&im piloso setoso, aculeis plunnum paivfc nonnullit, lon,ionbus foliolo terminali ovali cuspidato \el obovato lan ceolato nuiequalitei buttiliteique srrato, pamculae ramosae valde tomentosie setis multis rt conditib brcvibus aculeisque tenuibus decliitatis vel subreflexis — *h Jejeunn* Hub Germ

josaccns Hell S Ut ctule subanguloso birto valde set«so, aculeis valde inae qualibus toholo teiminali obovato vel obovito lanccolito acumiuito £,rosse in aequalitei sen tto pimculac mfcrie rimosae (sitpe ramis duobus maximis) corjmbosac, superne hutae setis lon, is prominentibus aculeis declinatis vel sub deile^ih — *R rubaceus* Hub Geim — Lrcscit in Britannia

U *R SVlimh* Runs Ituj 1 (bt Heitr zui Pflnznkiide Ilussl IV (G — *A R suberecto* •n cujiu vicimtate interdum crescit diffcit statione, caul< feitih et steilli usque ad Jpium semper trecto (nee incliit ito lecuivato), multo minus li^nosu tenuion pal lule vinscente (non lubio suffuso), folns sub,labns et subtus vermcoso nitentibus, <aulium fertilium semper ternatis (numqii tin quinato di, itatis quod saepe in *R sub erecto*) mult > tenuionbus, caulium steilium ^uidem iipulionbus sed vix ita ut *R suberect* \ il< i \ me m t t plinM <l I I s tuu U, m | t lis vix uJi in MID tilts *(< rililius v ill li r a < mils bisin vi ^us I us MU> me I t s hucfua nitruif ^ (liut i, i)oti Surculi sti riles interdum qu uhipcdales, foie < runt quinalo digital 1, laussime pinnitu di, itata, foliola lateraliu profundt lobata omnia bulitus spu&epu ~~bulcenti~~ pilosi \el sub, hbra et nitentu An *R mbcieclu** (3 niito Arrlicnu? — ~~Urcscit~~ in umbiosis piojie Petropohn

I H PANORMITANUS Tin Plmt ranor Sicilne pa_D 24 — Cuil sullneti giaeiii (decumbente (labio pedunculis petiolisque villosu tomentosu Kulcatis, aculeis rcttis reflexisque, raro incuivis, basi dilatatis, f >lns ternatis foliolib (pirns) ova ~~libus~~ biseiratis ciliatis, lateialibus subsessihbus supia pil JSIS obscure vuentibus ~~subtus~~ villosu tomentosu albulis aeuleitis, panicul i simplici brevi laeimib cil>cims ovatis iculis demum retlevis 2\ — Caules subtert tes elon,biti ^lacilts rimo&is Mni decumbentes ^labi i valule aculeati 4—b pedales, folia trnat i foliola ovalia vel obovato cum< ata inaequalitci ai,ute bi*>errati dentibus nigro mucronulabs b isi sub ""te^i i subtus ad ibacludim iculeati mi di i brt vitei peti >l ita vix. pollicina lite >alia bub&essilia stmipollicaiia, aliquand > unilob ita floral i bimplicii vel trilobata, l'amtuli % — J polheans bimplici&sima 2 — 7 floi i, biactcae hncaii lanceolatae acumi natie pedunculib lon&ioics int<,iae v« 1 tn,udae, < ilyccs sub intlicsi ^lobosi ac ta nescentts, lit inns ovatis toncavis acutis, petala buborbiculati patentissima cmar^i nata txtus villosi, cal\ce maj^ori, iculci elon,dati tompressi basi dilatati lbique Tubentes, in cuilibus et pedunculis recti hori/ont lies vel subreflexi, in petiolis ac iluebide (ra(lies, adunci vel recti — *Habit JS II tanctt*, A quo potissimum acu •• orum forma et directione dilleit — Crescit in steihbus demissis apricis saxosis * < iliac

I HO11MEIS1JKIANUS Kth. et Boutlir, Index scm m liort bot Keiolin 1S47 c>lleetorum p, 14 — liuticosus lamis petioli&que molhter pubescentibus aculeis ⁱⁱ(-uivis armatis, folns tein itif, foliolis supra mollitir pubescentibus, subtus ilbo ⁱmentosis, duphcato erenato d< ntatis in cost a acule itis foliolo ternunih longibsime ~~Vt u, u, u, u, u~~ cordilo subrotunilo o'vato acununato lateralibus mmoiibus bicviter pe

- foliolatis, oblique ovato subrotundis, acutis, stipulis subulato fihfoimibus, i
 termmahbus multifloris, rhachi, peditellis calycibusque molhct piloso pub
 bus, interdum aculeatis, petalis calyce dimidio brevionbus roseis undulato crenui
 tils, ovarus dorso pilo&is ^landulisque stipitatis obsitis. ij — Hinc *R. fruticoso* L
 mde *R. idaeo* L affinis viditur. — Crescit in Himalaya
- 17 *R. HYPARGYIUS* Fdgmth Transact of the Linn soc XX 45. — Aculeatus sub
 scandens ramis tomentosis folus pinnatim trifoliolatis, foliolis ferossce et irtgute
 duplicatn serratis acutis, bast cordatis, supia pubescentibus, subtus cano scnceis,
 stipulis liueanbus, pedunculis biflons, sepalis longe acuminatis, petahs roseis ere
 ctis longionbus \) — Jrutex rami tomentosi, aculei parvi sparsi breviter uncmati,
 petiolo aeuleato pubescnte, foliolis petiolulatis Pedunculi axillares, stipulis bre
 viores Calyx utiinque dense sericeo villosus, segmentis late ovatis longe icunu
 natis Petala erecti ovata Integra (rosea) calyce breviora Ovana sericea, fiuctus
 flavus — Crescit in Ilimala.
- 18 *R. NUTANS* Ldgvuth 1 cit — Caule repente inermi setoso, folus pinnatm tn
 foJiolatis, stipulis bracteisque ovatis scariosis, flonbus solitarus lon^c pedunculate
 nutantibus, calyce dense setoso, laeinus erectis cuspidatis petalis bievioribus 2j. —
 Suflrutex rami piocumbentes repentcs inermes, dense setosi Folia longe petiolata,
 petiolis setosis, foliolis subtus hirsutis, supra pilosis, argute duphcato seiratis rotun
 dato ovatis, apice obtusis sub 3 lobis, lateralibus basi semw ordatis, medio cuneato
 Stipulae hberae, apice denticulatae, margine ciliatae Pedunculi sohtaru axillares
 et termmales bibracteati (bracteis stipulis conformibus) urufiori filiformes. 1 lores
 post anthesin nutantes Calyx e\tus dense setosus (setis ferrugineis subhamosife)
 intus senceus, laeinus extenonbus apice foliaceo lacimatis Petala ilha obovata
 calyce longiora Ovana glabra I ru-ctus globosi glabn, laete cerasino rubri, stylo
 persistente Receptaculum pilosurn. — Ab Indi^euis *hhal* dictus, fructus ~~sapor~~
 optimus — Crescit in Himala ad alt ped 0—10000
19. *R. COJVCOLOR* Ley in Rbnhrst. Bot Centralblatt I. 434 — Caule ramoso ~~viri~~
 sursum angulato iculeatis&imo, aculeolis basi cTassiobus recurvis flivescenti virenti
 bus, setulis, yilis glanduhsque intermixtis, folus trifoliolatis v larius qumquefoliolat¹⁸
 pedatis mediocribus fliccidis petiolo fohola quinatorum exteriora vix aequante, bre
 viter piloso frequenter recurvato iculeolato, foliolis utunque grammeo virentibus
 •parsim pilosis, inaequahter serratis longcque acuminatis, terminall cordito oval¹¹,
 duobus proximis obovatis, basi inaequilatens, extimis ovahbus (petiolulis 2 • — ^
 longis), stipulis subulatis ad basin petiolorum, ram is florifens tenuibus ramul<>⁸⁸
 calycibusque recurvato aculeol itis setoso pilosis glandulosisque, folus trifoliolat¹⁸
 supremis simplicibus cordatis caeterura caulims simillimis, pamcula composita pJ
 ramidah, ramis patentibus, inferionbus ma^ms decompositis, supremis raemosis v
 corymbosis, extimis 1—2 flons, bracteis integris v trifidis instructis, pedicellis tenu
 bus, lateralibus teiminah plerumque longionbus, calyels viridis laeinus foha^{ce}
 elongatis, post anthesin erectis fructumque velantibus, petalis ovalibus, basi cun<<⁸
 tis stamimbusque ilbis, stylis virentibus, fructibus . . . ? \) — Crescit in ^{ref}
 mania haud procul ab urbe Eupen. (Duo tantumraodo hujus speciei T^i^{su}
 frutices)
20. *R. FLORIBUNDUS* Ley in Rbnhrst] c 433 — Caulibus angulatis ~~abrupte~~
 pihs, setis glanduhsque sparsis, aculeis autem mediocnbus rectis, basi crassissi
 dense obsitis, folus plerumque pedatis 4—5 foliolatis, rameahbus ternatis *medioc*
 bus conactis, petiolo foliolis extenonbus longiori petioluhsque pilosis glandul⁰
 aculeatisque, aculeis recurvatis, foliolis supra obscure virescentibus sparsim p¹⁰
 infra palhdioribus molliter pubescentibus inaequahter undulato serratis, abruptc acu
 natis, terminali suborbiculato, basi cordato, lateralibus obovatis; stipulis angus¹¹
 nonnullas lineas a basi petioh remotis, ramis florifens fohosis rubro fuscis, ^{aCul}
 tenuibus rectis retrorsum directis numerosis, glanduhs numerosissimis, praeser⁸
 rhachide, pamculae ramulis, pedicellis calycibusque canescenti tomentelhs, ^{w>}
 foliolatis, foliolis breviter petioluhtis, petiolo foliolis lateralibus multo breviora,

terum caullnls simllimls, pinacula cylindnca clongita, bractels follaccls, ramulls patentibus brevibus, 3 — 4 inferioubus racemosis, reitquis corjmbosis, supremis tudoris, bracteis angustissimu* tomentoso pilosis glandulosis, calycibus betoso pilosis tomentosis, lacinus ovatis longe acummatis reflexis, petalis ovalibus, basi cuncatis palhde roseis, stammibus albis_T s'yilis basi sanguineis, fiuctibus nitidissime nigns mediocn hug fy — Cresut in Germama haud procul ab urbe Eupen

§ 2. *Folns simphcibus, ternatis qumatisque*

to R. DIVERSIFOLIUS Tin Plant ranor Siciliae pag. 41 - Caule angulato petiohs que aruleitis villosis, aculeis validis aduncis compressis, folus quinatis, ternatis simphcibusque, fohohs obovatis etovato acummatis, argute irregulaiiter duplicato serratis, supia ;labris, subtus pubescentibus, pamcula subsimplici, pedunculis calycibusque lanupinoso tomentosis, lacinus calycims ovatis longe acummatis ineimibus, demum rtflexis. \) — Caulis fruticosus suberectus ramosissimus, mferne glaber albidus, folu al ttrna petiolata quinata ttinata et t>imphen, foholis obovatis retubis aut acutiuscuhs, vel ovato acummatis, non raro 2—3—5 lobatis uliatis, nervo aculeolato, supra vltntibus, subtus* albidulis, lateialibus subsessihbus, pctioli aculeis aduncis nonvalidis instrutti, stipulae linean acummatat, bractee lmtaii lanteolatae, 2 — 3 fidae, superiorts integernmae, pedunculis brevioies, racemus termmalis simplex vel compositus 2—3 poll.Lans, calyums foholis ovatis longe acummatis, petala obovata patentis Kina plma Integra, cal>ce mijora, aculei flavescentes vel subrubentes in pedunculis tenuiores. — Crescit in colhbus apncis Sicihae (Palermo supra Calluz^to).

g. 3 *Folus ptinnaUs.*

** h PRUINOSUS Zollmger, Flora (B. Z.) 1847. p 663. — Frutex folus pmnatls, ^liohs argute duplicato berratis, subtus albedo tomentosis, supra rutidis, ciule, pedunculis, calyce frutibusque dehnquescente glaaopmuuj^js, aculeis sparsis recurvis, caly>e lacinus integernniis acute acummatis, petalis<rc&£ calyce multo br^vloribus r^seis. \) — Crescit in Javae onctalis montosis frequens a 6—10000' s. m.

§. 4. *Folntt simphcibus*

²³ U. HUIMDLIFOLIUS C A. Meyer, Beiti. ^ur Pfln/nk. Rubsl. V. 57. ^tTt. — Caul* ht-rbaceo setoso aculeato, sttpuhs petiolaribus lineali filiformibus, folus glabriusculis cordato subrotundis trifidis, lobis late ovatis acutis inaequahter dentato serratis, lteralibus (satpe) bilobis, pedunculis axillaribus uniflons, cal>cis profunde quinque ^di lacinus lanceolatis acummatis eiecto patentibus, petalis lain eolatis icummatis calyce longionbus, carpelhs paucis (immatuns distinctis) 2]. — R Daltbarda Us Penuh. ekat Ni. 203? — Species optime distmcta, toto habitu ad 72 sazatilcm proxime accedens, a quo facile distinguitur stipuhs subfiliformibus petiolo alte adnatis, folus simphcibus, petalis mijonbus longe acummatis, a R stellalo differt caule seto aculeato, stipuhs petiolaribus subfiliformibus, foliis subtus ad nervos hirtis vel setoso aculcolatis, caeterum glabns (non pubescentibus) alusque notis, — a reliquis Rubi speciebus longe magis distat — Crescit In Rossiae provmca Wiatka.

<. 2. FRAGARIEAE Torr. & Gr. — Wlprs. Repert. V. 631.

6361. FRAG A 111 A Linn.

(DC. Prodr. II. 569. - Wlprs. Repert. II. 23.)

¹ H. CHRYSANTHA Zoll. & MonUi, System. Veweichn. der von H. Zollingei auf ^{dy}4 gefammelten Pfla^en. pag. 7. — Heptans stolonifera folus tufoholatis, foliolis ^oovatis vel subdeltoideo ovatis serratis pilosis, basi cuueatis mtegermnis, stipuhs lanceolttis serratis, floribus solitarus, petalis luteis distantibus cuneato lanceolatis, ^labls cilvcinis extenonbus serratis, fructu sangumeo 2]. — Crescit in rupibus prope ^UUruK On>ahie ad pedem montis Tankuban prau in Java ^NU KLATI K Ehih — DC. 1. c 570. no. b. — Wght. Icon, plant t. DSS. etSpicil Weil ^{c5}err. I 52 tab 01

3. *FR INDICA Andr. — DC 1 c 571 no 10. — Wlprs 1. c 2b no. 3 — ~~Wlpr~~
Icon plant tab 9S9. et Spicil. Neiljierr I 52 tab. 62.

6363. POTIS[^]TIIXI Lum.

(DC. Piodr II 571 [excl sect 2] — Wlprs Repert II 2G. et 912. V. 031)

- 1 P. (*Potentillastrum*) BUQUOYANA Knaf, Flora (D /) 1847. p 181 — Toti hirsu-
pectiolib lursutissimis, pihs patentissimib tuberculo insiditibus dimoiplns, alus sim-
plicibus eglandul >MS, ilus aiticulatis hrcvionbus paucioubusque (landulifens, cauli-
bus in orbeni patentibus aut e basi decumbente ascendentibus, supoine aut feie <>
medio pimculatis, folns radicalibus in caespitem caules dimidios supeiantem aut sub-
aequantem congestis, 7—9 natis, foholis oblon₀is aut oblon_po lanceolatis acutis aut
subobtusis, utunqce husutis, supra obscure, subtus pallide vmdibus, grosse *incp*
serratis, scuatuns pltiunique 9—14 ovatis, antroisum subcurvatis ponectisve, «<
rituui ternini ill mmuti, sciritui is tinien pioim< Iitciales puilo excedente aut ser-
raturib tribus teimin ilibus minutis, folns caulinis inferioribus sensim brevius petiol*
tis 5—7 natis, supienus sessilibus teinatis, horum foliolis lanceolatis aut lanct oUto
llnearibus inte[^]ernmis aut remote pauciserratis, scrratuns pitentibus, tenninili m^a
xima, petalis obcordatis calycem excedentibus, eorum emarginatura denticulo instru-
tta, caipellis elevato rugosis, in tergo cauna angustissima acuta cinctis 2]. ~ ~ ^ re
scit in sylvis colhiis froiidosis praecipue quorums in fundo limoio cum[^] teria lit>>ⁿ
tbracea commixto in Bohemia ^ ^
2. P. ELONGATA GOIDH\CHIIRuprcbct, Beitr /ui POzkd Russl IV 62 — ~~Quod~~
hibitum proxnna P *inclinatae* Vill, bed leccdit btatura majorie, pubescentia, p~~u~~
culis lougionbus et ctrpidns lievibus. Formis etiam minonbus piuufbons et micro-
phyllis P *intermediae* 11 Petiop similis est, sed inter alii diffeit petihs 3 li>^{eaS}
lon{is, eilycem distun te e*< d(utibus, pubescentia etiam in buperionbus plant it p^{ar}
tibus divaricita nc (eic< cto patula aut adpiessa, stipulis semper mte[^]eiriniis et pra-
cipue lubityr gracflf. Typus divisioms foJiorum oppositus illi P *intermediae*, foli-
mmirum fell semper qumiti it beptenata quoque (ut in P *caimcente* Bess) inv enir'
possunt, & m>e siltem serntuia in foliolis infimis utriusque ceteris piofundius teiu^{it}
~~verofolium~~ verofolium intenndium iriegulanter fissum aut pinn itifidum, uti solito >
~~P. intermediae~~ conspieitur Veram potius affimtatem in P *saltburgenst* quierer^{^^}
quam et squimae bisilaies indicant. — Crescit in umbrosis prope Petropoliu.
- 3 P. RADICOSA Boiss Diagn plant orient, nov VI. 49 — Pulvuniis tota p^{ltu}
velutino luspida rhuomate petiohs basi dil itatis vetustis vaginato eiasso, caulib^{us}
scipifoimibus &ubaph[^]lli& decumbentibus fihformibus, folns fere omnibus radidli>^u
petiolatis ambitu rotund itis palmato quinatis, foliolis subsessilibus euneato attenua^{ti}
obtuse 3 — 7-Iobitis, lobo terminali alus non brevior, folio cauho uno alter^{ovr}
brevissime petiolato ternito, foliolis 2—3fidis, stipulis fohorum ridicalium p^{etiol}
valde dilatato adnatis lanceolatis minutissimis, caulinorum ovato oblon₀is obtus^{is}
flonbus terminalibus 1 — 2 pedicello calyce longiore suffultis, calycis idpitssius
pilosi clentibus lineanbus obtusis, extenoribus brevionbusangustionbus, petili*
vatis aureis calyce paulo lon₀ioribus 2]. — Affinis P *JNeoadensi* et *pumilae*. —
scit in summis alpis kuh Daena ad mvem deliquescentem. Cre
4. P. JVUDA Boiss I. cit. p. 49 — Perennis caespitosa- rhuomate petiohs^{bas}]rjibri
tatis vetustis nigris vestito, tandem crasso, folns radicalibus petiolo recurvo^g ^
msidentibus, humi adpressis, ambitu ovato oblon[^]is quinatis, pirtitiombus^{ma>Tg}
bus se&silibus, iatralibus brevissime petiolulatis cunt itis, profumle piitit'S^{o' de rtoe}
dia longius petiolulata elongata subpmnato partita, lacinus omnium oblon₀ un^{caru>}
obtusis ri^{id}ulidis, fohis caulinis subsessilibus tetnatis, omnibus superne^{^k} b^{at}is[^] sub^u
tus sub Jente paice et adresse pilosis, stipulis radicalibus petiolo lon[^]e^u
ceolato lineanbus, caulinis semiovatis, caulibus brevibus decumbentibus p^{rec}
sis dichotoiuis 4 — 7 Qons, pedicelhs graeihbus elon[^]atis subtemuis, ca^v
presse lurt< U i dentibus triangulanbus; extenonbus dimidio brevionbus, i<<

- calyce subduplo longioribus, cupellis laevibus glabris, dorso rotundatis. 2J.— Habitus *P. multifidae*, affinis caeterum *P. geramoidi*. — Crescit ad montes alpium Kuh-Daena.
5. *P. POTEUIKHJV* Loiss. I. tit. p. 50. — Kluzomate suffrutescente raulicauh, caulibus brevissimis apice foliosis, petiolis fohorum vetustorum vtstitis, folus omnibus onfertis pinnatipaititis, petiolis graullunispacce et patule glanduloso hispulis, basi dilatatis costatis, stipulis petiolo longe adnatis, apice lineanbus acutis libens longe uliato hirsutis, foliolis utnque 3 — 5 sessibus ovato-cuneatis profundissime 5—8-dentatis, dentibus oblongis acutis, maigine et facie supenore paice pilosuhs, terminah basi paulo lon^vus cuneato, caetens usque ad infima minima sensira dimiuutis j scipis foliolo uno alteiove auctis, saepe nudis lectis patule lurtellis, folia vi\ supe- i intibus, apice roufeitiuscule 1 — 5 flons, calycis adpresse seiicei laciniis exten- nbus anguste liueaiibus, intmonbus tngulalaii-ovatis acutis duplo longioribus qua- iliuplo lationibus, petal is oblongis luteis cal>cem vi\ superantibus, receptaculo pi- lo8o. 2\ — Affinis *P. cicutanaefoliae*, quae laciniis cal^ciuib aigualibus et recepta- i ulo glabio ditlcit. — Cre&cit in alpe Kub Delu.
- 1¹. *ELLWINDENSI* Loiss. I. cit. p. 51. — Tota emenscens. rbizomate crasso sub- lignoso; taulib^s ascendentibus petioli&que patule hi>pidis, folus radicalibus longe petiolatis piunatipaititis biju^is, putitionibus adpiesse busutis btssilibus ovato cunea <is, feie ad basin usque multifldis, latinus linean oblongiis obtusis, stipulis longe ulnalis, apicellbero lineali setaceis, folus tauluus subsessilibus brevibus ovato oblon- b's pinnatiseLtis; stipulis interns senuoblongis acutis, ilonbus termmalibus 3 — 7 len^e pi>dunculati3, cil^cis pubestentis laciniis oblongis acutiusculis, inteiioribusdu- lo nnjotibus, patalis aureis ol)Ottis calyce duplo longionbus, receptaculo piloso, <arp> lis> laevibus subcaianatis. 2j. — Affinis praetendenti et *P. punpinellifoUae*, a qua stipulis interns rtcedit. — Cresd&i monie Ellvvind. in alpe Kuli Daena Persiae <u>stalis.

f Icones addēSHac.

- ¹¹ HICOLON Lindl. (var. hybrid.) — Van Iloutte, FloiV^r, Gewchshsr. II. Hft. G. til>. 8.
- ^v LESCIENVULTIANA Ser. — (Repert. II. 30. no. 44.) — Wght.T%q. plant, tab. &KH) et Spicil. Ntilgheir. I. 53 tab. 63.

§. 3. *CHAMAERHODEAE* Torr. & Gr. — Wlpis. Repert. V. 63S

6367. *SIIIIIALDIA* Linn.

(Dt. Prodr II. 586. [excl. sect. 2.] — Wlprs. Repert. II. 37.)

- ¹ * CUNEA Hornem. ex Kn/e. Lmnaea XX. 50. \ — Seritico pilosa. lhi/orinate mu<itramoso, cauhbus ascendentibus elongatis, folus ternatis, foliohb cuncato-obo- v<itis, apice truncato subaequalitei 3 — 5 dentatis, dentibus glanduloso apiculatis, sti- Pulis oblique ov ito oblongis acuinatis, apice glandulosis, flonbus aggreg.itis subde- c<mdris pol>gyniti, petah< obovato s)atbulatis, apice repando dentatis, caljcem ae- quantibus (0a\is). 2|. — *S. procumbenti* L. paulisper affinis, quae autem differt: folio- '8 supeine glibns, petihs acutiusculis integerrimis caly e bievioubus. Et propin- qua videtur *S. pwpurea* Kojle, cum qua stipulis petiolisque basi rubellis, petahs obovatis, calyce parum longioribus nee non loco convenit. — Crescit in monte Lmodi.
- ² S. CUNEAIA Ed^wrtb. Tiansact. of the Linn. soc. XX. 44. — Plocumbens. follis te<rnatis, foliolis cuueatis apice truncatis 2 — 5 niciso dentatis, petahs obovatis caly- cem arquantibus, stamuubus 5—10, achaenus glabns stnato rugosie. 2|. — Caespi to<sa, oninino pihs spaisis luisuta. 1 olia petiolata, petiolis longiusculis, stipulis adn i f<< ob/ori^is, apice Jibens acutis s< inosis, foliolis ovatis, basi < uneatiss, medio J— 5, klt<eralibus'2 — 3 inciso dentatis, dentibus obtusib mucronatis Caules (lonferi vel f^>>8 laditalibus breviores piuciilin, vel erecti ramosi multiflon corymbosi, fohus 001 libus gi idatim diirornnbus, ulfunis lanceoiatis. Cai>cis Jacimae acutae, intenores tai>>ceolatae, extenoiies breviores hneares. PetaU 5 obovata Integra obtusa cal>cein

subaequantia; stamina semper 5 cum petalis alternants, quandoque 1—5 Us opposita. Styh laterales. Ovana glabra rugulosa pauca. Receptaculum pilosum, achaenia glabra, leviter stnatu rugosa.

var. *a.* Scapis mininiis, petalis Idtioribus.

f). Scapis erectis corymbosis 6-pollieanbus, petalis angustioribus.

A *S prucumbente* differt petalis obtusis nee acutis et multo majonbus. Folia et 1> bitus omnino *Potentllae cuneatae*. — Cieseit in India oriental! septentrionali.

6370. ALCHEJILLA *Town.*

(DC. Prodr. II 550. — Wlprs. Reper II 42. et 014 V. 635.)

1. A. PINNATA Remy, \nn. des sc. natur. VI. 354.— Foliis pinnatis, pinnulis bipartite pengonii limbo octofido, dentibus aequalibus. 2J. — Radices inciassatae filiformes* lauhs humifusus, ad nodos ladicans, tortuosus tenuis, pilis albis Inrsutus ko^ radicialia caespitosa stipulata, pinna summa termta, se^menta ovilia inte^ii obtu^ ciliata umneviva. Stipulae liueari-lanceoldtae aeutae paialleleae membranaeo ferru gneae, pube simpliei longa albicante ciliatae, margimbus in alas pellucidas cihatasa que dilatatis. iolia caulina involucrantia multip irtita villosa. 1 loies axillares <^1 pitelliti, (apitulis pedunculatis, basi foliorum involucratis. Perigomuni cainpaiulatm¹¹ hirtum pedieellatum, limbo oetofido, dentibus aequalibus ovahbus obtusiuseuhs st> ceis. Stamina duo, ante annulum faucis inserta. Stylus unus, mteidum duo, st minibus longiores. Stigma capitatum. Ovanum plerumque uncum ovoideum, mt^ perigomum uclusum uniloculare, ovulo unit o Semen ignotum. — Herba humil^s radice fusiformi et foliis pinnatis nee non p< n₀onu dentibus aequalibus distinctissim¹ — Crescit in Peruvia, et Bolivia ad rupes mvasas locis vulgo Laguuas de Poto*¹ et ad nives perpetuas inontis Illim tm.

S. 4. SANGUISORBEAE Ton. & Gr. — Wlpis. Reper. V. 033.

f 6372. ACAEVA *Vahl.*

(DC. Prodr II 502 — Wlpis. Reper II 43. V. 655)

1. A. (*Euacaem*) BEHRIA^NA Schlichtd. Linnaea XX. 660. \ — Glabra praeter caul> infuoiem partem, petiolos, rhachin foliorum, neivos pa^inae infeioris, folioloru⁰¹ stipulas parce adpresse pilosos eaalis ma^is minusve elon^atus, basi imprimis ~~folio~~ sus, apice in spieam mag is minusve elongatam et interruptam floribus ~~glomeratu~~ e\eurens, foliola ad 17 usque elliptica brevissime petiolulata, basi obtusi sub'ordata cuneatave acutiusrule inciso dentata subpinnatifida, superiora appioximata opp<>^{sl3} infuora magis magisque diminuta et abinvieem remota, subdigitato paitita, fl^{o11} decandn, filamentis basi dilatatis, calyx extus spims magnitudine varnis rigid¹¹* ~~bas~~ Idtioribus, apice glocludiditis mstruetus. 2\ — Cieseit in Nova Hollandia ~~amtrahore~~
2. A. ECHINATA Lehm. Plant. Pieiss. I. 95. — Floibus glomeiatis m spica ~~cylindru~~ basi interrupta dispositis, caule erecto, foliis oblongo lanceolatis pinnatifidis, ~~subtr~~ bracteisque hirsutis, spims cal>cis conieis inaequahbus simplicibus non unc^{atiss} 2 — Crescit in Nova Hollandia in rupestnbus umbrosis ad montem Brown.
3. A. (*Ancistrum*) MONTANA Hook. hi. in Lond journ. of bot VI. 476. — pumiw >>e brata caule ascendente breviusculo, ramis brevibus, foliolis parvis 5 —7 JU¹¹ lique obovato vel oblongo rotundatis conaceis, supra reticulato venosls gUbe^ subtus ad costam maigimbusque grosse serratis senceo ciliatis, peduntulo s¹¹ subsericeo, capitulis globosis, floribus parvis, calyce glaberrimo tetragono r¹¹ formi, anstis brevibus apice glochidiatis, medio calycis insertis, petalis d¹¹ apice conico calycis sitis, stamimbus duobus, sti^mate dcpresso patellif<>^{ml} mbus fimbriatis. 2]. — *Folia* 1 — 1% unc longa, patula subeoneaea, petioli appresse sericeis, foliolis sessilibus, % unc. longis, fere aequilatis, ap^ce ~~subtrun~~ catis, supenoribus basi lata adnatis. — Crescit in Van Diemens Land, ~~Mount Wel~~ lington.
4. A. MULTIFIDA Hook. fil. Antarct. voy. of Terror and Erebus 265. — ~~Hembr. & Jacqu~~

not, Voyage au Pol Sud (Bot die plian) tab 24 fig A — Tota pilis sparsis villosa
 Giuscula caule gracili ascendente simpliciter vel superne pluries diviso, foliis linearibus,
 petioliis gracilibus, foliolis vane profunde sectis ad costam usque pinnatifidis
 vel 3—5 partitis, lacinis omnibus linearibus obtusis, marginibus recurvis, supra gla
 bernatis, subtus serratis, pedunculo villosis subscaipiformibus parce fohosis,
 floribus plensque in capitulum globosum congestis, evince hirsuto, petalis fusco
 purpureis dorso serratis, staminibus 2, filamentis brevibus, stigmate depresso fim
 buato, fructu tetragono glabrescens, supra medium spinis subrectis, apice gloclu
 diatis, basi dilatatis armato 2]. — Radix lignosa descendens. Caules 2—3 unciales,
 vaginis pilosis foliorum tecti folia 3 — 5 unc longa, petioliis gracilibus subseu
 ceis, foliolis perplurimis magnitudine varus, 2 hn ad 1/2 unc longis. Pedunculi pedales
 vix erecti, folis 2 — 3 abbreviate instructi. Flores parvi — Crescit ad fretum
 Maellancum (Port Gregory)

5 A MONIEVIDENS Hook fil 1 c 263 adnot — Laxe villosa pilis patentibus
 foliis oppositis alternis 7—9 jugis linearibus oblanceolatis inciso pinnatifidis, lacinis plu
 rimum obtusis, supra glabris, subtus serratis, pedunculo villosis foliosis, spica inter
 rupta elongata cylindrica obtusa, floribus parvis sessilibus, petalis glabrisculis,
 filamentis 2—4, stylis pluribus 2, stigmatibus depressis plumosis, fructibus late
 oblongis compressis, undique setis brevibus apice glocludiatis armatis 2j. — Radix
 basisque ciliatis desunt. Folia 4 unc. longa, foliolis 1/2 uncibus sessilibus. Spica
 2 unc longa. Flores sub 1 hn. longi, petalis fusco rubris — Crescit ad Monte
 video *

f A MACRORHIZA Hook fil 1 c adn — Radice crassissima descendente, caule
 subnullo foliis lanceolatis, foliolis 18—20 jugis linearibus lanceolatis subacutis sessili
 bus, basi oblique subcordatis serratis, segmentis pinnatis supra pubescenti pilo
 sis, subtus petiolisque pulcherrime argenteo-lanceolis, pedunculis elongatis scipifor
 mibus serratis, spica florifera densa cylindrica obtusa, staminibus 4, stigmate
 depresso, fructibus oblongis tetragonis compressis triangularibus, spinis 4 inaequilongis
 & armatis 2j. — A *cylindrofachya* habitu folisque sinuatis tectis actu diversissima
 *— Crescit ad Carthagenam et in montibus supra Sin Sebastian

7 A Ait IMS Hook fil 1 c 268 t 9b B — caule prostrato ridicante ramis
 ascendentibus fohosis, folis utrinque magis minusve pilosis, foliolis 5—7 j
 fuscis obovatis oblongis obtusis grosse serratis, basi subdecurrentibus vel in petio
 lum brevissimum itenuatis, pedunculo scapiformi glaberrimo, capitulo globoso,
 lobis tribus hermaphroditis, calyce glabrescens 4 anstato, inter anstas attenuato et in
 lobis uncinato recurvos producto, petalis elliptico oblongis, dorso apiceque ciliatis,
 filamentis brevissimis, antheris parvis inclusis didymis, stylo elongato plumoso,
 fructu elongato, aristis elongatis 2j. — A ascendens statura habitu formaque folio
 rum inflorescentiaeque similis, sed petala angustiora, stamina multo minora, fila
 menta brevissima inclusa formaque calycis supra anstas diversa — Crescit in Ker
 man Land

8 A ANTARCTICA Hook fil 1 c 269 — Purpureis caulis brevibus robustis prostra
 tis ascendentibus parce ramosis, folis confertis, foliolis 3—4 late oblongis obtuse ser
 ratatis medio canaliculatis, supra dense pilis fulvis sericeo villosis subconatis, infra
 glabris, pedunculo scapiformi, capitulo . . . 2).— Caulis 2—3 uncibus, vaginis
 fimbriatis glaberrimis foliorum tectus, folia vix uncibus, petiolo gracili appresse
 serrato, foliola sub 1/2 unc. longa, dorso canaliculata, marginibus recurvis — Crescit
 in Fuegia, Staten Land

9 A MACROSTEMON Hook fil 1 c 269 adn — Caule simpliciter ascendente
 villosis, folis elongatis utrinque sericeo pilosis subconatis, foliolis 5—7 jugis pinn
 atis serratis sessilibus decurrentibus grosse et subacutis crenato dentatis, pedunculo elon
 gato sparse piloso, capitulo majusculo globoso, calycibus pilosis, petalis oblongo
 bus dorso margineque sericeo villosis, filamentis gracilibus elongatis, antheris
 oblongis, stylo elongato breviter plumoso, calycis anstis 2 caetens duplo
 longioribus, fructibus breviter obconatis 2]. — Caulis pedalis, folia 4—6 unc longa,

pedunculi spatuliformis, anthracis bis terve majores quam in congeneribus. — Crescit in Cordillera Chilensis.

10. A. CADILLA Hook. fil. 1. c. 269 adn. — Caule prostrato ramoso, ramis ascendentibus petiolisque patentim pilosis villosiusculis; foliis membranaceis subsericeo-pilosis* foliolis late obovato-oblongis obtusis, grosse et subacutis inciso-serratis, laciniis angustatis; pedunculo scapiformi; capitulo globoso; calicibus dense setoso-pilosis; petalibus dorso subvillosis; staminibus 2, filamentis gracillimis, antheris parvis; fructu obconico Mongato parce villoso, setis 4 divaricatis elongatis filiformibus terminalibus; stylo breviusculo gracili sublongo plumoso. 2J. — Nomen vernaculum „Cadiua". — Capitula post anthesin majora et aristae fructus longiores quam in congeneribus. Umi pilis sericeis patentibus villosiusculi. Folia argute iucisa. — Crescit in Chili australi, in provincia Maule.

f Icones addendae.

- A. ASCENDENS Vahl. — (DC. 1. c. 593. — Wlprs. 1. c. II. 43. no. 9. V. 655. no. 2.) — Voy. au Pol Sud (Hot. phan. dicot.) tab. 25. C. — Hook. fil. Antarct. voy. of Terror and Erebus 268. tab. 90. (var. *ft.* foliis minoribus subcoriaceis; caulibus strictioribus) — Ad fretum Magellanicum).
- A. CUNEATA Hook. & Am. — (Wlprs. 1. c. II. 43. no. 6.) — Hombr. & Jacquinot, Voy. au Pol Sud (Uot. phan. die.) tab. 25. D.
- A. LUCIDA Valil. — (DC. 1. c. B93. no. 15.) — Hook. fil. 1. c. 266. tab. 04. Hombr. & Jacq. 1. c. tab. 24. Ag. D.
- A. OVALIFOLIA Rz. & Pav. — (DC. 1. c. 592. no. 8.) — Hombr. & Jacq. I. c. Ufr. 25. fig. A.
- A. PINNATIFIDA Rz. & Pav. (DC. 1. c. no. 5. — Wlprs. 1. c. II. 43. no. 1.) — Hombr. & Jacq. 1. c. tab. 25. Ag. B. o, "
- A. UAHLA Vahl. *) — (DC. 1. C. 803. no. 16.) — Horabr. & Jacq. I. c. tab. 24. fo C. — Hook. fil. Antarct. voy. of Terror and Erebus 264. tab. 93.
- A. SANGUISORJpE Jfchl. — (DC. 1. c. 502. no. 7.) — Horabr. & Jacq. 1. c. tab. 24. fig. B.

6374. POTEHIU?I Linn.

IMffiSi^ II. 594. — Wlprs. liepert. II. 44. — E. Spach, Ann. sc. natur. [3. Ser.] V.

Sectio I. PIMPINELLOIDES Spach 1. c. 33.

Plantae herbaceae aut glabrae aut pube eglandulosa hirsutae vel sericeae, odore aromatico proprio. Caules et rami acutanguli. Flor^{ae} centia (excepta specie no. 1.) centrifuga. Spicae in paniculam laxam dispositae subglobosae vel ellipticae, vel oviales, breves. Fructus reticulatus vel transverse rugosus vel muricatus vel verrucosus, ang^{ulatus} aequalibus. — Species habitu et foliis simillimae.

Subdivisio I. — Florescentia centripeta.

1. P. DURIAEI Spach 1. c. 33. — Fructus marginato-quadriquetere reticulato-rugulosus* Caulis 2-pedalis ramosus erectus, in speciminibus obvis inferne lanato-hirsutus (ut et foliorum inferiorum petioli). Folia radicalia et infima caulina 3—6 poll* 9—17-foliolata. Foliola serrato-dentata glaucescentia, breviter petiolulata, glabra, subtus (saltern foliorum inferiorum) magis minusve adpresse pilosa (glabris Speciminibus non adsunt), foliorum inferiorum 1—1/2 pollicem longa ovalia vel longa vel ovato-oblonga, basi saepissime cordata, superiorum oblongo-lanceolata ininata, basi cuneata vel truncata. Spicae oviales vel ovatae vel subglobosae, lin. longae. Fructus 1—2% lin. longus castaneus vel fuscus vel stramineus, obiter, nuic grossius reticulatus coveolatus ovalis vel ovatus vel obovatus vel conicus obtusus, nunc omnino estipitatus, nunc in stipitulum latiusculum obtusi

*) *Lasiocarpus humilis* Bnks. & Soland m&». hue pertinet.

gustatus — Species haecce fructu omniino *P. ichlyocarpum* Spach refert floresct n
tia dutem centripeta nee centnfuga a conpntneribu6 caeteiis tjustdm scctionis rece
dit — Crescit in umbrosis ftumidiae, prope La Calle

Subdivisio II. — Florescentia centnfuga

A *Fructus marginato quadnqueter, retxculato rugulosus efoveolatus.*

- 2 I* **JIUBEUTHI** Spach 1 c 33 — Foliola supra sparse, subtus dense adpresse
pilosa, aores 1 gym (an constantissime?), stamina sepahs vix lonpiora, fructus
niinutus, in btipitulum comco subulatum attenuatus, angulis an^ustissime marginatus
1— Caulis 1—l'j pedalis erectus hirsutus subsimplex vel parce ramulosus Folia
lufciioia 20—2o foliolata, 3—4 poll longa froliola oblonga vel cuneato oblonga
vel flabelliformia appiotimata subsessilia albido sencea, 3—4 lin longa Spicae
2—4 lut lonac subglo&ae, quasi in racemum dispositae, ramulis stnttis subfill
formibus nudis erectis bepala tubo sub antlicsi duplo vel triplo lon^iora, supra
flavesc< uti t subtus lutescenti vindia, apice sublanatt, plerumque umbonulata Stylus
clavito filiforraais sepalis subtriplo brevior Sti^mata multifida lutescentia brevia
(stylo duplo plusve brevioia) 1 ructus (submatuius) vi\ lincam lonous castaneus,
obiter reticulatus — Crescit in Phry^ia, circa Selenti

- 3 P **DICTYOCALYPTUM** (Spach 1 c 34 — tohold aut utiinque glabra, aut subtus
sparse adpresse pilosa, flores digyni, stamina sepahs multo lonciora, fructus esti
pttitub aut in stipitulum obtusum latiusculum attenuitus, angulis conspicue mar
feiaatub — *P. Sunguoorba* Linn (ex p) — *P. Sangunorbu* et *glaucetcen** Hehb Fl
excurs — *Sanymsorba Gar game a* Ikitol.

cc *virescew*, fha, supra saturate veliaete vindia, vix aut ne vix quidem glauces
centia, subtus subconcoloria vel glauca, saepissime glabernma Fructus pie
rumque la\ e et obiter vel obsolete reticalatus — / V *lujuiborba* Rehb.

@ *gfuueum* fuliola utrmque glauca vel glauce^ is haud ra*o sparse
adpiesbe pilosa I^ ructus dense {rosseque ret A *ylauccscens* Itthb*
— *P. GuealphaUcum* Uonmng.

Caules %— Jpediles erecti vel ascendentes vel runs li 11 Jsi \unl<svel purpuras
Centes, plerumque saltern secus basin mapis minusve lanato Inrsuti (Imo Ions
diusculis), nunc labernmi sicut et rami fohaque lolia radiealia et infima cauli
3 poll ad pedem loiiqa 9—23 foholata, petiolo haud laro lanato lursuto Fohola
breve vel lonouscule petiolulata, fohorum uiferiorum 2—15 lin longi, piofunde
crenato vel serrato deiitta (dentibus nunc reetis, nunc recurvo vtl ineirvo faleatis),
subrotunda vel ovilia \el ovata vel oblonga vel subflabelliformi i, basi truncata vel
1 or data vel euneata, folioium superiorum plerumque etruncata vel cuncita, basi ob
lonoa vel oblonpo lanceolata, acummata vel acuta saepius uiciso serrata Splcae
"lajores %—1 poll lonpae Stylus sepala subacquans Sti^mata, virginca albida
vel lutescentia, dein plerumque rosea vel purucea in flonbus foenuni Is stylo subae
quilon,s a in hermaphroditis saepissime breviora Fructus 1 — 2 (raro J) lincas lon,ub
ovatus vel obovatus vel ovahs vel subfusiformis castaneus vel brunneus vel sti inu
neus vel bubcincreo lutesreus, plerumque estipitatus, nunc sensim vcf abrupte in
stipitulum attenuatus — Crescit in Luiopac austnlis pralis aspens

- B« *Fructui cnUalo vel margmato»quadriquetet, transcene foceolato ntgosus, ul inunca
tits vel verrueosus*

- 4 P **ERIOCARPUM** Spach 1 c 3G — Fructus lanato tomentosus, sub tomento foveo
lato lugosus, laxc muneatus, an^ulis anguste inar,matis. — Habitus, folia et mfo
r<iscentia omiino speciei anteccedentis, cauhs et petioli pleiumque lanato Inrsuti Fo
1a tlauca vel ^laucescentia. (ructus tomento luttsecute vel bubfegrugineo indutub
ovatus vel obovatus vel ovahs vel subfelobosus eblipit itus vel HI stipitulum latuii ob
tu sum modo sensim modo abrupte attenuatus. — *P. Gar gam cum* Tenore, Syll 261.

Creseit in monte Gargano

- 5 **MURICATUM** Spach 1. c. 30. — liuttusglabemmus cribrato quadnquetei foveolato

rugosus muncatus (foveolarum margine acute dentato), cunctis arcuatis, nunquam profunde excisis, saepe integerrimis. — *Pimpinella Sanguisorba minor laevu* C Bauh. — *Poterium Sanguisorba* Linn (ex p) — *Pimpinella Sanguisorba* Gitrn — *Polemonium polygamum* Waldst & Kit → *P. hybridum* N ab E - *P. Garganicum* Tenore (ex p) — *P. agnomaeifolium* Moris — *Sanguisorba minor* Bertol

var *a plotylophiim* fructus cistae latae, haud raro laterum latitudinem dimidiam aequantes — Planta saepissime glaberrima in Ioha nunc utrinque perglaucula vel glaucescentem, nunc supra aut laete aut profunde vincta. Fructus mine est tectus, nunc abrupte in stipitem litum quadnetium — l. lineam longum aistatus, adjectis enstis 1% - 2% in latum, cmUe modo mtegermae, m erosae vel crenatae vel acute denticulatae

p *stenolophum* fructus enstae angustae, plerumque mtegermae. — Saep sicut var *a* glaberrimum. Folia sic etiam colore variant. Fructus pleiani que minoi et parcius munctus, simih modo ludit nunc estipitatus, nunt »u stipitem nugis minusve conspicuum angustatus — Facillime pro distinct* specie habendum, nisi transitiones ciebermae obsessent. In forsani li^bntli i *P. dactyocarpum* et *P. muncati*

Crescit in Europa australiori

- 6 P. MAGTFOUI Spach 1 c 38 — Fructus glaberrimus enstato quadriquetel, dense tuberculatus, tuberculis obtusis, enstas subaequantibus, cunctis profunde et subaequ* liter sinuato crenatis, crassis — Planta habitu, folus et flonbus vix aut ne v\ quid* ab antecedentibus speciebus disceinenda. Vanat caulibus glabris et infine lanato hirsutis vel senceo villosis. Foliola fohoruni lufenorum nunc glabra, nunc utrinqu⁰ vel saltern subtus senceo villosa ov\ta vel cordato ovata vel flabelhformna vel t cu neata basi oblonga, foliorum supeiorum saepissime e cuneata basi oblonga vel oblon^o laeoelaU omnia plerumque longiusculi, — 6 filii longus ovatus vel sphaeroideus vel ovahs vel obintus, obtusissimos, brunneus vel fuscus, dunssimus, plerumque abrupte in crassum basi/truncatum — l. lin longum angustatus — *Pimpinella* ^{San & H. 36} *ajacynor* Magn^P — *Potenum Mauritanicum* p Boiss in Kellaart, Flor. Calp 219.

Crëscit in Mauritania, Hispania tentrah et in Gallia austrah

- i P ALYEOLOSITVI Spach 1 c 38 — Fructus glaberrimus enstato quadnetel, Pj^ funde et late alveolatus, alveolarum maigtibus subintegris vel leviter denticulatis arcuatis subintegerrimis — Antecedentibus similimum, subpedale. nunc glaberrimis, nunc secus basim lanato hirsutis. Folia senato- vel crenatolata glabra gkuesc^ntia subsessilia, foliorum infenorum ovata vel ovaha vel iU formn, basi subcordata vel truncata vel cuneata, supenoium pleiaque oblong lanceolato oblonga, basi cuneata. Fructus 1^ - 3 lin. longus crassus lignosus neus obtusissimus sphaeroideus vel ovalis vel ovatus vel obovatus, saepissime pitem crassum quadnetium % - 1 lin. longum, nunc sensim, nunc abrupte a>tus — Crescit in Numidia, circa Constantmam

C Fructus* obtuse vel obsolete tetragonus, dense verrucosus

- g P VERRUCOSUM Ehrenbrg Cat pi hort Berol 1829 — Spach 1. c. 30. habitu, folus et flonbus vix chwactere certo (praeter fructum) a distinguenda. Eodem omnino modo vanat glaberrime vel hirsutie partium berba simulac fohorum dimensione et forma. Stylus semper sepahs duplo vti vior stigmatibus lutescentibus. Fructus stammeus vel brunneus, 1^ - 3. l. longus sphaeroideus vel ovatus vel ovalis vel obovatus, obtusissimus vel acutiusculus estipitatus, modo abrupte aut sensim in stipitem crassum (% - 1 lin longum) truncatum attenuatus, angulis nunc omnino obsolete, nunc distinctionibus sine ultra tubercula prominentibus, tubercula (verrucae) undique subaequaliter ferU magis minusve inaequalia, rarus subaequalia, plerumque obtusa, cula — *Pimpinella Tingitana minor* Moris. Oxon. Itl. 263. — *Sangu*

tunica Dsf. — *Poterium JUauritanicum* a. Bolss. I. c. — *P. megacarpum* Lowe. — Crescit In Arabia etc.

Sect. II. *AGRIMONIOIDES* Spach 1. c. 40.

Planta herbacea glanduloso-puberula, odore bituminoso. Caules et rami acutanguli. Florescentia centripeta. Spicae corymboso-confertae, per anthesin conico-oblongae, parum elongatae. Fructus minutus longi-Judinaliter nervosus, nervis parum anastomosantibus, angulis aequalibus.

- ⁹ P. *AGRIMONIOIDES* Linn. — Spach 1. c. 40. — Planta 1—3-pedalis, habitu *Agri- moniae Eupatoriae*, plerumque dense glanduloso-puberula, intermixtis villis eglandulosis longioribus plerumque parcis. Caulis erectus strictus, plerumque paniculatus, secus apicem (simulac rami robustiores) corymboso-ramulosus; ramis erectis vel erecto-patentibus, ramulis ultimis strictis subfiliformibus nudis. Folia saepe interrupte pinnata, radicalia infimaque caulina 1—1%—pedalia. Foliola serrato-dentata, utrinque at praesertim subtus glanduloso-puberula, supra saturate viridia, subtus pallidiora, lateralia sessilia vel subsessilia, terminalia longiuscule petiolulata, foliorum inferiorum ovata vel ovato-oblonga vel ovalia vel oblonga, basi truncata vel cuneata vel rotundata vel subcordata, pleraque 1—1% poll, longa, foliorum superiorum plerumque lanceolata vel lanceolato-oblonga acuminata inciso-serrata. Spicae majores demum 5—7 l. longae. Fructus circiter 1 l. longus oblongus vel ovalis vel ovoideus vel subconicus, obtusus vel acutiusculus estipitatus, obtuse tetragonus, dense nervosus, brunneus. — *Pimpinella agrimonioides odorata* Tournef. — *Pimpinella agrimonioides* Moris. Hist. III. 234. — *Poterium hybridum* Linn. — *Poterium agrimoniae-folium* Cavan. — Crescit in Baetica et Lusitania.

Sectio III. *SANGUISORBIOIDES* Spach 1. c. 41.

Planta herbacea hirsuta eglandulosa, odore Caules et rami acutanguli. Florescentia Spicae per anthesin ovato-conicae elongatae. Fructus reticulatus, angulis 2 late marginatis, 2 alternis aneustis.

- ¹⁰ P. *FONTANESH* Spach. 1. c. 41. — Planta erecta bipedalis. Caulis strictus ramosus, inferne hirsutus, rami elongati nudi stricti simplices. Folia caulina plerumque 5—7-juga, petiolo hirsuto. Foliola oblonga vel oblongo-lanceolata, profunde serrata, breviter petiolulata, subtus adpresse pilosa, foliorum inferiorum 10—15 lin. longa. Spicae 1%—1 poll, longae. Fructus immaturus obiter reticulatus. — *Sanguisorba Mauritanica* Dsf. Fl. Atl. I. 142. (excl. synonym. Moris.) — Crescit in Algeria, In sepibus.

Sectio IV. *ANCISTROIDES* Spach. 1. c. 41.

Frutex humilis, caule tortuoso ramoso tereti, foliis subterminalibus confertissimis, ramulis floriferis simplicissimis vel subsimplicibus filiformibus flaccidis subnudis axillaribus. Florescentia centrifuga. Spicae subglobosae breves solitariae. Fructus grosse reticulatus, sensim in stipitem obconicum saepe acutissimum attenuatus, angulis aequalibus.

- ¹¹ P. *ANCISTROIDES* Dsf. Flor. Atl. II. 346. tab. 251. — Spach 1. c. 42.

cc. *Fontanesianum*: caule plerumque brevi; foliolis 4—8 lin. latis.

p. *medium*: caule plerumque brevi; foliolis 2—3 lin. latis.

y. *Tournefortianum* sive *microphyllum*: caule 1% — 1-pedali; foliolis plerisque vix lineam latis. — Crescit in Mauritania nee non Iberia orientali prope Valentiam.

Caulis vetulus digitum crassus lignosus corticatus, inferne nudus, superne petiolis superstitibus, basi imbricatis obtectus, magis minusve ramosus, plerumque tortuosus et decumbens. Folia ad ramorum et caulis summitates confertissima, 5—9-juga,

3—6 poll, longa, petiolo glabro vel sparse villosulo. Foliola ovata vel ovata vel subrotunda, crenata vel serrata deorsum subcoriata glaucescentia glabra, vel subtus sparse pubescentia, basi nunc truncata, nunc rotundata, nunc leviter cuneata, saepe obliqua, lateralia subsessilia, terminalia plerumque longiuscule petiolulata, petiolulus lateralium saepius tomentosus. Ramuli floriferi herbacei annuli, foliis plerumque longiores, macrochaetae aphyllae vel 1 phylli, venosae foliis paucis plerumque 1 vel 3 foliolatis imbricatis. Spithae sub anthesi 2—4 lin latae. Fructus 1/6—2/2 lin longus stramineus subfusiformis vel ovoideus vel conoideus, obtusus vel acutiusculus, obtuse tetragonus, ad stipitulum apicem saepe utrinque foveolatus, lateribus dense reticulatus — *Pimpinella fruticosa* Valentino. Tourn. — *Pimpinella Sanguisorba rupestris* Planch. — Crescit in Mauntani et in Iberia orientali.

f Species excludendae.

P. ANNUUM Nutt. = POTLRIDIUM (nov. gen.) ANNUM Spach.

P. CAUDATUM Ait. = BENGOMIA CAUDATA B. Webb.

P. MINOSUM L. = SARGOPOTERIUM (nov. gen.) SPINOSUM Spach.

•H Species vix nota,

P. VILLOSUM Sbirth, et Sm. Fl. Graec. t. 042.

6379. **CXIFFORTIA** Linn.

(DC. Prodr. II. 595. Wlprs. Repert. II. 44.)

1. CL. RUBRICAULIS Prsl. Botan. Bemerkungen pag. 141. — Folius semiamplexicaulis caulibus tordato ovatis acutis spinoso dentatis palmato multinervis ramisque perternis linearibus, stipulis ovatis mucronatis minutis etc. — Affinis *C. imbricifolia* * *C. cordifolia*, differt praecipue foliis undique (in basi excepta) dentatis. — Canalicula apice rubra — Crescit in Promontorio bonae spei.
2. CL. DUEGEANA Prsl. 1. cit. — Folius semiamplexicaulis lanceolatis spinoso tronitis integerrimis cartilagineo margatis, subtus quinquenerviis, supra laevibus m. illis » pulcherrimis, basi obtusis, stipulis triangularibus anastomosis univerticillatis, petiolum aequantibus, sepalis floris masculis late ovatis atuminatis spinosis mucronatis quinquenerviis. etc. — Crescit in Promontorio bonae spei.

§. 4. **CERCOCARPEAE** Torr. et Gr. — Wlprs. Repert. V. 656.

6381. CERCOCARPUS // B. Kill.

(DC. Prodr. II. 589. — Wlprs. Repert. II. 43.)

1. *C. BETULAEFOLIUS Nutt. — Wlprs. 1. c. 46. no. 2. — Hook. Lond. Journ. Bot. VI. 218. — *Alnus cuneata* Geyer. mss.

§. 5. **EUDRYADEAE** Torr. et Gr. — Wlprs. Repert. V. 65b.

6386. GEO1 Linn.

(DC. Prodr. II. 550. — Wlprs. Repert. II. 46. V. 657.)

1. *G. PANVIFLORUM Commers. — DC. Prodr. II. 553. — Hook. fil. Antarkt. Exped. Terror and Erebus 263. — *G. involucrium* Juss. — DC. 1. c.
2. *G. MAGELLANICUM Commers. — DC. 1. c. 554. — Hook. fil. 1. c. 2b2. — & *Ctenium* Ser. in. DC. 1. c. 551. — *G. Chilomenis* Balbis. — (Repert. II. 47. no. 48)

6389. DRYAS Linn.

(DC. Prodr. II. 549. - Wlprs. Repert. II. 49.)

- I. DR. DEPRESSA Babington, Bot. Zeitung IV. 480. — Sepalis latitudine sua longioribus, apice obtusis rotundatis, basi praemorsis planis recedentibus a *acta* *tola*. 2). — Crescit in Hibernia.

Sufaordo III. *SJPinAJEjlCHAM* DC.

6391. SPIRAEA Linn.

(DC. Prodr. II. 541. — Wlprs. Repert. II. 49. et 914. V. 657.)

- ¹ SP. (*Chamaednjon*) AMOENA Worr. Ann. de la soc. d'hortic. tie Gand II. J81. t. 72. — Frutescens: caule glabro; ramis junioribus pubescentibus; foliis oblongo-lanceolatis acutis, inaequaliter serratis pubescentibus, subtus tomentososo-albidis; corymbis terminalibus bracteis linearibus; sepalis ovatis acutis; petalis rotundatis; staminibus petalis brevioribus; carpellis 5 villosis. ^ — Affinis *S. ceanothifoliae* Horn. — Crescit ?
2. SP. PULCHELLA Knze. Linnaea XX. 60. ❁ — Caule ramisque villosulis fusctis; foliis ramorum floriferorum anguste ovatis, basi subrotundatis, obsolete nervoso-venosis, utrinque villosulis, subtus glaucis, timidio superiore grosse pauciserratis, inferioris integerrimis; *vymis* laxis, rhacibus, pedicellis strictiusculis et calycis laciniis obtusiusculis villosulis; petalis calycem ilim'ulio supurantibus (albidis, demum rubellis), disco lobulato; staminibus inclusis. \) — Affinis *Sp. bellae*. — Crescit in Emodo.

f Icones addendac.

SP. DOUCI ASH Hook. — Van Houtte, Flora dr. Gwchshsr. II. Hft. 1. tab. 2.

SP. LINDLEYANA Wall. — Van Houtte 1. c. II. Hft. 5. tab. 5.

M¹. PUBESCENS Turczan. — Lindl. Bot. Regist. 1847. tab. 38.

Ordo LXXVI. POMACEAE Lindl ^

^Iprs. Repert. bot. syst. II. 53. et 915. V. 660. — M. J. Roemer, Famil. natur. regn. ^v8<t. synops. monogr. III. p. 97—226.— *Rosacearum* trib. VII. *Pomactut* .hivs. — DC. Prodr. II. 626.)

6342. PVRUS Lindl.

(DC. Prodr. II. 633. — Wlprs. Repert. II. 53.)

- ¹. P> GLABRA Boiss. Diagn. plant, orient, nov. VI. p. 53. — Ramis cortice cinerascete vestitis, ramulis patulis abbreviatis; foliis glaberrimis, petiolo iis timidio brevioris butfultis elliptico-lanceolatis, basi subangustatis rotundatis, superne longe attenuatis brevissime mucronulatis venulosis integris; corymbis sessilibus 5—8-floris ^olia non aequantibus; pedunculis parce puberulis demum glaberrimis; calycis tubum pimum pube&ceite, demum glabrato, limbo glabro profunde in lacinas triangulares attenuato-acuminatas, margine ctliato-puberulas diviso; petalis albis ovato-rotundis obtusis cucullatis, basi non unguiculatis, calyce duplo longioribus. ""^ — Crescit ad fontes montis Kuh Barfi prope Scliraz in Persia.

- ². *P. CUKEIFOLIA Guss. - (Wlprs. 1. c. no. 1.) - Visiani, Flor. Dalmat. II. t. 38.

6347. COTOXEASTER Medicus.

(DC. Prodr. II. 632. — Wlprs. Repert. II. 56. V. 661.)

- ¹ * ^c ROSEA Edgwrth. Transact, of the Linn. soc. XX. 46. — Foliis ovatis, basi obtusis > junioribus araneoso-lanatis, demum glabratis, nervis et margine tantum pilosis; ^cyniis paucifloris; calyce extus lanato, demum margine excepto glabrato. ""^ — Rami ^cretes purpurei, juniores lanato-sericei, demum cuticula membranacea squamosa ^ccorticata glabri. Folia petiolata subtus glauca, stipulae oblique lanceolatae acutae

6cariosae caducissimae. Cymae axillares terminalesque parviflorae, pedunculi⁴-serieo-tomentosis, demum glabris, bracteis lineari-lanceolatis tomentosis caducu*. Calyx lanatus, demum margine excepto glabratus, laciniis obtusis, intus glabris. Petala^U rotundata, margine crispata rosea. Stamina glabra, filamentis basi dilatatis. Ovarium dense lanatum. Styli 2 glabri. — Affinis *C. I axiflorae*. — Crescit in Himalae sylvis.

2. *C. BUXIFOLIA* Wall. mss. ex Wght. Icon, plant, tab. 992. et Spicil. Neilgherr. I. 53. tab. 63. — Fruticosa erecta ramosissima: foliis ovalibus v. subobovatis apiculatis, supra glabris, infra tomentosis; corymbis paucifloris, pedunculis calycibusque tomentosis. 1) — Crescit in India orientali ad Oatacamund.

6350. *PIIOTINIA Lindl*

(DC. Prodr. II. 631. — Wlprs. Repert. II. 56.)

1. **PH. NOTONIANA* Wall. — Wlprs. 1. c. 57. no. 9. — Wght. Icon, plant. 991. et Spicileg. Neilgherr. I. 53. tab. 64.

6352/1. *PTEROSTEUIOtf S. Schauer.*

(S. Schauer, Linnaea XX. 736.)

Hypanthium turbinatum costatum, inferne germen innatum fovens, superius productum in limbum liberum continue in calycis foliola subulata acuta abeuntem. Corollae petala 5, limbo hypanthii inserta, calycis phyllis alterna. Stamina 10, in margine disci vix conspicuam paginam internam limbi hypanthii vestientis inserta erecta aequalia? petalis breviora, externa 5 s. sepalis opposita superne subpetaloideequalata, apicc subtridentata, dente medio antherifero, interna s. petaljs opposita subulata ananthera. Antherae dorso insertae introrsae, locul^S distinctis in connectivo dorsali mucronato oppositis, rima lateral! hiante dehiscentibus, ut anthera effoeta 4-alata appareat. Germen 5-locularc, loculis 4—5-gemmulatis, gemmulae in angulo centrali basifixae erectae anatropae; stylus basi simplex, apice 5-fidus, radiis tamen conglutinati[^] quo- stigma^Y idetur integrum subcapitatum 5-crenatum. Fructus ration gerininis vix mole auctus, fere siccus, duplici perianthio androeceog[^] emarcidis coronatus, septis membranaceis diruptis semine unico p^{Bil} T⁰⁸¹ cisse repletus. Semen erectum, testa cartilaginea; embryi exalbumin radícula infera.

1. *PT. MEXICANUS* S. Schauer I. c. ☼ — Frutex ramosissimus: folia alterna brevi^{3:c} petiolata obovata, basi cuneata acute dentata, infra canescenti-pubescentia; stil^u exiguae subulatae; (lores carnei (?)) in cymas subcorymbosas axillares dispositi* Crescit in Mexico ad Zimapan.

6353. *CR4TAEGIS Linn.*

(DC. Prodr. II. 626. — Wlprs. Repert. II. 57. et 915. V. 661.)

- I. *CR. nRKVISPINA Kn/e. Flora (H. Z.) 1840. p. 737.* — Breviter spinosa: iou^g glulir^M cllit.ife <iliov.itim, l>.isi an^u^tuti^M t-uu<*atisvu, apice rotundatis, serrat^ll^S B^S sis tribus seu quinque; ramulis pedunculisque corymbosis glabris; calycis /^{3:c} triangularibus obtusis ciliatis; floribus mouogynis; drupis. . . . ? \) — Cresci^t collibus et inter sepcs circa oppida Algesiras, Gibraltar, San Roque, et in P^a infima Sierrae de Palma in Hispania.

Ordo LXXV^m COMBRETACEAE R. Br.

(DC. Prodr. III. 9. — Wlprs. Rept. bot. syst. II. 60. et 930. V. 661.)

6076. TERUINAIA Linn.

(DC. Prodr. III. 10. — Wlprs. Rept. II. 60.)

- ¹ T (*Catappaf*) CICATRICOSA Boiss. Diagn. plant. orient. nov. VI. p. 54. — Ramis crassis abbreviatis, superne tomento brevi rufescente velutinis, cortice sulcato tectis, tota longitudine foliorum p. n. delapsu valde circatricosus, cicatricibus magnis rotundis margine elevato acuto cinctis concavis, fundo umbonatis, foliis ad ramorum extrum utem confertis magnis obovatis in petiolum brevissimum attenuatis integerrimis, apice rotundatis obtusis vel obsolete mucronatis, superne sub lente pustulato elevatis, subtus breviter pubescenti velutinis rufescentibus nervosis, petiolis eglaudulosis nervisque mfescenti velutinis, pedunculis inter axillas foliorum terminatum us brevioribus spicas flonferas simplices laxiusculas ferentibus rufo velutinis, flonhus sessilibus basi bracteola minima hneari lursuta stipatis, inferioribus hermaphroditis, ovario elongato laenaeformi donatis, supenorum masculorum ovaiio brevi tenui pedicelliformi, calycis tubo dense rufo velutino, limbi parcius hirsuti, extus rufi, intus lutei lobis triangularibus, toro densissime barbato, drupa. . . . ? f) — Jolia 7—8 poll longa, 3% poll lata. — Crescit in Persiae australis insula Kischma.
- ² T. (*Myrobalanus*) ATTENUATA Edgwrth. Transact. of the Linn. soc. XX. 46. — Folius ad apicem ramulorum confertis petiolatis obovatis obtusis, basi attenuatis glabris, flonbus masculis sessilibus tjj — Arborescens magna. Folia ad apicem ramulorum ferrugineo tomentosorum spiraliter confertis disposita obovata, basi attenuata, apice obtusa, utrumque glabra, minute punctata, petiolis bispandulose (jullioribus) pubescentibus. Spicifera axillares pendulae multiflorae, foliis breviores. Flores inferiores hermaphroditici, superiores masculi, omnes sessiles. Calyx extus tomento, limbo < jatlufornn, intus basi dense villosus, lacinus revolutus, intus subglabris. Stamina erecta, calycis lacinus longiora. Antherae rotundae. Stylus simplex subulatus. Fructus ovatus. — Crescit in Himala ad alt. ped. 3—4000.

6077. PEXTAPTJERA Rxb.

(DC. Prodr. III. 14. — Wlprs. Rept. II. 62.)

- ¹ P. TRIPHYLLA Prsl. Botan. Bemerk. pag. 142. — Ramis, petiolis, pedunculis calyceque tomentosis, foliis ternato verticillatis oblongo lanceolatis obtusis, basi angustatis, spicis cylindratis axillaribus paniculatisque terminatis, bracteis fietaceis, flonbus hermaphroditis. — Crescit in India orientali.

6084. LOIMTZERI Willd.

»C. Prodr. III. 22. — *Brugmena* Pet. Th. — DC. 1. c. 23. — Wlprs. Rept. II. 63.)

- ¹ L. COCCIVEA Wght et Are. Prodr. fl. pemns. Ind. or. II. 316. adn. — Folia ad apicem ramulorum irregulariter aggregata, subsessilia cuneiformia, basi in petiolum brevissimum attenuata, obtuse crenata, saepe subintegerrima, glabra crassa carnosa subtubavenia, stipulae nullae, racemi simplices breves terminates subcurymbosi, (lores micellati aggregati, bractee gemmae parvae acutae, ad basin cujusque floris, calyx; superus quinquefidus, segmentis erectis crassis obtusiusculis, corolla 5 petala, petalis patentibus calycem duplo excedentibus acutis, stamina 5—10 erecta calyce duplo longiora, filamentis rubris subulatis, antheris oblongis purpureis medifixis. Ovarium uniloculare. Bacca v. drupa subcompressa obtuse angulata, calyce crasso

persistente apiculata, nuce oblonga prominulo-biangulafa monosperma. **Semina** exalbuminosi cotyledones convolutae. — *Pyrrhanthus littoreus* W. Jack, Malayan misc. II. 57. — McClellands Calcutta journ. of nat. hist. IV. 337. — Wall. Cat. no. 4018. — Ab incolis Malaccae appellatur *Jliri-batUy* a Sumatrensibus *Kayu-Api-ap**' — Crescit in Malacca et Sumatra.

6087. **COJIBRETCTOI** *Locfl.*

(DC. Prod. III. 18. — Wlprs. Re-pert. II. 05. et 915. V. 6G2.)

1. C. LEPIDOTUM Presl. Botan. Bemerk. pag. 142. — Squamis avgenteis lepidotuffl' ramulis tetragonis, ad nodos incrassatis; foliis oppositis petiolatis oblongo-lanceoU' tis obtusis, basi angustatis; spicis axillaribus solitariis pedunculatis simplicibus ranio- stsque folium aequantibus; calycis laciniis ovatis. *t*) — Crescit in Indiae orientaf⁸ provincia Martabania ad Maulmine.

Ordo LZXIX. VOCHTSIACEAE Mart \$Zucc.

(Wlprs. Repert. bot. syst. II. 68. & 915. V. 603. — *Vockysiae* St. Hil. — DC. Pr¹¹ IH. 25.)

6070/i. **I.IGIITIA** *Schombryk.*

(Schomburgk, Liunaea XX. 737.)

Sepala 5 basi in tubum hrevem ronnata, 2 exteriora paulo minora* Pelala 3 ad apicem tubi calycis inserta, aestivatione imbricata, obov»^{ta} unguiculata. Stamina 5, valde inaequalia 3—4 antherifera, !J — 1 »ⁿ anthera. Filamenta cum petalis inserta, basi breviter et inaequalH^{er} connata. Antherae ovali-oblongae. Ovarium in fundo calycis sessile liberum obliquum trilobulare, ovulis in quoque loculo geminis, axi I*^{er} teraliter affixis. Stylus elongatus, apice dilatato stigmatifero. Caps[^] oblonga septicide trivalvis. Pericarpium maturitate ab endocarpio^{so} lutum, valvulis *subfoliaceis acuminatis integris. Endocarpium cartilag¹ neum, valvulis breviter bifidis axin columnarem seminiferum in cente⁰ fructus nudantibus. Semina ignota.

1. L. CiUIANENSIS Schombrgk. l. c. 737. f — Arbor 30 — 40-pedalis: folia altern»^{v#} rarius Irinc inde opposita breviter petiolata ovata v. obovata (5—8 lin. longa) ^{^e} gerrima calloso-apiculata, infra cano-tomentosa, supra glabra vel araneosa; sti^{uit} lanceolatae extus tomentosae deciduae; racemi terminates brevissimi 4—(i-flori; 1)⁰ la pallide coerulea. — Crescit in Guiana Britannica.

Ordo LXXXL OENOTHEREAE Endl.

(Wlprs. Repert. bot. syst. II. 72. et 915. V. 664. — ONAGRARIAE Juss. — DC. Prodr. III. 35.)

Tribus I. JUSSIEUEAE DC.

6109. **JUSSIEUA** *Linn.*

(DC. Prodr. III. 52. — Wlprs. Repert. II. 72. V. 664.)

1. J. MICRANTHAKnze. Del. sem. hort. univers. Lips, anno 1847. collectorum. [^] erecto ramoso ramulisque alternis remotis, ioaequaliter alato-quadrangulis, ^{in p} scabriusculis; fullis alternis remotis ovatis seu laneeolatis subacumioatis, bast

tiolum brevem longe attenmtis supra impresso , subtus elevato venosis maigme pu l'tstentibus, subtus pdllidionbus petiolorum basi, ramulis ultimis calyceque sparsim fusco glandulosis squamosisve, flonbus axillanbus solitarns ebrateolatis, calycis florifcn lacinus lanccolato acuminatis uninervus (tuboque) scabro puberubs tubo plus duplo brevionbus, petals calycem aequantibus ovatis, bdsll attenuatis (flavis), <-apsuhs cylindiiitis, basi subattenuatis pubeiulis 2J. — Pioxima *J subramosa* Jacq fil diffeit petal is oblon0is, tapsulis tetragonis et glabntie Petala 4, stamina 8. — Crescit in Surinam

- ² J VELUTINA Kn/e Linnaea XX 56 i — Herbacea caule erecto angulato stnato rimisque nitide albo velutims divergenti villosis , folus lanceolato oblongis, breviter acuminatis basi in petiolum brtvissimum attenuatis integeirimis ciliatis, utnque lur ttllis, (Ignitus subscsilikus ebiacteolatis, calycis lacinus ovatis acuminatis 5 — 7 ucrvus tubo folio plus duplo brevior subcylmdnco, basi attenuato, 4 neivio villosio, p talis obovatis apice retusis venoso stridtis, calycc longioubus , capsulis subcylindr tisaspero hirsutis obtuse octangulanbus 2J. — *J fnrtae Y*h* proximavidetur, cault fiutescente, cajuys tubo obcoiuco subcylmdiacco ovato petdlisque non retusis distiu feuenda — Ciestit in Brasilia intcnore
- ³ J. INHUIUTIANI Pisl Botan Bemtrk. pag 70 — DifTert a *J rcpente* folus oblongo lanceolati obtusis, utnque mtiduhs, pedicellis calyctis longitudine (folio dimidio l'»b*) i caljcis tubo capsulaque teretibus, supra medium bitallosis, undique glabns, l >bis cal^tinis quinque lanceoldtis atutis, apitem vei&us hirtellis *NI* — Crescit in ~~insula~~ *St* Mduntu.

6110. 'tLDMIGIA *fi.ib.*

(DC Prodr III 38 — Wlprs Rtpert II 74)

- ¹ * L PIIOSTRATA llxb — DC 1 c 59 no 8 — W&ht Icon plant tab 762

. 6115 OENOTIERA *Linii.*

(DC. Prodr. HI 45 [excl sect 1] — Wlprs Repert. II 7J)

- ¹ OE. (*Chylnmia*) CLWAErORMIS Torr & Fiemond, Bot Zeitung 1847 col 42 — Hlus ovahbus v oblongis dentatis v denticulatis, infia peniunerviis, petiolo lon., nudo, ptdunculis 8 — 12 flons, folus nonnullis par vis intermixes, calycis Uciniis tubo lon_sioribus, capsula cla\ato cylmdnca, pedunculo subduplo lon0ioie, iloiibus »Ucs *Oe pumdae* atquantibus — Crescit in California
- ² OE (*Fuoenotfira*) DELIOIDES Toir & Tremond 1 c — Affinis *Oe Jamesn*, annua, ^Anescenti stn_illiosa cault humili stucto, folus rhombeo ovatis sinuato denticu Mis atutis, flonbus mi_oms confeitis teiminalibus, calycis tubo stamunbus levitei QtQtxis fere duplo lon_siore , anthens lon0issimis medifixis, capsula prismatito cylindnca O 1 — Crescit in California
- ³ OE IASMANICA Hook fil Lond journ of bot VI 475 — Caule procumbent va_0e ramoso puberulo, ramulis pi ostratis ascendentibus, folus oppositis altermsqui sessihbus luiean oblougis obtusis, margint crispito dentatis ^lubernmis, Qoribus axillanbus sohtdrus, antheris brtviter oblongis, sti_smate flavato, capsuld tylyndra teo tetiagona, valvis luieinbus , stmuubus alatis 0 1-* Speties humilis, exemplari bus Clulensibus *Oe dentatae* habitu simillima Rami 3 — 5 unciales graciles I¹olia a — ⁿli poll, longa tapsulae puberulae subvalidae lineari oblongae, folus lon Mores sessiles Florts purpurei — Crescit in Vandiemens Land ad Mailborough
- ⁴ OE GUTTULATA Geyer mss ex Hook Lond jounin of bot VI 222 — Subcanc b^{ctus} suffruticosa caespitosa, e basi praecipue ramosa ramis gracihbus ascendentibus hunc ramul >sis, folus approximate oblon0o lanceol itis remote dentatis erectiust ulis, floribus axillanbus solitarns mrjuscuhs sessilibus folio duplo triplove longionbus (oy ano elliptito, tubo cal)Cis subduplo brevion, petalis (roseis maculosis) lateobcoi d^{atls?} sti^mate tiuciatim quadupaitilo 2L — Crescit in Amenta septentnonali (Up P^P1 attle)

5. OE. (*Gauropsis**) CANESCENS Torr. & Fremond, Bot. Zeitung 1847. p. 42. — Strigilloso-canescens: foliis anguste lanceolatis obtusis remote denticulatis; racemis foliosisj calycis tubo gracili ovario triplo longiori, laciniis tertia parte superante; petalis late ovatis integris. 2λ — Crescit in California.

Tribus IV. FUCHSIEAE DC.

6125. FUCHSIA Plum.

(DC. Prodr. III. 36. — Wlprs. Repert. II. 94. et 915. V. 666.)

1. F. TETRACTYLA Lindl. Journ. of the hortic. soc. I. 304. — Tuberosa graciKs subherbacea, leviter pubescens: foliis oppositis obovato-oblongis longe petiolatis, ob venas laterales immersas subbullatis; pedunculis axillaribus solitariis uniiloris^ petiolorum longitudine; ovario sphaerico; floribus hermaphroditis; calycis lacina^ triangularibus patulis, petalis oblongis obtusis planis brevioribusj staminibus bre^ vissimis; stylo piloso, stigmatem maximo tetradactylo. t) — E sectione *Endia** *dra*. — Crescit in Guatemala.
2. F. MACRANTHA Hook. Bot. Mag. t. 4233. — Ann. de la soc. d'hortic. de Gand fl» 289. tab. 76. — Apetala fruticosa pubescens: foliis ovatis acutis integerriniis; p^ dunculis axillaribus solitariis vel aggregate unifloris; floribus pendentibus; calycis tubo longissimo subcylindraco, superne sensim latiore, limbo quadrifido. laciniis late ovatis erecto-patentibus; staminibus tncclusis; ovario elongato-turbinato quadrisul^ cato; stylo exserto, stigmatem capitato. 2J. — Crescit in Peruvia.
3. F. ACYNIFOLIA Schwlwr. Aligem. Gartenz. XV. p. 226. — Ramis hirtellisj foliis oppositis petiolatis ovatis, utrinque acutis, antice deutatis, margine ciliatis, supra pl^ losiusculis, subtus glabris; pedicellis axillaribus erectis, flore duplo longioribus; caly^ cis infundibuliformis lobis ovatis acuminatis; petalis emarginatis; genitalibus ind»^ sis. Flores rosei albo-variegati. ^ — E sectione *Breciflorarum*. — Crescit in Mexi-co.

Ordo LXXXII. HALORAGEAE R. Br.

(IXTTprodr. III. 65. [ex parte]. — Wlprs. Repert. bot. syst. II. 98. V. 671.)

6135. ITIYRIOPJIYIXOI VailL

(DC. Prodr. III. 68. — Wlprs. Repert. II. 98.)

1. M. PEDUNCULATUM Hook. fil. Lond. journ. of bot. VI. 474. — Parvulum dioic^ •el (rarius) monoicum : foliis oppositis vel ternis linearibus subacutis integerrifl^ fl. masc. longe pedunculatis, pedunculo basi bibracteato; sepalis ovatis apice irr^ lariter dentatis; petalis lineari-elongatis cymbiformibus; staminibus 8; fl. foem<^ pellis subsessilibus in stylos recurvos longe plumoso-stigmatiferos desinentibus, turis tuberculatis. 74 — Caules 2—3-unciales, basi ramosi. Folia sub- % unc. lo»8j % Im. lata. Fl. masc. primum sessiles, demum elongato-pedicellati rufi, f^ minimi. Carpella parva breviter pedunculata. — Crescit in Van Diemens Land.
2. M. TITIKAKENSE Remy, Ann. des sc. natur. (3. Ser.) VI. 352. — Caulibus «d^ dos radicanibus, apice divis; foliis quaternatim verticillatis, capillaceo-p^mnatise^ 6upremis caulium fertilium ellipticis integris vel vis. denticulatis. 2J. — Sumin>^ plantae tantum visae. Caules natantes laeves. Folia caulina unum circiter p^ longa, capillis siccitate rigidis compressiusculis, basi in angulo supero puncto a^ cente notatis. Folia floraiia indivisa elliptica crassiuscula glabra obtusa Integra

*) Herbae perennes diffusae: tubus calycis linearis, captula obovata se*s il^ appu^ Us quadrialatis, nullis costis intermediis, serius aperta, semina nnumerosa bori^o^ testa membranacea. Folia opaca.

vix dentata confertiora pinnatinervia. Flores ad axillas follorum superiorum monoid; masculi . . . } foeminei bracteis duabus crenatis oppositisque fulcrati. Ovarium quadriloculare, loculis uniovulatis, ovulo anatropo pendulo. Styli quatuor breves. Stigmata crassa villosa. Fructus quadricoccus. — Herba habitu *M. pectinati*, foliis Irmersis semper capillaceo-pinnatipartitis sterilibusque. Habitat lacum Titikaka.

6135/^\ PELOTF ASTES Hook. fil.

(Hook. fil. Lond. Journ. of bot. VI. 474.)

Flores monoici bibracteolati, masculii terminales solitarii vel pauci, aggregati. Sepala 4 concava. Petala nulla. Stamina 2 vel 4, antheris breviter oblongis. Fil. foem. axillares. Calycis tubus ovario accretus, limbus nullus. Carpella 4, apice glanduloso-stigmatifera, ad medium coadunata, deinde libera, caetera ut in *Myriophyllo*. — Herbae Australisae pusillae subcarnosae aquaticae glaberrimae. Folia undique alterna linearia. Flores minimi, foeminei plurimi solitarii, axillares, masculi pauci terminales, omnes breviter pedicellati.

* P. INTEGRIFOLIA Hook. fil. 1. c. 473. — Foliis integerrimis, inferloribus elongatis truncatis; sepalis integerrimis j carpellis laevibus; staminibus 2. Q ? — Herba pubescentia 1-2-uncialis, parce ramosa, caule basi crassiusculo. Folia inferiora 1/2 — 1 unc. longa anguste linearia, superiora breviora. — Crescit in Van Diemens Land ad Mequarrie river.

² P. TUHERCULATA Hook. fil. 1. c. 474. adn. — Foliis integerrimis marginibusve lobulatis } carpellis verruculatis } sepalis apice eroso-dentatis j staminibus 4. Q ? — Crescit in Nova Hollandia ad Swan river.

6136. SERPICIFOLIA Linn.

(DC. Prodr. III. G3. — Wlprs. Ueprt. II. OS)

¹ * S. HIRSUTA Wght. & Am. — (Wlprs. 1. c. no. 3.) — ^ g h t. Icon. pi. tab. 1001.

6138. HALORA » IS For St.

DC. Prodr. III. 68. — Wlprs. Reprt. II. 99. V. C72. — *Goniocarpus* Koen. — DC. 1. c. — *Cercodia* Murr. — DC. 1. c. 67.)

¹ * H. OLIGANTHA Wght. & Am. — (Wlprs. 1. c. II. 99. no. 2.) - Wght. Icon. Plant, tab. 1061.

² H. ELATA Hook. fil. Lond. Journ. of bot. VI. 475. — Erecta ramosa hispido-scaberrima: foliis brevissime petiolatis ovatis acutis grosse argute serratis, utrinque scabriusculis, racemis foetosis; calycis segmentis ovatis acutis, petalis linearibus quadruplo brevioribus; fructibus subglobosis pallidis 8-costatis undulato-tuberculatis punctulatis. 2j. — Caulis bi- tripedalis erectus rigidus scabridus, superne ramisque pilis patulis hispidus. Folia 1/2 — 1 unc. longa ovata subsessilia vel brevissime petiolata. Flores ad apices ramulorum in racemos foliosos dispositi, dioici? petalis 1/2 unc. longis. — Fructus parvus pallidus, vix vernicosus rugosus. — Crescit in Van Diemens Land.

³ B. MONTANA Hook. fil. 1. c. — Caule basi suffruticoso divaricatim di-trichotome ramoso; ramis suberectis, parce strigoso-subhispidis; foliis coriaceis sessilibus ovatis subacutis serratis, utrinque glaberrimis; floribus subelongato-spicatis sessilibus* petalis breviusculis; fructibus globosis 8-striatis verrucosis. 2j. — Caules basi nudissimi rami foliosi. Folia uniformia, patula vel recurva, late ovata, coriacea sed non rigida nee aspera, 1/3 unc. longa, pallide viridia subsessilia. Spicae floriferae ensae foliosae, fructiferae elongatae 1 — 2-unciales validae erectae, foliis floralibus cincta parum longioribus vel aequilongis. Fructus sub- 1/2 unc. longus. — Crescit in Van Diemens Land, Western mountains.

6139. LOIDOMA Lindl.

(Wlprs. Reprt. II. 100.)

¹ * L. BEHRH Schlecht. Linnaea XX. 648. f — Floribus hermaphroditis; calycis tubo

diptero, petalis duobus, stammibus feilibus quatuor 2j.? — A *L. aurea* Lindl dif fert ilonhus quidem bermapbroditis, sed calycis tubo tetraptero, petalis quatuor et stunnihub f» rtilibus otto , a *L. Itoei* (*Gluchrocaryon Roll fendl*) flonbus diuicis (mast iguoti), calycis foeimnei tubo tetraptuu, coiolla nulla, btamimbus 6terilibu duodecim. — Cresut in Nova HolJandia australi.

6139/2. OLNERA Linn.

(Wlprs. Repert. II. 100. V. 672)

- *G. (*Misandra*) MAGELLANICA Lam. — Hombr. & Jaquinot, Voj. au PolSud. (Hot phan. die) tab 31. fig a. — Hook Antai rt voy of Tenor and Erebus 274. — *G> Falklandica* Hook. — (lepert. II. 100. no. 6) — *Dysemone tntegnfolia* links. * Soland mss.
- G JORAIHook fil 1 c 274. — Dloica caule repente radicante, petiolis rufo pilosis , folus rotundatis profunde 5 — 7 lobis coiiaceis, nervis subtus pilosis, lobis io tundatis obtusis integerrimis, mdr*, inibus obscure cihatis, stdiniubusspicdto racemose antheris Jate oblongs 2\ . — Caules simpliciusculi elon^ati, 3 — 6 unc longi valid' crassitie pennac corvmae, giaberrimi suban^ulati, fibras plurimas crassas valde eloi gatis emittentes, versus apitem reliquus srjuamosis stipularum vetustarum obttd Petioh ^ — 1 unc lon., 1, pilis rufis subscanosis tecti, basi in stipulam vagin mtei dilatati Lamina % — % unc lata viudis, subtus palhdioi Pedanculus extniplan masculi % UILL lun,us, iac<*niuin parvum staminum feciens Anthei le lute tt - *Dysemone lobata* links. & Soland. mss. — Ciescit in Iltriuite Island, Cape Horn

Ordo LXXXIII. LYTHRARIEAE Juss.

(DC. Prodr. III. 73. — Wlprs. IUptit. bot. s^st II. 101. tt 916. V. 07J.)

6144. PEPLIS Linn.

(DC. Prodr. III. 76. — Wlprs. Repert II. 101)

- P. HISPIDULA Durieu, Revue botanquell.431, — Erectasimplex vel parum ^{1.4200*} baud radicans folus sessilibus, mferioribus oppositis oblongo-lineanbub, superior^ hns approximate altenu ellipticis oblon^isve, flonbus axillanbus solitarus subsessil>^u# brevisime bracteatis, calyciscyhndiacei dentibus interionbus deltoideis, exterio JitU# dimidio brevionbus conicis, capsula mclusa cyhndracca, stvlo brevisuperata, stii*0*# crasse hemisphaento, dense papilloso hirto. 0— Herb a humilis tenera, caule fil^ul># quadrangulo calycibusque hirtelhs. Folia maigine passimque dorso hirtelh, ^ cie ^ la bernma. Florum subsessilium bractee setaceae, calycis partem quartam, P^01. a vix octavam longae. Dentes calycim 10 — 12. Petala b vel pauciora minima s rotunda flammea. Filamenta tot quot stamina inclusa, supra basin tubi cal^cim i sarta. Capsula calycem subaequilonga, in dentes 4 apite dehiscens Semina (* 0# cierum omnium affinium) obovata glabernma laevissima rufa, lime plana, iH^nc # vexa, cotyledones cordato subrotundae, longitudine radicae in ellipsem increfi # — Crescit prope Oran in uliginosis exsiccatis.

6151. CUPHEA Jcq.

(DC. Prodr. III. 83. — Wlprs. Repert. II. 105. V. 674)

- C. MINIATA A. Brongn. mss. in Van Houtte, Fl. der Gwchshsr. II. Hft. I * a ^ Caule erecto, ramis virgatis hispidis, folus subsessihbus ovatis nitegerrimis, utfi # luitis aspens, flonbus apice ramorum lacemosis uno latere versis, extiaax>Ha # 6e&silibus soli tains, cal^ce duodecimcostato hirto cyhndnco, gibbo dorsaU paH # tabs duobus subrotundis undulato cnspis, stammibus undecim, tnbus 10 # g # f gldbrw stjrlouque exsertis, octo dense villosis subinclusis. 2j. — Paxton * MB

hot. 1847. p. 101. (c. ie.) — Affinis *C. Loweanae* DC. & *C. barbigeræ* Hook. — Crtsut in Mexico.

- * * PULCHKA. Monc. PI. nouv. d'Aménque 168. ♀ t. 80. — Caule frutnoso ramosis-
finio pubescente, folis sessilibus ovato Janceolatisacutis, basi subcoidatis pubesien-
tibus, racemis termuialibus, flonbus apetalis, caljcibus pubescenti glutinosis duode-
cimstnatis, stamiuibus 10—12 ad faucem tubi, filamenta brevia basi lanata. \) —
Crescit in Serra Jacobina in Brasilia.

f Iconcs addendae.

- C< CORDATA R/. & Pav. — Van Houtte, Flora dr. Gwchshst. II. Hft. 3. tab. 8.
C MLENOIDES N. ab E. — Ann. de la soc. d'hortic. de Gand III. 57. tab. 115.
* SIRIGILLOSA Bnth. — Lindl. Bot. Regist. 184G. tab. 14.

6164. 11 GERSTROEMIA Linn.
(DC. Protr III «3. — Wlpris. Rupert. II. 114)

- 1 * L. ELEGANS — P ixtion, Magaz. of bot. 1847. p. 2ff9. (c. ic.)

- ¹ L. (*Adumbca*) TOMENTOSA Pr&l. liotan. fiemer. pag. 142. — Folils oblongo lan-
uolatis acumina^tis, basi rotundatis, jumorihus subtus petiohsque pamculaque cal->
(iliusque albo tomcntosis, caljcis longitudin.ilitur sulcati lacinus ovato tngulari-
ri>us .tcutis reflexis, petalis orbiculatis undubtis. /) — Crescut in Martabama ad
M tulniinc.

6164/!. PTEROCALYWMA Turczan.
(Tuiczau. Bullet, de Moscou XIX. 508.)

Calyx crassus, tubo turbinato limbo sexpartito, laciniis marginibus
* Jnedio ad basin aldtis, alis in tubum et pedunculum decurrentibus. Petala
6 breviter unguiculata obovata, paulo infra sinus affixa. Stamina exserta
n^ niosa uniserialia, infra petala sita. Ovarium liberum subglobosum
6.4 calare, ovulis centro affixis. Stylus exseitus filiformij*, stigmate
^15t incrassato terminatus. — Frutex sex arbor Lu^onien&is.

- P^ PANICULATA Turc/an. 1. c.— Genus cum *Lagerstroemia* in omnibus convenit
P^raeter alas calycinas, sed hie solus caractei, tam tlius toto tempoe (loratioms,
3^ni sufficit ad separandum. Ovula compr^ssa nullo modo alata, semini nntun
'6>ot4 tiute\ seu arbor: folis inferlonbus alteims, supenonbus oppositib o\ ilo-
lan^ceolatis, basi angustatis, apice in acumen obtusum pioductis glabns penninerviis,
racemis axillanbus pamculam terminalem formantibus, pedicelhs incrassatis cum
cst^ve confluentibus, — Crescut in Lu^oma msula.

Ordo LXXXV. HELASTOMACEAE A. Br.

(DC. Prodr. III. 99. — Wlprs. Repert. II. 117. et 916. V. 676.)

Subordo I. MEMJASTOMEAM Scr.

Tribus I. LAVOISIEREAE DC.

6171. CHASTE\A ^ 1 DC.

(DC. Prodr. III. 102. — Wlprs. Rê^fe. *II. 117. V. 677.)

- ¹ ^ C H. MERIANIAE DC 1. c. — Deless. Ron. pL select. III. 1. tab. 2.

6171A. SCIIWERIMA Karsten.

(Karsten, Ausw. neuer GewcUse. Venezuelas Hft. I p. 12. tab. 4.)

- petg] Flores pentameri. Calyx tubo turbinato libero, limbo quinquefido
st^nte, laciniis sub apice mucronulath, utrinque membranaceo-mar-

glnatis. PethU qiiinque obovntn, paionia pnrpuran. Stamina At
 ae jtiHa, illamenta li^ulali cJudiiuUx; »iLh<raG muporoAitL', «onnc
 loxigo KIRSTUM prgtltuU imd<. Oviirium giobosum Jibrum, mrpidin
 pill in mUrpimia, verttcc nut! um , dteemeMtattUB <jum<|uclimilarc, J
 pJtirimn anatra^a, placnlij bculuruzi aijgulo MDtlwl tEhril *til*
 Lnseltn. Stylus itcurrntus dceicJuus. .Siigina simplex, Camula calyx
 veatiu mbgloboia qubujaeloelarij, cirpHLi fepatti tntepesil
 contain. Int'uliciile dciim-rns, ptucctitU b<ji dilAtatls, axi centra li
 ti«, loculomin cvnrtim occupimtihiM, ui^iipio MolnititU tcttb. Semina
 pmnmioi ^MtAn-MfXtBgoltttij flntti r^ticulnla reln\^nu, ftubrycon
 mult" jiiinorus im luH-ns. Kmbrvotiit rctti o'ri]luumiN.-i radicola cen
 trrpt'tu cvMndric.i, cotjlfdoties p|j*lratac nfi^jnbfi. — Pnnjcea iir
 .cental *oi— d<c<«nnp4«IMt cnrticc trund *dnvtw Mlbim, rm* alik juu
 tfttti tercljhtu viri<li(>m; lotii* npp*«iil« pdioUti* UnecoUto
 bujji apicetue mtit—itt* 3—6-Dtrriu crefl!
 rib s brev iis me p d u e l a t i s p e c i j ; terminalibus.

1. 8Cl1W. fcUPKRKA K n t M 1. Ol. 11, t> — few
 lauceolatis, in acumen longum subullosum angustata, vixta apicem ad marginem
 revolutis, crenato-denticulatis denticulis, supra obscure viridibus glabra nitida
 aalitur (Intlnii'-nfm*, Tcuuli* transversalibus parallelis subullosis striata, supra
 nerrali pilosi
 turm miiniti. i.illri-ii. [j ^- i,'r* <K In 4,'MBUM Jc Valourta titer oppida Puerto Ca
 bello

2i BCHVV, HMtLtf>KnV[S JUtuMih. to*. In K
 olinii^lh. t>xi foiumliil*. In<r|>t>rrimi», «fitem verius serratis anj(j«i
 ang!» [n-Ttili li,irlui«', r^ci-i lfuUiu* ijuttU|Lirifj|it~'tii», iit-n(il)u« ntituu
 bu<, tncrnna minima C<|(4<. ^ — Crmitli in Citulumla.

(72. LAVOISIER A /;r.

(DC. Prodr. III. ICBt- H'Jow, Jlrsvfl. B. IIS. *(OM V. 68.)

1. L. KE.TWVt'.-VTA Wnrl<. I'. nuuv. il'Ani<ri<ju<- tiQ, -~ tab. 99. — Fruticosa
 alia, tota pilis brevibus capitato-glandulosis glutinosis conspersa; ramis subcom-
 plexis foitlt quadrifariam tubricatis integerrimis i>hlnn|fU
 semiamplexicaulibus, apex obtusiusculis reticulato-venosis; floribus terminalibus ad-
 tatis sessilibus; calycis tubo ovato-globoso costato, lobis sex lanceolatis acuta
 VIM |fn>s* i>rfi; aidNcru doodecim dissimilibus. h — Creactt In montibus ad
 uU VctbAID in Brasilia.

6192. SONERILA Hab.

(Wlpm. Btp<ft II. lift, V. 084.)

1. S. ELFI, \\ £ WRW, ^ (iklL JfeUjUurr. I. OJ, Ub. 0J/r (rt Icon^ pluit. !*••
 Herbacea erecta Famuv pljfiu: follb ptUuUUi nmuUnrTli* o*»to L>(-1-1-1* *
 |U Acatnlttn .inrtthli -, ptti)tiicu)In terminalibus cymoso-dichotomis, ramis
 elongatis, flnrlbu ftummto MirumL. calycibus pubescentibus; petals ovatis
 tis; antheris longe poroais | capsulis hirsutis conicis trigonis calycis l,
 natis; seminibus pilosis. 2j, — Crescit In India orientali (Seigheerist) ad Sur
 tL fi. VEITSILOLOIt Wght. Icon. plant. tab. 1007. — Herbacea: caulis erecta
 liliui |iltifsb, IUJBIU
 stis ovatis v. basi subinaequalibus, acutis v. subaruginatis crenulatis, utriusque
 sistentibus penninerviis; pedunculis axillaribus terminalibusque, recentis secunda
 tioris; calycibus glabris. petals ovatis cuspidatis; antheris basi cordatis

>>d)UUclir*iiLCi kit H<mt U rrmimi k i n t e n .)

- «s, stjlo stamina aequante, stigmatē obtuso; capsula clavata tngona, inter angulos costulata 2J. — Crescit m India onentali ad Neilghernes.
- ³ S AXILLAKIS Wght. I. c. tab. 1038. — Herbacea erecta, undlque pihs sparsis obsitd. cauibus teretibus, folus oppositis v. subalteinis longe petiolatis ovatis v. basi &subcordatis, acuminatis, supia spaise pilosis, infia feUbnusculis, pedunculis axillaubus erectis petiolos subaequantibus pauciflons, calycis limbo tnlobo, lobis acutis deciduis, petalis ellipticis mucronatis, atheris rostratis, stylo stamina aequante, capsula clavata subtuangulan sexnervi glabra. 2|. — Crestit simul cum praecedente
- ⁴ S. BIFLORA Zoll. et Montzi, System. Verzeithn. der von H Zollinger auf Java gesammelten Pflanzen pag. 11. — Caule simplici seu subramoso pedali, pilis brevissimis glandulosis oblecto, folis oppositis ovatis lanceolato ovatis petiolatis subtilis-**rtme** ciliato serratis, cillis patentibus, pedunculis axillanbus qmdnuigulanbus 2—3-floris, pedicellis fucubalato quadiangulanbus, flonbus___? 2J.— Crescit in sylvis pri maevis ad ti uncōs, saxa etc. insulae Javae.
- % f **Icones addendae.**
- ⁵ GRANDIFLORA R. Br. — (Wlprs. 1. c. II. 123 no. 18. et V. 685. no. 10.)— Wght. fcon plant, tab. 095/2. et Spicil. Neilghen I 5> tab 67.
- ⁵ imUNONIS Wglit. et Am. — (Wlprs. 1. c. II. 123. no. 17. et V. G83. no. 11.) — Wght Icon, plant tab. 1037. 1059.
- ⁵ SPLCIOSA Zenker. — (Wlprs. 1. c. II. 123. no. 13) — Wght. Spicil. Nedgherr. I. ^B6- tab 68.

6192/∧ PARACELSIA Zollinger.

(Zollinger, Flora [B. Z] 1847 p 664)

Calyx subcampanulatus profunde quadripaititus, laciniis acuminatis membranaceis carinatis glabris. Corolla petalis 4 imae basi calycis insertis basi in tubum leviter connatis, laciniis limbi ovato-acutis patentibus. Stamina 4 corollae basi adnata, ante anthesin erecta, petalis terna, filamenta brevia crassiuscula, antherae lanceolatae erectae apice porosae, basi cordatae. Germen liberum ovatum 4(2) loculae, gemmulae plurimae parentis et parietibus adnatae, placenta steliata radiis 8, quorum septa completa, 4 semisepta; stylus filiformis longissimus exsertus, stigma equitans terminate. Capsula quadrilobularis; semina plurima oblongo-compressiu&cula minima.

¹ AMOENA ZollJin^ci I. c. p. M3. — Herba erecta palustns (1—2^f) caule tetra-^{to} folus oppositis lanceolatis Innervn<> glabris, pamcula teiminali composita trt* Totoma multiflora, flonbus biacteatts, basi lutescenfi albidis, apicem versus cyanis. — Cie&cit in paludibus „Kawah" prope Tjibodas prope Bandung Javae occi-^dentah, 2000' s. m

Tribus II. RHEXIEAE DC.

6195. 8PEXXERA *Marl.*

(DC. Prodr. III. 115. — Wlprs. Ilepert. II. 124. V. 080.)

- ¹ ∧P. ASPHALTI H. Cruger, Linnaea XX. 101. — Erecta glabra octandra ramis acute ¹ tragorus, follis petiolatis subrotundo coTdatis hreviter aruinlnnatis crispis serratis nerviis , pamculae oblongae ram is patentibus. 2| — Differt a *Sp. pelluada* DC. et *Ul Piatica* Mart, glabntie, folus profundius serratis crispis, pamculae ramis magis ngi-^{(ils} , non laxls elongatts. — Crescit in lacu asphalt mo insulae St. Tnnitatls.

Tribus III. OSBECKIEAE DC.

6208. LASIANDRA *DC.*

(DC. Prodr. III 127. — Wlprs. Repert. II. 128. V. 700.)

- ¹ # ¹ E NDLICHERI Beeret Fnzl. Paradis. Vindob fasc. 13. (c.ic.) — Libramenon visus.

6211. **ARTIROSTEMMA** Pav.

(DC. Prodr. III. 135. — Wlprs. Repert. II. 131.)

- I. A. FRAGILE Lindl. Journ. of the hort. soc. III. 74. ailn. (et ic. p. 75.) — Ram¹ tetragonis distauter glanduloso-pilosks; foliis ovato-cordatis acutis quinquenem argute serratis; cymis laxis terminalibus dkstanter paucifloris; ealycis tubo obovato oblongo glandulosoj petalis oblongis roncavis mucronulatis; autheiarum calcar¹ bifido. 2J. — Crescit in Mexico occidental!

6211/V **ItIOXOCIIAETOI** Naudin.

(Arthrostemma sect. 5. DC. Prodr. III. 135. — Wlprs. Repert. V. 701.)

1. *M. UMBELLATUM Naudin. — Wlprs. 1. e. no. 2. — Deless. Ic. select. III. 2. »•

6212/,. **CRISCIOWIA** Karstcn.

(Kareten, Auswhl. neuer Gwchse. Venezuela's Hft. I. 16.)

^ Flores tetrameri. Calyx tubo oblongo obovato, limbi quadripartii lobis magnis triangulari-lanceolatis deciduis, aestivatione rontorta. C^d rollae petala quatuor, calycis fauci inserta, ejusdem laciniis alterna olx¹ vata, aestivatione contorta. Stamina octo cum petalis inserta altern petalis opposita, majora fertilia; filamenta filiformia libera. inaeqial^d ea sepalis opposita longiora, aestivatione induplicatim inflexa sub »" thesi declinata; antherae terminates biloculares arcuatae, aestivatioⁿ pendulae, apice elongatae, in rostrum angustatae uniporosae, conn[»] ctivo ultra loculos deorsum longe producto, basi nudo; antherae mi[«] res staminibus longioribus iibidentes, basi mucrone minimo instructa¹ stenes vel substeriles. Ovariuin liberum, apice setosum tetramer¹ (carpella sepalis anteposita), quadriloculare; ovula plurima, placenti^{* 1} loculorum angulo centrali exortis undi(lue affixa, campylotropa; styl¹ simplex deciduus, sub anthesi declinatus; stigma indivisum: Fruct¹ intra calycis tubuin reconditus capsularis (juadrilocularis po¹lysp[»] apice loculicide dehiscens, valvis medio sej.tiferis; placentis in colu^{nl} nam centram coalitis. Semina plurima pulviformia; testa crustac^f leviter scrobiculata reniformis, umbilico battilari; embryonis exalb¹¹¹¹ nosi curvati cot>ledones obovatae, altera multo major, radícula fus^{^01} mis. — Frutices: ramis tetragonis rufis; foliis oppositis petiolatis l>¹ ceolatis integernm's quintupli—sextuplinerviis, nervis duobus sup^{erio} ribus costae supra basin insertis, setis interpetiolaribus alternantibus. Inflorescentia cymosa, floribus speciosis roseis breviter pedunculatis b>^{stl} pulatis(!), stipulis minutis deciduis.*)

1. CR. HIRTA Karsten 1. dt p. 16. f tab. 5. — Ramulis, pedunculis, (ohor[^] nervis calycibusque strigosis; foliis quintuplinerviisj antheris minoribus sterili^{bu*} — Crescit in montibus occidentalibus provinciae Caracas.
2. GR. OSBECKIOIDES Kltzsch et Karsten I. cit. — Ramulis, pedunculis, **T¹ rum nervis calycibusque fctrigosis; foliis quintuplinerviisj antheris minoribu^{* •*} sterilibus. \) — Crescit in monte Avela prope Caracas.
3. GR. MERIDENSIS KIUsch. J. cit. — Planta subglabra We «trigow: ^ quintuplinerviisovato-lanceolatis, apice acuminatis; calyce glābro; antheri^{* n¹¹¹¹} bus sterilibus. J> — Crescit in montibus provinciae Meridae.

6217. **PLEROJIA** Don.

(DC. Prodr. ID. 131. - Wlprs. Repert. II. 132. et 917. V. 703.)

1. *PL. ELEGANS Gardn.-(Wlprs. 1. c. II. 917. no. 4.)-Hook. Bot. Magaz. tab. &*

*) Cf. Walpers, Epikritisches Sendschreiben an Herrn Hermann **Karsten**

6219. *MELASTOMA liurm*

(DC. Prodr III 144 — Wlprs. Repert II 132 V 703)

- ¹ *M. MELASTOMA* Zollinger, Mora (B Z) 1847 p 6C5. — Arborescens, ramulibus compositis, petioliis nevisque subtus squamoso aspersis, foliis oblongo lanceolatis acutis, basi obtusiusculis trinerviis cum nervis 2 marginalibus ovatis, margine adnatis serrulatis, 1 internodium ovatis acutis cum 5 minutis setis tussidatis albidis — Folia juniora scaberrima, nervis adnatis setosum, collo elongato buccato lacero, flores corymbosi 3—5, stimuli alterni, connectivo elongato buccato tubo, corolla rosea — Crescit prope Gebok Klakka montium longiorum in insula Java

6221. *MELASTOMA Linn*

(DC. Prodr III 144 [excl. sect. 1, 2, 3.] — Wlprs. Repert II 133 et 918 V 708.)

- ¹ *MELASTOMA* BARDMIA Mughl Icon plant tab 997 et Spicil. Neill I 57. tab C9 — Truncus erectus rimosus, in partibus omnibus novellis longe setuloso pilosus foliis ovatis ovatis, nervis duobus brevibus gracilibus lateralibus prope basin, utrinque pubescentibus pilosis, foliis terminalibus ciliatis, calycis tubo brevi campanulato, squamulis hirsutis dense vestito, apicem versus squamulis clavellatis obsito, 1 internodium 5-fido, laciniis lineari lanceolatis, setis creberrimis rubris vel ferrugineis ovatis, quam appendices ultra duplo longioribus, petalis 5 orbicularibus, staminibus 10, antheris recurvis marcescentibus nitris corruatis, breviter rostratis — Crescit in India orientali ad Nilum
- ² *MELASTOMA* PUSILLA Zollinger Flore de la (B L) 1847 p 665 — Caule quadrifario strobiloso setoso, foliis ovatis lanceolatis strobiloso-setosis ciliatis ad faucem intus seriatim papilloso, papillis setis stellatis coronatis, foliis terminalibus sordidatis seu rarius geminatis TO (seis 2).? — Planta pusilla polycarpa. Ad rupes crescit montis Penangungan Javae orientalis, 4000 s m
- ³ *MELASTOMA* OVATA Zollinger l. c. — Herbarea foliis ovatis, foliis terminalibus validis roseis. — Planta humilis subsucculenta. Sarcopyramu Javae Muntia — Crescit in Java insula in truncis in summitate Salak vicini Solfatarae

f Icones addendae.

- ⁰ MELASTOMA MELASTOMA DC l. c. — Wlprs. Repert II 133 et Spicil. Neill I 57 tab C9
- ⁰ MELASTOMA MELASTOMA Benth. — (Repert II 135 no. 3) — Wlprs. Repert II 997 998

Tribus IV. *MELASTOMAEAE* DC6229. *MELASTOMA Don.*(DC. Prodr III 155 — Wlprs. Repert II 138 V 700 — *Melastoma* DC l. c. 15J)

- * *MELASTOMA* CLABRIFLORA Prsl. Bot. Bemerk. pag. 70. — Ramis basi teretibus, apice tetragonis rufo hirsutis, foliis petiolo oblongo ellipticis acumatis longe ciliatis trinerviis supra hirsutis, subtus praesertim in nervis hirsutis petiolo longissime ciliato hirsutis, paniculae terminalis ramis bifidis simplicibusve, foliis secundis imbricatis glaberrimis, bracteas ovatas ciliatis scanosis multoties superantibus, calycis laciniis ovatis obtusis brevibus, bacca glaberrima globosa — Crescit in Brasilia ad Rio de Janeiro
- [^] *MELASTOMA* MELASTOMA H. Cruger, Linnaea XX 103 — Ramis teretibus tenuibus longatis, cum petiolo, foliis praesertim in nervis inflorescentia et calycibus dense hirsutis, foliis ovatis acumatis basi obtusis subserratis dentatis quintuplinerviis laeviter nervulam margalem, ricemulis 3—5 floris axillaribus longitudine petiolo internodiis pentimeris, calycibus praeter lusciditatem pube stellata vestitis, lobis trifloribus — Crescit frequens ad vias umbrosas insulae Tinnitatis.

6236. *UIEDIMLLA Gaudich.*

(Wlprs. Repert. II. 142. V. 711. — DC. Prodr. HL. 167)

1. * *M. SPECIOSA* Blume. — Wlprs. 1. c. II. 142. no. 17. — Hook. Dot. *Maga* tab. 4321.

6242. *OS&AEA DC.*

(DC. Piodr. III. 108 — Wlprs. Repert. *II. 143.)

1. *O. TRINITEINSIS* II. Cru^{ci}, Linuæa XX. 105. — Rdims teretibus, novellis villos mox glabns, folns oblongib, utnque acuminatis petiolatis, junioribus villosis uliatis, adultis m nevis solum villosis integenis (nplinervis praeter neiul mar^{malem}, floribus parvis axiUaiibus sessilibus subaggregatis, calycis subvill lobis patentissdnis basi lanata acuminatis, ovanl apice villosiusculo. t) — Ciescit ad montes boreales iti&ulae ht. Tnuttatis non rara.
2. *O. SALIUfOLIA* II Cruger 1. c. — Glabra: folus sessihbus, basi subauuculat* lanceolatis atuminatis, triphnervis praeter nervulum marginalem, floribus ses&iM^{is} axilldiibus subagiegdtis. t) — Ciescit ad montes boreales insulae St. TriuiUtlis.

6250 *DIPLOCIUTON DC.*

(DC. Prodr. III. 176. - Wlpris, Repert. II. 145.)

- 1 *D. ANGUSTIFLORA* Bnth. Plant. Hartweg. pag. 263. no. 1539.— Folus oblongo ovatis longe acuminatis, basi obtu&iuscuhs integeuimis praeter nervum margin^{em} obscurum tnnerviis, supia glabns, subtus, ramuhs tb^{arsoque} pube brevi sttlU^{ia} canescentibus, thyi&i ramis omnibus tucliotomis) biacteis caducissimis. l) — \$P^e cies forte a Candolleo inter founds *C. Swartzianae* mclusa, sed certe a descriptionⁱ bus plunmorum ex auctoribus citatis plunbus notis discrepat et ab omnibus *plochitis* differt mflorie¢ia stncte liichotoma ramib nunquam fasciculatis. Hab^{itus} tus igitur *Jucundae* similioi, sed bacca omnino adhaerens. A *Miconns* differt caly cis tubo ovarium longe superante tenui, limbo expanso. Frutex est 8—12 pe^{dalis}. Folia petiolata 3—5 poll, longa, raro 2 poll, lata, acumine angu&to ultia semipol^l can. Pamculd oblon^a semipedahs. Calyx florens 3 lin. longus, limbo brevite^{at} obtusissime quinqueadentato vel subintegro, cilus nullis. Petala qutnque, obova^{to} (Oblonga obtusa. Stamina 10, anthes atuminatis basi bievisime bauricul^{to} Stylus elongatus, apice attenuatus incurvo subhamatus. Ovarium adnatum, tdl^{is} dinudium haud attingens, discus ciassus oblongus, ovario ipso paulo brevior. Bac^{ca} (uti ovanum) tuloculans. — Crescit in Jamaica prope Hony Hill.

6250/i *POQONORHVNCIUS H. Ciuger.*

(H. Ciuger, Linnaea XX. 107.)

Calyx e cylindrico campanulatus, ovario basi adnatus, u^u ^{ra}, illud^{vi} productus 5-lobus, lobis latis rotundatis, extus dente subulato^{bre} appendiculatis. Petala 5 reflexa, oblique ovata crenulata. Stamina inaequalis longitudinis, filamentis subvillosis, antheris longe r^o*^{jug} uniporosis, connectivi basi tumida dense glanduloso-pilosa. Sr^J r^o, elongatus, stigmate subincrassato. Ovarium 6—5-loculare, apic^o Y^u traclum den tat um et brevissirae setae eum. Bacca succosa, sem^{is} numerosis angulatis. Genus *Diplochito* proxiraum, caeterum distin^{ctis} simum.

1. *P. AMPLEXANS* H Ciuger 1 c. f — Folus ovatis, apice longe acumlnatis, attenuata bullata rugosa amplexante Integeiimls, tnplinerviis praeter nervulum^{III} nalem, jumonbus utnque, adultis subtus cum ramulis, inflorescentia. et caly^{is} tomento stellato tectis, in nevis rufis, pamculae terminalis ramis brevibus opp^o floribus capitato congestis setoso-muldbacteatis. % — Flores albi, filamentⁱ lea secunda, antheiae rubrae, bacca immatura rosea, matura coerulea, «^o saepe bipedalia, aibor ad 30 peddlis. — Crescit in locis sylvaticis insul^e

6253. **IOREYA DC.**

(DC. Prodr. 178. — VVlprs. Repert. *II. 145. V. 716.)

1. *IOREYA* TRINITEIVSIS H. Crüger, Linnaea XX. 108. f — Ramis obtuse tetragonis; foliis ovatis quintuplinerviis cum nervo marginali, basi sessili longe attenuatis, apice obtusis repando-deutatis, adultis glabris; floribus ad ramorum nodos et in foliorum axillis brevissime pedicellatis ebracteatis; calycibus truncatis; petalis subcordatis. *type* — desert in insula St. Trinitatis.

6258. **ITILCOMA Hz. & Fav.**

(DC. Prodr. III. 176. — Wlprs. Repert. U. 146. et 918. V. 719.)

1. *ITILCOMA* (leiosphaeria) CALOPHYLLA C. Kröger, Linnaea XX. 109. * — Glabra, exceptis nodis ramulorum petiolisque supra rufo-lanatis: ramulis obtuse tetragonis; foliis lucidis oblongis basi obtusis, apice breviter acuminatis, trinerviis praeter nervulum marginalem, supra sparse rigide setosis, saturate viridibus, subtus cum nervis petiolisque purpureis; paniculae oblongae ramis oppositis divaricatis; corymbis tandem numerosis setaceo-bracteatis. *type* — Flores dilute carnei, omnino *leiosphaeriae*, bacca magna magnitudine grani piperis, semina nun angulata. — Crescit non rara in montibus septentrionalibus insulae St. Trinitatis.
2. *ITILCOMA* VILLOSISSIMA H. Cviiger l. c. -V — Ramis teretibus, ramulis, nervis foliorum inter nervos sparse pilosis serratis, trinerviis praeter nervulum marginalem; paniculae ovatae ramulis oppositis bifidis; floribus seriatis; calycis limbi duplicis lobis oppositis longe ciliatis. *type* 5 — Crescit haud rara ad vias submontosas insulae St. Trinitatis.

6258. **GLOSSOCENTRUM L. Crüger,**

(H. Crüger, Linnaea XX. 111.)

- Calyx basi ovario adnatus, ultra illud prodiectus campanulatus, limbo repando. Petala 5 ovata obtusa. Stamina 10 aequalia. Antherae unisporae obtusae, basi calcari instructae in connectivo lanceolato linearibus, dimidiae antherae longitudine. Ovarium triloculare, stylus et stigma simplex. Bacca succosa, semina angulato-ovata subscabra.
1. *GLOSSOCENTRUM* COLLINUM H. Crüger l. c. + — Fruticosum glabrum: ramulis teretibus; foliis oblongo-ovatis, longe acuminatis integerrimis, trinerviis praeter nervulum marginalem. Paniculae terminatae multillorae, ramulis tetragonis. Flores albi parvi. Ramuli foliorum nervi fusci laeves. *type* — Frutex 8—10-pedalis ramosissimus. — Crescit in collibus insulae St. Trinitatis prope Fort George.

626C. **CREJUANIUUI Bon.**

(DC. Prodr. III. 191. — Wlprs. Repert. II. 147. V. 722.)

1. *CREJUANIUUI* Cft. TRINITATIS H. Crüger, Linnaea XX. III. -J — Ramis teretibus, junioribus subcompressis; foliis bifarium dispositis oblongis, basi obtusis, apice acuminatis trinerviis praeter nervulum marginalem fere imperceptibilem, integerrimis, junioribus cum ramulis et petiolis sparse stellato-pubescentibus; paniculae terminalis ramulis multidoris tetragonis. *type* — Crescit in insula St. Trinitatis.
2. *CREJUANIUUI* H. ASCHENBOHNIANUM S. Schauer, Linnaea XX. 734. f — Ramulis tenuibus compresso-teretiis, novellis cum petiolis retique foliorum juniorum praesertim tubus pube stellata farinacea afflatis; foliis membranaceis longe petiolatis oblongis, basi obtusis saepe paulo inaequalibus acuminatis, margine subintegerrimo setulis vix remotiusculis ciliatis, quintuplinerviis venisque transversis grosse reticulatis tamen rugosis, utrinque nitidulis, subtus vero pallidis, adultis praeter rete subglabris; paniculis axillaribus pseudo-terminalibus brachiatis paucifloris, ramis omnibus plerumque trifloris, floribus 10 andris pedicellatis; calyce glabro, dentibus brevissimis acutis; petalis oblongo-lanceolatis reflexis calycis tubum subaequantibus. *type* — Crescit in Mexico.

fc CR- BEnOUESLWim ft, Sdtann I. c T J S . } - K*BIMI^ altvruum subcompositis
 rum pnnk-ulji ^ijuruni<u> i><<tlolo ncrvvljmr aatriup *tomnuta* «ML.»in ftda»<
 tjiin"U i fattU otrionfia basi rofadatis b-g imtnatU, margin* **rix** COWL
 tioulatis setolisque brevibus ciliatis 3-nerviis reticulato-regularibus, supra densis gl
 ijrAtiR unl ·ipAclii. jnihtnn flavtteiMjiilJ¹^ liriillhux: paiiicula trmiJnali ihyi ·
 tatilfe t*rrvllm» TMii(Wtfti-lit); tlifiltn* ormillbtM» e*i>t< tiarpaiitilUu [iwi
 avquAlfbwa, ^ — Crr*Eil in M-xirj,,

Mubunilu II. *Cti IH* i\ ill*: It£ tiPr.*

62ft! <II %I;SOI*I.M it % ffrjU

(DC. l'riulr. III. to.: — Wlpn. IUy*rt. IL * (IH. it aid.)

It *Ctt. FRHItI<j\K\ II, Ciu^rt. LUIN^I ^C\ \2^M}* — Hamuli» utrl
 foliis · juni^rjtiiM iitrJrtQn- . 1ndem subitas > pJuni, petiolis et inflorescentia
 densis > i>r>vist<nin ferrusini'u r>tti m · iim* br*r« aiurnui
 glaberrimis · j rplj<ii.<it il-iiuti*. <juljIM|U'tiriTr > pndlex <i*rvuTga fiuuu.,iJ>-ai. ·
 Kelt In insulJ M, TriiilutiH,

6265, *hillis^tt hr.*

illi . l'r-ulr. IK. (ML — Wjj,r>. H*prri 'lf, H>. | . 701.)

1. IL A3tlltK\ Mi — Do*. AM. «. MI (3. Ser.) V. Illtgr — m*»>|
 |JK|^Llia r*»»>>«i**v«

iiir^r fatla wj^suh. rullona repando petiolati, parte ea, quam superior quoque
 rum pagina spectat, secundo fasciculata vel glaberrima, taximum de sexualibus
 pedunculis bracteolae fere late latagill ferruginea laesuris. Folia 7 — 10 cent. long.
 5 — 5 cent. lata patentia opposita elliptica vel ovato-elliptica, basi subobtusata vel
 rotundata, apice longe obtusata truncata ac venalis transversa laeis, supra
 presso-canaliculata, ad apicem venalis, subtus prominulis, coriacea glaberrima
 glabra, petioli brevissimi, supra canaliculati. Pedunculi axillares
 soli longi compressi erecti, medio bracteolati uniflori. — *Pterocarpus*
nota Zoll - Martel. — Melastoma australe Blume, Bijdr. 1679. — N. Kuntze
Kuhn, non. — Crescit in sylvis. — ^tr^1 kAA^a J4|«.*

2. **k<IMiS** ATA Dec. I. c. 216. 2 — IUUft*raginis; uljeU faha tubercul
 «imi>N(1tpua <m<t4«, li
 c<n(r r.rti-> TiafIU ·

TCI ovato-lanceolata, acutiuscula, basi obtusa
 tubiculosi nervi supra lentes immersa, infra prominenti
 flis utrinque venalis transversa laeis reticulata tenerrimis, coriacea, supra densis
 olivacea, subtus fuscescens, utrinque supra glabra. Pedunculi terminales vel
 axillares solitarii, subulade cymam trifloram effluentes teretes ferruginei, ad apicem
 et ad pedicellorum apertam articulati, dachis bracteis axillaribus ovatis obtusis
 acute trinerviis concava sterilibus

3, k. I I't I ^ LV pcv> to UwlN*. i. . . . III. 2. t. 1 >i Ann.

317, ' : — |(*)*J** fjifcfitj *ttycm* tote Utwivalia ·irti(.||rih_n» n<i:»>»i 4**

Ilili'f JM lifjlorpiru if it Uj** >alrrM-

·"·!< |t>f iikinmtii ditcat^u, yriinfli fcn¥ihn#4Wh 1M<IM « » M * * * *

fr. lousa, 2 — 4 lata, basi rotundata, apice recurvo subconduplicato magis minus*
 >ge <uminata coridtea patentia, nevis tribus tiassis e basi otis> ad apicem eva-
 'ilts, subtus prominentibus et piope marginem insurer nervo tenero raul-
 tisque vtnulis transversjs leticulata, glabeinma subdiscolona, siccando supra ohvacea,
 'ifra roagis mmusve fuscscnti \ 1 lores ad pedunculorum apicem solitaru. Pedun-
 coh dxillares sohtdtu oppoMti uniflou vcl rarissime tjm.is tufloi is efficientes subte
 ^dgoiu, ad exortum pedicelli duabus bra^teohs sessidbus ovdtis aicuatis concavis,
 pedicel!/ breves tcietes. — *Cmscit* in IKUIIS Phnlipplnis, Mamll i, Singapore.
 4 ^ PUULSCENS Dene. 1. c. 318. — Ramuhs angulatis obscuie tetragonis, pube in-
 *actih firrugmeo vel atro-sanguinea vestitis, linea tiansversali prommente substipu-
 lura notatis, folus oblongu, decumiatis subtus praesertim ad uervos pubescentibuj>."t)
 — *EiDijekta ectnata* Wlprs. Repert. V. 728. no 7. — *Pternandra echmata* Jack. —
 t i i Lit in I'mang.

MEMECVLEAE DC. Prodr III. 5.

6269. MEIUECYLOf Linn.

(DC. Piodr. III. 5. — Wlprs. Itepert II. 148.)

1. M. PUNCTVTEM Prsl. Botan. Bemerk. p (J7. — Uarais teretibus; foliis petiolatis lanceolatis obtusis enervibus avetuis pellucido punctatis, umbelhs bieviter peduntulatis tn—novemflons, calycis tubo globoso basi veirutoso, stamimbus styloque Petala ovato triangulaua acununata excedentibus. tj — Crescit in India onentdh ad Maulume.

* « LILACIMJM Zoll. et Morit/i, System Verz. der von II. Zollmger auf Java gesi>ninielten I'lluuen p. 9. — liboteura. folus ovatis vel oblongo-oratis obtuse am-^latis pitioldtis, iluubus rameis in axillis fblioium decuduorum glomeia-
 is> glotntiulis subsessilibus, stylis stamuwbisque ^Jaunls.^) — Cmsi.it in &ylvi6 prupe T3^ya in Java.

6270. ITEOURIRIA Jus*.*

(DC. Piodi. III. 7. — Wlprs. Repert. II. 149. V. 7&.)

1. to- POLYAN1HA Aliquel, Lmnaea XVIII. 290. f — Foliis ovato elhpttcis elhpttcisve
 att<nuato acutis muciuinitis comceis, supia mmatissime puactuUtis cattild^iuto mal-
 ^'utij, dvenus deinum patule vf nulosis, nervo medin supra canaliculdto, umbellis
 ^''o dor is sessidibus vel breve pedunculatis ad r<tmulos e vetustis ranuj. protrusos,
 a^llarilus ternunalibusque , pedicellis tdlyce longionbus, caltan antherdfi diindiam
 ae<U4ute. T) — Cie&cit in bumiAm prope Paramaribo.

6270/., HJffDJENIA Zoll, 8c Mor.

1. iioiit/i, System. Vrzeichn der v II Zuhlnger auf Java gesammelt. Pflanzen. p. 10.)
 iMoica. Flores masculi in pedunculo communi brevissimo axillari
 aggregati. Pedicell calyculo spurio bracteato iasideutes. Calyx scutae-
 formis integer intus septis (Memecyli) debtitutus. Corolla 4-petaia
 aestivatione imbricata in aldba.^trit, obtusa nondum toita. Petala *.ub-
 marginalia ovata. Stamina 8 calycis margini inserta. Filamenta lon-
 pucula tUiformia. Autheiae biloculares, loculi paralleli, supra convectivo
 -at, incurvi, unilaterales rima longitudinali dehiscentes. Flores foemi-
 ^ <... Friictus . . . Arbor parva Javanica: foliis, oppositis coriaceis
 te6ernni, ovatu trinerviis, nervis lateralibuib a margine remotis. Flo-
 res minimi, ut fertur, albi. — Species indescripta.

\\ III VtRTICOKDIA DC.

(Ylprs Reptit II. 134 et °V. 730 — DC Prodr III 208)

- 1 *V* (*Fuvertcordia*) PFNTANDRA Turc^an Bulet de Moscou XX 157 — Corymbo
 I ^{ca}nci^o >ro tubo calycis IK misphaerito obsolete detemcostato, apice \\enuculoso
 lumbi lubis in lacunas subulatas numerosis pectin ito plumosas multifidis, corollae
 petalis punctatis, obsolete crenulatis, staminibus fertihbus Scum staminodus 15subu
 latis busi in aunulum connitis, in pratfloratione mtus tubi indexis, biacteolis doiso
 c^onciatis caducis folns imbnc itis lineanbus doiso convexis, bine conca\\is cuspi
 datis 5 — Staminodia ciholata — *V pictae* iffinis, staminibus feitilibus tantum 5
 1 iacttr ilias notas distinctissima — Licscit in Nova Hollandia ocndentali.
- 2 *v* (VESPITOSA luiczan 1 c — Coiyombo composito, calycis tubo hemisphaenco
 i longe oinoso, obtuse qumquecostato, limbi lobis costis tubi rrespondentibus in
 imas quinqc pt ctmito pinn itifidas p ilmatim pirtitis, petalis scmosis dorso velu
 tints per totum mai,inem breviter fimbatis staminodus subul itis ciliolatis, stylo
 torollun duplo <xccedente ispei,illifornii, folns lintanbus subclavillatis subtnquetris
 mutius *I*) — < Caulcs e radice plurts, floies alb di A *V fmbriepidi* staminodus subu
 Utis mar,ine uudis cal^cims laciims in lobos tantum 5 divisis alusqut notis facile
 ^nnoite itui — Citscit in IN ova Hollandia Occident ill
- 3 *V* UMIJRI¹ tPIS Turczan 1 c 138 — Corymbo teiminali composite tubo calycis
 turbmato ^hbro, superne costato, lobis palmatifidis lacinus septcm lateihbus duo
 h^us minonbus caetens subacquahbus, omnibus pectin ito pinnatifidis petalis pel to
 tum mir^tnem staiiinodiisque ptilouleis fimbatis, stylo brev imbeibi, folus h
 n^o-ari tn,oniij> apiculatis *I*) — Species insignis staminodus fimbatis stylisque brevibus
 niberbibus (lores albi, petaloium fimbnae divisae, bractcae ut in plensque con
 c^oavo cucullatae — Ciestit in Nova Hollandia
- 4 *v* (*Catoclypla*J MOINADELPH V Tuiczan 1. e — Corymbo terminal! paucifloro,
 ca^oci& tubo appendice loboium pentaplylla reversa occultat), infcine dense setoso
 c^oyl<uili iceo, bupelne alabio dilatato costato, calj^it> lobis ippendieibusque divisis in
 la^o->tuas pectinato piunatas, pinnulis Ion,issinns c ipillaribus, petalis per totum mar
 S^oncm fimbatis tubo stamineo, e stammibus pcfectis et staminodus simul concictiaj
 fo^oinidto idnatis, btiminodus lineiri filifoimibus acutis stamina suptiantibus, con
 t^oectivo eueullato loculos ineludente, nma tiinsveTSih aperto, stjlo subulate ^labro
 S^o-ito sti,mitc capitate, folus distantibus linearibus plamusculis apice callosis ^<—
 v omnibus congenenbus filameitorum et petaloium cohaesione di, noscitur Calyeis
 Pp^ndices itque lobi et petalorum pars lib era roseae — Creseit in Nova Hollandia.
- 5 *v* IUIACUYPODA Tuiczan 1 c — I lonbus in axillis supeiionbus ramorum paucis
 P^dunculatiSy pi duneulis folia non excedentibus, calyeis tubo infeine den&e se
 toSo, superne dilatato pubciulo, 1 ibis (apillaceo multifidis, lacinulu. pectnatim pin
 latis, appeiulieis appressie laeiniis eapillaceis indivisi& brevioribus, petalis per
 t^ouin muginem fimbatis, staminodus oblon,bo lanceolatis crassiusculis stamina pa
 lum bupcrantibus, connectivo authei is ineludente, pons duobus circulanbus aperto,
 st^oyl^o c >mco crasso pilis rever&is fel mdulosis bispidissimo, sti,mitc magno disci
 fo^oca^o, folns confetis hneari subtnquetris lectis tut meurvis, apice subeallosis fi
 — Inflrescentia sola praeter alias notas a speciebus liujus scetionis diveisa W
 ptndicts, calyces, et petala rosei, staminodia et filamtnta lilacun — Creseit in
 ^ova Hollaudia
- 6 ^ UMBELL\\TA Turczan 1 c. 139 — Corymbo paucifloro subumbellato, bracteis
 Post flures delapsos pcisistentibus, calyeis tubo turbunto, inferue dense setoso
 buP<rni puberul), loborum lacinus anstaefoimibus nudis, paucis capillaeis intei
 ^Xtis, appendice fere ad basin in lacunas capillae is tenuissimas siniphces divisa,
 Petalis unguiculatis nnr,ine tenuitei serrulxtis, stamiuodus fimbatis stamina supe
 ra^ontibus, connectivo eueullato loculos ineludente, pons duobus biante, stjlo bie
 ^o^omc glabro, folus confertis oblon,dis cannatis acutiusculis. \\ — \\ppendiees

rijijn ot (-mini petalorum pes, unguis petalorum rt girihihiLa nirtU: — CRKII in Nova Hollandia.

7. V. filryivma) Mt¹J/ni'Uiill. TgrtH*. 1. r. — CnnmMt lirn»iii*Ubu compositi multifloris; tubo calycis Ei f rl/in*1i' i ostato. irk-T>r- tillniri |HJl>1 in liciulu fiffii sas per in i(4)-ituinHitnl ki dbiiiu, jirLlti j»?r (oluiu iw arginem fimbriatis; staminibus lineari-filiformibus staminibus superantibus; connectivo cucullato lobatus lobis dente, poris quibus circularibus xerto, villis patentibus hispido, stigmata capitata; foliis confertis linearibus-obovatis obtusis punctatis, h — Species Corymbosa calycis tubo villosa cum solo V. tfflmn mtnatt notis long- 4h*fa, floribus explosivis aureis onata. — Crescit in Nova Hollandia.

8. V. CftBERTB T arcaae. l. c. 100. — Corymbis compositis; calycis tubo brevi glabro loborum multiflorum lacinis subulatis pliusculis-glabris; petalis per totum marginem fimbriatis; staminibus petaloidibus ovato-lanceolatis acutis integerrimis, connectivo globoso lobis tegente, praeterea dorso in cucullum semiapertum, apice ad tndnettti expanso; stylo brevi imbricato; bracteis multifloris perispermatis; foliis linearibus apiculatis, superioribus brevioribus et latioribus, h — V. Endlicherianae dilatae affinis, petala tamen margine fimbriata, nec palmatum septemlobum, folia superiora etiam inferioribus breviora nunquam vero ovata. — Crescit in Nova Hollandia occidentali.

9. V. STYLOSA Turczan. l. c. — Corymbis paucifloris; calycis tubo terflectis costis basi tillu«Li. Uitm tit laciniis mucronatis pectinato-pinnatis dilatis; petalis per totum marginem fimbriatis; staminibus longe fimbriatis; filamentis subulatis brevibus hut, cnnncictTU In sacrum lobos tegentem expanso; stylo curvato fere aequo superante a medio ad apicem pilis patentibus vestito stigmatibus mucronatis petalo tndnettti •nlimtu; brairir»][* muticis; foliis imbricatis linearibus-obovatis 1 ft ... III apice tutili'Uiidli. fc — Floret pallide sublaevi. — Crescit in Nova Hollandia occidentali. MO*

X. THRYPTOMENE Endl.

(Wlpta. Reperi. 9V. 722.)

1. THR. RACEMULOSA Turczan. Bull. de Moscou XX. 125. — Floribus in apicibus ramulorum axillaribus, in racemum collectis; pedunculis foliis brevioribus; foliis oppositis, quadrilobis imbricatis convexis mucronatis mucronibus. h — Alibi villosa Thr. andersoni Schauer, at folia in nostra coarctata et pedunculi foliis brevioribus, Nervis mollius loborum basi vix manifestis, apice incrassatis. Calyx albidus, tubo abbas vixto dilatato, eleganter ruguloso, petala rosea levata, stylus staminibus brevior tamen longiusculus. — Crescit in Nova Hollandia.

2. THR. MUCRONULATA Turczan. l. c. — Floribus prope originem ramulorum axillaribus congestis; pedunculis foliis brevioribus; foliis quadrilobis imbricatis obovatis subrotundis planis, mucrone recurvo apiculatis. h — Habitus Thr. racemulosa, a quo praeter folia distinguitur tubo calycis longiore et angustiore longitudinaliter costato apice tantum ruguloso, petalis albis, calycis lacinis minoribus, staminibus brevioribus antherisque nigris, glandula terminata. h — Crescit in Nova Hollandia.

XI. PEC ILXtifi III M Turczan.

(Turczan. Bull. de Moscou XIX. 122.)

Flores in axillis superioribus ramorum •dUari) MIMNI* < Calyx tubus obconicus decemcostatus, costis crassis, quaque petalis respondentibus superne magis elevatis, limbi lacinae quinque rotundatae subretaloident quinqe calycis ijitiniifl okernn ct mnjurn nhovstn obUi^H. 8(amfna vi^liiti- tubo calycis cino 4(Ti*a, filamentb fobolti^ nimnalibus, nltornU minnihi'rifit basi in vitar connrth. Ovnritrm ctilycl ndtmtum nuinniMrc ottio ^*1* n, ovato magno globo 10 cnvftaiem ciatU r<|>lent<- Btylui (Mibtiintu*. P';**^ cillatis »ub ati^>ntil«, cirta illud in globulum **<•"•••tia. — Floret

ericoides glaberrimus ramosus sesquipedalis. Folia opposita decussata juncaria, dorso concava, facie canaliculata, impresse punctata obtusa. * Flores pauci in axillis superioribus ramorum superiorum, plerumque oppositi, bini in ramulo, majusculi. Bracteae subsranosae liberae. Calycis lacinae et petala nivea. Genus *Lhotkyae* proximum.

¹ *D PAUCIFLORUM Turczan 1. c 154 ty — Crescit in Nova Hollaadia.

XII CALYCOTRIIX *Lab ill.*

(Wlprs Rtpert II. Io7. °V 733)

¹ C BEHRIANV Schlectid Ltinaea XX. 030 -J — Ramulis hirtellis, folis linearibus utrimque carinatis caenam inter et marginem serie punctorum felandulorum simili liti notatu, pilo brevi mucronatis, basi breviter breves ciliae marginales e statu juvenilon pro parte superscritibus, basi ceteris partim connatis scanosis, e nervo medio mutronatis seu denticulatis tubo calycis florentis tertia parte brevioribus, flonibus in liliam corymbosis, axillis ciliatis longioribus — Crescit in Nova Hollandia australium

² C HRACHYPHYLLA Turczan Bullet de Moscou XX 161 — Ramulis teretiusculis glabris, folis quadrifariam imbricatis sessilibus abbreviatis ovato triquetris, margine scabrusculi necticis, bracteolis longe ultra medium connatis canaliculatis complicatis herbaceis, marginibus canaliculatis, dorso rugulosis, basi angustatis, oblongis obtusis aut mucronatis mucronulatis, tubo calycis brevioribus, flonibus icosandris corymbosis, calycis corollam duplo excedentibus — Ad *C Leschenaultii* videtur accedere, at bracteolis ultra medium connatis et flonibus icosandris a descriptione recedit — Crescit in Nova Hollandia occidentali

³ C CILIATA Turczan 1 c — Ramis teretiusculis puberulis, folis breviter petiolatis linearibus hinc hinc oblongis canaliculatis acutiusculis margine carinae rigide ciliatis, bracteolis basi connatis hirsutis canaliculatis subintatis acutiusculis hirsutibus, tubo calycis duplo brevioribus, flonibus ultra 40 andris racemosis anstis corollam sesquipedalem superantibus — Affinis videtur *C. empetrouh*, sed bracteolis basi tantum connatis, folis acutiusculis, stamibus numerosis et antheris longioribus satis distinctis — Crescit in Nova Hollandia occidentali.

⁴ C CUSPIDATA Turczan 1 c. 162 — Ramis teretiusculis glabris, foliis breviter petiolatis imbricatis hinc hinc clavellatis triquetris, longiuscule cuspidatis, bracteolis tantum connatis membranaceis canaliculatis acuminatis calycis tubo brevioribus, flonibus 40 andris racemosis, anstis corollam sesquipedalem excedentibus — Bracteolis membranaceis albis, linea mediana tenui violacca percursis, basi in tubum sessilem connatis, caeterum liberis, foliis in setulam productis atque stamibus numerosis a proxima *C. tartarici* Lindl. recedit. — Crescit in Nova Hollandia occidentali

⁵ C DEPRESSA Turczan I. c — Stipulitis linearibus sub trigonis apiculatis petiolatis, bracteolis herbaceis basi connatis lanceolatis complicatis carinatis cuspidatis, tubum calycinum subaequantibus hirsutibus, flonibus 40 indris racemosis, calycis corollam paulo excedentibus — Humilis vix semipedalis ramosissima, ramis confertis Ad *C. luteotam* Schauer plurimis notis accedit, sed tubo calycino brevioribus, bracteis non excedente (in illa duplo superante), anstis corolla paulo nec distinctis longioribus atque stamibus numerosis differt — Crescit in Nova Hollandia

Tribus II. LEPTOSPERMAE DC.

Subtribus I BAECKEAE Schau.

XV. BAECKEA Linn.

(DC Piodr. III 329 [expJWlprs Rcpert II 169. et 920 °V 734)

¹ C BAECKEA Schlectid Bot Zeit 1846 col 724 f — Folia linearia facie canaliculata, (Loreis pedunculati solitari in ramo axillari brevissimo monantho apice

hibracteato, bractee pedunculum subacutius aculubculae cito detiduae, p
cahccm vix superantia, stamina quinque \) — Crescit in Nova Uollatidia

XXI. **CAUPIHOROJIYITUS** *Schemei*.

(Nlps Repert °V 730)

- I. C. BEIRII Schlectd Linnaea XX. 051 f — Glaber lamis virgatis, fains subtile
tibus, ficie canilitulatis erettis adpic&&i&, apicecum cuspidiebievi subpun^ente, extu*
cuivatis glandulosis, flonbus oppositis axillanbus in medu& ramis, pedunculo medi*
geniculato cum caljce folium aeqmnte, lob is calyus obtusissimis I;— Crtstit I*
Nova Hollandia prope Ikthaiuam.

XXIII.^b **ERICOMVRTIJS** *Turczan.*

(Turczan. Itullet de Moscou XX 154)

Calyx campanulatus carnosus ovario adhaerens, lobis herbaccis acO-
tiusculis persistentibus. Corollae petala quinque obovato-subiotund*
Stamina 20, decidua, omnid fertilia, filamentis brevibus filiformibus
theris terminalibus minutib biporosis Ovaiium vertice in.pressum
loculare inuJtio vulatum. — Fruticulus humilis ramosus: foliis ininuti^
biicatis acerosis muticis punctatis; pedunculis axillaribus uniflorih, u»
bibracteolatis, ad apicem ramulorum racemulosis; floribus par vis al
**Genus Myi Uum e subtribu Jiaetkeaccinum, Sthollziat nonnullis char i
ribus accedens, calycis laciniis herbaceis et ovario imiloculari multR
lato diversum**

- I. *E DRUM3IONDII Turczan. 1 c IJf \) — Ciescit in Nova Hollandia

Subtnbus II. **EULEPTOSPERMEAE** Schiauei.

XXX. **LEPTOSPIiRMLM** *Forst*

(DC Prodr III 226 — Wlprs. Repert II. 16< et 923. V. 740)

1. L. MYRSIN(HI)] S Stkhktd. Linnata X\ G53. f — Ramuli juniores senttl,
basi anju&tita tnnervia glanduloso punctata, jumora levitei senceo pilosi, >^
(,Iabra, concava e sp ithulato lanceolata acuta in obovatam obtusam ~~inversum~~
acumine fere mucromformi ternunitam fdrmam transeuntia, cal>cis tubo ~~obc~~
dcii&e cindide senceo, hmbi lobis biem&imis acute tngularibus ab ~~invicem~~
junctis subglabris coloratts deciduis. \) — Valde affine est *L. myrtifohum DC*
Ciescit in Nova Hollandia austrah inter Gawler- & Lightriver.

Subtnbus ni **CALLISTEMONEAE** Schauer

XXXIII. **METROSIDEROS** *R Br.*

(DC Prodr. III. 224. — Wlprs. Ucpert. II 165 et 923. V. 741)

1. M. STIPULARIS Hook fil. Antarct voy. of Tenor and Erebus 275 — ~~Glaber~~
ramis ramulosis acute tetragoms fohosis, folus paivis brevitei petiolatis ~~disi~~
ellipticis ovati&ve subacutis giossepellucido punttatis, nervis subparalltlis, bi*st r t
dulis inflatis quasi stipulatis, peduntulis folio brevioibus 1 — 3 Qons, calyce ~~br~~
tato glabtrnmo, dentibus erectis breviter ovatis obtusis, staminibus petalis> ~~ter~~
giotibus, capsula obovato turbinala coriacea triloculari, semuubus pluumis I> ~~nar~~
testa reticuiata. ^ — Rami graciles, cortice emereo tecti. Folia ¹/j unc ~~*oz o^~~
vo virescentia, subtus pallidiora. Pedunculi ^k longit folii. Capsulae sobe ^{ret}
*₄ unc. lougae, obscure pentagonae, extus infra lobos calycis pons 5 irreo ~~iloi~~
rumpentet.. vSemina parva lmearia fugacia. — Ciescit in Chonos Archll ^{elaσ()}

XXXIV. **KIXZEA** *Rchb.*

(Wlps Repert °V. 741X)

1. K SERICEA furczan Bullet, de Moscou XX. 162. — Folus alternis ^{sesS, J^U} flt>>
neato oblongis vel cuneato obo\atis bieviter mucionulatis, utnnque ~~sericc~~

is Urniuilihus spi< Uis , pMliincuhs tilycc sericio tomcntoso brevionbua, ovino I 'inquitloLulan t) — Frutex ramosus, 1 inns unerascentibus, novellis SLTIU IS, spicac 1 n\<s 5___7 floiae, pedunculi bncteuque hncui oblong le senteac, petili stimina (ue lihtuui stilus longe exseitus basi parum dilatatus, stigma c ipitellatum — Cic s<<it HI Nova Ilullaudia.

XXXIV. EUCALYPTI S *IJuit.*

(DC Prodr HL 216 - Wlprs. Repert II 163. et 921 V. 743)

§. 1 *Folm alternts*

- 1 Mj 1 ALCATA Turczan Bullet, de Moscou XX 1(>3.— Ramis teretibus, foil is alter us, bisi acutis, apice longc acuminatis linean lmceolitis filcitis , obscure punctatis liutis turn lv us, nerws later ilibus martini approximate , umbelhs lxilluibus 0—S >iis, folus brevionbus, pedueuhs delltxis petiolus multo supeiantibus, pedicellis I ivato angulatis, operculo comco acuto cupulam longitudine quuliuplo exceduite ique in^ustiore T) — Crescit in Nova Hollandiu
- 2 k[] GOMAI\NWIA Turc7an 1. c. — Hunts teretibus? folus altunis lanceolatis utrin tje attenualis viridthbus opacis impunctatis, umbelhs ixillaribus 0 — 8 flons in pail 'Us collectis; peduncuhs dedexis complanatis , pedicellis, cupulis opt lculisque angu latis rugosia, pedicellis clavatis operculisque COIILIS obtusis cupulam duplo e\te dentibus, latitudiu lequalibus. /) — Ciescit in Novi Holl mdia
- 3 ^ ^ \VISIIIONJ M V Tuic/an 1. c. — Kamis teietibus a basi ad inflorestentium nu ^Is: folus super (lores sitis alternis angu&te liean lanceolatis , utrinque acuminatis v>ndibus ptilncido punctatis sujffalratis, umbellis axillanbus qumqueflous in pamcu ^M> tontractim collectis, peduncuhs trc^tis (demum forte defle xis) tomprcssis, pe ^l >lo pedicellisque multo longioribus , ptdiculis tupulam tuibinatam lequantibus, ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 4 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 5 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 6 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 7 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 8 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 9 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 10 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 11 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 12 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 13 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 14 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 15 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 16 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 17 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 18 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 19 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 20 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 21 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 22 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 23 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
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- 99 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus
- 100 ^l>u; iulo (immaturo) comco cupulam subaequante /) — Filamentis rufo aurantiaus

- gum, 5 — 8 lin. latum) ex Inferiori paulo latiore et in ipsa basi acuta parte attenuatam in acumen acudissimum excurrit, uiaequilaterum et pluimumque curvatum, Umbellae axillares 2 — 5-floiae, pedunculus commurus partialibus circiter 3 lin. longis duplo triplove Jongtor. Alibi et trum pedicellum longitudo acquitubo calycino semigloboso, operculo depresso scimgloboso, medio subulituro rostro 1% IIQ. lotijo Stamina tubo ciljuno longiora, pistillo angulato, ipite obtusostigmatifero, stammibus breviora. — Crescit in Nova Hollandia austri ill.
7. EU. COCUH EUAUOOK. fil. Loud Journ. of bot. VI 477. — *Hamis* ramulisque teretibus laevibus pluimumque ghucis, folis alteris parvis unifoimibus lint in cllanceolate vel anguste ovatis aequo natis, utrinque attenuatis, apicibus juniorum cinatis hamatis, pedunculis brevibus trifloris, laevissime 4 — 8 (lons, alabastinis apicibus compressis obovato obconicis, operculo depresso, apice concavo, capsula rugosa, capsula obconica hemisphaerica latiore quam longa, basi versus bicostata brevissime pedicellata, pedicello compresso, ore piano dilatato, rarius concavo vel concavo, valvis alii capsulae parvis) — Arbor pauciflora pedunculata, ramosa. Folia concolora, sublonge petiolata, petiolo 1/2 unc. longo, lamina 1/2 unc. longa, 1/2 — 1 unc. lata, elliptico ovata vel lanceolata, vel lanceolata omnia univaria Peduncululi breves, fere omnes triflori Alia a sessilibus longitudo illi imo vixit, longiora unclullu, obovato obtusoluce pedicellulii buvia 1/4 longitudo scissilla, breviter oliinua, omulit compitkna Capsula 1/3 — 1/2 unc. utrinque carmatae, caudae cum alius pedicellum continuae, nunc ad os capsulae productae, nunc supra basin evadit. — Crescit in Van Diemens Land in summontibus.
8. KLJ. GIGANTEA Hook. fil. I c. 479. — Ramis ramisque laevibus elongatis gracilibus foliis alteris sublonge petiolatis anaplis, oblique cuivatis ovato lanceolatis, acuminatis, basi valde maequalibus, costa distincta, nervis lateribus divergentibus pedicellis elongatis multifloris, alibustris linearibus clavatis obtusis, cupulis (flore) obconicis pedicellatis, operculo breviter hemisphaerico obtuso vel fuscicuto, cupula aequilata brevior, capsula mijuscula pedicellata obconica Ucmisphaerica turbinata ore paulo contracto vel subglobosa ore valde contracto. T) — Arbor celsa, 150 — 250 pedalis, trunco basi nunc 20 — 2b ped. diametr. Kami ramis gracilibus elongatis. Folia 4 — 6 unc. longa, 1 — 2 unc. lata. Alabastra elongata, cupula bis terve longiora. — Crescit per totam Tasmaniam.
9. KU. VJLRNICOSA OOK fil. 1. c. 478. — Ramis validis, rimulis acute angulatis, ins alteris parvis unifoimibus breviter petiolatis crasse concoloris late ellipticis, utrinque obtusis mucronulatis nitidis verrucosis, pedunculis brevissimis floris, alabastinis sessilibus late obconicis, operculis cupulam subaequantibus hemisphaericis subrotatis, capsulis hemisphaericis ore non contracto pedicello depresso. 1/2 — Petioli 1/2 unciales, lamina unculis, 1/3 — 1/2 unc. lata, pedicello 1/6 unc. longi. — Crescit in Tasmania.
- §. 2. Folia opposita.
10. EU. RISDONI Hook. fil. Lond. Journ. of bot. VI 477. — Folia opposita datissimum sessilibus vel basi lata connatis, junionibus cumramulis alabastro pulvere glaucescentibus, pedicellis axillaribus 4 — 10 (lons, alabastinis clavatis, operculo depresso hemisphaerico, umbone nullo, capsula breviter lata obconica rotundata, ore paulo contracto, margine piano latiusculo, valvis 5 — Arbor 20 pedalis, e basi ramosa, aspectu glaucescente, ramis pedunculatis, ramulis gracilibus, cortice laevi. Folia 1/2 — 2 uncialia nuda nata, latiora quam longa, obtusa cum mucrone. Pedunculi 1/2 — 1 unc. unculis, bastra 1/4 — 1/2 unc. longa. Capsulae 1/2 unc. longie, extus laeves vel laevissimae, nitidae. — Crescit in Van Diemens Land, Risdon, on the Derwent.
11. EU. URNIGEKA Hook. fil. 1. c. — *olus ovatis vel linearibus ovatis rectis, utrinque angustatis, plensque in petiolum sublongum attenuatis, pedunculis elongatis trifloris alabastinis cylindraceo urceolatis, tubula depresso Hamis

latiuscula umbonata vel mamillata, fructu lignoso urceolato hinc infra obovatum crassum
 •aide constriictu h — Arborescens viminalis, ad circummontium aibuscula, in
 convallibus montosis arbor 20 pedalis vel procerior evadit Ritnue exempli alpestril
 hinc rufosiusculi, nudi rufescentes, primis erionibus laeves glauci Folia U₅—4 unguibus longa,
 bis ad quatuor longiora quam lata, coriacea, plerumque nitida Alabama »/, ad J*
 u« c longiora, plerumque magis minusve urceolata 1 mrtus »/4— 1 unguibus longus elon
 gatus vel rufus globosus, semper inna os dilatatum contractus. — Crescit In
 ^an Diemens Lmd, mount Wellington.

t Icones addendae.

^PU MACROCARPA nook — (Repert II 164 no 10 *V 744 no. 11) — nook Bot
 Mu>ij t 4333

[^] PREISSIAN V Schautr — (Repert V 744 no 8) — Hook Bot MJ#M. t 4206

Subtribus IV. PHALANGIDEAE Schaueri.

§. 1 HELALEUCEAE Schauer

XLIII. (6298) MLLILLICI Linn.

(DC Prodr. III 211. — Sihaur in W Iprs Repert. II 112 a 927. V. 745)

¹ *! (*Cosmoitemon*) PUSTULVTV Hook fil Lond Journ of bot. VI 476 — Rums
 eubus iubo stratis, ramulis puberulis, foliis glaucis lteris subapproximatis erecto
 P[^]teidibus subrecurvis crassis glaberrimis linearibus obovatis an^oiiste lteribusve obfu
 » supra plaris, subtus concavis, punctato tuberculatis, capsulis flavis terminalibus
 *es&ijli^{US} plundors sphieucts, hvpmtbio becviter villosis, calycibus glaberrimis,
 lo^l»8 subherbaceis, phalan^abus stamnum 5 Ij^t — Rami graciles hinc e basi petio
 lo^ruoⁱ continuis albidis stniti, nervulis puberulis. 1-olia x/i—V«^{u^{nc}} longa, sub 1
 l^{fn} lata in petiolum brevem angustata Capitula vK i₂ unguibus diametr. Flores parv.
 Cl^l-scit in Van Diemens Land, Campbell Town etc.

² J^l (*Cajuputij*) LANCIFOLIA Turczan Bullet de Moscou XK 164. — Ramis ramu
 lisque tertibus glabris, foliis alteris anguste lanceolatis acuminatis, in petiolum
 longe attenuatis glabris multinerviis, nervis pumaiis septem, secundarum totidem
 coniciatis, spicis terminalibus longissimis interruptis, floribus ternis aggregatis,
 rha^{chi} calycibusque villosis, dentibus calycis rotundatis membranaceis, phalangibus
 9 andris, basi utrinque auncularis, aunculi[^] cohaerentibus) — A IM mmore
 d^eferre videtur foliis angustioribus multimevius, nec 3 — Sneivus rimulisque fela
 hris Interstitia inter glomerulos foliorum florum breviora — Crescit in Insula
 Sumatra.

- CUMIXGIANA Turczan 1 c. — Ramis ramulisque tertibus glabris, foliis alter
 is lanceolatis acutis, in petiolum longe attenuatis glabris multinerviis, nervis prl
 l^{ta}r^u 7, secundariis totidem tenuioribus incompletis, spicis terminalibus elongate
 interruptis, floribus ternis aggregatis, rha^{chi} calycibusque villosis, dentibus
 calycis rotundatis membranaceis, phalangibus 9 andris hinc exauncularis, stylo
 juplo brevioribus. I) — tacies et characteres praecedentis, sed foha Utiora et pha
 » Bes stammeae exauncularae liberae. Spiculae florum breviores. — Crescit in
 f^{is}Ucca peninsula.

⁴ BLAEBERIFOLIA Turczan I. c 165. — Glaberrima foliis verticillatis ternis
 petiolatis & linearibus acutiusculis uninerviis punctatis, horizontaliter patentibus, spicis
 o^o l^lnc^o eia^o n isentibus, e basi fere trifloris, calyce 6«&si^o turbinate glabro,
 l^lUS pulvinate, dentibus triangularibus herbaceis, margine interdum membranaceis,
 petal^o s oblongis, phalanges 7—9 andras pinnatis divisas aequantibus, stylo stamina
 f^oerante » stigmatibus peltatis. Ij — Rami foliis Dlaerius vel Ericas nonnullas terni
 al^o ferunt — Crescit in Nova Hollia.

9. **H II URJM & I Turwn. l. c.** — Olah<rrtueu gracilis stricta; foliis erectis ovatis
 •flurnitf 4(ilrrtT((clt{>iUvfe llneaficw, semiteretibus vel subtriangulis, apice mucronato
 subulato Hi.J(iii(n'ci)<i Mutimcprvo («tuiiiafi». nervulis punctatis in petalum convexum
 rem attenuatis; spicis infli* m-tlium tnnult •itix, cylindricis multifloris densis
 •ilri'tj 1 v,ill*if<tfii!! nrlnAlit, dtDintWL r-diiiiiljil* in subterminalibus; phalangibus poly-
 drls. mtgu lacini corollae excedente. ♀ — *M. Lehmannii* habitu et pluribus non
 appropinquatur, diversa tamen spicis non apicalibus longioribus, magis phalangibus
 petala longitudine superante foliaque punctatis in petalum convexum attenuatis. —
 Crescit in Nova Hollandia.

THYOIDES Turrau. l. c. — Ramulis patentibus; foliis cuneatis ovatis
 ovatis... ..
 •in... ..
MM, dracibus retundatis membranaceis
 — *M. densa* staminibus distinctis spicis subglobosis et... ..
 r-tomentosis. — *Ctmrtk i> Jtwn* Hollandia.

7. 31. • (LIM><<< **TITUS? PACIFLORA Turrau. l. c. 101.** — Glaberrima; ramis
 subterminalibus; ramulis oppositis; foliis oppositis oblongo-ellipticis obtusis
 •balle glabris; foribus in ramulis axillaribus, prope axem basi per
 •speculo collectis; calycis dentibus herbaceis, triangulatis acutis
 petalis rotundatis obtusis; phalangibus heptandris planatis, filamentis longioribus
 stylo ad apicem attenuatis, stigmate parvicornato; fructu calyce via adherente
 mucosus tres biseres membranosas polyspermas acedente; semilibus exsertis
 quest — Species ab fracturae structurae forte vel genette, sed fracturae par-
 tibus r-tomentosis distinguit, ergo affectus staminibus et... ..
 comparanda. Repantibus ramulis (demum) longioribus, petalis albis, phalangibus
 oppositis et atheris incumbentes. — Crescit in Nova Hollandia occidentali.

Schlecht. Linnaea XL. 64. ♀ — • IU*. rer,ti.
 folia **Hi** rna petiolata sublaevigata-lucida acutiuscula patentia, leviter demum
 curvata coriacea, juncta breviter puberula, dein basi tantum puberula glabrata
 1—2 in axilla foliorum inferiorum ramulorum juniorum axillares apicem
 calyx campanulatus villis puberulis, lobis 3 acutis triangulatis breviter
 petala opposita, late ovato-rotundata, basi deflexa et recurvata, phalangibus
is-mill rium mucosus corolla brevioribus; stylis staminibus brevioribus. ♀ — Crescit
 Nov. 1 f| i*k*a **MM**: an ad R. Lightriver.

9. **M. t'f>U i'LLA T-rii**.** l. .. — Glaberrima glaucescens; foliis alternis ovatis
 elong. •Ut (<<rd-tar
 capitulis axillaribus parvicornis ad apicem calycis in apicem demum approximatis
 rima saepe solitaria; calyce hemisphaerico rotato, dentibus **t. l**** albis herbaceis
 petalis angustulatis epauctatis phalanges polyandras sequantibus; stylo staminibus
 excedente, stigmate capitato. ♀ — *M. Kubler* quodammodo accedit, sed
 alternis angustioribus, obscure punctatis; calycibus sessilibus ac basi late adhaerentibus
 petalis epauctatis styloque staminibus superante distinctissima. — Cr «*!>> **S**
 landia occidentali.

10. **M. SPARSIFLORA Turrau. L t, UT.** • — Ramulis pubescentibus; foliis oppositis
 decussatis petiolatis oblongo-ellipticis mucronatis obtusis nervulis epauctatis, nervulis
 tomentosis; foribus in axilla foliorum subulatis sessilibus parvis sparsis; calycibus
 villis. ♀ — Fructus sub-cilicatis, lacini polyspermi et seminales *Melaleuca*
 Folia fere *M. adhaerens* Smith, sed in hac serie ad apicem ramulorum in
 sunt collecta, tota planta et calyx glabri. — Crescit in Nova Hollandia.

11. **M. (Micromyrtus) THYOIDES Turrau. l. c.** — Ramulorum ramulis
 foliorum imbricatis circinnatis albicantibus; foliis oppositis decussatis, basi
 ii'itni affinis rhomboidalis, demum carinata obtusa, basi et apice adpresso glabra
MUTii epauctatis rotatis. ♀ — Flores circa apicem ramulorum capitati, in
 densis subtriangulatis carinatis, phalanges 4—7-lobatis; rami-
 petala superantibus, gemula abortiva. — O<*MMI Nova Hollandia.

6. 2. Cjil.OTü.iM.fBAE Schauer.

XUV; maxmu Schauer.

785)

L. R. GIBBOSA T* « ... Folis oppositis decussatis ...

XLVI. CALOTHAMNUS Labill.

L. C. (St I—ttmwm) VIA DOSA tiling. tMlxin <L V ...

L. C. ?*»! OSA To: < un, I. r, — i.ljT>r> rum pedale ...

L. C. LAXA Kras. Linnaea XX. 15. — Calyx ...

Suboria ii. rif l nor i RPICAE.

Thbtu HL MiRTK.It DC.

6315. PSIDIUM Linn.

(DC. Prodr. III. 321. — Wight. Report. II. 178. V. 750.)

L. PS. GALAP. JPOiIMfc U Ti .%«*(. <f tbt tUnti Ml, VS 991, --

RHODOMYRTtH a',:.

(Wz. Spiel. Neilgher

Calyx tubus coritem, KmbiK <[ttini]u*;lttttu*, ncBiivaiioii* quincun-

> aibusculac: foliis opposilis ovalibus trineiviis ooiaceis impuictatis, primum pubescentibus, postca supra glabriusculis, infra villosis tomentosis; pedunculis axillanbiib 1 — 3 floris, apice bibiaotcolatis, lyce petalorumque pagina exteiore tomentosa, petalis subellipt^{ic} intus rubentibus, extus adpiesse pubescentibus; slaminiibus numeiObjV¹ mis, fildinentis pnrpureis, antheris parvis, stylo stamina aequante b&' suni attenudto, stigmatate capitato, bacris globoiis tomentosis succulents matmis lutci&, calycis lobus per&istentibus coronatis.

1 •Uil. (MYIirUS Ait. — DC. Piodi III) IOMENIOSA Wght 1. t. 60. t. 71- ^ Wtshl. Icon pi. II. t. 522. et III. of Ind. bot. II. t 07 * (v. tab. 123.) fig 3. %** Ciescit in India onentali.

6317. MYRCIA DC.

(DC. Prodi. III. 242. — Wlprs. Repert. II. 173. et 932. V. 751)

1 M RUrULA, Miquel, Linnaea XIX 440. f — Rimulis, petiolis, podunrulis subtus lufo hutellis, sensim glabritis, his supi i puberulis, adultis pliluis dis oblon^{is} \el sublanceoHto oblongis obtusius(ule acuminatis, basi icutis, bus acutitis incuivis, vcms liorizontahbus ante mar[^]mem an uatim pamculis axillanbus et termmalibus, ramis oppo&itis, flonhus tunar im a[^]^legatis se[^]silibus, calycis tubo brevi subturbinito appresse incano birto, lotundatis concavis petalisque pubeiuh et ciliolatis t; — Crescit in piovmtid ittrafs Itiasiliae.

2 M PUBIPFTALA Miquel 1 c. 441 f — Ramulis, petiolis, folns subtus peduncul^s tdiuitemi fus<< scenti tomentellis, folns modice petiolatis oblongis ibiupte[^]acutis, acumiic ohtuso, bi&i acutis, roriaceib, bupia glabns, pdlucido puut^{tu} veins bonzontalibus rectis piQ[^] mar[^]nem arcuatim conjunctis ubique rticul utiinque prominulis, p im< nllB axillaiibus et ternunalibus(f) rufo tomentelli⁵ lio brevioribus, i im< tiillions, flonbus sc&silibus, calycis rufulo incano Im^{s1} tmbinito lobos aequante, pctahs extus senceis (paivis). l) — Crescit >⁰ silia

6320. SiYZYGIU]?! Gitr.

(DC. Prodr. III. 239 — Wlprs. Repert. II. 178. et 933. V. 732.)

I S MONTAMJM Wght. Icon plant, tab. 1060. — Arboreum ramis juiiioiil^{o8} jltelladonis, lutei an[^]ulos depressis v. concavis, folns coriaccis e\ obovato acuminatis suboibicanibusve, breviter petiolatis, cjmis teiminalibus eo^{*v} multidons, rimulis omnibus in fasciculum tufioium desmentibus, floribu*¹ petalis adh lerentibiis, calyce obtuse quadnlobo persistente, fiuctum cor^{fi} fiuctu globoso, baicis ma[^]intudine illaium liibts rubn. l) — Crescit iu tali ad Neilghenies.

2 S SIEREKIANUM Pisi. Botan. Bemerk. pag. 69. — Tolns oiato lanreolat[^], mtis undulatis glabeuimis penninerviis conaceis, subtus glaucis, c>mi*^{III} tncnotomis, calyce quiquedntato, duitibus rotundatis. \) — Petioli⁴ foliorum limbus^{2/o} polhc. longus, pollicem latus, ner\i tiansveisi subtus tes, venulae leticulatae. C>ma multifloia I lores uitei coiigeneres m>¹⁰ nempe tres linens longus. Stamina calyce longioia. — Differt a S. petiolatis penuineivns, subtus glaucis, cal[^]cibus 5 dentatis. — Crescit >>> Maurita.

3. S. LONGirLORUM Prsl. 1. c 70.; — GJabeirimum folns Petiolatis lanceolatis acuminatis obtusis tenuissime nervosis, basi acutis, tncnotoma multiflora, calycis quadnfidi tubo turbmato, pedicellum tup lacinus rotundatis, petalis obovatis, st>lo elongato. — Ciescit m lippims.

6323 IXCE\II Linn

(DC Prodi III 2b2 — Wlprs Hepeit U 181 et 933 V 752)

- 4 * CRASSII-OLIA Miquel Linnaca MX 439 f — Glabra foliis breviter petiolatis ovato vel elliptico rotundatis subemarginatis, una basi in petiolum attenuatis, margine subrevolutis crassis rigidis tenuiter venulosis glanduloso punctatis pedunculis axillaris, pedicellis oppositis ipse triflorus, florum luteo sessilibus lateribus calycem bibracteolatis, calyx tubo tubinato, lobis lobulatis — Ciescit in Musilii
- 2 * ACMIIVATTE SIMA Miquel, Linnaca \ 1 \ 440 f — Ramulis, petiolis, foliis praesertim ad marginem pilis sparsis longiusculis pubescentibus, foliis angustis ellipticis longiusculis angustis et acute attenuato acuminatis, subtus crebre punctatis venis in ipso nervo confluentibus et nervulum marginale distinctum, pedunculis immixtis folio brevibus tunc floris medio sessilibus lateribus pedicellis et sub calyce minutissime bibracteolatis tubulosis lobis puberulis tubo brevi turbato longioribus — Ciescit in piuvina Minus Gerats Urasilii
- 3 t MOIUTZIANA Karsten, Auswahl neuer Gewächse Venezuela s*) p 18 t tab b — Aboi vata 80—100 pedalis truncata, cortice cinereo, cacumine ramosissima, ramulis junioribus compressis, pedicellis calycibusque tinnimomeo fimbriatis, foliis petiolatis oppositis conatis pellucido punctatis ellipticis basi apiceque rotundatis, 3—4 poll longis, 1/2—2 poll latis nervis mastomosantibus, prope marginem revolutam coniluentibus, supra glabris nitidis subtus teretibus ochraceo adspersis, tubulosis axillaribus cymosis, polhem dimidium in diametro, in pedunculo tenuiter revivente sessilibus, bibracteolatis, bracteolis minutis squamiformibus, cilyte lobis quatuor lobis, lobis ovatis, corollae parvulae quatuor obovatis albis, antheris subbifidis stylo curvato, bacis siccis olivaceis monospermis X) — Ciescit in Venezuela
- 4 * DAUWINII Hook fil. Antartica Tenore and Titius 277 — Ramis teretibus rimosis junioribus pubescentibus foliis petiolatis glaberrimis conatis elliptico oblongis abrupte acumatis basi truncatis obscure punctatis, margine revolutis, pedunculis terminalibus lateralibusque puberulis, folio aequilongis erectis pinnatis acuminatis, pedicellis oppositis, florum parvis perigonibus albis deorsum quinquefidis segmentis obtusis, staminibus plurimis petalis emarginatis perigonibus — Linnaca / folia conata, 1/4 unc longiora, v. lita, nervis distinctibus variatis Pedunculi infra calycem articulati, minutissime bracteolati pedicellis lobis bracteolatis Calyx 2 lmm latus, segmentis pateulis. Petala alba Stylus longatus vilidus Ovarium immaturum in locis lotulis biovulatis — Ciescit in Chili austriaco

\ Iconb addendae

- B ARNOTTIANA Wight — (Repert II 180 no 24) — Wight Icon phytologiae ODI cl Spicil JNeil, harr I Gl t 72
- * CALOPIYLLIOLIV Wight — (Repert II 180 no 27) — Wight I l c c t 1000 t t 7J

Tribus IV. BARRINGTOVIEAE DC.

6326. CAREYI lxx

(Dt Piodi III 29J — Wlps Repert II 192)

- 1 t MACROSIACIYA W Jack Cicutta Journal of the natural history IV p 300. — ~~habitat~~ foliis petiolatis obovatis subserratis, lacinis lateralibus minutibus distinctissimis, lobis baccatis multisematis — Ciescit in Pulo Pinui.
- *) Cf W & J, nrs, Lpikiitiches Sndsclneiben an Ilcira Heimaun kaisttn (Ib48)

Ordo LXZXIX. NHANDIROBEAE St. Wl

(Wlps. Repeit. bot. syst. II. 104. et 1)33. V. 738. — M. J. Roemer, Famil. natur. vrg¹
veget. synops. monogr. II. p. III — US. — *Cucurbitacearum* t'lb. I. DC. Prod¹
III. 297.)

5122/2. PESTALOZZIA Moritzi.

(Moritzi, System. Verzeichn. tier von II. Zollinger auC Java ges. Pflozn. p. 31.)

Flores dioici. Masculorum calyx quinquefidus. Corolla pentapetalo calyci inserta, ob similitudinein omnium partium potius perigoniini OV< lum, lobis biserialibus. Stamina 5, filamentis brevissimis connatis, V¹ calycis fundo sessilia, antherae extrorsae biloculares. flores focmj nei ¥ — Planta scandens cissoidea Javanica, inflorescentia a*¹ laris paniculata, flores minimi.

1. P. PEDATA Zolling. & Moritzi 1. c. — Foliis pedato-quinquefoliolatis, superiorly¹ ternatis, foliolis orntis, grosse serratis acutis, serraturis mucronatis; pauculis^{aXI} laribus termlnalibusque folio longioribus, cirris axillaribus simplicibus v. ap^{ceffl} versus subramosis sinistrorsum spiraliter tortis. 2j.[^] — Crescit in irisula Java^{^ tr} pas fl. Tjapi.

Ordo ZC. CUCURBITACEAE Juss.

(DC. Prodr. If I. 297. [excl. trib. I.] — Wlprs. Reper. bot. syst. II. 193. V. 738. -* M<
<). Roemer, Familiar, natural, regn. veget. synops. monogr. II. p. 1—111.)

5125. CYRTOtEMA SchracL

(Wlprs. Reper. II. 195.)

1. C. MOLLE Knze. Linnaea, XX. 49. f — Foliis subcarnosis incano-velutinis ren<*>^{om} orbiculatis, obtuse quinquangulatis sive leviter quinquelobatis, lobis obtus^{ma} cronatis repando-dentatis; pedunculis masculis racemosiS) folia subaequ^{ib} foemineig. . . . ?j fructu. . . . ? 2j. — Crescit in Promontorio bonae spei.

5128. AXGIRIA Linn.

(DC. Prodr. III. 318. — Wlprs. Reper. II. 197. V. 760.)

1. A. MAKOYANA Lemaire in Van Houtte, Flora der Gewachshsr. III. t. 222. ^^ Tota liirsuta: caule elongato &candente subanguloso, summo sulcatlm tereti* ^ basi profunde triangularl-emarginatis rotundato-trilobatis, lobis lanceolatis ^C ^ mis, margine subdenticulato-spinulosis; cirris simplicibus foliis brevioribu^{des} dunculis duplo quam petiolo longioribus; floribus in spicam capituliformem^{bf} sessili-congestis; calyce carnosissimn miniato hirsuto 4 — 5-phylo, segment^{ic} lato-linearibus acutis, petalis brevloribus luteis papillois obtusis, faud ca^v ^ sertis; antheris 2 ovato-conlatis parieti inflatae calycis dorsifixis, filam^{en} lis. 2j.? — Foemina desideratur. — Maxima affinis A. spinulosae et capita*⁰⁶ et Endl. — JUomordica palmata Hortul. — Crescit in Guatemala.
2. A. TRIPHYLLA Miquel, Linnaea XIX. 13G. f — Foliis brevltet petlola t[®] trifallo[®] latis, petiolulis petiolum aequantibus, foliolis membranaceis lanceolato- ve^l simplicib[®]

oblonga hievitei ibiupte acuminatis integerrimis, lateralibus inaequil itens, medio
aequill ct latiore, pedunculo longissimo, floribus (fem) subfisciculatis 2f. — Pe
tulus 2 cent. foliola lateralialia 13 — 14 cent. longa, 5 liti, medium 3¹/_a 1 itum. Pedun
culus 20 cent longus flores 1% cent, lon¹/_a flavi I Ab A. *trifoliata* Linn foliolorum
forma, floruin dispositione caet. evidentei differt. — Crescit in Surinam.

5130 niVOMA Linn.

(DC Prodi. III. 304 [excl. spec plunb.] — Wlps. Repert II. 197. V. 700)
fin. \SPERIFOLIA Prsl. Bot. Bemeik. p. 72. — Caule sulcato glabro, folus coi
tis trilobis dentatib, utrinque calloso luspidis, lobis Jateiahbus dilatatis angulatus,
m <lio longiore, petiolis laeviusculis striatis, peduncuhs foemmcs 2—3 fasciculatis
(l) k¹is laevibus, pctiolo duplo brevioribus, fructibus globosis ^labris dispermis >
Semnibus compressis an^ulatis tuberculatis. 2f. — Folia usque quadriipollicaria, utrin
que muricibus eallosis caitila^meis albis acutis rectis, e basi lata rotunda exonenti
bus obsita, apicibus muricum abruptis et basi lata lemanentc quasi squamis obsita.
Petioh pollicares glabri aut muricibus rans ad&persi. I lores masculi ignoti. liuctus
^agnitudme Crjasi, e sicco flavi. Semuia lmmar^lnata fusca velutina. — Cre&cit in
insula Martinica

f Icon addenda.

u **HOOKERIANA** Wght & Am. — (Repeit. II. 198 no. 5) — W,;ht. Icon, plant,
tab. 738

5140. TRICHOSIXTIE^ Linn.

(DC. Prodi. HI. 313. — Wlprs. Repeit II 202)

l <T U. COLUBRINA Jcq. — (DC. 1. C 314. no 3,) - Lindl. Bot Regist 184C tab 18.

5141. FXATKRItxTI Jiq.

(DC. Prodr. HI. 310 — WlprnTltepert II. 203)

l *
*^o ^ORDATU3I Hook, fil in Trans ict of the Linn. <oc XX. 224. — Glabnusculum
fuiis membranaceis lotundatis, basi piofunde cordatis, lobls^%tund itis approximatis,
thlu obtuso, membranaceis, maro,ine obscuie smuato dentatis, utunquc sp ir&e papil
latis; j ad nrvob minute seto&is, cirns bifidis, peduncuhs masculis el<on>, itis bi —
t>^di8 bi— tuftoris, flonbus luteis, foemmcs ad basin pedunculi mans **bulitun**,
calyce lon^o tubuloso, basL truncato, infra limbura brevis&ime quinque deutatum lui
aut^o* 2]. — Crescit in James Island.

5146. kYCIOS Linn.

(DC. Prodr. HI. 309. — Wlprs. Repert. II. 204)

l. s* **VILLOSA** Hook, fil In Transact of the Linn. soc. XX. p. 223. — Caule, pctlohs
P&nirulaque tomento laxo pitente glanduloso vestitis, cirns corymboso multifidls;
f^ous longe petiolitis, late ovato rotundatis, basi profunde cordatis, obscure smuato
l^ooitis spinuloso dentatis, supra papill itis, subtus pubeiulis, flonbus misculis pain
ulatis, pedunculo folium supciinte tripartite), raims mulliduns, pedtcellis patenti
r*flexls elongitis. 2]. — Crescit in Chailes Island.

l. s **CREMOCARPUS** S. Schauer, Linnaea \X. 722. * — Glaber folus tubercuhs
spatis scabnu&culis, ba&i sinu lato arcuato cordatis 5 lobis, lobis acutis intogernmis
vel lepaudo denticulatis, uiteiniedio productiore Janccolato, infimis angulato divan
caly, cirns simpheibus, flonbus masculis laxe racemosis, femineis singulis axillan
bus; i fiuctibus sublunato ovatis glabns sed aculeis herbaceis longis eclnnatis. 2]. —
^scit m Mexico.

UtETENSIS Hook fil. Lond journ of bot. VI. 473. — Caule spaise piloso vel
fato, cirns tnfidis basi pctiolisque pilosis, folus membranaceis remfonm rotun
t^o Profunde coidatis (sum late lun ito) 7 lobatis, lobis tngulatis acutis me^ula
t^o et Ser^oratis, lateiahum apicibus conniventibus, supia punctis sparsis pubemlts, sub
t^o Pfacci^opu id nodos pubescenti pilosis, pedunculis petiolo brevioribus pubescen

tibus, superne glandulosis, masculis racemose capitulis longe pedunculatis; «van setis retroisum hispidulo. 2\ — Caules 2—3 pedales, crassitie pennae anatmae ultra, ad nodos jiaaeupue piJosi. l*etioli unciales. loha suh- 2 uuc. lata, lobo i»* niedio nunc prудutto lon^e acuminato, pneupue veibus petiulum et ad basin nei* rum pilos»a, pilis membr maceis subscanosis. Capitula mascula G—8 flora, florid pedicellatis, fa unc. diametr., pedicellis 2 — J lin. longis pubestentibus piM"e apice glanduloso capitellatis. Capitula foeminea breviter pedunculata, stUb vi^{ult} longis. — Crescit in Flinders Island, Sisters Island.

Ordo XCI. PAPAYACEAE Mart.

(Wlprs. Repert. bot. syst. II. 2>5. — M. J. Roemer, Fanul natur. regni
monogr. II. p. 119—124)

Ordo XCn. BEGONUCEAE B. Br.

(kndl duiu pi. p. 941. — Meisn. Gen. plant. vascul. I. 336. II 218. — Wl|"
pert. bot. s^kt. II. 206. et OJ4. V. 766)

5153. **B K G O M i** Linn.

fWlprs. Repert. II. 206. et 934. V. 766.)

1. B. RICIMtOLIA Alb. Dietr. Allgem. Garten*. 1847. XV. 282. — Acaulist rhizomat
repenti, folus radicaibus palmatifidis, supra hirtis splendebus, subtu» purpureo
nervis prominulis Inrsutis, lobis latis acuminatis sinuato dentatis, petiolis seal^{equ}
hirsutis rubro punctatis, cymis dichotomit*, cipsul le alis duabus angu&tioribu^
maxima membranacea alba. 2i — Crescit in Brasilia.
2. B. FUCHMOIDES Hook. Bot. Maga/ t. 4281. — Paxton, Maga/ of bot. 1847 V^
(c. ic.) — Van Houtte, Flora der Gwch&hsr. III. tab. 212. — Subdioica caule f
ramoso glabernmo, folus semiovatis obliquis subfalcatis acutis serratis cl,1
niculis in ramos terminabus flonbusque pendentibus, masc.: sepalis 4 m d^
conniventibus, quorum 2 int. oblongis mmonibus, 2 e\l. majonbui ovatis t
cymbiformibus, foem.. petalis 5 ovatis conniventibus, ovario fructuque tn*
unica multo majore, pedicelhs tnquetns. 2|. — Crescit in Nova Granada. 4u
3. *B. CORIACEA Hsskrl. mss. ex Zollinger, Flora (B. Z.) XXX. 663. — B, ^ fi
H&sLfl. — Repert. V. 766. no. 2. — B. Hasskarh Montzi, Ver/eichn. «^{ter}
Zollinger in Java gesammelten Pflanzen p. 34.

† **Icones addendae.**

- B. ALBO-COCCINEA Hook. — (Wlprs. Repert. V. 766. no. 3.) — Van U«^{utt}
der Uwch&hsr. III. tab. 223. — Lindl. Bot. Regist. 1846. tab. 39

Ordo XCIII. PASSIFLOREAE *Juss.*

⁽¹⁾C. Pr₀(i, in. 321- fexcl. tril[^] 3.] - Wipes. Reper. Lot. syst. II. 218. et 934. V. 770.
— J. M. Roemer, Famil. natur. n-gn. veget. synops. monogr. II. p. 123—207.)

5098. PASSIFLORA *Juss.*

(DC. Prodr. HI. 322. — Wiprs. Reper. II. 219. et 934. V. 771.)

1. *P. (Cieca) KOHAUTIANA* Prsl. Botan. Bemerk. pag. 72. — Involucro nullo; calyce quinquelobo; pedicellis axillarihus geminis petiolum aequantibus; stipulis setaccls; foliis glabris eglandulosis subpeltatis quinquenerviis ad medium trilobis, lobis ovata acutis, Merftibus divergentibus, medio pauln majore, petiolis media biglandulosis. t~. — Flores parvi uti lit /'. *minima*. Foliis peltatis ad *P. pcltatam* accedit, reli-
 2. *P. LINEAWLOBA* Hook. Al. in Transact. of the Linn. soc. XX. 222. — Caule ra-
 misque gTaciUimis teretibus, ramulis pubescentibus; foliis breve petiolatis glaberrimis tripartitis, laciuiis subaequilongis lineari-elongatis acutis integpriimis, lateralibus divergentibus, petiolis supra medium biglandulosis; cirris simplicibus. t[^] — Cre
 3. ^{ScU} in James. Island.
 1. *P. TIUDACTYLITES* Hook. fil. 1. cit. — Claberrima: caule gracill parce ramoso; ramis terctibus elongatis; foliis petioUtis im;t basi bubcordatis profunde trilobis, lo-
 2. ^{ti}* lineari-oblongis acutis integerrimis bubnieml)ianaceis, lateralibus brevioribus di-
 va-
 ricatis, interdum obtusis; pedunculis cirrisque, implicibus ex iisdem axillis; In-
 vo-
 lucro nullo; calyce quinquelobo, lobis linearibus uUtusis; ovario longe pedicel-
 'to. ^ — Crescit in Charles Island.
 * *P. PCBERULA* Hook. fil. 1. cit. 223. — Tota pilis brevibus sub lento micantibus pul-
 bescens: caule tereti ramoso \ foliis trilobis basi cuneatis, lobis lineari-lanceolatis
 acutis integerrimis, lateralibus % bievioribus erecto-patentibus, sinubu* obtusis; cir-
 rrs simplicibus pedunculisque arcuatis ex iisdem axillis; involucro nnUoi Tfibyce
 ^quinquelobu. yf — Cres< it in James Island.
 4. ⁴* (*Granadilla*) MASCAREN.SIS Prsl. 1. cit. — Involucro sub (lore triphylo; foliolis
 Ov-
 atis acutis integerrimis; calyce decemlobo; corona immaculata cal>cis lobis exterioribus
 rti-
 bus aequilonga; pedicellis axillaribus solitariis petiolo aequilongis; foliis glabrls ova-
 ^is aoumiaatis integerrimis pennlnerviis, basi acutis, petiolis medio biglandulosis; stl-
 pulis ovatis acutis Integris; ramis alato-tetragonis. ^ — Crescit In InsulaStl. Mauritii.

f **Icones addendae.**

^P* KERMESINA Lk. A Otto. — (Reper. II. 219. no. 16.) — Paxton, Magaz. of bot. 1847. p. 151. (c. ic.)

^P< LE.SCHENAULTII DC. Prodr. HI. 326. no. 43. - Wght. Spicil. Nellgh. 1.63. tab. 76.

5101. TACSOXIA *Juss.*

(DC. Prodr. III. 333. — Wiprs. Reper. II. 221. V. 773.)

^{if}* T. MOLLISSIMA H. B. Kth. — (DC. I. c. 334. no. 11.) — Lndl. Bot. Regfot. 1846. tab. i|. — van Houtte, Flora dcr Cwchshsr. II. Hft. 2. tab. 5.

Ordo XGIT. MALESHERBIACEAE Don.

(Wlprs. Rqiert. bot. syst. IF. 2123. V. 773. — M. J. Rqpiicr, Famil. natur. regn. ve*⁴
synops. monogr. II. p. 208—211. — *Passiflorem* trib. III. DC. Prodr. III. 337.)

Ordo XCT. LOASEAE Juss.

(DC. Prodr. III. 339. — Wlprs. Repert. II. 223. V. 77(8).)

5110. At KOLA SI.* *PrsL*

(Wlprs. ttepert. V. 770.)

1. A. SQUALIDA Hook. fil. in Transact, of the Linn. soc. XX. \$m — Hispido-I¹⁰⁰
caule decumbente vage ramuso; ramis angulatim flexuosis divaricatis; foliis P^{aP}
petiolatis ovatis subcutis lobatis angulatisve; floribus sessilibus; calycis tubo s¹¹
cylindraceo elongato-tirbinato, lobis lanceolatis; petalis inaequalibus late oboV⁸
dorso apicem versus pilosis. Q — Crescit in Charles Island.

5111. IUJtiNTZELIA Linn.

(DC. Prodr. III. ^ ^ p ^ VIprs. Repert. II. 223. [excl. sect. 3.] V. 776.) ^

M. GRONOVIAEFOLIA Fisch., Mey. & Lalle. Ann. sc. nat. (3. Ser.) V. 37&
Perennis vel basi suffruticosa, subpedalis distorta, tota setulis parvis patent[^]
nodulosis apice glochidiatis at usque setis longioribus simplicibus acutis tub[^]
iii&iduntilius hispidissima. Rami saepe trichotomi. Folia sparsa vel ad ra¹⁰
trichotomorum basin terna, petiolo longo suffulta, foliis *Gronoeiae* similid, s^U
culata, basi leviter cordata, l¹ ^ poll. circ. longa lataque (folia ramea minora) P^a
tinervia, leviter 7- vel 9-lobata, lobis brevibus ovatis acutis inaequaliter set[^]
Flores pedunculati diurni speciosi. Calycis tubus brevis, ovario adnatus reel[^]
pidissimus, limbi segmenta lutescentia semipollicaria lineari-lanceolata longe<
tata, in fructu coimiventia persistentia. Petala glaberrima, ima biisi coh[^]
subpollicaria, 4% lin. lata elliptica acutissima, in unguem latum erectum at[^]
lamina patentissima. Stamina ultra 100, triserialia, ima basi inter se et
talorum basi connata, caeterum libera recta filiformla bubaequilonga, corolla
Antliae rectae (nori tortae) parvae, late ovatae, oculis rima laterali dehi[^]
Stjlus elongatus filiformis indivisus, apicc breviter incre&satus et striis 5 stig[^]
(stigmatibus 5 connatis) spiralibus notatus. Capsula cylindraceo-ovata, 4
longa recta, dentibus 5 laciniis calycis oppositis ovatis, apice reflexis deli[^]
locularis. Sporophora 5 cum capsulae dentibus alternantia. Semi[^]
sima mfnuta, griseo-flavescentia, cylindracea apice basique truncata, long
striata. 2j. — Crescit in Mexico.

5111/., IHICROSPEIHIIIA Hook.

(Wlprs. Repert. V. 777.)

- J. M. RUDIS S. Schauer, Linnaea XX. 721. f — Tota setis brevibus d^e n^s j[^] i^s lochi di>
tis longioribusque simplicibus immUtis[^] hispido-scabra: foliis longe petio
g^u s[^]

¹ ~~in~~ coili\to suhrotunilts sublobatcs grosse ercnato dentilis, loins nentsque obtu
^{sls}simis, p<du< uhs tynioso laccmosis secuiuhs, coiolli stamina subaciuante 0 ___
¹ ^'it in Mexico.

Ordo XCVII. PORTULACEAE *Juss.*

¹ Prodr. HI. 3J1. — Wlprs. Repert. bot syst. II. 230 et 034. V 7S1 — *Ficohlem*
 Juss. — DC. Prodi. III. 415. [e\ p.]

5170. SE&U* HIM *Linn.*

(DC. Prodr. HI 453. — WJpis R< pert. II. 233. V. 7S4)

¹ S EDIMONSTONEI Hook. fil. in Transact, of the Linn. soc. XX. '221. — Ascendens
 caule basi lignoso dtchotome ramo&o lamisque &icitate cellulis fmfuraceib undique
^ol*stis, folii'^ internodio longtoiihus lineaiibus obtusis integemmis, basi ^ladalun
^{ait}>stidi& carnosis, floiibus axilluibus tciimnalibusque bicvitci pedunculitis, pe-
^{Am}culu cui (lore acqmlongis, bisi bibiaeteolatis, cal>ci& laciniis Unceolatis aru
^{mu}atig. 2i — trescit in Chailes Island.

5174/. LIPAROFUnIOI *Hook. fil.*

(Hook iil. in Lond journ of bot. \I. 472.)

¹ **Sepal** plerumque 5 lanceolato-subulata, ba&i connata. Petala 5 sub-
^{dec}inaba, ba&i connata lincai i oblonga membranaceo-alata trinervia, supra
^{ac}Him ad nervos incrassatd. Stcimiua 5, cuin petalis inseita, iis alteina.
^{varium} amP^u^dC «u ni uniloculare; st>lo brevi; stigmatc bifido; ovulis
^{plurimis} pldcentiii 2 parietalibus affixis. Kiuctus utriculus subcai *nosus*
^{polyperous.} Semina oibiculata, compressa fulva, testa subciustacea
^{minutissime} punctulata. — Herba pusilla cariosaf lhizomaie repente,
^{fibra}s sunplices validas elongatab emittente. Folia carnosa liueari-elon-
^{gata} obtusa, interdum superne paulo dilatata. Scapus soiitariub uniflo-
^{ua,} foliis brevior, nudus. Fiores pro planta majusculi.

¹ **L. GONNII** Hook. iil. 1. c. 473. — Ilhuoma crassitie pennae anitinu 3—o unciak
 Folia omma ladicalia patentia, 1— 2 uncialn, sub l'^ lin. lata, basi albida dilatata
^{va}S<naillia ciassa et carnosa viridia. Pedunculus (seu scapus) whdus erectus teres.
^{li} carnosa acummata umncr'ia. Petala nunc ad medium fere cualita, subaequa
^{liti} albida, veisus apicem obtusum carnosa, ner'isque corriosis supcinc incrass itis m
^{structi,} supia medium ulruique alata , alts augustis mcinbiauiccis subplic itis Sta
^{^Hum} dlamenta brevia, antheiae breves oblongae. Discus carnosus inconspicuus.
 Placentae c b isi ad apicem utricuii fere continuae oppotitae sub 10 ovuiatc. — Cre
^{^t} in Van Diemens Land, locis arenosis ad Arthur s Lakes, lakes S. Clair

5182 IUOXTIA *Mithch.*

(DC. Prodr. III. 3G2. — Wlprs. Repert. II. 238)

¹ *M. rONTANA Linn. — DC. 1. c. 3G2 — Repert *II. 328. no 1. — Hook. HI.
^{nta}ct. voj. of leior and Eiebus 278. — *M lampiosperma* Cham. — Repert. II.
^{299.} no. 2. — *Iil. Ueanfrha* d'Uiville. — Repert 1. c. no. 3.

5193. COLOBAVniS *BaitL*

(Fii&l. ill Wlpis Repeit. II. 249. V. 789.)

¹ *c SUBULAIUS Hook. fil. — (Wlprs. Repeit V. 789. no. 2) — Hook. fil. \nt
^{atc}t. voj. of Terror and Erebus 247. t. 93.

P *Dariomii* apicibus fohorum segmentoiumque perianthii muticis — Good Suc-
 cess Bay, Hermite Island, Cape Horn.

2. *C. CRASSIFOLIUS Hook. Bl. 1, c. 218. — Humb. & Jacquinot, Voy. en Pol. Sud (Bot. plaut. de.) tab. 17, fig. E. — *Sagina crassifolia* C. Verville, Mem. soc. Linn. Paris, IV, 617. — Colub. Quirana et septentr. Ind. —
3. C. KERGUELENSIS Hook. Bl. Antares, Voy. of Terra and Erebus 219, t. 32. — Glaberrima pubescentia capsitosa; caulibus ramulis foliosis; foliis imbricatis ovatis vel ovato-lanceolatis acutis integerrimis cartilagineis, pedunculis pluribus lateralibus basi ramorum ortis interdum subrectis; floribus majorecula latis six superstitibus tetrameris; capsula profunde quadrivalvi. — Radix gracilis decursum subula formis, apice rubro perperisima caerulea. Rami rubri densi compacti, 1-2 unc. longi, plures divisi, basi variis articulis foliorum obtecti. Folia perenne vix apicem ramorum imbricata, 1/4 - 1/2 unc. longa subrecte late ovata subulata, aciculae favescentis, margine incrassato. Pedunculi 1/2 - 1/3 unc. longi, ex axilla foliorum solitarii erecti, rami aequilongi, superne incrassati, infra medium latis acuti, bracteis linearibus interdum latifolialibus. Perianthium 1/2 unc. longum segmentis ovatis acutis concavae hinc bilobis, exterioribus majoribus sub 7 segmentis interioribus aequalibus. Stamina 4 fere ramosa laevia, valvis capsulae reversis, filamentis compressis laevibus subulatis, antheris parvis. Ovum in dno carmine acule globose oviforme, obtuse angulatum subulatae multiloculari styli quatuor subulatis divaricatis, lobis filigatiferis ovula circumdatis centralibus placentarum dispositis. Capsula globosa, perianthio aequilonga, sub medio vel sub basi in valvas 4 obtusas perianthii lacinias alteras duas, acutissimas plurimas, et centricas duas lacinias obtusas, latis granulatis valvifera. — Crescit in Kerguelen Insul.
4. C. DII MM. - II-tk. Bl. 1, c. 218. — Procumbens diffusis ramis; ramis prostratis foliis radicalibus paucis confertis, caulis oppositis, simplicibus ramosis linearibus subulatis acutis integerrimis; pedunculis pluribus lateralibus strictis plerisque subulatis folia latis longioribus obtusis post subulata elongatis, sepibus parvis tetrameris; perianthio segmentis ovatis subulatis margine subulatis; capsula perianthio latis longioribus ad medium quadrivalvi. — Radix fibrosa, caulis tenuis gracilis, 2 unc. longi, ramis Saginae procumbentibus. Folia viridia 1/2 unc. longa subulata subulata, obscure unguis. Flores parvi 1-1 1/2 unc. longi. Capsula valvis obtusis ramosis membranis, segmentis perianthii oppositis. — Crescit in Amsterdamae Insul.
5. C. CRASSIFOLIUSIDES Hook. Bl. 1, c. 218, adn. — Humb. & Jacquinot, Voy. en Pol. Sud (Bot. plaut., 4M; tat., i 7, fig. F. (sub nomine C. maculata.) — Dives pilosissimum cespitose ramosis; ramis fastigiatis foliosis; foliis parvis acutis subulatis ovatis subulatis coriaceis, basi in vaginam latissimam concava, marginibus subulatis; pedunculis brevissimis; floribus inter folia summa axillibus perianthio perianthio segmentis lato ovatis obtusis; capsula ad medium fere. — Crescit 2 unc. longi, ramis 2-3 lin. latis, fere incensipit. — Crescit in Chil. in deserta late orientali Andium, 18,000 ped. alt.

Ordo XCVTE CRASSOLAGEAE M

(DC. Pr.

25, V. 791.)

.ilr. HE 3Q1, — IV|tr», K^trH. h<1. v # t II. U). H U

Subordo

L, C li.l**{ijK.lBt DC

•frill; TILtIKI .I//

(DC. Pradr

Dullard DC. 1, c. 211)

. ML 3St. — M7p< Bej>r(. li. iiJ, V, ?PJ, —

1. T. PENTANDRIA Edgwith, Transact. of the Linn. soc. XX, 50. — Ramis erectis in
Ramos; foliis subperfoliatis lacinisque calycinis subulatis striatis; petalis mucronatis

...wln vrdlt sculis dispersis. — Caulis prostratus, rami
 ... Unri r
 ... Petala 3 anguste lanceolata ovata, sepalis brevioribus
 ... Species notabilis, fide et descriptione carpologia
 ... ad unum partem Italiam et aliam Africae direxit. —
 ... in Himalayis montibus.

1. PURPURATA Hook. fil. in Lond. Journ. of bot., VI. 472. — Caulis suberectus
 ... Petala brevioribus subobovatis, marginibus glaberrimis, fructibus per
 ... — Z. ... foliis angustioribus ac
 ... DC. Prodr. 111 901

*** 1612 TITITVMIT fi v Ziyk.**

iff. IL TOLtUL V. 'W. — *Crttwim* *. I*. DC. Prodr. 111 901

GRASSULA ... DC. Prodr. 111 901
 ... DC. Prodr. 111 901

»DI". I^uir. HI, -PUI, — *Wipn, lfrpat.* II, J3ftf

* K GRANDI MJUA U Jr_ — (H... & k D« J I — H'itl. Spiel. H...
 * K LACINATA DC. L t. Ji'i. no, s. — WyW(. IWSL jtjiit ab« M&».

itiSil. 1 >IHHI-i*1. S DC.

(DJ. Prodr. Hi, -LO, — WIJITH IpVprl, U- ^18. V. 702.)

U (Calyx) SPURSE UAIFOB 1PJ*«. DIJKIU pt. n. v. u. ... VL ... — Glaber
 ... it ramt* m1n ilmjlir I I
 ... tikulo ilwiJlri iH kial f—4

SANTANUS Boiss. I. c. p. 89. — Glaber; radices tuberosi pures; caulis erectus
 ... In tin
 ... miEilml* ;ope Ga|i*, ad Transalpin, tala de
 ... Algeriam.

4621. ECHEVERIA .C.

(DC. Prodr. III, 99) Iturfrt. U. 229, et 333. V. 7MJ

REJUSA Lindl. Journ. »f ille hurtic. »w, lf. HW. — «:.[. RPJ1»* . 1
 ... HuJttii r«tuti gtueti crvwUte v i i

lineari-oblongis integerrimis, basi solatis; panicula densa subserratis, ramis paucifloris. Mirpiti* lim urimt In»<qvnlh# corolla breviterbilis; petalis cordatis acutis basi gibbosis. In Mexico, in montibus prope Anagapoa.

Sutiortlit II. *HnKail l.mll.

4622. BBDOI Linn.

(DC. Prodr. III. *H. — \?»,»». H<T*tt. II. 210. *t 90*. V. 794.)

1. GRACILE. Il... I-r JI.u /,-,i, J-iR *.1. JCL — C*ul» sicut q'iliilluj fuHJx inflo-ribus floribus cymosis parvis jlt>la. in t — i'raul' Hispania IN [Uit'uTitM i wti i arratizant.

2. v I U ONII ID HUM & Boid. in Boiss. Diagn. plant. orient. nov. VI. p. 35. + — I.LHf MJAIII. f. caespitosa; foliis carnosis teretibus laevibus, basi aequali sessilibus caudiculis sterilibus densifolia abbreviatis, caulis teretibus densa foliosis caulis J. n.liu» ji caeter cymis terminalibus confertissimis cymulis subsessilibus 2—3-flo-ribus stipitatae racemose dispositae superius cernitibus; floribus sessilibus latius- palis carnosis foliis superioribus acutatis oblongis obtusis corolla dimidia brevioribus petalis anguste lanceolatis acuminatis, nervo medio valenter carinatis; antheris flavis; carpellis stylo longiusculo mucronatis. ☉ — Pit**^i 3 scilicet L. —

Kit la MIM Arabiae ad Tripolim et regionem Aegypti superioris Dagestani Anavryti.

3. S. ASSYRIACUM Boiss. Diagn. plant. orient. nov. VI. p. 35. — Annum plan- rimum : t;nir inferis simpliciter, superius ramoso; ramis cymosis racemiformibus; foliis lanceolatis elongatis basi attenuatis, sessilibus ovatis foris asper- tibus; cymis panicatis, pedicello calycem aequante suffultis unilaterales asym- ximatis; sepalis triangularibus acutis, cordatis brevioribus; petalis lanceo- lid* lanceolatis acuminatis; antheris nigris. ☉ — Mhne S. littorea Guis. —

•ell IH Auitfti ad trajectum Tigridis prope Bosch Aber.

I. ti. CAI-UI BRUUM Boiss. loc. cit. p. 35. — Annum glabrum minimum; caulis tenuissimus pusilla sessilibus, apice cymoso 2—3-flo-ribus; foliis teretibus oblongis basi aequali sessilibus; floribus subsessilibus panicatis; sepalis ovatis obtusis, corolla respectu brevioribus, petalis oblongo-lanceolatis acuminatis nervo- que intensius carinato percursis; antheris nigris; carpellis stylo longiusculo mucronatis. ☉ — Caulis pollicaris. — Crescit gregaria Intel *OHMH (caulis niger) Kah-Da'ra Persiae australis.

5. S. TS4 IJ V VM7M Boiss. loc. cit. p. 36. — Annum ip LMilium superne glaberrimum | r*»J in terminalibus apice cymoso-panicatis; foliis subtetibus oblongis aequali sessilibus; floribus pedicello capillari tortuosis la longe suffultis panicatis pallide roseis; sepalis oblongis acutiusculis corollam aequantibus; petalis ellipticis acutis cum Usi MilWu nigris; carpellis stylo longiusculo mucronatis. ☉ — Affine S. Anglica. — Crescit in humilis montis Sals-Bayehom prope Schiraz.

» S. 'A.irilM Boiss. Iee dL p. S7. — ARUHUM gUbnuu: cwilo scilicet non ap- curvato-cymoso. Mil* laevibus elongatis subtetibus, basi apiceque sessilibus la sessilibus; floribus pedicellis capillaribus flexuosis Us j ^oribus sessilibus sepalis lutescentibus triangularibus ml tonic rurulii qitltruplo hr*^i<>rtj, anguste lanceolatis acuminatissimis subsessilibus; antheris rufescentibus; carpellis stylo la subaequilongo superatis. ☉ — Crescit in lsteribus septentrionalibus Persiae australis.

7. S. nrHUI'M EJ^wrtb* TrttMct »(thu URB. WO, S.\. 47. — Caulibus foliosis, oppositis late ovatis sinuato-dentatis integrisve glaucis; corymbo terminali nudo fioro, cahi U UdiUlt ifhtuult i^rtallii •cittii »ubtrijiU> brevioribus. ☉ — Caulis ter- roni subsessentes i Mia inferiora breviter petiolata, superiora sessilibus superio- ribus vel sessilibus petiolata integra carnosae glaucae. Corymbus trichotomus, pedicel- latusque ovatae obtusae glabrae rubercentes. Petala patens rubro-purpurea

ca integra alba. Stamina MI-t.Hft*ILJr petalis breviora, antheris rectis. Carpella erecta, breviter stylis apiculata. Glandulae subrotundae integrae. — Affinis *S. Telephio*, *Gervilliano* etc. — *S. rtt I* in rupibus Himalae alt. ped. 9—1000.

8. *S. SINUATUM* Edgew. l. cit. Caulis simpliciter erectus, foliis linearibus, apice sinuato-tridentatis trilobatis; lobis axillaribus subcorymbosis, lacinae calycinae obtusa petalis acuta paulo brevioribus; glandula truncata integra. — Caulis glaberrimus, folia basi attenuata, nervi terminales, lacinae linearibus. Petala longiora acuta palmata alba. Stamina alterna paulo breviora, antherae fuscas. Carpella erecta, in fructu erecta, sepala elongata subaequalia. — Crescit in Himalae montibus vel rupibus vel raris silvestribus frequent ad alt. ped. 6—1000.

9. *S. ADENOTRICUM* Edgew. l. cit. 48. — Folia serrata crassa; scapis erectis paniculatis multifloris; pedicellis calyce petalisque calice glanduloso-pubescentibus, glandula emarginata. — Radix repens. Caulis erecti, basi foliis glabris, supra paniculati glanduloso-pubescentes. Folia obtusa, basi cuneata. Paniculae subcorymbosae, pedicellis glanduloso-pubescentibus apiculatis. Calycis lobis glandulosis, lobis glabris lacinae acuminatae, petalis breviter breviora. Petala truncata acuta, apice marginata curva, nervi medio glanduloso. Stamina 10 petalis breviter subaequalia. Glandulae oblongae emarginatae. Carpella 5, stylis persistentibus apiculatis, in fructu erecta. — Affinis *S. siliqua*. — Crescit in rupibus Himalae montibus, alt. ped. 3000—7000.

10. *S. ROSULATUM* Edgew. l. cit. — Repens; foliis rosulatis cuneato-cylindricis abbreviatis; scapis erectis subnullis paniculatis, pedicellis calyceque glanduloso-pubescentibus; petalis emarginatis mucronatis calyce longioribus. — Caulis stolonifer, folia crassa integerrime glabra. Scapi paniculati. *a—^* duri. Flores longiuscule pedicellati majusculi, pedicelli calyceque breviter glanduloso-pubescentibus. Calycis lobis obtusis, petalis dimidiis brevioribus. Petala oblique emarginata mucronata alba. Stamina alterna breviora. *.....* 1 Carpella stylis longis apiculata. — Crescit in Himalae rupibus montibus, alt. ped. 7—3000.

11. *S. MUCRONATUM* Edgew. l. cit. — Caulibus foliosis; foliis linearibus; cymis paucifloris; lacinae calycinae obtusa, petalis acuta longioribus brevioribus; antheris mucronatis; glandula emarginata. — *.....* Caulis erectus vel teretes erecti *pf-trall* vel *pendul*. Folia subelliptica subultramarina obtusa integra vel apice magis minusve densiuscule patentia. Cymae 2—7-florae terminalia. Calycis lobis glabris lacinae ovatae obtusiusculae, petalis plus duplo brevioribus. Petala palmata alba. Stamina inaequalia epipetala longiora, cymis petalis breviora, antherae mucronatae rubrae mucronatis. Glandulae oblongae majusculae. Carpella erecta, in stylis longis attenuata subaequalia. — Crescit in rupibus apricis *li NiJtiUr*, alt. *[tod.* 5—10000.

12. *S. PAUCIFLORUM* Edgew. l. «M.*. — Caulibus foliosis; foliis linearibus; cymis paucifloris; lacinae calycinae petalis oblongis subobtusis duplo brevioribus; glandula rotundata integra. — Habitat crassum, caules numerosi *lrli-lr.il frfu* *trall* vel *pendul*, folia glaberrime obtusa cymis paucifloris palmatis integra vel apice densiuscula. Cymae terminales 2—8-florae. Flores majusculi patentia. Petala oblonga vel subaequalia. Stamina 10, 5 paulo longiora petalis opposita. Antherae mucronatae purpureae. Carpella in stylis brevem subiter demittentia, in fructu erecta. — Haec species et *S. mucronatum* foliis et habitu omnino *S. linearifolia* Royle similes sunt, et semibus satis distinguenda, cymis 2—7-floris, rarissime et nunquam multifloris petalisque hujus obtusis, lacinae acuta nec acuminata. — Crescit in rupibus Himalae aprica, alt. ped. 7—8000.

13. *S. (RHODIQUA) IMBRICATUM* *i4f<ik* *(#04* *imbricatis* late intercolatis integris sculis; corymbis simplicibus; lacinae calycinae obtusa, apice incurvata, petalis linearibus brevioribus; staminibus petalis longioribus. — Glaberrimum; rhizoma crassum odoratum, caules numerosi foliis erectis (petalis). Folia alterna imbricatis approximata sessilia plana, vix carinata. Corymbus terminalis multiflorus subsimplex. Flores masculi, calycis glabris

lacinae A lincarr* ••liCur, tr . apice incurvato-subclavata, petala dimidia breviora
 Petala
 lilla longiora. Ovario 2
 <lt;tr1ii.i. Ckt1iut-u< •uFbrofrjiJup lltltngrad .Ffflf** frriiii't 7 — Difert a R.
 Adaltes (olun crftliKhrliiiiH iatiorjliuu. m SVWM JfSmUfHi (toritiui polygamia tetrameris
 et foliis integris. — Crescit in Himala ad alt. ped. 11000 — 13000.

4623. SEMPERVIVUM *Less.*

(DC. Prodr. III, 311. — Wipr. Reper. II, 262. et 263.)

1. S. NUCHONATUM Edgewith. Transact. of the Linn. Soc. XX, 43. — Folia radicalia
 basi sessilibus lanceolatis glabris mucronatis; scapis foliis paucifloris; calycis lobis
 aila petalisper glanduloso-pilosis mucronatis; glandulis oblique truncatis. 2. — Po-
 lygamum. Folia radicalia caespitosa, caulis lanatis mucronatis pilosissima nigrescenti
 Scapi breves (2 — 4-costulati), cyma pauciflora terminalis. Calycis lacinae linearis
 acutae glanduloso-pilosae, petalis triente breviores. Petala nervo medio crasso co-
 lorata alba puberula acuta. Stamina alterna breviora, antheris ovatis. Glandulae
 parvae carnosae integrae. — Affinis S. acrostachya Jacquem. (Sedum Neovevragense
 Wall.), difert pubescentia calycis petalisque scapisque foliosis. — Crescit in
 Himala ad alt. ped. 10 — 12000.
2. S. ALBUM Edgewith. l. cit. — Folia radicalibus sessilibus obovatis carnosis; ca-
 culis pilosis; scapis nudis paucifloris; foliis caulis ovatis mucronatis; ca-
 lycis pubescentis lacinae petalis deple brevioribus, petalis ovatis ciliatis albis. 2. —
 Surculi nudis pilosissimi teretes, apice runcati. Folia radicalia pilosissima elliptica
 caulis ovata. Scapi breves crassi caespitosi. Calycis lacinae 8 anguste ellipticae
 pilosae ciliatae petalis multo breviores. Petala 3 magis pubescentia obtusa, basi basi
 apice connata. Stamina 16 subaequalia, petalis longiora, antheris rotundis rubris.
 Glandulae carnosae stipitatae, apice oblique truncatae denticulatae. Carpella 3 plu-
 rimum erecta. — Affinis S. velutina Jacquem., difert calyce breviora etc. — Cres-
 cit in Himala raphus alt. ped. 2000 — 3000.

OrdoXCCL HESEMBRUTn'HEMEAE *Fenzl.*

(Wipr. Reper. FICOIBEARUM genus DC, Prodr. III, 415.)

5163. m.Nfr:MHitiA*Tiit:m M *Lim,*
iQi, Pr«dr in. 41& — WJpn. *Rupert* II. 265, V. 307.)

1. M. GUI VM'NE kli»rli. in Rlebi Stiiimh, Rei»*n In Hri: sch-Golana II, 300.
 — Repens radice: ramulis brevissimis; foliis oppositis brevibus oblongis acuti-
 tis; floribus saturate roseis; calycis lobis lobis inaequalibus; petalis angustis
 longis obtusis; staminibus inclusis; stigmate quinquedecim; capsula infera
 neta quinquedecimari deccentrolata. 2. — Crescit in Golana Britannica.

Onto & REAUffURICEIE thutt,

(Warr. Repet. bo

.. »y»i, II, 3ft. V. ^ir», — fUnHimrwat B*W*S DC Pn^tf I".

b&Q, RI.MV.fi1113 A Lim.

h. lxu%, if, uftw. l.: &9t.) • MM . I": i? .]U. tjj, -^ LVJ|vf. IL-T

Calyx carnosus vel carnosius persistens subcompansatus, profunde quinquefidus, basi •til ac ia IMLI tibi superficie externa bracteis lobulorum extrorsis insertis in», l>t>i mmTarit vel ••••• nlm »

Corolla intra margines utriusque appendice basilari (serpentina species) et minusve elongata, plerumque petala li dloidla longitudinali i* <|«i»t«) petaloides subobovata ni tinitriAl* vci ilituti¹, margine ii <^c • W<l ultra medium affixa ceterum libera antica. Stamina circiter 70 hypogynae pluriserialia, ex annulo carnosus ovarii basia elongata orta, ji Litt* breviora. Filamenta persistencia pentagonalia subulata filiformia, secus basia minusve dilatata (subulata) et pterisque species 4* :;... tala, nervatione a medio reflexa; andropodeo petalis anteposita car... oia brevissima subulata, basi confluentia. Antherae ellipsoideae vel subrotundae, pru... tate reflexae minusve distinctae, medio dorso affixae, versatile. nervatione extrorsae, compressae lobulopli...

ovum, theca rima longitudinali dehiscit. Ovarium subglobosum cor... pentagonum, re vera uniloculare, placentis autem... 4 — 10-uvtdntAo uarl^u... Placentae... (nunciat per medianam lineam... max excepto a basi omnino solutae. Ovula subuliformia glo... utriusque ad axilli interni (sac... Stili ut... placentis interspersi, cum ova... mox decidui. Cap... ap... angulis valvatis... enervia ovula no...

— 12 spermata. Vajvnt por*dicentes planisculae, placentam... membranaceam subnuculata irregulariter plicatam pendu... gerentes, demum reflexae. Rctmiu* tvtrli* vel... verticalia... (compressa-triquetra") verticalia... decidua et itata obtusa vel restel... vicia inaequalia... tenuer, albu... Alumen farinu... rectae.

obtusissimat. iudiculi Julcra ciJi>j OOtftot oi»tush; Lr^vidr. Caudibus novellis rainii<|tK

angulatis (unica specie excepta). Rami sparsi. Folia coriacea vel carnososa sparsa (in turionibus haud raro confertissima imbricata, nonniquam ramulorum abortu fasciculata), sessilia (quarundam autem specierum abrupte quasi in petiolum angustata), articulata a venia enervia vel uninervia glauca punctato-scrobiculata integerrima. Flores sessiles terminales (alii caule raraisque, alii ramulis vel ramillulis axillaribus), solitarii conspicui, rameales praecociores, ramillulares absque certo ordine evoluti.

Scclio I. Folia subsemiteretia (juniora subteretia), carnososa enervia basi dilatata vel saltern haud angustata, ramillularia et turionalia imbricata. Bractee (lobis calycinis absimiles confertae imbricatae, basi non dilatatae. Lobi calycis subaequales similes, basi non cordati, vix aut ne vix quidem imbricati (saltern evoluto). Petala (in sicco chartacea) calyce paulo longiora vel subbriviora alba persistentia, lateribus subaequilongis, appendices profunde imbricatae. Semina vertice in appendiculam glabram clavatum album farctam productis.

1. R. HIRTELLA Jaub. & Spach. 1. c. 378. — III. pi. orient, tab. 244. — Partibus baceis magis minusve hirtis, interdum canescens: caules ramive novelli ramuliteretes; folia omnia (siniul ac bractee) mutica obtusissima pleraque ovata vel ovalia vel oblonga; bractee lineares vel lineari-spathulatae; calycis ovaes vel elliptici, breviter et obtuse corniculati, margine eroso-denticulati; subfalcato-oblonga vel irregulariter ovalia obtusissima exunguiculata, calyce sublongiora; filamenta ad dilatam partem crenato-dentata. 2j. — *R. vermiculata* et auctt. ex parte. — Crescit in Arabia petraea.
2. R. MUCRONATA Jaub. & Spach. 1. c. c. 379. et tab. 243. — Glaberrima: ramive novelli ramulique angulati; folia pleraque (praesertim superiora) mucronata, caulina ramealia ramulariaque lanceolata vel lanceolata, basi subcordata, ramillularia nunc reliquis conformelliptica vel obovata; bractee subulatae, plerumque squarrosae; calycis lobitici vel ovaes, subulato-cuspidati, margine integerrimi; petala cuneato-oblonga exunguiculata, calyce subbrevisiora vel paulo longiora filamenta crenato-dentata. — *R. vermiculata* ex p. — Crescit in Aegypto et Libya.
3. R. STENOPHYLLA Jaub. & Spach 1. c. p. 379. — Folia forsitan pro insigni varietate habendae specimen unicum vidimus, facillime ceterum digfoliis anguste linearibus (vix lineatis) elongatis (caulinis circiter unum longis), basi numquam cordatis, petala bene asservata non suppetunt, staminipula et semina *R. mucronatae*. 2j. — Crescit in Libya.

Sectio II. Folia teretia vel subteretia carnososa enervia, aut ne vix quidem angustata, cum pulvinulo prominente articulatoria riora haud raro ad vetulorum axillas fasciculata. Bractee imbricatae, lobis calycis subsimiles, nempe e basi conspicue dilatatae. Calycis lobi consimiles subaequales imbricati, basi Petala (albida? in sicco fulva) calyce plus dimidio longiora, altera conspicue productiora decidua. Semina vertice umbonata.

4. R. FILIFOLIA Jaub. & Spach 1.1. c. c. 380. et tab. 246. — Folia linearilato-filiformia mucronata; bractee subteretes mucronatae, basibus coriaceis subrotundis subrotundis tubum calycis ex toto occultantes; calycis lobis reniformibus cuspidulatis petala irregulariter cuneato-obcordata exunguiculata, lobulato subobsoleto, altero subovato obtuso iuflexo; filamenta ad dilatam crenato-dentata. 2j. — Crescit in Persia.

Sectio III. Folia plana vel planiuscula coriacea (speciei unius), in sicco uninervia et obsolete ruguloso-venulosa, quasi in brevem petiolum angustata, cum pulvinulo proitu

jata, nulla fasciculata. Bractee lobis calycis dissimiles sparsae (nec j»ibricatae), basi non dilatate. Calycis lobi subdissimiles biseriales iuaequales, basi cordati et imbricati. Petala (in sicco coriacea vel perganvacea) rosea vel purpurea, calyce dimidio plusve longiora, demum decidua. Semina (ex specie unica) vertice umbonata.

1. Calycis lobi (bracteeaeque) non squarrosi. Filamenta edentula vel obsolete crenata.

↳ H. HYRCANICA Jaub. et Spach 1. c. c. et tab. 248. — Folia coriacea, caulina lanceolato-oblonga vel lanceolato-linearata; bractee lanceolato- vel lineari-subulatae, summae calyce longiores; calycis lobi longi cuspidati, margine eroso-denticulati, exteriores deltoidei, interiores subrotundi; petala unguiculata irregulariter ovata, hinc oblique truncata et acuminulata, illinc in lobulum obtusum inlexum producta, appendices breves, apice fimbriolatae; filamenta ad dilatam partem obsolete creata; placentae quadriovulatae. 2j. — Crescit in Ilyrtunia.

•i. R. CISTOIDES Adam, Decad. pi. in Web. & Molir, Beitr. I. 61.—Jaub. & Spach. I. c. 3S0. — Folia coriacea, caulina linearata vel lineari-lanceolata vel lanceolato-oblonga vel lanceolata; bractee lanceolato-subulatae, calyce sublongiores; calycis lobi margine integerrimi, exteriores ovato-lanceolati, longe acuminati, interiores late ovati breviter acuminati petala irregulariter ovata vel ovato-oblonga obtusissima unguiculata, appendices breves apice fimbriolatae; filamenta edentula; placentae quadriovulatae. 2j.— *It. vermiculata* (3. *latifolia* Bieberst. — *R. hypericoides* Willd. (ex n.) — *R. linfovia* Sal. — *R. hypericoides* Bot. Mag. t. 2037. & liot. Keg. (excl. synon.) t. 845. — Crescit in Iberia et Caucaso orientali.

7. H. TATAUCA Jaub. et Spach 1. c. 381. — Folia coriacea, caulina lanceolata vel lanceolato-oblonga; bractee lanceolato-subulatae, summae calyce longiores; calycis lobi acuminati, margine integerrimi, exteriores ovato-lanceolati, interiores ovati; petala cuneato-oblonga unguiculata, hinc rotundato-truncata, illinc in lobum oblongum vel ovato-oblongum obtusissimum elongatum producta, appendices apice crenatofimbriolatae; filamenta edentula; placentae «—S ovulatae. 2j. — *R. hypericoides* Eichlg! — *li. hypericoides* Ledbr. ex p. — Crescit ad littora orientalis maris Caspii.

2. Calycis lobi (bracteeaeque) squarrosi. Filamenta ad dilatam partem crenatodentata.

•i. BILLAIDIEU Jaub. & Spach 1. c. 3S1. — Folia crassiuscula coriacea, pJeruW-lue mucronata (saltern juniora), caulina ovata vel ovalia vel elliptica vel oblonga; bractee lineari-lanceolatae mucronatae; calyx coriaceus, bracteis brevior, lobi acuminulati marginati eroso-denticulati, exteriores deltoidei, interiores subrotundi; Petala breviter unguiculata, irregulariter obcordata, lobis rotundatis, altero obsolete, altero ampliusculo, appendices fimbriolatae; placentae 8—10-ovulatae. 2j. — *Hypericum alternifolium* Labill. — *R. hypericoides* Willd. ex p. — *R. hypericoides* Lam. II. t. 48!). fig. 2. — Crescit in Libano.

9. U. SQIMHtOSA Jaub. & Spach 1. I.e. c.382. et t. 247.— Folia carnosa (in sicco tenuia fragillima (mutica, caulina ovata vel ovalia vel elliptica vel ovato-lanceolata, ramulura saepissime recurva; bractee lineari-lanceolatae acutae carnosae; calyx carnosulus, bracteis sublongior, lobi longe acuminati, obsolete marginati integerrimi, exteriores deltoidei, interiores subrotundi; petala exunguiculata, irregulariter obcordata, lobo altero brevissimo acutiusculo, altero subovato vel rotundato obtuso productiore, appendices apice inaequaliter urenato-dentatae; placentae 8—10-ovulatae. 2j. — Crescit in Persia.

* Species minus notae.

10) *ft. VERMICULATA M. Bieberst. Flor. Taur. Caucas. II. p. 17.— Verisimiliter ad *R. cistoidem* vel ad *R. Tataricam* referenda.

11) *U. VEUMICULATA Guss. Prodr. Florae Sicul. II. p. 45.; id. Flor. Sicul. syn. II.

p 25 — BrtoJ rior Ital V p 430 — Fx descptione vaMc iccedil I³ ~~WIPR~~
 \ut ft *K ilenophyllae*. \orsan species proprii

Ordo CL CACTEAE DC*)

(DC Prodr HL 457 — Wlpis Reprtr II 200 et 030 V 800)

I HI IJMILLAIUA Ma?v.**)

(WIprs Uepert II 283 & 08G V 809)

- 1 M BOCMIIrstr. \lgtm Gitnatng \ 50 — Obscuie vuidis sub_Blobosa *m*[^]
 lis oblique omtis, llis *M nincrcunt/me* (Itcpert II 2Sb no 20) qune culein^{if}
Jtt recurva Lem , simillinus sed obsolete in_ouhtis, a\illis parce lanitis iicolis J^{ive}
 mlibus tantunimodo albido lmitis, aculus ladiintibus terms v rj> *³ quaterm⁴
 intnio saepe deficiente, superiore libido, suisum lufi&ccnte lon_Dioic (u—7 liu long^{0h}
 reliquis albis, apiee biuunus bicvionbus (I—2 lin lon[^]is) centrih in_oulo deorsu^u
 flexo vilidiori 0—12 lin Ion_no flavulo, sursum brunneo 2]. — Cret>tit in MeM^o
- 2 M LULCT\CV\N1H\ Jrsti 1 t 50 — Fxacte _elobosa (spi umui destnptum *set*
 quipollic ire) mamillis obscurt Mrentibus eointis, infix 'xioul itis, biline vnhus, 2 I^u
 cras&is, axillis nudis areolis jumoiibus albido lanitis, atulcis radiantibus 10—^u
 albis, ipice fuscscntibus eleganter radiantibus, lateralibus Ion_ioubu& supen^o
 bus bre\issimis (omnibus 1—3 lin longis) centrali smgulo ngido crecto 3—* I^u
 longo fuscscnte, apice obscuriore 2j. — Litscit in Mexico
- 3 M BELLATULA Frstr 1 c — dlobo&a subdtpiesw palhdt vmdis m-imilli*^{latiS}
 COMICIS bilintaribus, 3 lin uassij>, axiillis nudis, aieolis junionbus albido ~~ka^u & ^u~~
 aculis ladiantibus 12—*IU* albidis setaceis 3—4 lin lon_eis cuiutralibus genuius^{reL}
 subacquilongis (6—S lin loneis) crassionbus, alti.ro suisum, alteio deorsum^v ~~u~~
 gentt, junionbus nigrescentibus, demum canescenti fuscscntibus 2j. -" ^^{re}
 *in Brasilia
- M LIVIDA Fennel, Allgem Grtnzng XV p 66 — Oblongo globosa, simplex (⁴ P ^u
 ^icans-r diametro tnpolhcan) i\illis albido lanatis mamillis dtnsis COMICIS plu^{nb}
 3[^] lin. longis, 2 lin cixssis, sub\verticalitei sciiatis areolis albo lanatis? ^{aC} ~~u~~
 ladiilibus 24—26 bilineanbus intucatis, centraJibus 4 ins tlineanbus r\p^{aliss}
 decussatim patentibus, primum fuscscntibus, demum albis, apice nigresciiti^{bu5} ~~u~~
 — *fH fannosa* Iloit — In Mexico
- 5 M SCHAErERI Fennel 1 c. 06 — Oblongo globosa (5 pollicans, 4 poll ~~deametro~~)
 axillis dense lanttis albis, mamillis basi teti _uoms glaucescentibus tlineaiibu^{sub}
 aequirassis, areolis pumum flavescentibus demum, ilbis , acnleis radiantibus ~~stetog~~
 numerosissimis 2^x lin lon_sis intricatis, primum nitide stramineis demum il^{co} ~~u~~
 trail bus quaterms bilinearibus stuctis decussatis patentibus, junionbus *tn^u
 demum fuscscntibus 71 — Flores cocmei, diametro circiter 5 linearum n^u
 sissimi, alabastra ad anthesin usque lana densissima alba vestita sunt — ^* ~~u~~
 Mexico.
- 6 M. ARGENTEA Fennel 1 c 65 — Globosa tripollicaris axillis nudis, ~~ramu~~
 densis subverticaliter senatis, comets pallide virentibus, areolis nudis, aculeis ~~u~~
 15 ms appressis argenteis, centralibus geminis corneis, apice nigrescentibus_f ~~u~~
 sursum curvato, iltero recto, 5 lin longis \ — Crescit ?

*) Beitrag zur Geschichte einiger Mexicanscher Cacti en ion C. A. ~~u~~
 in Lmnaea XIX p 337-379

***) Specierum eiumerataruin iffimtates ab tuctonbus plerumque non ~~u~~

- ⁷ M LEHMANNI Fennel 1 < Uu. — Globosa in pollu ins axillis pnum pirce lan i ttS) demum nudis, mamillis duis verticalitici scriatis, bisi titragoms d lineaubus, 2 lin ciassis uruhbus, arcohs nudis, acultis extenonbus 20—25 albis intncatis, cen trihbus quaternis, supremo suisum curvato, reliquis rectis, pnum nigrescentibus, dtmurn corneis, 4 lin lon[^]is 2j. — Tarde crescit — Patru ignota est
- ⁸ M. POLYMORPHA Scheer, Mlgem Grtnjtng MV 573 — Cyhndnca glaucescens, fcquamellis albidis intidis oblecta (ut in *Me*embrianLhewts* nonnullis) axillis nudis (standulosis, mamills aggregitis obtuse comcis semipollicanbus, areolis m lmillarum (pire supra aculeorum fasciculum in foveolam productis, foveohs glandulas lubris 1—2 gerentibus, aculeis ndiutibus 10—11 albis, summo apice tantummodo lubi tundis, superioribus paullo longioribus quam infenoies, 5 lin longis radi itim dispo Mtis, aculeo centiali sin[^]ulo erecto, radiantibus crissiore, jumori fusco, demum llo, robe¢i apiculato, semipollican 2\ — Planta ex foveohs sobohfera, e secttione *Aulacothele* — Crescit ?
- M MULHLEXPFFORDII Frstr. Allgem Grtiutn[^]. XV. 49 — Subo^lliosa nmmillis glautis conicis 4—5 hn. longis, 3 hn crassis, axillis sctis albis pendulis obsttis, ar:oli& punr m dense lanitis (lana palhde lutescenti albid i), demum subnudis, atu lets radiantibus numcrosissimis appres&is, totam plantam quasi reticulatim obte[^]eu tibus, albis setosis bilinranbus, centrahbus quiterms erectis radiatis fusco luteis, demum margaitaceis fusco apiculajis, superioribus sesqui v. linearibus, inferior [^]—8-hnean. 2|. — E bcctione *Ileteracantharum Utrytacantharum*. — Ciesut m **Mexico**
- ¹⁰ M. PUGIONACANTH-V Frstr. 1. c. 50. — Cylindrical mamillis comcis trilineanbus, 2 lin crassis glaucis, axillis jumoiibus tantummodo setuhs albis Uinc inde obsitis, ^{areolis} magnis ovahbus, ju\emhbus den&issime lanatis, lana nivea, aculeis radian ^{tibus} numcrosissimis (30—36-nis) ilbis l uliitim pateutibus, 1—3 lin. lon[^]is, latera ^{libus} longioribus, centrahbus quaternis niveis, tubus superioribus rectis m[^]ro apicu ^{atjs} 3—5 hn. longis, infenon lon^oissimo (In -ieolis semonbus 1—1% polhcari) ^{do}do subulato deoisum fltxo fusco apiculato. 2[^] — Crescit in Mexico.
- ¹¹ AL WINKLEIUI Frstr. 1. c. 50. — Depresso globosa: mamillis cauesrenti glaucej ^{sc}entibus late ovatis 4—5 lin longis, supia sulco profundo sublinato notatis, axillij ^{albidis} lanatis, demum subnudis, aieohs magnis ovahbus parce lanatis, acukis 12-4 [^] nis radiatim patentibus albidis ni[^]ro apiculatis, lateialibus 4—G nis lou[^]issirty ^v—10 hn. longis) crassis, liifciunbus 2—4-nis tenuionbus subaequilongis, superio^r bus G—10 nis brevioibus inaequalibus in fisciculum approximatis. \ — Ciescit in **Mexico**.
- ¹² «. PAZZANH Stieber, Bot. Ztng. V. 491 — Cylidiica mamilhj, canescenti glau- ^{Ce}centibus ovah comcis (illis *M. Ottoms* simillinus, sed multo magis acununitis) 3— [^]% lin. longis, 3—5 hn. crassis, axilhs um v biglandulosis, laiuluhs fuscescenti- luteis lana alba cucumdatis, areolis nudis, aculeis raduntibus d—0 ins patentibus tigidis h>ule albis, 4 hn lon⁵is v. longionbus, rentrah umco lividf albo n³idion pi ruin longiuii 4—b lin lon[^]o, ipice uncinato, uncno deoisum flexo. 2|. — L sectione *Aulacotheles glanduUferarum* — Ciescit in Mexico.
- to M SCHEERII Mhlnpfdt Allgem. Grtrutn^o. XV. 97 ft 2. (nee XIII 346 -- Repert V. b!0 no 3.) — Robust* magnimamma globosa, ad basin prohfera axilhs 1 itis tomentosis, mamillis glaucescentibus remotis magnis, latitudine fere duplo longioribus, sub pi is [^]xticis, facie supeiion piofunde sulcata quasi biloba, sulco pubescent**, un^t vel plu ^rbus glanduhs munito, aculeis vahdis, e mamillarum apice nascentibus, citnnis vtl stepe albescentibus, demde luteis vel rubns, brunneo vel mgro sphacelatis, exte ^{clo}ribus 8 parum reflexis, centrah uno longissimo robustissimo recto. 2|. — Ma [^]Harum lon[^]itudo 14—1b hn, latit G-7 luu Aculci centralis lon^oitudo b—14 hn — ^{Lr}«cit m Mexico.
- ¹¹ ^ PRVELII Mhlnpfdt. All[^]cni. (.aitciu MV. p. 372.— Globosa la< te vnens \ir st st, axilhs lanatis et betosis, m iimlkim liasi sublttuagom, arcohb \il

loili, acueits ruJiamibus -I eractforaUMt, s ulterior! bus et InTi rinri!m\ titongatis. 2J. — 4'rr»ril In (HI t[lin:il,t.

Lp ft). GBAND1CORNIS MMupirdt. I. < S73.—Oborat* CIWIO-TITidia: axillls Junlorf laevibus ilrin IsnaliK, mamitIEi U-IratriLrix, ar ut I is junior Ill us fonatij., teliiori'i (PUS ; mnuleiK -I CTiKiformibu*, ttiliuu <t suprciuu cluigalo rrcurvu, daou pulices Imi^o. 2]. — Crescit In Mentco.

lii. M. NIGBJCAfS Fenne], Allgi-m. Crtnutnff. W. GS, — (! i;>sa (quadripollicatis acfjulcrd^sa): axitlis Imialis, luanillis Uii.v contctii, l>ji >Bii LjUI^ q>>f njiilmiba^ uliscuri' viridiluiw, 3 lin. loagU tolidcfliqnc crassis, areolis priuum Jilbu-tntiatls d' mum nuuSi Mulvli radiantitig,\ 'JH—2I brcrlbui allij, ceutr^libuD iguateruJM d<<i<< UH ri^iilis p*teotUiui IIULJU*, wpremo et Infino parum toagiurtbuK 3 liu. luy gis; flofibus jiluiirnis vi<[ai;H'<i-)urpuf <is M'iiii]pi>lii:ufn didibetru tenantibus. 2] — Cicsdt 7

IT, HL rOEBSTER] 1...ip&it AllgeM. Carteni. XIV. p. S7J. — Subgl obona 1pr< l;n-tf vin-iii: KIIIIB juaLorkbaj Uerlbu, delpdfi Limtis <t netosl, m.intiljis hepU fasciculis acukurum immurrsis, aculeU ndUibtibus 5. CeotzifibiM -1 etongtta 1^ poll, longo. 2(- — Cietell to Ai'vico.

is, M. FOVKOLATA Mhlnpfrdt. 1. c p. 371. — Subgtobon dejin-s . . . Hip) jund laevibiu, deuid<f Iruiatis ft setusia. mamiJlia n>hu5(iip coMclij bat subrhnnilix, areolis imeratis, limbo cartilagineo cinetis, aculeis radiantibus 3, WMw apic< Vgria centralibus 2. rlmigatft, aii liiiiii i-l Virrticrni ilira'rlis. 2j. — i'-M a in Mexico t

19. I. Ai i:li OMA Alh. Dit-ir. All^m, Guteuc, XIV. p. 308. — Oblonga pallide viridis: rartca tijipijniatu dense taunto t-t kevletta, beuiela inflfi is; mamillis coctis axillis lautis, prepjis pclrhnttflj acn^>iji obscure flaxia, extr rlorlbai nunifj • is tenui •bull futiintibus, inierinTibuN quatur rigidioribus et longioribus f-iiLs \, I *reu indexis. 2] — Crecait in >Icx;cu.

20. M. tilt VALLA I A Otto, AUent. Carters. XIV. JI. 308. — Ovalis jlucmi vertice impreno lanjiln, tnamillis toniris jixillit nbluwttt, artuJis Ian. tias aculeis radiantibus >ill'-. rigirfioribus li barqualia navo-fuscis. 2J, — Creseit In Mrxfro.

21. M. DEALIATA Alb. Distr. I. c. 309. — Globau glanu: vertice impressio W^ axillis lautis, m.iinllis u%jiis <ibtetrg<iU, ap-idis [uDlorlbas olw I rigirfioribus li barqualia navo-fuscis. 2] — Crescit in Mex'

22. H. CCJRVISPCfa Oito, AUGen. Gorteni. XIV. p. 304.— Gloliosi Jaele viridist rrt tice rM'avattp; aiillih miA'is; mamills subtetragoals ptr*Uter dispa*itls * punctatis; areolis junioribus [IULA in.it.i.ifi>nii.'iilip.sis, ailultKiribu.i jnnlif. ; n rioribus subvigiiiiti, setaccis, albia, Latadofibna sulistptenis Ji>i^iuribui curvatis (Ln is, f nuce griseis vt-1 nii,'ricAUtibJ6.

β, parriflura: *cal<U iitlerUiribus bubqu.ilttuui j florilms mlnoriliui. — Crescit in Mexico.

IV. (5175.) EIIUXOUtTni Lttk. ct Otto.

(Wtjirs, B<p<(. II. Wt. Ft 936, V. Bin.)

1, *E. TEITUtSPIWUj* LnV. el Oilu, — [ttejiurt. *IL 03ti. no. 2.) var. m''''11* DC. jun. Hut. Zoptuil>; IV. II... — CloboMii. [7-co*trtu>; custis i>iter aculeoram iuff^tis j ;uuli.'is I^*—13 |>:Uentiliuji, ijiferoie majore ; n<^> acuminatis, laternD lin» setisqj^ 3 — -I jnurillls^ [it-lalis ext^rioriltm olitu* <i>, LateriMibm acjmiiatis. 2] — Crescit ?

2. E. HAMMULOSO8 Lem. Bol. Zeitung IV. H& — CJoboifls IS—2* aculeorum (sube Innugnosu faretis Jnttr J—3 ruijofiliut, sutiereclLs, caeteris 10—vi puttntilms inntqualibu*j

- lobis lanuginosis setis elongatis 2-2 basi brevibus; petalis exterioribus
nullis; interioribus obtusis, apice truncatis. $\frac{2}{2}$ — *Crescit*
2. **E. SPHAEROCEPHALUS** Müllerb. *Bot. Mex. Mex.* XIV. 278. — Globosus laevi-
virens, 11 costatus; costis acutiusculis, areolis 1-1 $\frac{1}{2}$ pollicum distantibus; areo-
lis radiatis 6-8, lobatis 6 setis albis, caeteris 3 elongatis, supremis foliaceis
longe exsertatis 6-8, lobatis 6 setis albis, caeteris 3 elongatis, supremis foliaceis
1-1 $\frac{1}{2}$ pollicum longis, areolis singulis centrali 1 $\frac{1}{2}$, poll. longis carinatis. $\frac{2}{2}$ — *Cres-
cit in Mexico.*
3. **E. MACROCEPHALUS** Müllerb. *l. c.* — Subglobosus depressus laevi virens; costis
12 subaristatis et sublobatis, areolis immixtis, pollicum 2 distantibus; areolis radiatis
1 $\frac{1}{2}$, radius 5, lobatis 4 brevibus, supremis 2 elongatis, areolis singulis centrali
ovata. $\frac{2}{2}$ — *Crescit in Mexico.*
4. **HIPPENMANNI** Müllerb. *l. c.* — Obovatus multicastratus; costis interruptis com-
pressis subundulatis 16-18, areolis confertis, $\frac{1}{2}$ pollicum distantibus, junioribus
lobatis, senioribus glabris; areolis radiatis 18-22 setis albis, centralibus 2
ovatis elongatis, subfere 1-1 $\frac{1}{2}$ poll. longis. $\frac{2}{2}$ — *Crescit in Mexico.*
5. **E. SMITHI** Müllerb. *l. c.* XIV. 278. et XV. 99. $\frac{2}{2}$ — Subglobosus mammilliformis;
areolis areolis 12 spiritaliter dispositis, obtusis costatis; areolis radiatis 20 setis
albis, centralibus 4 linearibus, $\frac{2}{2}$ poll. longis, transversis crenatis. $\frac{2}{2}$ — *Crescit in
Mexico.*
6. **E. HAMATOCANTHUS** Müllerb. *l. c.* XIV. 271. — Subglobosus 12-costatus; costis
nullis areolis tumidis et elevatis, areolis laevibus, subentatis, in vertice elongatis; areo-
lis radiatis 11, centralibus 4 elongatis, 7 $\frac{1}{2}$ pollicum longis, lobatis hamatis 4 polli-
cum longis. $\frac{2}{2}$ — *Crescit in Mexico.*
7. **E. PACHYCORNIS** Müllerb. *l. c.* 271. — Depressus 7-costatus; costis crassis obtu-
sis, areolis areolis, areolis $\frac{2}{2}$ poll. distantibus; areolis radiatis 5, centrali sler-
pato laevi, radiis supremis curvatis, caeteris subnullis. $\frac{2}{2}$ — *Crescit in Mexico.*
8. **E. AIRATUS** Pfeiffer, *Bot. Zeitung* V. 184. 372. — Depressus viridis 15-20-an-
gulus, vertice convexo dense areolatus; costis vorticalibus compressis, circa areo-
las lobatis; areolis renatis (late 1 $\frac{1}{2}$) oblongis magnis, lamellis dense fulvido albo,
lobatis cuneis mucosis; areolis rigidis, six curvatis lobatis, exterioribus circa 12 sub-
compressis, centralibus 1-2, pteranque tubulatis, omnibus ultrapollicaribus. $\frac{2}{2}$ —
Diam. 12-15, alt. 4-5. — *Crescit ad Bellavistam reipublicae Chilensis.*
9. **E. SALM DYCKIANUS** Pfeiffer, *Bot. Zeitung* 1847. (V.) col. 372. — Obovo-globo-
sus viridis 12-angulus; vertice convexo fulvido-lanceo; costis laevibus oblongis
laevibus, areolis valde approximatis, lere vix angulis magnis transversis oblongis
tenuibus tandem cuneis mucosis; areolis rigidis, areolis crassis hexagonalibus, maxime
oblongis albis-costatis, lobatis lobis-gratis, exterioribus sub 8 (3-4), centrali vix
vix 10-12, $\frac{2}{2}$ — Diam. et alt. 5-6. — *Crescit in Sicilia.*
10. **E. SUPERTEXTUS** Pfeiffer *l. cit.* col. 372. — Globosus laevi viridis 15-angulus;
costis tuberculosis; costis subvorticibus compressis subtriangularibus; areolis ap-
proximatis oblongis, lamellis parvis sordide albo mucosis; areolis indistinctis gracil-
limis rigidis, mucosis subpollicaribus, carum curvatis, pollide cuneis, exterioribus
sub 12, centralibus sub 4 longioribus. — Diam. 6, alt. 5. $\frac{2}{2}$ — *Crescit ad Acum-
puz reipublicae Chilensis.*
11. **BOLIVIANUS** Pfeiffer *l. cit.* col. 372. — Depressus-globosus viridis, epidermide de-
nude glabrescente lobatus 12-angulus; vertice subplano lumentoso; costis subverti-
calibus obtusis, vix repandis; areolis approximatis (2-3 distantibus) rotundis pla-
nissimis, lamellis fulvido albis, lobis cuneis mucosis; areolis rigidis nigrescenti-
mucosis, exterioribus plerumque 7 curvatis, centrali uno tubulato recto acute subulato
pollicari. — Diam. 4-5, alt. 3. — Variat areolis gracilioribus. $\frac{2}{2}$ — *Crescit in
Sicilia.*
12. **E. ACRATUS** *Ann. Diatr. Allgem. Gärten.* XIV. p. 17 globosus; ver-
tice approximato; costis hamivolis compressis undulatis; areolis
interioribus quatuor majoribus, tribus
laevibus uniformibus, quarto centrali laevi potrecto. $\frac{2}{2}$ — *Crescit in Mexico.*

- M, E. HEYDERI Alii. Dletr. 1. c. (70. — Obovatus palUde vlridld; vrfti.>> rut* costls nuniuro&is, valdu co7[H'rKsis tejiuilius uuiJulatte; ,icult-is cpcn ulbidi HCNIS extrrJorlbua srfiici'ls minoribus, ItrmiuaJI tMisifurml RujiificuJ' , uentraJI * porrecto. 2j. ~ Crescit In itlr.ilco-
15. E. LAMELLOSUS Alb. Uiett. L c, XV, IIT. — SuligluWua : vertice LmpT« costis numeroats, valde. comprejsta undulntia; areolis remutis, junioiilnn tonuM aculda K<X allis, aplce vlx ftiKctsoeutiliuP, centnll unicu c>m pr ess u fiubUiijuelro « gato, caeti'ris latenlibuH mutto brerioribni fibrils, trilius Ru^erloribue Utiuribus, • 1ms iifirinribua •Ognaiioriliu] tetibiit evidenter tubuWis; peUlli linearIbus * 2(. — Crcacit in Alexico.
- Hi. E. ALL.VHDTIANUS Alb. Dletr. 1. c, 17fi. — Subgloboana: vertlce il^itreisao, «' nmmeioai«, valik- cc-mpressin uudulatls; «reolia rtrmolii«, juriioribus tt-nue tunicnto aculeii) 7 — 9 ulbiilis, a]iice fjscscctntiljus, ooinifua latrralibus, su|>rllitri! inferioribus sttacttlslj IWihus timf^rtis, brejssiniu tuhulo»ifi | peUIU lirjc; lalis mucronitis. 2|. — Crescit In Mexico.
17. E. JUfifJLEM'FORDTII Fennel, AlJgem. Carteni. XV. p. <£. — ClobM Tlretia, I^coiptatfts; cuatls eleratis, Bnbc;oiBjiresalf, areolta ^ |n>Vln.n'li• aculeia ratii.uuibus 12 betiformlbus, central! uuico selaceu liamato, 21 — Crescit In Mexico.
- IS. E. ACROCANTIJS Stitber, Hot. Zeitnn^ V. 401, — Suh-Julioaus virtlla : 2I olitusiusculis lAialo-CTispilii sak'is I li is acutin, hrefilEs juvcutull¹ Jci3e alln demum mulis, BeaquiiullictA #]mti(i A se Inrlcnn reioti*; a^ultUa tejitetiU¹ tribua suprioribiiBf itiaximls (1— 1^ poll, longls) mbrecm¹ il&natls flai (uscis, ijbscurius transverse atriattt, algrn-aplcu]atU , intermeilin tatlsximo tm^ relitjiii.s mbjonglofl, (ujjitrnis inforATibiKI jiiullo miunrilms (4—5 In. longis) I¹ albidia, iltmum Mt\$trittt*()-ciQeScen[4bua, *entra] deficient. 2j. — E^{set} r Stctioffittit>rntn. AcuJei trea Kupericret; prima juvfiituCe saepe uitiJissime scit in Mexico.
- Jf). E. rOKSTERI Slieber 1. c, 491. — Suhgiubosus nbscure vlridls: eoatli W->* IUTLK''-I-i^i-i. — , Mjltis acuiis latu, nfeolis jiuiliu&culis , nj>aiiu 9—12 lluftM''¹ J rciunii',- ;L. Hi.', J^fl raiiialis, trlbus mperloribns Junyiftribus crissiHtribu* <11*ijj|. purjmr<ia , itit* Tinf<llo foliaceo-diUtatu lungiorl, 4— ij tuferioribus aiinml¹ (* lipu.sls) aetacels alblcls, demum cnhviejciititua; centrali dAciehte. 2j. — «pii>oLlicaTis et aFtiar « Mctlonc Stctnngonorinn, — Crescit in Mexico.
20. E. CINNABALLIINUS Vtnok. ilot. bfragu. t. -1^20, — Airo-Tlridf! globus''*''''; centro umbilicatus; iuberculus spiraljter ditpoMilis, basi tetragoais, AOTSO re* |ir<jfum! carinata; areolia van, is Uxaelltd<li ad auninim ajiicem luberc' acul«la rigidia mdiocribua gracile aubulalis, exterioribus tatiatis subuin^f centrali erecto dimidio lotigkore; floribua solitariis sparsig; caljcis rirfi'* uato; fiepaiis Inferitribufi minutls »cutis, Mperiorlbiu fpatbo]aUaf iicifi'i' P^f cinnabarins, 2j. — Bolivia.
- 2U E. HEXACANTHUS .Mhliitriit. Allgem. Cartenz, XIV. |j. 309. — Ob''''*1*8 ^ | ^ Impresso; coatia 34 subcuoipreM>is, fasciculi^ acukorum immersi*; at'''' bus 5, c en (rait unv. 2j. — Crescit in Mexico.
- 'J3. E. COLUMNAKJS BtetUt, Botw. Z<iuuiH IS47. co4. 373, — Cr>> grLaco-vlrLdi& Il'in^ulaLus: viTticu convtrS'' fulvo-lanato, slimliiis Vrticalibua subcompressis; areolls roagnia rutuudla contigua, lomento c>nte muniUsj acuWia kafatextla ri-jitlis reciio nkgricantlbua, «tcti^r <U'' L), centrsli urm on(ijr< cratiore subpt/llicari. 2j. — D^{anl} Crescit ad Valparaiso in Chile,

† IcoiiCH u<lil€niloc>

E. HEXAEDROPHORUS Lemaire, — (Repert. II, 233. no. 112.) — Uook. Bot. Mex.

Ub. Oil.

K. WULLUISJE Leiauire — (Ileptii v fttf, M. P*) — H''''.

(vij.) nirin-ft. ii-.Tii. n v. HI.; Our. gener. excl. sp.)

1. B. ALTEOLENS Lemaire, *Allgem. Gartenz.* fl*. XIV. JJ. fcf, £ — Obacure viridis; ca-
phali > til.jhli JL:.-l; «Mta ilrcmi NtnAwcatt* rcpwufia, •b
mairaUa Ktritaj » R M I RKMW* e*i«li« fbtro-Miijpfaib, note
sculis inferioribus validioribus compressis recurvatis, quarto subulato erecto, cacto-
ribus duplo brevioribus. 2 — *Echinocactus tricarinatus* Moench. — *Crescit* ?

VII. (5156.) ECHINOPSIS Zuccarini,

(Wjps. Report. II. 1/J. V. 318.)

1. Z. ZUCCARINI Pfr. *Allgem. Gartenz.* JDV. p. W, v — Ovals obtuse viridis;
vittice impresso, costis subulato crassis acutis, sinibus profundis acutis, areo-
lis paleisatis, i i Mil li > ! •
petalis lanceolatis impudens-angustis heterostichis; stigmatibus abbreviatis. 2 —
Ech. tubifera l'fr, — *Echinocactus tubifera* Lemaire. — *Crescit* ?

2. Z. MAXIMILIANA Dietrich, *Allgem. Gartenz.* HIT. p. JM — Globosa
pallide viridis; vittice impresso, costis subulato crassis acutis, sinibus pro-
fundis acutis, areolis paleisatis, lobis subulatis erectis, acutis subulatis, junioribus
satis nigrescentibus, adulescentibus obtusis demum decoloratis; petalis oblongo ovatis
obtusatis emarginatis, stigmatibus elongatis. 2 — *Ech. Zuccarini* ß. nigripes
Lemaire. — *Echinocactus nigripes* Lemaire. — *Crescit* ?

3. Z. MAXIMILIANA Beyerl, *Allgem. Gartenz.* en«4*Tv|fiiftiii»,
septemloba; vittice impresso, costis sinibus acutis, areolis
emarginatis subulatis, lobis subulatis, acutis subulatis, junioribus
satis nigrescentibus, adulescentibus obtusis demum decoloratis; petalis
oblongo ovatis obtusatis emarginatis, stigmatibus elongatis. 2 — *Ech. Maximiliana*
Lemaire. — *Crescit* ?

§ Icon addenda.

Z. ZUCCARINI Pfr. — (Report. II. 324. *»,i)-f«-lis, Vindob. fasc. VIII. (c. 1c.)

VIII. PILOC Lemaire,

(Wjps. Report. IV. 318.)

1. P. CHRYSOMALLES Lemaire in Van Boettke, *Flora der Gewächsh.* III. 1. 342. *id.* —
Robustus (1) stipulis robustissimis; angulis 12—15 (vel amplius) validis; fasciatis
vittice approximatis, lobis subulatis brevissimis persistentibus, acutis (20—25) conder-
vibus divaricatis stratis gracilibus griseis lanuginosis (magis notantur pilositas),
interioribus subulatis. 2 — *Cephalium* (exram?) subulato rotundatum obtu-
satis terminatis et unguibus abbreviatis (non nullis) et homophanosis et in
vittis, lobis demumque oppositis lobis brevissimis persistentibus, acutis subulatis
divaricatis gracilibus stratis gracilibus pilositas et ultra unguibus oppositis, et alia
numerabilibus, lobis interioribus, et alia demumque completis. Flores dicentiam ve-
nigla millimodo vix non agnoscentis. Semina reperta rosulenta albida nigra laevia,
et la nonnullis ovaris plura desiccatis larvae rejunctis lobis observatae sunt. —
Crescit in Mexico.

IX. (5157.) CERES Haec.

(Wjps. Report. II. 324. [etab. sect. 1.] V. 318.)

1. C. SUPERBUS Ehrenberg, *Bot. Zeitung* IV. col. 324. — Caulis suberecto ramoso,
lobis lignoscente, subulatis v. subulatis crassis; ramis paleisatis 5—7-gonis,
radicibus acribus instructis asteris viridibus, junioribus rubescentibus, angulis acutis
subulatis decoloratis; areolis rotundis vastissimas 5—9 lineas laxam rotundis
vittis subulatis; acutis primis albis, desiccantibus v. fuscis setaceis
subulatis, 1—3-nis intermedias, 5—10-nis exterioribus, demum purpureo-fuscis

rigilla crasso-w in Call Jn*4Uju*ji»»» *—« Um. (angli) ad 20 usque subaequalitatis
 — A C. spectabilis DC c... Jit Micimwm *i andlectum capis majori. — In Nocturno
 2. *C. GRANDIFLORA a xitt — i. -n. i 231. no. 112.) var. Heywardii Paxton
 Magas, of bot.

Ordo CO. RIBES1ACEAI EndL

(Wipr. Report. bot. 1871. *ramularum ni\Vtu*t. |».* 477.)

463. J. III MI > A III.

(DC. Prodr. m, v: \xcel. sect. I.J - \vi;jr, i: ,,,r «, BJ, v. 522.)

1. *R. MENZIESII Presl. fin - i. . (ffit c... J. ^ ||«)Htct. IL IK. no. 1.) — Lindl. P. Regim. 1847. tab. 50.

Ordo Cill SAXIFRAGACEAE DC

(in , |*,,lr. IV. I. rt rttfS. — U lpra. Report. bot. 1851. II. 302, et 303, V. 322.)

4630. DONATA F. r. t.

(D; ; Pmilr, IV. 53. — Wipr. Repr:-. Jli MX]

i. 'fl. i-Asrretii.Aius Xntxi, chsr. 200. 1. 3. — Hook. fil Antaret. roy. of Terr
 KrflItHfc'Jil.— P, i'lagellanica Law. — Repert. II. 322, no. 1. — DC. Prodr. II
 — Orites ileprtu* link s. A Soland. 1850.

4634. SAXIFRAGA Léon.

(DC. Prodr. IV. 17. — Wipr. Report. II. 302, et 303, V. 324.)

1. S. WAHLENBERGH Y. Bull. Bot. Zool. 1848. vol. 401. — Capsulae ex
 stolonifera. folia stolonum et caulis radicalibus conformibus, 3-5-loba
 elliptica, lobis sublonge obtusis, serratis truncatis, in pagina interiori
 purpureo-piceis; caulis tenax subscapulis paucifloris, folio unico; radicalibus
 semil. plexiculis instructis; pedunculis 1-2 unifloris bracteatis, secundariis
 Hui>f>f
 foliis, ex axilla foliis bracteolucis erectis; capsula calyci usque ad
 adnata, 5-jar segmenta rotundata, staminibus subaequantibus, petalis oblongis
 triplo breviora vix superantibus; styli brevibus; antheris aciculis, subaequantibus
 glo-stratis, puncta nigra elevata rugosis. 2

var. α. subglaberrima, tenax pale tenax glandulosa

1-4-pollinibus; folia elongata latitudinem 3-4 I i>li*

staminibus) angustatis, palmatis 1 | I M k i \-v\vn UUr w

var. β. — JL sparsifolia Whistler, n. et p. — S. subaequantibus β. Léon.

var. γ. latifolia: glaberrima; folia curvata, ad hanc caulis rursus
 versus basi dilatata oblongo-ovata, latitudinem vix duplam longi
 hirsutibus; *m\ I** i>nitii oiwla—mi KU-JIE solitudo et ad hanc

Jarum tuntrot mMN*. — Crwdi !• Carpathis montibus.

3. S. "Mtl4-V-MU^ bU^wnli. rtfittUcl, ut thr. (Jnti. Hnt. X N. 56. — Brevifolia
 filiformi paucifloro paniculata pauciflora, faihf r
 lobisque subsessilibus ovalis crenato-dentatis, basi truncatis; ligula truncata
 punctatis. 2. — Erecta, pilis sparsis hirsutissimis, 4-10-natis. Folia
 rotundato-ovata, caulis subsessilibus, demum hirsutis lateralis. Sepala
 pedunculis axillaribus bifloris, paniculam laxam formatibus. Pollinibus

- Pilosi. Calycis gamosepah segmenta revoluta, mtus extusque glibia Pel ila pu* i
lba Filament i filifoinna, petalu breviora Styh breves divancati Capsuhe \ e
nosae ru^oso puncUtae, Semina ovata stnata. — Crescit in Uimala alt. ped. 9000
—10,000.
- ³ S. THYSANODES Lindl. Bot. Regist. 1846. t. 33. — Fohis obovatis grosse crenato
Serratis, utnnque (subtus praesertim) hirsutis, fimbriis validis marginatis, scapo gla
^o ebiacteato, folus brevior, racemo par\o congesto subramoso, caljte glabr
*imo, basi obtuso, litmus obtusissunis, pttalis rubrotundis, parum brevionbus. 2\ —
Crescit in Indii oricitali,
- * S. mcu&PIDAIA Hook. fil. Antart. voy. of Tenor arid Erebus 281. t. 97. — Laxe
laespitosa glibeinma cauibus detumbuitubujt giacihbus, parce ramosis foliosis,
folus anguste line-in spathulatis uninervis, apice bicuspidatis, margimbus cartilagmeis,
pedunculo axillait nudo umiloro, calycis lobis apite emaignato bifidis, stammbus 5,
cul>ee sennsupero 2|. — Ldx e caespito&a, sicuUle rufo fusca et fliccida, apicibus
ramulorum folnsque jumombub viudibus, tota gl ibcrnma. Caules pollicares graciles.
Folu % — Vj '>< lon^a, anguste lineari spathulata, mcidio teuiter umuervia, apice
bicu&pidata, mar^uubus anguste cirtilaginnis Peduncuh a\illares solitam nudi,
folqt^ ' juilou^i, post anthesin elong.iti. Cal>x basi comcus, profuude qumque
i^bus, lobif a)ice em irgmato bifidis, segmintis atutis. Petala/ Stamina 5. Ctp
^ula semisuiw'ra tomprtssa, carpellis supri mi dium libeus. — Crescit in Promontono
Horn, Uennite Island, in Tierra del Fuego australi.
- ⁵ S. TUIGYNA Kem>, Ann. sc. nat. (3 Sei.) VIII. 235. f — Caespitosa ramosissima
folus plums spathulatis, inaequaliter qumquefidis glanduloso cihatuh, flore teitninah
Bolitario breviter pedicellato, stjilis terms, o^ario tnloculan. 2|. — Cresi.it ad fis
^uras rupiura, in Quebrada de las lagunos de Potosl pan hbelU cum nivibus, omnium
pUntaium editissima.
- ⁶ S. SLYLOS\ He my 1. c. 236. f — Caule flab ell at im ramoso, folus confertssimis
E^baxi s , apice tnfidis, flore termali, vix pedicellato, calyce glabernmo, sty I is
ternus , o\ano tiiloculan. 2\ — Ciescit ad UWLS m declivibus montis IUiuam, alttt.
15,800-10,000 ped. angl.

•/• Icon addenda,

- ⁵ S^s TELLARIS Linn. — (DC. 1. c. 40. no. III) var. *foltolosa* R. Br. — Trautvett.
l>lant. imag. tab. 35.

4638. CHRYSOSPENIUM Tournef. •)

(DC. Prodr. IV. 48. — Wlps. llepeit. II. 3b8. V. 828.)

- ¹* CH. MACRANTHDM Hook. — Repeit. II. 369. no. 6. — Hook, fil Antaict. \ >\. &
Terror and Lrebus 281 — *Chr. elevatum* Bnks. & Soland. mss.

4639. HEUCIERA Linn,

(DC Prodi. IV. 51. — Wlprs. Repert. II. 369.)

- ¹• H. (*Enhtuchera*) RUGkLII kuze Luuata XX. 43. f — Divergenti glanduloso pilosa
scapo subuudo, folus ladicibus cordato subrotundis, leviter 7- sive 9lobitis, lobis
obtusis, inaequaliter den tat is, dentibus glanduloso mucronatis cihatit, imprimis sub
tus ad nervos cario pubescentibus, pamculis folia radicalia vix duplo superantibus
laxis, pedicellis fleiuosis subnutantibus tenuissimis, bracteis ovatis acununatis fim
bnato uicisis, iloribus minimus, petalis lineari spathulatis, calycis lacuuis plus duplo
longionbus, filamentis longe exseitis, anthers ferrugineis \ — Crescit ad rupes
in summis montibus ad Broad River Caiolinae septentrionalis

4653. PLATVJLOPHUS Don.

(Wlprs. Repeit. II. 373.)

- ¹t "PL. TRIFOLIATUS Don. — (Wlprs. 1 c. no. 1*) — *Wemmarmxa trifoliata* Thnbrg
— DC. Prodr. IV. 9 no. 13. — '*Drwemma tnfoluituin* Prsl. Bot. Bmrkngn p. 73.

*) Nee CHRYSOPLENIUM.

4664. *BELANGERA* Camhess.

(DC. Prodr. IV. 11. — Wlprs. Repert. II. 375. V. 834.)

1. *B. DENTICULATA* Moric. PI. nouv. d'Amérique 153. •(• tab. 90. — Foliis frifoliol.[†] foliolis obovatis, basi cuneatis denticulatis glahris; ovariis albidotomentosis. V) Crescit in sylvis provinciae Baliensfs in Brasilia.

4668. *HYDRANGEA* Linn.

(DC. Prodr. IV. 13. — Wlprs. Repert. II. 375. V. 835.)

1. *II. *JAPONICA* Sieb. — (Wlprs. I. c. II. 375. no. 3.) — var. *coernea* Hook. **Det** Magaz. t. 4253.
2. *H. *INVOLUCRATA* Sieb. — (Wlprs. I. c. 376. no. 53.) — Ann. de la soc. **d'bot** de Gaud II. 485. tab. 102.

4672. *ADAMIA* Wall.

(DC. Prodr. IV. 16. — Wlprs. Repert. II. 377.)

1. *A. VERSICOLOR* Fortune in Lindl. Journ. of the hort. soc. I. 298. — Foliis oblongst lanceolatis, acute dentatis, basi integris, in petiolum angustatis, subtus i^{rostis} pubescentibus; panioula pyramidal! pubescente, ramulis cymosis; floritfust. * »»vi icosandris. V) — Crescit in Cbina ad Hongkong.

4674. *ESCAIXOMA* Mut.

(DC. Prodr. IV. 2. — WJprs. Repert. II. 377. et 937. V. 837.)

1. *E. HIRSUTA* Prsl. Bot. Bemerk. p. 73. — Hirsuta: foliis obovatis obtusis mucronst latis callosodenticulatis; racemo terminal! composito coarctato; bracteis lancedst acutis obsolete denticulatis in petiolum angustatis; bracteolis setaceis; calycis l^{aci} liis subulatis erectis, tubo brevioribus; corolla glabra. V) — Crescit in Chile.
2. *E. CLAUSSENI* Miquel, Linnaea XIX. 434. f — Ramulis glandulis pedicellate Pst tentibus pilisque hirtis; foliis densis subsessilibus oblongis vel obovato-oblongi⁵ tuis vel breviter acutiusculis, deorsum versus basin obtusam atteiuatis et integerst mis, caeterum, praesertim versus apicem spinuloso-serratis, glandulis subsessilst inter serraturas, rigide coriaceis, supra adultis glabris nitidis, subtus subochrast praesertim in nervis hirtellis; racemis ramulos terminantibus brevibus densis compositis brae teat is; bracteis calyceque hirtis; glandulis breviter pedicellatis Pst pertim in margine dispositis; petalis elongato-spatbulatis dorso puberulis; styl^o s calycinos vix superante, stigmatē diiatato excavato subpeltato, marginibust S dulo&o-verrucoso. 1> — *E. obtusissimae* St. Hil. (Repert. II. 379. no. 18.) solast affinis est. — Crescit in lirasiliae provincia Minas Geraēs.
3. *E. STENOPETALA* Knze. Linnaea XX. 44. — Foliis obovatis obtusiusculis venost glanduloso-denticulatis, supra glutinosi, nitidulis, subtus ad cos tam venasqu^o bescentibus, opacis pallidis; paniculis terminalibus laxis cal>ceque pubescentist calycis laciniis subulatis; petalis lineari-spathulatis. I) — *E. iUinitu* §. Hook. * — *E. iUinitu* Bot. Regist. t. 1900. (excl. syn. Prsl.) — Crescit prope Puest Vizcachas.

i **Icon** addenda.

- E. SERRATA* Sm. — (DC. I. c. 3. no. 1.) — Honibr. & Jacquinet, Voyage au P^o **Su** (Bot. Pban. Dicot.) t. 14.

Ordo CIV. UMBELLIFERAE Juss.

(DC. Prodr. IV. & 5. et 667. - Wlprs Repert. bot. syst II. 381. et 937 V 838.)

Subordo I. *OnWMOSVmMMMAK* DC.Tribus I. *HYDROCOTYLEAE* DC.4355. *HYDROCOTYLE* Tournef.

- 1 (DC. Prodr. IV. 59 et 667—Wlprs Repert. II. 381. et 937. V. 838.)
- *H PEDUNCULARIS R Br - D C 1. c. — Hook fil. In Lond. jourm of bot VI. 467.
 u. folius incisus-dentatus, superne glabris.
 (3. Foliis obtuse quinquelobis, lobis tricenatis glaberrimis, petiolo hirsuto, caule crasso.)
 y. lobis obtuse quinquelobis, lobis tricenatis dentatisve hirtis, petiolo pedunculisque hirsutis, caule gracili.
 o. Lobis profundius 3—5 lobis, lobis obtuse trifidis crenatisve, utrinque petiolo pedunculisque glabris v. parce pilosis, caule crasso.
- 2 *Hydrocotyle* varietates in Van Diemens Land locis alpinis et subalpinis
Hydrocotyle foliis longe petiolatis orbiculatis reniformibus, obscure septemlobis serratis, florum omnibus fertilibus, umbellis lobosis multioris semper sessilibus,
 fructibus turgidis costatis ©? — Crescit in India orientali.
- 3 *Hydrocotyle* *ancinata* Turczan Bullet, de Moscou XX. 109 — Herbatia debilis ramosa, foliis villosa folio petiolatis ovatis ellipticisve, basi exciso cuneatis, apice amplexato uncinatis 3—5 nervis, margine undulatis, utrinque pubescentibus, ramis interdum verticillato nodosis, pedunculis e nodis vel e axillis foliorum solitariis involucri diphyllo ovato laevio utrisque acuminatis villosis, fructu duplo bilobis involucri melliferi tinctis, costis filiformibus. © — In Prae montorio bonae sp. i
Hydrocotyle *asmanica* Hook, fil Loud journ. of bot VI 407. — caule graciliusculo, pedunculisque gracilibus pubescentibus, folio reniformi rotundatis, obtuse lobis, utrinque hirtis, lobis 3—5 crenatis, pedunculis petiolo aequilongis bulbosis, carpellis utrinque unicostatis. ©? — Caules 3—5 unc longi petioli uncinati ad pollicares raciles Folia 1 itiora quam longi, uncinata lata, submembranacea pedunculique graciles petiolo aequilongi. Capitula parva sub 6 flora. — Crescit in Van Diemens Land ad Arthur Lakes
- * *Hydrocotyle* *gracilentia* Hook. fil. 1 c — Caule sublignoso prostrato radice caute, ramis herbaceis, petiolo pedunculisque subaequilongis hirtis, folio membranaceo cordato rotundatis trilobis, lobis lateribus bifidis, majoribus obtuse tricenatis, utrinque hirtis glaberrimis, capitulis parvis 6 (5, carpellis utrinque unicostatis 2). — Caules repentes sublignosi, apicem versus graciliores, herbacei, ad basin foliorum nodoso incrassati. Petioli 1—1% unciales graciles. Folia membranacea, uncinata, utrinque pilis dispersis hirta, subprofunde triloba vel quinqueloba, lobis lateralibus parvis, subus subacutis. Capitula minima* — Crescit in Van Diemens Land ad Esk river.
- * *Hydrocotyle* *vegans* Hook. fil. 1 c. 468. — Caule gracili elongato, petiolo gracili glaberrimo, foliis orbiculatis reniformibus membranaceis 5—7 lobis, utrinque sparse pilosis glaberrimis lobis obtuse crenatis, pedunculis glaberrimis petiolo multoties brevioribus, capitulis parvis sub 6 floris, carpellis utrinque uncinatis. 2.1 — Crescit in Van Diemens Land ad Esk river.

† Icones addendae.

U. POLYCEPIULA W. & Am. — Witth. Icon, plant, tab. 1003. ff SpicU. N° 1
I. IV. tab. T8. — (Repert, IL 881. u* 4.)

4355/. OSCIATMA Wlprs, ms\$*)

fjUteroscailittm Monk. III. Lund, jnuni. >if Init. VI. -His. net, Itulss.)

CaLycis tubus brevilet obcomcus, Itmbua <juuu|udi<tas, lobifi
tU acntis siibcolnratis. Pctsilii breviter stipitata ovuta oblusa.
mina petatis aequilonga. Styloporlia duo crasua ^[alierrriiia. Styli
valid! subulatt recurvi. ~~Fructus~~ ~~Fructus~~ iminaturus elon ^to-obconicus, meri-
carpi is seroiteretibus, obscure 5-ju>i<, ad conunusuram subcontracta
vitlia nulli>y—Herba acyuiit glaberrima. folia ^ctiolah lobata
cea. Scapua etwtaM filiformis n^byllus, solitaria^ apice biHurus-
res basi bracteolati parvi albid!.

J. O. (MICROGUBII H look. fj. L c) SAXIFRAGV \\,n. rats.— Pimt*
facie Sajifrayne ^hiberrima rlgilub. Itutlix ciass,i fusifnrmis de«efiDd*n%
Tel bl—trfc«pa. Ftilla pauca, omnia rulualia (ictiolata, (i«tiolo pat«M>
gr.icUi ri^idu, lamina \+—^ uric, lata, late orato-corilitU Irihiljft vel fere trij¹
lohij kuhcuneatia trifitils, segmntlla a cut Is, ScAuA grntiJiJi dJil..imi.s riniilu-S <
a>|*vllus 4 unci&lis laevis, ajtice 'i- i^riur. 3-flcru*. Fedlcclli ¹x—% DNC. long
bmt«oUU) Jiracttolia linear! ublon^U obtusla ctmcavi.i, jiedjeljo *3, hrfi
Florea parv, >^! >|> planta WMftWi. Petal* ulljJa, l^jlin. loa^ obi us*.
poda nujuSLUa. Jiuttus % maiurud bis lon^ior ijUim latut, teres / bul
tenatus, — Cre&ult in Van. Diemens L^til, Ladden plains.

4358. Dni ETOI'IA DC.

(DC. Prodr. IV. 71. — WJIM. Bepert. II. 384. V. ^il.)

- I, D. HOMOCARPA Bnge. Boian. Ztitdg. 19*7. col. 136. — PiJoao birta: invojaer) ^
Jint-aTi'laiu-eubiis umbell» brrvioiiiiufl; mtricarjilis [johuniiliu* echiMiU* ^
Omnina slmilia D. itirtut, stid mericarpium utrumque tclitnatum furnia n"-
illlus uxtvrioris. — Crutctt Iti Suva Elollandia.
2. D. PUSILLA DC. — Huce. Ititlex nemtn. bort. bet. Durpatenhfs annl 1848. —
olla ^Inbrjuacula: invulutr fulldHs Uncirl Unceolata, umbelliia sequantibus
carpiis iirtimltti*, altem «chin»tD, altero serfnini obtuse tubercit)ato< ®
ib Nova H"Uumii:<
- I. D. HIRTA Berth. — Knge. J. t. — (Wlpr*. Repert, II. 3SJ, no, !.) — pil< " ^ 5
involuti i fulifjlis Uaeari-lweeolatU, umbella brevitirihis j merkarpis ^ol
discolori!UJJ, aUero echt nato, sjteru Jaevi margine crenato. Q •—Crescit I¹
Edlandib.
4. D. WALPEIU Rnge. I. c. — Oufclraicii*: involucri /oltolla linear!
ttmbella Im-vioribus j meriurptls diSomibuH concaloribus, altero
laevis&iino, margine integro.—Antecedentibiis gracilior, nurices
riorum hrrviarea, tcniericti. © — Crescit in Nava EollanJi.i.
D. J'REIS.SIANA Unpe. L e. — (Itepert. V. WO. no. 2> —
iiv^lurri fultotii foliiforinibun, umb«JUm du|4i> Injiluve
diffirnnibus, alttro ecbljtutalo, altero p&ree obtute tuberculato
gtrriniij, 0 — Creact in Suv* Bollandla.

4362. TRACK VJIKXE Rdgt.

(DC. Prodr. IV. 7*. — WJpri. Hepurt. II. 383. V. S40.)

TO. (Dendromene) STEPHENSONIJ Turcziu. BuJlet. de Blosc^ u XX. 170. — Fala
tmryftc* petfoUttl, denst ImbricatiJ lineari-lanc^olatls callo»o-a(cuminatis scabris
mrr&t) urabetlis termnalibui conTertit foilla unbbrevtotlbus -, valliculis tuberculato
tii. b — l-rotex bumilis vix s^minede altior mullic»ului, caulibus simplicib

*) DUi la honorem DRIS, OSCHATX, microtomi ljiT^nloris ingeniosi.

Disuiipm] a li lunccoUila fuliis magis confertis brevibub, b isi i His umiicivus, a Ir. tenui caulibus simplicibus, e\ toto IILC marline tan turn scabm, tlemque valleculis ^hiKtuum tuberculis clevatis notatis. — Cicscit in ^ova Hollandia.

4365. **BOWXESIA** Rz. ct Pav.

(DC. Prodr. IV. 75. — VVlprs. Repert. II. 38C. V. 842.)

^l ^h **INTEGRERIUM*** Turczan. Bullet de Moscou XX 170. — Annu erectiuscula, ^ota pube stelUta dense vestita. folus oppo&itis sessilibus, basi attenuatis acutius-^culis niucionulatis integernmis, umbellis axillanbus et ternun-ilibus lon^epedunculatis ^uultillons. O — foliorum forma jam a congenenbus recedit. Petala lactea, subtus ^v lutina. — Crescit in Chili.

4366 **AZOREL**t1 Lam.

^h ^h **Piodr.** II. 77. — VVlprs. Iltpert. II. 386. et 937. — *Fragosa* Rz. et Pav. ___DC. Prodr. IV. 7b.)

[^] ~ » **IENTOSA** Lam. — DC. Prodr. IV. 77 — Wlprs Repert. II 937. no. 2. Hook, fil ^hAntarct voy. of Terror and Erebus 283. — Hombr. ct Jaqutnot, Voy. ^u Pol Sud (fcot phan. dic.)t. 15. B. — A. *CianutH* Pers. — *Channtis integrifolia* Grtnr Iruct. I 94. t. 22.

^h ^h **A TRIFURCATA** Grtnr. — Repert. II. 937. no. 1. — Hook. fil. 1. c. — A. *trispiduta* Lam. — Hombr. et Jdquinot 1. c. t. 15. C. — *Chamitts tnfurcata* Bnks. et Soland. mss. — *Ch. tncutpidata* Gintnr. 1. c. 22. fig. 4.

^h ^h **A. RAXUNCULUS** d Urville. — DC. 1. c. 77. no. 6. — Hook. fil. 1. c. 283. t. 9S. — Hombr. et Jiqmnot. Voy. au Pol Sud (Hot. phaner. ditot.) t. 1G. F.

^h ^h **A. LYCOPODIOIDES** Gaud. — DC. 1 c. 77. no. 2. — Hombi. et Jaqmnot, Voy. ^u Pol Sud (Bot. phaner. dicot.) t. 17. ^h B.

^h ^h **CAI SPITOSA** Cav. — DC. 1. c. no. 4. — Hombr. et Jaquinot 1. c. fig. C.

^h ^h **SELV(J)** Hook. fil. 1. c. 284 — Dense caespito&a caulibus fastigiatis siepe elon ^gatis ramosis compactis, folus dense et arete imbiicitis appressts, petiolo c>mbiformi ^hate vagmante amplexicauli, lamina dilatata conacea concava 3—7 fida, intus longe ^hetoso ciliata, segmentis obloiigis subacutis integernmis, ombella 3 flora breviter p< ^huiculata, mvolucri foilolis hnearibus subacutis, dentibus calycinis arufi&, fiuctj ^hwtio stylis elongatis terminato, meucarpus dorso paulo convexo compies&ib o jo ru ^h Suturam contractis. 2]. — Caules lon^itudine vam, 1—o unc. longi, plerumqie ^hassitie pennae olorinae, folus lmbncatis dense tecti. 1 ohorum petioh suberecti, ^hniina plerumque latior quam longa, concava, uitus setis elon^atis sparsis aucta, ^hegmentis uninervus. Flores pallide rosci. — Crescit in parte meridional! Tierrae del Iuego.

Tribus II. **MULINEAE** DC.

4368. **BOLAX** Commers.

(DC. Prodr. IV. 78. — Wlprs. Repeit. II. 386.)

». ^h **B. GLEBARIA** Commers. —DC. Piodr. IV. 78.— Repert. 1 c. no. 1. — Hook. fil. Antarct. voy. of Terroi and Erebus 285. — Hombr. et Jaquinot§, Voy. au Pol Sud. (Hot. phaner. dicot.) t. 15. fig. D. — *Chamittis (Bolax Spr.) comphcata* Bnks. et Soland. mss.

^h ^h **B. CAESPITOSA** Hombr. et Jaquinot 1 c. t. 15. E.

4369/_r **DIPLASPIS** Hook. fil.

(Hook. fil. Lond. journ. of bot. VI. 468.)

^h ^h **Calycis margo integerrimus contractus. Petala ovata obtusa inte-**
^h ^h **Styli brevissimi. Fructus parallele biscutatus, mericarpiis late**

ovatis, ilorta concavia evittati*, tortia & mifurmibu*. nu dci>>li, 'i me-
 diis angulfe ftuio* merkirpii nuirguimulj]jp, 2 iiiiiint* eannni>*ur*lib<*<
 coiunifian. anEiiiiituititu — Hfrba lumuliri gklterriatn vd parc ii ne
 piloda c^niojiuia* fnictii fiutaci cwivi'uicnte, stit babliu *Hydrocotyle*
 Kulia umnis radkwlm, Jftla corrfau. Scapi *olltKrii tphylli, apice um-
 helUm »iq})i|(ceni involurraUm pub-lfl rfttJialim gerontes. In lizeri foliola
 lftt>rtfl.

I. O. HYDROCOTYLE Hook. Bot. Beechey, p. 469. — Rhizoma repens elongatum terra nodu-
 ran rraMitle pcwntc analise, bhrai valde simplicia rt>iHr>B», tjtccc foliosum.
 Folia petiolata, petioli superne pilosissimi, $\frac{1}{2}$ ad 1 unc. longi crassi recurvi, basi
 vaginantes lamina $\frac{1}{2}$ ad 1 unc. lata carnosula, late rotundato-
 cordata, basi biloba, obscure et obtusissime cordata. Scapus foliis longior car-
 ses erectus validus, superne laxa patentibus pilosus. Umbella simplex, sub-
 diata. Involucrum foliola 3—7, membranacea herbacea linearia vel oblonga obtusis-
 medio uniseriata. Pelticelli inaequalis, fructiferi involucrum superantes. Flo-
 minimi. Ovarium late ovatum, superne contractum. Calycis margini
 paulo incrassatus. Petala curvata ovata obtusa. Stamina petalis ac. pullonga. Styli
 breves subrotati. Itrf<n< U stylopodia conica gradatim dilatata. Filiculus frax 2
 longus glaberrimus. Heterostylis dorso valde compressa, late ovata, basi emarginata
 lateribus acule, costis filiformibus, ad commissuram angustam valde contracta. —
 Crescit in Vae Dromae Land ad Arthur's Lake.

4370. ASTERISCUM Cham. & Schk.

(DC. Prodr. IV. 82. — Wlph. Report. II. 27, V. 514)

I. A. ANETHOIDES Turczan. Bull. de Moscou XX. 128. — Caulis ramose fruticosus
 ramis teretibus striatis, ramulis superstitibus umbelliferis, inferioribus spinosissimis
 sterilibus; foliis ovatis linearibus bipinnatis squamulosis, umbellis teretibus
 bin perfectis, lateralibus simplicibus, fructibus oblongis. $\frac{1}{2}$ — Flores in umbellis
 terminalibus hermaphroditiis natis, in simplicibus unisexuali. Peltic
 hermaphroditum ovata in latitudine acuminata tubosa, fere ochroleuca. Stamina
 [9, filamentis brevibus. Filiculus a dorso compressus bilobatus quadrilobus evittatus
 Mericis plano-compressa, jugo unico medio In marginem abor-
 tibus. Stylopodium depressum. U dr. i. os figulii. Semen immatura. Pro-
 pter umbellas terminales pe' Hffm Anguliferis adnumeraretur, nisi fffli:kt<t
 cum aliis speciebus (pol. f*bt) hujus generis juncta fuisset. Pars inferior ca-
 list Igtttt. — Crescit la thlH prope Arantouigna.

4370/1. TRITAENICUM Turczan.

(Turcap> Ho lie t, tie Mofeno XX. IC0j

Calycin limbii oi^olotus. FfiKtiu biitotalu* a ftono c compressum
 mericaria ccmpruinBsiins litta, mpiene eiutrginnu binlnliit nin
 e icieujltt dunltiit cy(i>[to#tli, dono ritu mtdiuni prettrtS, jugis der-
 salibus nullij, laternJiltUn i> mngim'ni nbrtintih, comu Usura angusta
 bivittata. OU)ipbortUB filfonno liiuititiiii. Stylopodium depressum
 Semen utrinque p lli:uluiD, — Frut^x a>byllos ramosissimus; ramis
 •uk^tii, baii vaginis *mitrccili* roftdt MDjdtxli; umbellis simplicibus
 dichotoma p;iculatis Biba< *t parte i l i ore cadi ignot*
 ctm mftjniludinp illordm Pmrtani Auxriad, — Geitai e ir^tlb
 mcantm jkm [tracetntia vittarum nti affitiibitt <livrs<rtt, n rum mureo
 •t itiipoiitionQ iinntiUrc; AMtritdb]ulycpphali» ni vii letor habit
 <t characfarlbuft alftne, <t praeter ritu* culydi limbo obsoleto di-
 rfcwfmw.

I. * ni, NODUM Tuinu. I. e. — b — Crescit lit tlni ad Coquimbo.

4376. SPATHAXTINE *Jcq.*

(DC. Prodr. IV. 81. — Wiprs. Repert. MI. 387.)

- SP. ANCULOSA Turczan. Bullet, de JUOSCOU XX. 171. — Valleculis venis transversalibus elevatis rugulosis. — Omnia *Sp. paniculatae*, *Bed* rugis fructuum recedere videtur. An varietas tantum? — Crescit in Mexico ad Xalapam altitud. 4000 ped.

Tribus III. SANICULEAE Koch.

4378/1. HEIMIPIIUES *Hook, fil*

(Hook. fil. Loud, journ. of bot. VI. 419.)

Calycis marginis obsoletus vel inaequaliter 3 — 5-lobus, lobis linearibus, obtusis. Petala nulla vel breviter linearia. Stamina 5, filamentis inaequalibus. Stylopodia crassa connata elongate, in stylos 2 validos inaequaliter attenuata. Ovarium compressum ovatum uniloculare uniovulatum. Fructus oblique turgidus, breviter ovatus, stylopodiis persistentibus coronatus, costis inconspicuis, valleculis nullis, endospermo verrucoso vel crustaceo. Semen solitarium pendulum compressum, stylopodiis parallelum. Albumen inter carnosum et corneum.

Herbae alpicolae caespitosae acaules scapigerae, magis minusve pilis simplicibus tomentosae. Scapus validus erectus. Involucri foliola plures, inter se aequales, et circa medium in cupulam lobatam connatae.

Umbella simplex, sub-5—8-flora, floribus parvis sessilibus vel brevissimis pedicellatis. — Genus *Actinoto* indole, fructu defectuque petalorum caecum. — Herbae perennes Tasmanicae.

- HELLIDIOIDES Hook. fil. 1. c. 470. — Pilis patulis fulvis tomentosa; foliis petiolatis obovato-oblongis grosse crenato-dentatis; scapo elongato; lobi calicinis 2. — Crescit in Van Diemens Land in Kecherche Bay.
- H. AFFINIS Hook. fil. 1. c. 471. — Caespitosa: foliis oblongo-spathulatis obtuse crenato-dentatis albido-pilosis, junioribus petiolisque fulvo-tomentosis; scapo nudum vel 1—2-foliato; lobis calicinis glaberrimis. — Omnia prioris, cui valde affinis, sed humilior et partibus omnibus minor, pilis laminae folii albidis calicibusque glaberrimis differt. — Crescit in Van Diemens Land in „Mont Fatigue.“
- H. TRIIDENTATA Hook. fil. 1. c. — Densa caespitosa, pilis albidis hirsuta; foliis petiolatis spathulatis obtuse tridentatis; scapis folio brevioribus; involucri foliola breviter calycis lobis 2—4 inaequalibus glaberrimis. — Folia 4, unc. longa coriacea, staccitate atro-brunnea, angustiora quam in praecedentibus, obtuse tridentata apice subtriloba. Calycis lobi valde inaequales. — Crescit in Van Diemens Land in praecedente.
- H. SUFFOCATA Hook. fil. 1. c. — Densissime caespitosa: foliis parvis ovato-spathulatis petiolatis integerrimis glaberratis, junioribus [pilis] albidis sericeis Janaffs; scapo brevissimo; capitulo parvo; calicis margine obsolete integerrimo. — Folia coriacea 4 unc. longa, juniora, petioli breviter pilis elongatis albidis sericeis tecta. Fructus castaneus, ad basin stylopodii contractus. — Crescit in Van Diemens Land in Mont Fatigue.

4382. SANICULA *Tournef.*

(DC. Prodr. IV. 84. — Wiprs. Repert. II. 387. V. 845.)

- EIATA Hamilt. — DC. 1. c. 85. no. 7. — Wght. Icon, plant, t. 1004. et Spicleg. Sherr. l. 66. tab. 79.

4386. ERYXGIRIN *Tournef.*

(DC. Prodr. IV. 87. — Wiprs. Repert. II. 389. V. 845.)

- JR mosinervia) LONGIRAMEUM Turczan. Bullet, de Moscou XX. 171. — Foliis simplicibus longe petiolatis ovatoellipticis Inerme crenatis, caulinis paucis basi am-

ji|eik-xuli!nn oblongo-lanceolatis obtusa crenatis; caulis a basi vel medio in ramis
 MucLdO* longissimos, rernus rardlufit bifolios monosephalos distans; involucri foli-
 la JO — ti linearibus longe apicalia, capitulum plus quam duplo
 superantibus; paleis subulata floris excedentibus. — Glaberrimum, involucri folia
 coarctescentia, tttut plerumque »...llarj, ititrduiu \v m terniya si tint- filia 2—3
 <fl|utk. nun *euuii*t numero ramorum jn><fuj|bu*, fati* tnfirftin caulina rarius ter-
 v|itt |etiolata, 2j — E. ramoculoides Benth. videtur ad hnc qiilninifln nota au-
 dere, at r<utt* In line nunquam monocephalus. — Crescit
 Pedro Nolasco.

II, E, fttUPDSUHI T<r">n. I. f. tTA — Amtlr: Milo, niilLuJlbtit uJiKi
 i.iii. !... irfnniwffii. Bptr* rftimnfiwrltt. ttnqpt* <t.tif*gtiMO crenatis, crapo
 cep.1 hi i ttivulani tHihR* H t>atiit» artificialibus apice 3—5-dentatis, dentibus
 Dr*t.-utifni< r i •phylum p|ia H**m il<ril> ue<t|<iiUtio<. 2j. — t'cajan 9—10 pedum
 altus. Diglossatur ab E. radicefara et hamili crua foliorum superioribus lat-
 obtusis, inferioribus acuminatis, nec omnibus iBiliir <tm\hi> punsentibus. —
 in Mexico in monte Oaxaca altitudine 9000 ped.

3. E. AWTKtJLAICM Hook. Lond. Journ. fl lwt IT- S33. — Aquaticum, subulato
 caule striato, superne dichotomo diviso; foliis lanceolatis longis (radicalibus
 alius) petiolatis cuspidato-acuminatis spinuloso- serratis penninerviis reticulatis, nervis
 primariis parallelis; petiolis rarisque lobulatis arthostatis, radicalibus petio-
 latis planta canaliculata spinuloso-ciliatis; foliis involucralibus capitula plus
 longioribus lanceolatis virgatis, basi spinoso-pennatis. 2j. — Crescit in America
 ptentrionali ad Spokan River.

4. E. (Paralletevoria) ASUJUTVO Benth. Journ. Bot. Lond. 1847. — Caulis striato angulato
 pressu, foliis, apice trichotomo, ramis monocephalis, adjectis nonnullis capitulis
 trichotomis et in axillis foliorum superiorum nascentibus; foliis radicalibus
 caulibus semiamplexicaulis oblongo-lanceolatis, basi hastatis, longe acuminatis
 grosse dentatis, dentibus spinulose hastatis; involucri foliis
 linearibus integerrimis, spinuloso-acuminatis, capitulum superantibus. — Folia
 Men viridia, la capitula caulis medium terminante capitulum plus quam duplo
 raula, In cwtalto ca longiora, paleae subulatae floris excedant. 2j. — Habitat in
 E. in Mexico monte Orizaba.

Tribfl IV. AtfMVELifl Koch.

4390. in.niA Hoffm.

(DC. P<dr. IV. *w. — ttfpn. JUPwt, ||. .ftl. V. 846.)

1. K. KOTSniYI Biutv 1)1j:II. jtUm. ..rlenl, D<T. VI. p, ffil. — llmlkr
 dense squomoso OfutiLraulli fn]HA (Piuillit ut ra^itsLRnM jlMnc<<rtiU<*<
 bar) ii I In Lid > EnlittfiuUbt* lurvtituu 4Uthltu tnotr^i*U> b)nk<inallfi-<
 segmentis brtiinblitiLi sr^siHhirs, tqcinii* oilcmLgo-tlatirlliu* <D<I rerrha
 tis; oiunltM undli * Uul Jitb>t<i(U4 raiauiit; f*]jii <JIIIIIH* >J •<'
 lineares r^ducllH f miibellim tnairqualitr 3—trmlbll*, pviuacaU' H*
 involucri el lovnuf.vlh ^tijllis Z—1 mi film I* allin oturgin^IU. D>I
 petalis hi*TtrT^tT Tltnnihtfn aihciui* d<a(ibat iHangalirtbtt* •
 globosis verrurM't* »ij tvjnid** Uliuluo pUob ta)iuUt< «iy]inqua •'?!'*
 quilongia superata, 2j — Aitutui* if, depressae, quae caulis abbreviata
 que oblonga distat. — Crescit in regionibus altioribus alpia Kuh-Dala
 australis.

4394. PETROSELIN'tH Itffm.

(DC. Piadr

I. P. SEUQERTIAflnM Wat>u> Iti fiobk. Lund, jnuni. <f but. ft
 striato divaricato-ramoso, petiolis vaginantibus; foliis icrn,»i<p

foliolis ovatis acutis, basi saepissime inaequalibus, margine calloso, omnibus (etiam Miprenus) dense serrulatis, involucri foliolis imari lanceolatis integerrimis, raro nullis aut caducis, involucelli ovatis cuspidatis mirgimbus membraceis. Q. — Herbd. t. l. alna pedt. l. s. aut minor. Foliola bipinnata biternata etc. Foliola maequaliter cordato-ovata, saepius ovata, rarius elliptico-lanceolata. Pedunculi foliolis oppositi vel margine terminales. Umbellae multiradiatae 10 — 20. Umbellulae multiflorae 20 — 40. Flores luteo albidi? — Prater elatoceras indicatos a *P. trifoliato* (Wats.) gracili, distincto elato distinguendum staturum humiliorum, caule robustiore, e basi fere ramosissimo, foliolis cissatis fere omnibus decompositis et serratis numerosis etiam in superis. — *Aundmanma Sicula* beubeit, Hoi. A. Onc. 41. — Cresta ad vias juxta litus insularum A. ourarum Pico et San Miguel

4401. **FALCARI** & *Rwin*(DC Prodr. IV. 109. — *Cantamus* Bess. — Wlprs. Repert. *II. 392.)

I CAROLUS C. A. Meyer, Beitr. zur Pilznkunde. Russl. I. 14 f. — Raddice fusiformis, foliolis bipinnatis, segmentis minutifidis, infimis ad petiolum communem deorsum latius latis acuminatis integerrimis, margine scabro, involucri inaequalibus. — Monstrositatem fere *Carvi* simulat, sed accuratius immata non sequentibus ab illo differt: 1) foliorum segmentis elongatis, laevibus nonnihil latis, 2) umbellae radus elongatae gracilibus, 3) calycis dentibus manifestis, 4) petalis minus profunde enerviatis, 5) cremocarpis elongatis. *Fulcaria Rumi* omnino similibus, 0) odore fere nullo, vel saltem non *Carvi*, cum dicitur triptione *Petroselinii* *Herberti* Wemm. plurimis notis convenit, sed involucri involucelloiumque defectu longe distat. — Crescit in Rossiae prov. Tambow in districtu elatomsk.

4406. **CAROLUS Koch**

(DC Prodr. IV. 114. — Wlprs. Repert. II. 393. V. S30.)

* GRAECUM Boiss. A. Heldreich, Diagn. plant. orient. nov. VI. p. 58. f. — Perennans. — Radice tenui, collo superne reliqua petiolorum veterum squamoso, caulibus subtlexuosis a basi parce ramosis subnudis, foliolis plurimis, radicalibus longe petiolatis ambitu lanceolatis bipinnatisectis, segmentorum oppositorum abbas latoium. — Radix linearibus confertis, foliolis paucis, segretis pinnatis. — Umbellae angustae, umbellis terminatis longis pedunculatis parvis 3 — 4 insertis, involucris 1 — 4 pinnatis foliolis lineari-subulatis brevibus, umbellulis minimis 5 — 12 floris, involucelli pinnatis 5 oblongo lanceolatis late albo membranaceis acutis pedicellis brevibus aequantibus, petalis albis profunde emarginatis cum lacuna inflexa. Prater vittam dorsalem nerviformem utrinque 1 — 2 vittis angustioribus percussis, rachis pedicellum suum aequante oblongo a latere subcompresso, stylopodio obtuse bipartito stylosque reflexis stylopodium longitudine superato, dentibus calycinis obsolete, jugis elevatis cissatis albidis, valliculis utrivittatis. Z. — *Jfleum Graecum* Boiss. & Heldr. mss. — Crescit in legibus excelsioribus Taygeti, in monte Oeta Thessaliae,

4407/j. **ACRONEJHA** *Falconer*.

(Falconer, Transact. of the Linn. Soc. XX. 51.)

Calycis margo obsoletus. Petala lanceolata, in apiculum filiform emarginatum aenminata. Stylopodium bifidum dilatatum; styli divergentes, apice deflexi. Fructus subovatus a latere compressus subdidymus, meridia basi gibba apice angustata, jugis 5 aequalibus tenuiter filiformibus, omnino evittata, carpophorum liberum integrum, apice bidentatum. Semen teres convexum, antice planiusculum. — Herba perennis Himalayensis.

* **TENERUM** Edgwrth. l. cit. — Pusillum glabrum radice tuberosa, foliolis bipinnatis, foliolis basi cuneatis lobatis, lacinis spatulatis mucronatis, umbellis 4 — 8

radiatis exinvolucratis, umbellulis 3 — fi floiis, involucelli foliis 3 — 4 subulipaiwilts, petalis staminibusque us bievionibus et stylis longioribus fuscis. 2J. — C' sett in Himala ad alt. ped. 6000 — 7000, supra aibores inter muscos epiphyta, 2 — pollicam.

4410. PIMPIXJELLA Linn.

(DC. Prodr. IV. 119. — Wlprs. Keper. II. 303. V. 854.)

1. P. (*TiagOieLnumJ* MJGOSA kn/e. in *Tloia* (B. Z.) 184G. p. 634 f. Folus quin-
tis, foliolis e basi subcoidita oblique ovatis obtusis lobatis deitatis, subtus mpiu¹¹⁹
ad nervos stabns, caule folioso angulato sulcato, versus nodo> piulo mcrass t<>, rc
trorsum scaberulo, styli* fructu (iminaturo) oblongo ru^uloso bievionibus. 2J. "r"
Crescit in Siena Nevada in umbrosis ad (uvium Jeuil inter pagos Guejar et (1 "r"
c. 2300' in Hispaania.

J- Icon addenda.

- P. LESCHENAULTH DC 1. c. 122. no. IS — Wght. Icon, plant, tab. 1005. & Spirit
Neil, herr. I G7. tab. 80.

4410/^ **AMSOMETHOS** Ilsskil.

(Ilsskrl. *Tloia* [C. Z.] 1847. p. b02)

Calyx minutissime quinquentatus. Petala integra acuta infle*
Fructus a latere compressus, subdidymus glanduloso-granulatus, stylop-
dio subconico bilobo, lobis patentiusculis; styli elongati reflexi; n^{ict>1}
caipia inaequalia 5-juga, jugiis primariis filiformibus, lateralibus subma^r
ginalibus, secundariis quinque obsoletis, valleculis evittatis; carpoph⁰
rum per&istens liberum apice bhdum; semen dorso convexum, comm^{lit.}
sura planum.

1. \ ALPINA Hsskrl. 1. c. — Heiba alpina: foliis radicalibus pinnatis, pinms
setaceo denticulatis, terminalibus subtnlobis, folus caulinis liidiinentarns, ph
spathaceo lacinato, umbel! i composita multiradtata, Involucn pohph\lli f^{o.11. b}
lanceolatis incisis, flonbus albidis. — *Punpinella Jatamca* DC. Prodr. IV. 122 — H^{er}
(*tchatna Jaiamca* Zolling. mss. — Ciescit in montibus Javaeouc tahs 8 — 10000' s^{er}

4410/2. PETROSCIADIUM Edgwrth.

(Edgwitli. in *Tian&act.* of the Linn. soc. XX. 51)

Calyx limbus obsoletus Petala ovata integra, lacinula ind^{ill}
Fructus a latere compressus oblongus, stylopodio pulvinato, stylisque
divergentibus reflexis toronatus, mericarpia 5-juga, jugis filiiformibus
aequilibus, valleculis univittatis, commissura bivittata, carpophorin¹¹ bi-
partitum adnatum. Semen planum oblongum, basi angustatum. — & ^{er}ba
perennis Himalayensis.

1. P. CAESPITOSUM Edgwrth. 1 cit. 31 — Caulibus numerosis, basi reliqui[^] V
lorum marcidis sqinmitis caespitosis, folus omnibus subradicalibus pinnatip^{3rtu/4}
pube cuerea tomentosis, foliolis 1 — 3 jugis subrotundis tnlohis, segment^{0 me ^}
tudentato, lattiaibus intt^ns, scapis tenuibus puberulis (3 — 5 uncialibus)* ^{an} |g
en et involuctilli foliolis subulctis pubescentibus, umbellts 3 — 4 radiatis, ^{uni} belle
6 — 10 floiis, pedicels calyteque cinereo pubescentibus, petalis extus pubes ^{con} ^
bus, stamibus petalis longioribus, fiuctu pubescente. 2J. — Herha cmc^{rea} ^{an} JJ.
ns, facie *Punpinellae* sectioni *Iragann* aemulans, valleculis uni nee ^{an} ^{an} ^{an}
versa, nee non petalis internis et caipopboio adnato. A *Petrosdino* form^{an} ^
ommno aliena est. — Ciescit m Himala ad alt. ped. 10 — 11000, in rupibus >>> ^{fral}

4411. UKITERA te.9.

(Ulpis. Jlepert. II. 393. V. 857.)

- 1 R ACUMINATA Edgwrth Truisajt. of the Linn. soc. XV 52 — ^{Elect*} ^{br} ^{an} ^{an} ^{an}
folus bi — internatis, foliolis lanceolatis acuminatis pinnatidis vel atute in^e ^{an} ^{an} ^{an}

ttis, involucii et involucell foliolis subulate lelevii. & ? — Ramosissima 2 — 5-
 flalis Umbellae oppositifoliae tummalesque multiradiatae, pedunculis graubus.
 involutii involucellae foliola subulata, niargine tenui stanosa integra vel subpinna
 bifida ietleii Umbellulae 8 — 12 illoiae, ilonbus intirioibus inteidum stenlibus, pe
 Javellia gracilibus in fiuttu nutantibus. Calvus margo obsoletus. Petala ovata m
 tegra, apiculo bievi uivoluto, cadu&Mma, Jute) vuescentia. Fimtus (junior com
 (Pessus) matinus diclymus, stylopodio conico rugoso sty&que leflexis coionatus,
 Ateralibus intramdroinalibus, valleculli vittatis, carpophoruin bipartitura,
 ^seirteretiii" ulum, facie planiusculuin. — Heiba Javanica.

4-H3/2. ittURRITHIA Zollhng.

(Zulhijti, lloia [13. Z.] 1847. p. 601)

Cal) α> tubns hiiMitui, limbub obsoletiih integer. Petala ovata acuta
 integra, aicte involuta, niargme refle\, dorao villoj>d. Stamina involuta,
 maunenta filifoimid. Kructua a latere conipre&siuscuhis t>ubteres hir&utu&
 tylopodio (rubro) subp>iainiddto; miiicdrpia 5 ju^a, jugU hliformibus,
 Ateralibus intramdroinalibus, valleculli vittatis, carpophoruin bipartitura,
 ^seirteretiii" ulum, facie planiusculuin. — Heiba Javanica.

!• M. COHDAIA* /ollingu, 1. c. — Heiba bipedalis urecta folus uidivisis ovatis coi-
 datis atutis, aigute senatts, reticulato rugulosis in veins hirsutis, involucro oligo
 phyllo, umbtlla composita, umbelluhs multnadutis, flunbus albis. — Cicscitrnu
 pilus, mouturn Ja\ae onentalis 5 — 8000' & m. elatorum.

44U. BI^TPLEL^TRI^TM Tourncf.

(DC. Piodr. IV. 127. — Wlprs. Repert. II. 39G. et 937. V. 839)

• B. liUPESiItE Edgwith. Tran&act. of the Linn. soc. XX. 52. — Annuuni' multi
 caule* fulns linealibus, basi brevitei mimbianaceo va^inantibus marginatis levolutis
 a<-ummati&simis, umbelli& teimmalibus iuucqu ilitci 2 — 4iadiati&, involucii diphyll
 ^liolis lanteoldtis acumiatis s>ubeifuliatis, uibelluJii pluriilons, involucell foliolis
 ' — 8 basi connexis late lautcoldtis obovatisve acumin itis floies supciautibus, peta
 is> ovatis apice imolulis, fmctu lateie tompiesso disco i^agno ni^rcscente st^li&que
 ••"tvibus rectis coion.ito, meicarpn jugis 5 acute costatis subalatis, vallttuli^ omni
 bu< et (omnssuia bivittata. 0 — Affine D. tenui et utgala, involucell fohohs plu4
 Tl>us fmctoque sub.ilato distinctum. — Ciestit in Hiniala ail alt. ped. 11 — 12000, in
 b>WU& dd cacuinen montib Chur.

t Icons addendae.

- ^U-DISTICHOPHYLLIJM W^Ut. & Am. — (Mlpris. 1. c. II. 397. no 10) — Wtjht.
 kon. plant tab. 100b.
^h, KUCHLLII tail. — (Wlprs. 1. c. I. 397. no. ti.) — Alias m Russeg^ers Reioe Hft.
³ tab 18.
^U UAMOMS&niUM Wflit. & Am. — (Wlprs. 1 t. >^s no 1J.) — AVjht. ILOII. plant.
 tib 1007. & ^plcil. Neilghen. I. G7. tab. 81.

Tribus V. SESELINAEJE Koch.

4418. OEXANTHE Lam.

(DC. Prodi. IV. 136. — Wlprs. Repert. II. 399. V. 8f>l)

^l FLUVmiLIS Coleman, Bot. Zeitung: * IV. 493. — (Tiansatt. ot the bot. so<\ II.
^h T t. 8.) — Caule iluitaute sursum incias&dto, basi repente ad geiucula ladicante,
^u bi6 bipmnatis, segmentis bimpheibus pinnatifidi&ve, submessorum pellucidis cunea
^t h>U), nervis pluubus parallehs, umbellib oppo&itifolus, fiuctu late elliptico,
^s U> divancati^ tuplo longioie. 2]. — Crescit in Britannia ad planitierum flumiua,
^l t r u j

^UE. CORTICIV Edgwrth. Transact, of the Linn. soc. XX. 53. — Caulibus* decum



bracteis foliosis; *ft* PIMUMCOI I — 2-jugis; foliis late ovatis inciso-seriatis, involucri et involucelli (n\o\it H atari tw> fdfcxl>| evricupH jutfit marginalibus ciliato-lacinatis. 2

pritoltt* hljiif*, sit[t*ri<ir* upbucwUl* trfnfcikrr iu VJUtu* brt-i'l. Umbellae oppositifoliae terminalesque, multiradiatae. Umbellulae pluridorsae, involucri et involucelli reflexae. Calycis lacinae acutae. Petala ovata integra, apice inflexu linea dorsali fovea. Stylopodium breve conicum, calycis laciniis aequo brevius. Fructus subglobosus, calyce styloque rectis coronatus. Mericarpiis 2-jugis 3 dorsalibus lacinatis, marginalibus majoribus cordatis, valleculis distinctis, commissura bisulcata, carpophoram indistinctam. Semen ad trigonum. — *Allia Dasylomati latifolia* et forte cognata. **Difeit** autem (cum *D. latifolia*) a diagnosi generica calycis laciniis longis sine margine obtusato, styloque longiuscula non brevibus. Semen vero ut in *Dasylomati* subtrigonum. — *Crescit* in Italia boreali-occidentali, rivulis stagnisque, in provincia Nithard, Fladum.

3. OE. SESELIODES Prod. Bot. Bernerk, pag. 74. — Glabra; caulis teres striatus et minus foliosus; folia inferiora tripinnata vaginosa amplexantia striatae pubescentia superiora simplicia, segmentis linearibus rigide callosa membranata, serrata, supra tribus simpliciter, segmentis elongata basi ad nervos; lobis circa 4-phyllis inaequalibus, foliis uno raris longitudinalibus, aut hepta-phyllis aequalibus foliis oblongis acuminatis membranaceis raris brevioribus; involucella 7-phylla minima ejusdem formae. 2 — Umbella 12-radiata. Flores albi. Ovarium glabrum. — *Crescit* in Prussiae boreae apud.

4430. SESELI *Linn.*

(Df. IV-4r. ft- I<- — Wjys. Repert. II. 401. et WS. V. 564.)

1. S. *(Mippunaratlow)* GHANATENSE Willd. Ann. Bot. Zeit. V. 311. — Perenne; caulis ascendens teretibus, supra ramosis, scabulis; folia radicalia pinnulata bipinnatis vel trilibis, superiora ad vaginam reducta; umbellae pedunculatae 5 — 8 radiatae; involucro scabulis, umbellulae I*—1: II-tiii, involucellorumque radiis numerosis ad medium usque minutis subulatis, apice coloratis; fructibus elongatis dense pubescentibus. 2 — *Tota* planta densae pubescentia glaucescens; radice cylindrica alba multiplex; apice petiolarum foliorum radicalium exsertatis subrotatis; caulis striatis apicibus pedunculatis; petalis parvis albis, stylopodio styloque pro aethera reflexis visibilibus. — *Crescit* in latere boreali montis calcarei Sierra de Alfaraz, supra urbem Guzman ad altitud. 4000 — 4300 in Hispania.

2. S. *(Enzella)* LUCASOR Barb. in Ann. del reale istituto alle scienze nat. di Napoli VII. 24. 1/2 (c. 17.). — *Ramosissima*; caulis erectus striatus; folia radicalibus petiolatis 2 — 4 ternatis, foliis angustis linearibus elongatis canaliculis serratis, caulis subsessilibus 1 — 2 ternatis; umbellae umbellulaeque hemisphaericae multiradiatae; involucro utraque polyphylla persistente, foliis aliformibus distinctis; fructibus cylindricis stellato-bisulcis. 3 1 — *Caulis* bipedalis et alius non scaber, superne ramosus, ramis oppositis aut T<fJ<*it>(i), (tin alternis, erectis persistentibus, cauli similibus, lateralibus aliformibus, foliis lustratis. Folia radicalia perennantia glaberrima, laete virentia numerosa, circumscriptione ampla, longipetiolata, petiolis striatis canaliculis, basi vaginantibus, caulis parca ad ramosam insertionem, foliola radicalibus subuliformia rigidiuscula carnosiuscula subrotata caulis duplo breviora <t tklmii canaliculata. Umbellae

i(iirr caul I* tt uraniu pedunculatae sub
licem longis teretibus striatis hirsutiusculis, umbellulae densae, radiis fructibus involucellisque aequalibus, I — J lin IKH^U. laroltitil foliola bisulcatis, 1 — 1 1/2 lin. longa, basi ad marginem vixiosa, DLqe parum dilatata, apice attenuata pedunculata involucella involucro eufffonnit, b*J n*ut cmilu, CAJH quinquedentatis, dentibus brevibus. Flores omnes f*mlc* •Tbl, p<Ull> aequalibus ovatis acuminata subcordatis bisulcis parvis, ad urlIHRI tirriitiliui. Fructu *truttu 1 — 1/2 lin. longo diametro fere lineari, utrinque quinquacostatus, costis filiformibus, valleculis aequo

Si s univittatis, stllis ptrsistentibus breusslmis reflexls coronatus — Radices et h>*mīia gr tie et acute aromatica sunt Ab affiīibus S. ylobtfern et & tomentosō VI siani differt imprimis involucris pol>ph>llu». — Crescit in rupibus elationibus Ualvani loco ditto Le Armi, ubi *Ftnocchtastro* appellatur.

J & Sr\ 'LARE Boisb AHeldreich, Dia^n plant, orient, nov. VI 60 f— G!iberri >Qum glauce&cens caulibus juncej. iudis a basi dichotomy ramusissimis Intricate dumusis ramisque ri^tdis, folus radkalibus petiolo brevi dilitato suffultis, ambitu tn a"culaiibus bipinnatisectis, laciniis puitissiiinis rigidulis huearibus pectoli ramifica tiomlius simillimis, fulus caulims ad launiain linearem bievi&simam reductis, umbel >D terminalibus 2—3 radiatis, umbellulis J — 5 floris, radus pedicellisque ngidis, iivolutn involucellique pli> His 2 — 3 ad squamulas hneares leduttis, petal is albis "••^nis emarginatis cum lacinula, cal>cirus dentibus tnan_nulanbu& atutiS, ovariu oh-longo hneart basi attenuato pediLellu crasso el bub iequilon_a_o sutTulto, st>lopodio elongato cumco st\ Usque st>lopodio tnplo longiunbu& tenuibus flexuobis coruiiato. 2j. — Crescit in rupestnbus ad mves la>_o'etl fiummi locō Kakochoni ditto.

f Iconcs addenduo,

ALOIIIJ<ER(;M>Visiani, Hor. DaJm II. t. 30.

P UOMOMLNbL ViMaiu 1. c. tab. 29.

4432. LIB WOT IS *Crantz.*

(DC. Prodr. IV. 149. — Wlprs. Repert. II. 403. V. 863.)

*l> IMtUMEDIV Rupreht, fteitr. zui VAIunkd. Russl. IV. 51 — *L. StbincaHtttAu* L ^UCIILA. Huprecht, Ucit. /ur Plln/nkd. llus&l. 11.30. t. 2. — Diversa est a I. e_onUematu DC regioius Uialeusis septiciituoīiaU& (quae a descnptione Lmīiaei soluni >or>bus roseij* recedit) fulus opatis, bieuius petiolatis hirsutioribus, praesertim in >oIucelhs duplo latiuubus purpurascē ntibus, gci minibus et pedicellis hirsutioribus, >cr>e villosu., nee toloratis, petiolis superiīie cum ibicln hnsutis, a descnjitione *Alha ^ntae condematae* Linn, diffirt caule aplice flurifero, net nmis2 — 3 Hunfei is in btructo, folus &ubtus nou mtidis, flunbus non slbis sed distincte roseis, germimbus ^orum non purpureis, anne bae differentiae ex uA^1 speumine pendent? Recentiores >u>ctorts in contrahenda *At ham ant a Libimotidt, Sibirxca et condcRiata*, quas pro di-&tl>tti^ Lmnies hibuit speuebus, versantur, sed A *Sibinca* ab utraque diveisa iik >ior>to kewen&i (Edit 2. 1. p U3) per 47 — 40 annos colebatur et tharacteres ser4 >va>vit. \vt suēcies affinis est *L fasti (fjat a (At ham condensatu LeJhr. "fiflhAlt et^* >Co> t. 178.) diversa a *Lib. condenmta* (L) DC. umbella non densissima nee utriq le J-ō>>ola, sed mox fastigiata, ab lite planta *Duhunca Turczamnowii* tantuni foliolis >o>S'<>libus et an^ustiunbus, fere exacte liueanbus differre videtur, specinuna pr >ū>ka collecta recdunt a descnptione Linnati folu* upacis , caule Inferne licet ab >I>so ultia 1% pedali, pedunculis quam in icone II. Alt. longioribus, ita ut umbel->u>ci non condensdae suit uti In planta Uralensl. — Crescit In teira Samojudorum ad I'fomontonum Mikulkn

f Icon addenda.

¹ Nil ID V \ iwn, t i,i i Dilmat. II. tab. 28.

Tribus VII. ANGELICEAE Koch.

4456. ANGELICA *Linn.*

(DC. Prodr. IV. 167. — Wlprs. Repert. II. 406. et 938.)

v (1 \UC\Edgwrth. Transact, of the Linn. soc. XX. 53. — Glabra folus triter >natl8> foliolis lanceolatis inciso-serratis, subtus glaucis, umbellis pluriradiatis iubae J >thas involucu involucellique foltohs sululatis. 2\ — Elata glabra ;6 — 12 peda -14), c&uh& fistulo&us. Foliola lateralia quandoque lobata. Umbellae terminales et >pp>onulfoliae, |u|Ige pedunculatde aequaliter pluHradiatae. Calycis margo obsole

tas. Petala elliptica, extus puberula, apice involuta nec apiculata; ...
•ia iut, ntf lo^iii,||i> ti>it uet<< hrtil >< ii •
Mirrk<r[r]> jn^li .; iWulihm, II lii. ...
l'a niilri[f4ii*, rrmmincr* 4 — 4 rilLkl* plan*. Vim ...
* << B AUSHH : • << • <<> u — iifww <† a t e w<<< ...
ilintiU >>J PUL. |*<<rf. MN'— M

2. A. 177/ II'A¹ i> >' Gey.) | tTM M,LiT % tir<>Tt B H. ...
natum pinnatis, pinnulis oblongis ...
subextradate, talia medio | M C n r i , m ...
radiatim dispositis, fractibus ...
magnis ; • tjrla pfttauti-Mftiola, longitudine fracti * . 2f — Cr<*>dt In America ...
in districtu Indianorum „Nea Percu.“

4456f., OHECKO.ilt: Edgwr&t,

(Edgwr k* in TftMMUt. •<(iUe Liuij. nor. KK 84.)

Calyxis limhiis 6'fnJn.i, luduiis <<iJtibLLs, l'utata ovata, ...
JkXA mn^VA mmiiAve onuu^gtmu a. Fructu., n <Jor>y ci>tnpr ...
itio ttylie-i{ue rdl'-xbi coronatus; mericarpiu 5-jugo, jugis olatis, ...
h.hi • ihos arii !-. Pallecolis univittatis, marginalibus quandoque ...
i'QinrhJasnra 3 — 4.*ittaU. S*•n>n in ruce plantam vel subconcur ...
dors> »ub Vftlvfl!'ls exsulcatam; carpophorum liberam bipar r itul ...
ILTIMO peniuiej Himalrn

I. O. ELATJ. Eii >rrli. I, tit, — FulU. 4 - • ?r%JI ...
pitiuhtctiJ*, pinnJi Af JMitii i^ ...
aculis, i <•-I'i li foliula ririri^ m gjtMHhi* . . • b**<<4-. BM^taafil ...
ra 4 vittis ...
nultet puberula. Caulis fistulosus striatus. Folia inferiora longitudine petiolata ...
piutuH n cta, calix tripinnatisecta. In his pinnis praecipue ad apicem vagina ...
omnium lobula medio-dentatis acuta, in caeteris puberula, caeterum plan ...
Um-Hao oppositifoliae ternata ... e, longe pedunculatae multiradiatae. Involuc ...
foliola linearia, magis minus ... involuella linearis subulata, nerva ...
margine ciliata persistente tutvgrkt Calycis e]-hri<>csll UcEnl ...
apiculo inflexo subcordata. Filamenta illa paulo longiora. Ovarium a latere compo ...
sum. Styl' brevis, stil h>h>jni^tio pinnato dellexi. Fructus vallecolla dorsalis ...
1., marginalibus 1 — J rltttOi. commissura 4 TitJuU. Vuirii >ok<i JJ ...
sub vittis exsulcatam. — Crescit in sylvis Himalae alt. Jlnl Hfftt—1000.

2. O. FLUCIFOLIA Edgwrk l. cit. — Folia inferioribus, 4 - 5 pinnatisectis, ...
ribus trijiii'i4U>fTirt. ...
hincocollis acuta mucronata, involucelli foliola bifurcibus ...
vallocalis dentatis sub, marginalibus uni — vittatis, commissura 4-vittata, ...
antice subconcur., 2 — Erecta puberula 2 — 3-pedalis, caule fistuloso striato. In ...
bellae oppositifoliae terminaloque, longe pedunculatae multiradiatae; involuella ...
folia linearibus integra vel apice bifida, i ...
pinnatisecta, lobula subulata, ...
sive pinnatisecta persistentibus. ...
Petala obovata, latera caudata, ... MI . ii, . : . 1 ,nhl'iii'iuir<i Ur' ...
gis minusve emarginata. i >Ut> >'* petala subduplo j.<npiurj- SL.i I' ...
pedio mediocriter poly uitu rdkxi > ... uairituui - ". • .
que bivittatae, commis ir.T HuaJftvllt.I^ nUtix. S.;tiefl OUTler 1*vyter ...
dorso ...
nia A Jk* I, 4. cruuff ditUc. — <.V*t>l ill M ho UJIU*U < *d *>• l' ...

Tribm Vlli. FEUCEDANEAJS DC

4458. j. FKKrHftO A ocl.

W p. BT. — Ft'mtm MML 1, FfwUwo D4 DC IS 1<. IV. [Tt« — VI lp«»
Report, B. 40, et 508, V. 874.]

L. F. CIN. III \ II. i. pi. ^i wd ^ . M * . ¥1. * . * . * . * . — C*ul* i-Utn mutt, M
petas dymidites paniculata puberula; foliis petalis emuliculate serratis ambita lac
costata tripinnalibetis. calycis lobis gracilibus, segmentis abbreviatis, limbo lac
costata brevibus divaricata stipitata emuliculate, caulibus superioribus sessilibus pro
longatis, involucris involucralibus phyllis ovato-oblongis in petalis be
nucostatis. 11 — Allus F. trachycarpus. — Cruci II) »Wf
et Kab-Dima frequenter.

4459. SCORODONIA Bogn.

[Petals ambita & calycibus aut 1513 in horta botanica Berolensi ada.]

Flores abortu i: u L (1. 5: Calyx plus r «. i. i. u obsolete sine quinque
lobis. Petala quinque obovata obtusa integra plana flava. Stamina quinque
Stylipodia lata depressa, styli brevissimi abortivi. 2: Calycis lobis
obsoletis. Petala quinque obovata obtusa integra plana alba vel
albescens. Glandulae quinque minutae sublobis staminum loco. Sty
lipodia elevata. Styli duo reflexi, stigmate crasse capsata. Fructus
e dem compressis subhincularia. Mericarpis jagis tribus dorsalibus
sepe distantibus variatis, lateralibus inaequaliter dilatatis to aba,
nervis lacum, illis medio carinatis. Valleculae et commissura stri
ata evittatae. Carpophagus bipartitum liberum.

epi
na desertum Asiae medi
epi
nae robusta; involucris palmatis amplis ternatisectis, segmentis
bipinnatis, lacinis oblongis integerrimis obtusis, caulium vaginis
bipinnatis, annulis apyphis; involucris composita simplicibus; em
bellis sex distinctis, medio pedunculatis umbellatis, vel solitariis ses
silibus, femineis albifloris vel albescensibus, villosis, lateralibus grac
ilibus pedunculatis, demum deciduis, masculis flavillatis. — A Ferula
et Theriacis distincta calycis margine obsolete, petalis vittarumque
lobata.

et descriptione ante factis Exampl.
reprobat. quod in hoc lectum
hanc segmentum depictum, nec folium integrum, et a descriptione elicit. — Cr
uci in deserto.

4462. PEUCEDANUS

Wp. Report, B. 40, et 522, V. 882. — Panchonum & Imperatoria DC, Prodr. IV.
1» — *iU-t

L. F. DIVINUM Bohn. tHi^n.]lttil iHrr*, l. «ef. VI. f, U, — Csatr «U»> trr^U A^lafii
herba tenuis alba, superne ramis paniculata; foliis pubescentibus amplis
bis aprideconi petiolo brevi valde inflato vaginis involucralibus, et vaginis
parvis in lobis angustis medulla erectis. •t_T—
folia minute et obtuse lacis-cripsis, filicem cano
vata, floralibus lacis-cripsis deciduis, limbo abbrev
vatis; umbellis longe pedunculatis; involucris natis, involucralibus phyllis ovatis pec
natis; involucris abbreviatis; petalis brevibus medio superne in carinam elevata medulla
in involucris inferis stylipodia depressa marginibus unde
lobata divaricata. — Cruci 1. 11 (bu* l* < / III - ntluw
L. F. MURDOCHIANA Bohn. l. cit. p. 62, v - H dlice eiWU
verificati andova; casu

- erprtu tertti t»«vi tenul liumili. tuperne rLnrpso, m\ rim^rum origtni-m so ^ H
foliis p.irvis, vagina* lnb»tm« temlUi siri.sline mejuiirtrm rear Uwidentlbas, -nl
va^in.tu it—3-partlttc, HTifonifam blpinutisetcts, laelniis mlnuti&gimis carnos
Tibus Irifulls Tigldulis- fnjiis uotlnls ill v,n;iii.Lin iy;ii.Lin parvant Lftcinia minoW
natiieeln vel Integra termloain redocUij jianiculae rimid taasi nmJfs; umlitllis
ftdlfttti umlit:Ju!si[U; 4— 7-florts; hivnlucris nuJlls, [ftrotuceIt* 2— 3-pb.yUit
mini•Uj petal!! lotefeenttbui dono inTvodiM Nubemiir^inAtis cum lucinul* I'
chij'Cirtix il-mJjuss brevlAalmi* | siyis sr^ Iii()nili0 il^pre-isiastroao dtiplo
•— Ciulifi vil jtdalijs, baliitu* *Jahrcuiriuru*, — Crescit ail hterb
kutiDaena,
3. V. KOiSt'JIYI Hniiss, f. cV+ *- — (il:ibrrrimjm i^Liucum: caule turrHi sirial"
superius dichotome ramoso; ramis strictis; foliis radicalibus petiolo dilatato superius
cum alien la to aufdltif, arablta lanceoUMs blpininjiseclis, d\vf«lonibaa prlnarfil
petiolalis rentoiijfsimis n'Uinjts, utrjujur in gegincnta ablo!''i~o~cui:eata den
periora basi confluentta jiATiiti, fullix caulinis :ul va^ii»rn lieuarem mi'mbri
acuminatam reilucjii; umhdlii 5-r.-iiLi.ilis; involucri InroJuedltqu p
lato-linearibus :<cutis, marline alio-menilnirrn t di_r hisc*r pedcetlbi lnuo I
petalis aJliis; styJopudiii cuntea Jrpr*tsu (Jvli* en du>T> lonetorfbiu s
rims ditniiliui brtrvklius. ZJ — Caulil (rEjeitahs, (aha S — li-injilic.irta,
Aucheri. — Cr«*eU in Pmtla iuxlrnll.
4. P. CDPCLABX BolsS. I. c. p. *Hi*, — Glabtrrlnum -laucum; ciale *latn
RUjern« naOSTetMAt norit ri^idis IUKILM iVliij
ijuit.itimvc t>:nialli-tiini|M.ifilLi^, divisluuibue luciniique
rlgidia c>Jindricif jjiieeis, iutus neilni^i^ aculi/i, ulitiitic aFhjuando subcomp
brev'bftslmiB; foUft cmHnis ad vaginas tirtves cauLern arete cin^fnt^n
IM'ULS Inn^i: [prduncul.ilis (i — IO-rAlliatit, (ini)n-ljJeg iieu>ts li — HIM, oris; petala
virentiUJt, dnrsn *atsrntie*, aptee «ubnni«r^iij.ij» cum laciituli inOnxa; fracta pedu
linn incrd>satu pau>h lungiire ItDetlidjHjpf**" ,t|>icr fluijadtujjato ; stylopodii
tellari superne co•eivo mru-gme *h,huUU*> fruttui aequiflato albo; *ht>va »tj*
gines aequantib js-, ju^E^tvL! .o>modis mifrjriikibiis, l>tf ralEburn mir-lni incl
ti^uis. 2).——I''li.i i^l — I > [i>]ir.ii i'b, ilJiibi'JluLr ,[iib>r<\ I', *pulijiclutlii*.
in Persia :tnsrrijli in jrfiglanihis .il[i<>iif>ii* moutiurn Kah-DsAu.
5. P. I A1t1\|>f ^1 Ci'Viff mH». hk HiHik, t,uinl, jfiirn, (if but. VI, '2X5, — Hamilo
bruni ^l^ururti: tub^rc nluteiNi) i';iriji.usi^i; fglilf Ui — trit-riiatini dtvflil ,
(jHmlahbiH) lin^irlbui obtuAia, liahi attnujtU^ p«(ioli« hasl menbnDaeM
canlem supfrwitlbu*; urabillie radiig vnldc inaequalibua, involticelJi
C«U| llurilms nlbis j filii^iilms. irmaturis exute uvalia ; calvcis lii-ndltu
—> An jjuil'us *fertfae sfr.c'n's'i* — (Uvsrit ad rujn'ni AulitaiLum in „Tjie
Miiuriliiu?i^ in America s^ilt-ntjtoD.ilU
6. P. TENCISIIIFUM CJeyer mss. tx Ilwk. 1. c. — Hamilo glabrums lub*
fiflii* KracillimiJ' tern:ilim ilivisls, s^mtntia sintpliclbuu ve\ trlidis lint
mis a tu mi n At if; jiefioLta fullit (uii^Jurihui, Ijjuji *ioit^n* mem bran mrfifi; m^
•1, rj.i., ; ; ; , ; , y involunell) pquali •aticali; tarlkva eaptutU tlbUi i'^^*
jinmaturii ^bJongis. 2^ — Herba 8^10-pollicaris. — Iresell simul cum I***"

4468. COITIA DC.

(DC Prodr. IV. 186. — *Wtyr**. B«pttt. *II. 413.)

1. C- V AGIN AT A EJ^wnh. Transact, of lh« Linn. H C. XX. 53. — E*e«t>l
bipinnatia, fullulis hacBPtlto nr^uii: dupHcato-tttrratli; Inrolncettl ''
caijda laciniix auhulataj *tylts* erreclis, demum divariettll; v.dJrfiiNs
naririimtitius «, commissura, ii-viitati*. 2J. ~* C^ulis li^iul^Mis K'riitus,
dalis, folia secus D O T H et raar^ine pub«rula, cueterum glabr*, catiilo*
iictinLta et *fimx* iinniis inifinas luiunbranaceo-ttiiiulata. Umb*llj>
pusilifoliae terminalfsqf pube«centeji; mvr>Jucri Mii>] caiifuea <^t iivii''
slstentib, lifi*!iri lajiceolalji, mn^is miiiuiv< pinnoiAda pube*ct?ntu><

pedicellis involucello bievioiibus, flonbus subradiuis. Calycis laumac
¹ a"- subulatae glibrac. Petala exteiioia iubtoidata, inteiiora Integra, apuulo
 >yllelo s>ubemaiifinata. Stamina petalis longioia, anthem coerulestentibus. St>li
 peilon^i eiccti, dtmum duantati nee reflexi. Fruttus doiso compiessus (junioi a
 liteie), meicaiina 3 ju;a, jugis 3 breuius 2 maigmalibus longius alatis, alten men
 carpio arete adpies&is, ^alletulis doisahbus 1 , marginahbus 2-, commissura 0 vittatis.
 fcemen antice subplaiium, doiso leviter sulcitur. — A *Cuitiae* thaiatteie ditctet
 fornu petalomm. — Crescit in Ilmiala ad alt. ped. 9—11000, m apnus grammosis
² « C. ELATA Edgwith. 1. c. — Erecta. folns bipiunatisectis, foliolis ovato lanceolatis
 pnn itifidis, lobis mciso-senatis maigmatis tiliolatis. mutionitib, imolucelli foholis
 MJlmilitis, calycis lacinus bievibus, valleculis dur&ahbus 2—3 , marginahbus bivittatis,
 comimssuia G vittata. A — Eiecta glabnuuila bi—tupedalis. 1 oha bipinnatisetta.
 Unibellae longe pedunculatae oppositifoliae ternunalesque polygamae multiradiatae.
 Dmbellulae multillorae, involutro nullo vel caduto, uivolucelli foliolis subulatis.
 Lluies S • callus limbus bmvissime acute 5 dentatus, petala lmeari-lanceolata, api
 culo acuminato mllexo adnato, Flores 2 huitus dorso corapres&us, st>hs retlexis
 bievibus cuionatus, meittarpia 5ju^a, dor&ahbu& 3 minu&, maigmalibus ampluü> ala
 t*s, alten meritaipio adpiessis, vulkculu> dor&alibu& bi—tnviltati^, Luiumujt^uiti
 6 vittata. Sei> en compilSbum , autice plauum, dors>o sub valletulit> levitei suit itum.
 — Valde afums *Levistico urguto* Lunll., quod congener videtui. Iiuctus feie *Silint*
 f&at&, ahs adpiessis nee sepaiatis ditTeit et vittis piuiimis. — Crescit in apncib Hi
 nulle giamiuosis, alt. ped. 7000—9000.

4473. PASTIVICA *Toinnef.*

(DC. Prodr. ivfc 188. — Wlpis. Itteit. II. 414. [e\cl. no. 4.] V. 886.)

¹ P. (HfcUACLEUM??) IUGFNS M_Dht. Icon, plant, tab. 1009. et fcpicil Nei^hen. 1.68.
 t. 82. — Laulibus iamulosi& sulcatis pubescentibus v. husutis, folns teinatisectis,
~~divisionibus~~ lotundatis, ba&i subcoidatis^, dentatis, supia magis mmusve scabns, pihs
~~breuibus~~, ntfia dense pubescentibus v.^tomentosis, lateralibus bre>iter, ternunali
 longe petiolulatis, tcimmali obtuse triloba v. tcinjtitsecta, folus involucclloium ovatis,
~~petalis~~ aequahbus, fiuctu ovato, vittis dor&ahbus lineanbus fructu multo bie\ioubus,
 lateralibus geminatis costisque inteimedus approxlmtis, vittis comnssuralibus 4 nis
 Meris inaequalibus, duabus exteiionibus breMoibus. 2). -^ Ciesut in India ouentali

² *P. HOOKERIAINA Wght. 1. c. tab. 1010. — *haactum Hoakenunuuu* Wght. & Air
 Uepert II 41b. no. 14. JL

* P. SPUE^GELIANA Wght. 1. c. tab. 100S. — *Heracleum Sprengelianum* W_nlil. t^
 Arn. — Repel t. H. 413. no. 1.

4477. HERACLUM *Linn.*

(DC. Piodi. IV. 191. — Wlprs. ttepert. II. 415. et 939. V. 889.)

¹ H. (*Spliondylmn*) HIRSUTUM Edgwrth. Transact, of the Linn. ROC. XX. 57. — I o
 his pinnatis bipinnatisve , foholu* semicordatis tn&ettis trilobisve, lobu» ovatis acutis
 inaequalitci uici&o serratis longe petiolatis bieviter vaginatis. A — Ileiba debilis
 lursuta 1—3 pedahs ramosa. Umbellae longe pedunculatae teimmales, involucu
 caduci et involucelh foliolis hneanbus acutis husutib. Flores albi radiati, calycis
 lacunae acutae, petala emaignala vel extenora subbifida, apitulo e fissura orto in
 flexo. Stamina petalis longiora. St>h basi recti, stylopodio brevi conico sensim
 accreti, apice re(le\i. Fiuctub compiessus, ala lata basi praesertim ampliata circum
 datus obovatus, mtncaipu jugi& 3 dor&alibus tenui^imis, 2 marginalibus In alam
 ^xpansis, valleculis umvittatis, commissura bivittata. — Crescit in Hi mala ad alt
 Ped. 0000—7000 in sylvis umbrosfc.

4478. ZOZIIflIA *Hffnu*

(DC. Piodi. IV. 195 — Wlpis. Uepert**II. 41C. V. 891.)

¹ ² « DICHOTOMA Boiss. Diagn. plant, orient, nov. VI. p. G3. + — Tota patule pu
 bes cens dumosa: caulibus interne petiohs exsiccatis ngidis vetustis obtectis teretibus

erectis pinnulis rigidis pauln supra basin dithotome ramosis, ad ilitbotnmiis ~~radice~~ rimis hrevibus ngidis eiecto patulis, folus radicalibus pctiolo longo ngido stricto tereti suffultis, ambitu lanceolatn lmeanbus pinnatipartitis, segmentis bubtrijug^{s re} motissimis subiotundis, in lacunas brevissimas cuneatas obtusas partitis, tauluns » & brevialis, supenorihs ad vaⁱⁿam brevtm apice lobulatam reductis, umbellis termi iahbus 2—4 radiatis, radus rigidis, umbelluhs pauciflons, involucn iiiYolucelli<J^{ue} phyllis 3 —4 liueanbus minutissinus feie obsoletis, pttilis albis velutims, fructib^{'''} vulutims, st[^]hs circmato-iccuivis st[^]lopodio conico bipartito duplo longionbus. » — Affinis *Z. tragoides* Boiss. diflcr^t in>olucn phyllis lationbus membran^{teo} roars¹ natis et petalis glabns ladiantibus — Ciesut in rupibus ad fontem D[^]cheschm^{* Vi} moutis Kuh Daena in Persia australi.

4480 JOHRENIA DC.

(DC. Piodr. IV. 196. — Wlprs Ilepert. II. 416. [excl no. I.] V. 892.)

- 1 .1 (?) SCOPAIU Boiss Diagn plant, onent nov. VI p. 61 — Glabernma pi cens collo radicis fibroso et squamoso, caule tereti stnato elato a basi ramo[^] nudo, ranus stnctis elon[^]atis tenuihus virgatis, folus omnibus radicalibus | brevi canaliculato recuno suffultis, ambitu bievitei lanceolatis pinpntistctis, st tis subsessilibus in lacunas late lineares basi angustatas piofunde parti (is, folu^s luus et rameis in vaginas linean convolutas fuscescentes acutas mutatis, unil teimmalibus 3—4 radus valde uiaequalihus, umbelluhs 4—0 (Ions, involutris » uivolucelli phyllis seticeis inaequalibus pedicillos aequantibus, petalis Jute^s lata lutesciiti percursis, stylis recurvis stylopodio depresso conico longionbus Fructus i[^]notus, piopterea quoad [^]enus dubia, ex habitu *J. Meyen* affinis. — <^ in argillulis aridis alpis Kuh Daena.
- 2 *J. ALPIN\ Fenzl. Atlas zu Ilusseggers Reise lft. 3. tab. 17. — Absqvie descnp^{''}

Tribus XII. DAUCINEAE Koch.

4497. DAUCITS Townef.

(DC. Prodr. IV. 209. — Wlprs. Itepert. II. 419. et 939 V. 899.)

1. D LOPADUSANUS Tineo, Plant ranor. Siciliae pag 38. — Pusillus caule p¹ [^] no subnullo; ramis brevibus di[\]ancatis, inferne petiolisque retrorsum hispid¹⁵ ^{fo} irais bipinnatis, foliolis (nunutissinus) ovatis vel ovato cuneatis, obtuse inciso d¹ ^{ant} tis, setosis scabris ciliolatis, unolucris foliolis pinnat fidis tnfidisve (angustissii^{'''} ^{ant} umbellarum radios subaequantibus, demum reflexis, mvolucellis lmeanbus mucro ^{ant} integeiiimis vel 2 — 3 denfatis, aculeis latitudine fiuctus longionbus, basi dil¹ ^{ant} apice stellulato-glochudiatis 0 — Radix subsimplex gracilis alba, caulis pn¹ ^{ant} semiunguiculans ramosus, rami ¹/_a — f/2 polhcares subfiliformes, stnati luspidual¹ ^{ant} feriores decumbt>ntet>, folia ladicaha bipmnata, foliolis ovatis, obtuse muso del¹ ^{ant} media pinnata, foliolis pinnatifidis> lacinus obovatis integns, supreme pin¹ ^{ant} UJCIHHS (minutissimis) abbreviatis, cuneato bi—ndentatis, vel magis minusve ^{ant} lanceolatis, mtegeriimis, foliola omnia setosa scabra ciliolata pallide ^{ant} retroisum hisptdi, basi va¹ ^{ant} cares, superue scabnusculi, umbellae (minimae) ²—2 uns>uiculaies solitar¹ ^{ant} cuadiatae, in anthesi patentes, sed minus in fiuttu, in>olucrum univers¹ ^{ant} taphvllum, umhellae subaequale, foliolis pinnatifldis tnfidisve angustissimi¹ ^{ant} nato anstatis, dtmum reflexis, ridu bre<<< inacqtles stnati scabnustuli ^{ant} sati, flosculus abortivus ceutialis nullus, In¹ ^{ant} maiqine anguste membranactis tiliatis mtegerrimis, raro 2 — 3 di.ntatis, ^{ant} gna<: (non radiatae) siccae lutescutes, diachemuin ovoideum lundum, ^{ant} tudinem fiuctus paulo superantibus argeiiteis, basi dilatatis subcoalitis p¹ ^{ant} apice glochide stellulata U lmuaiatis. — Planta 3-4 pollicans. A *D. Stcuio* ^{ant} si in us — Crescit in andis mtntimis Siciliae

Sulxmlo It. : *C. IMVYM JOSP HRJZEAK* DC.

Tribus XIV. CAUCALINEAE Koch.

4501. **CAUCALIS** Linn.

(DC. Prodr. IV. 210. — Wlprs. Repert. II. 420.)

*• *C DAUCOIDES Linn. — DC. I. c.

p. *Iberica* Fisch. Mey. & Lalle. Index semiii. hort. Petrop. XI. p. 53. — Jugis primariis alatis, ala angusta sinuata, setis numerosioribus subfasciculatis, aculeis jugorum secundariurum subdenis. 0 — In platita Europaea juga primaria apt era, setis raris distaiitibus instructa et juga secundaria aculeis subquiiiis armata sunt. — Crescit in Iberia.

4501/j. **PSAHMOGETON** Edgrwrth.

(Edgrwrth. in Transact, of the Linn. soc. XX. 57.)

Calycis liibus obsoletus. Petala obcordata, lacinula ex fissura orta inflexa. Stylis e basi conica subrecti. Fructis teres, mericarpiis jugis 5 primariis uifarmibus, setas glochidiatas gerentibus, secundariis simpliciterie setosis, valleculis sub jugis secundariis univittatis, commissura bipartita plana. Semen albumine leviter excavato. Carpophorum bipartitum liberum. — Genus, si vere *Caucalineis* adferendum, *Turgeniae* et *Toriti* affine, calycis limbo obsoleto jngisque secundariis simpliciter setosaleatis distiiictmn. An jugis secundariis veris nullis ad *Smyrmeas* re«canduin? involucri foliis membranaceis *Hymenolaenae* affine.

*• **S. IJTEHNATUM Edgrwrth. I. cit. — Aiiuum pubescens: ramis stellatim decumbentibus; foliis biternatisectis, lobis basi cuneatis tvidentatis, dentibus acutis mucroatis, supra glabris, subtus pilis patentibus pubescentibus; umbellis oppositifollis lunge pedunculatis 6—10-ridiatis, pedicellis subglabris; involucrio triplici, fuliolis liiearibus acutis membranaceo-marginatis, apiceni versus breviter ciliatia, involucelli liolis lanceolatis acuminatis ciliatis membranaceis, nervo medio herbaceo; petalis exterioribus majoribus bifidis, junioribus purpurascutibus, stamlnibus filiformibus iis loigioribus. — Crescit in arenosis Indiae pruv. bor. ocu. .

4503. **TOIULIS** Adcms.

(DC. Prodr. IV. 218. — Wlprs. Repert. II. 421. V. 903.)

***T. TRICHOSIEKMA Spr. — DC. I. c. 220. no. 13. — Visiani, Flora Datauft. II.

Tribus XV. SCANDICINEAE Koch.

4505. **AXTIIRISCWS** Hffm.

(DC. Frodr. IV. 222. — Wlprs. Repert. •II. 422. V. 004.)

• \ SICULA DC. I. c. 223. no. 2. — Visiani, Flora Dal mat. II. tab. 27.

4508. OnEOraYRIIUS EndU

(*Caldasia* Lag. — DC. Prodr. IV. 229. — Wlprs, Repert. *». 422.)

• U. ANDICOLA Endlich. mss. in Hook. fil. Antarct. voy. of Terror and Erebus 288. t. 10L — *CiUdasia* {*MyrrhU* U. B. Kth.) *andkola* Lagasca in DC. Mem. Umbellif. I¹. 5. tab. 2. — Prodr. IV. 229. — *Azorella daucooides* d'Urville. — DC. Prodr. IV. ⁷< — *Calda&ia duueoides* Hook. fil. mss. (in tabula).

²ⁱ 0. SESSILIFLORA Hook. fil. Lond. journ. of bot. VI. 471. — Laxe pilosa: foliis ¹»«liiis, piunis ovatis—oblongis pinnatifidis pilosis glabrativse, segmentis liiearibus ¹»Ccolatiive acuminatis Integris lobatisve; scapis simplicibus monocophalis vel sub-¹»«>posito-umbellatis iuvulucris foliolis Uncañ oblongis, basi coalitis; flotibus ¹»«¹»

... fructibus brevissimis pedicellatis basi elongatis glabris. — In fructu
 elongatum subnullum factis a compressibus dialysatis. — Crescit in V. a. D. in
 Lond in vasis circumstantibus Ben Lomond et Western Mountains.
 4. O. CHEATA Hook. & G. — Glabrescens: foliis linearibus pinnatis, pinnis angu-
 libus multijugis ovatis basi ovatis hastatis pinnatis, segmentis **utti***, obtuse
 glabris, marginibus ciliatis; scapo superne pilosa pilis retrocurvis, umbella simplex
 involucris foliatis parvis ovatis subacutis ciliatis, pedicellis elongatis pilosis; fructi-
 bus ovato cordatis glaberrimis. — A compressibus Tasmaniae differt foliis
 nervosis, pinnis multijugis, marginibus pinnularum haud utriusque foliorum ciliatis.
 — Crescit in Van Diemens Land ad Arthur Lake.

4315. OSMORHIZA Raf.

(DC. Prodr. IV. 22. — Weyer. Report. II. 421.)

i, HI. run.f**ft •**.. * um- — ivrii (L. c. no. 2) — «j.«k. u, ,t***tv
 Terr. r anil Ell ..i M. — O. *Iktirii* IH ^ri4f. IT. 12i. — Jk*a&' *tiirn/m* I
 & So' *Schalia Chilensis* Salis, Coll. 121.

Tribus XVI. MM / (VK.tK hock

4325. DIPLOLOPHIUM Turczan.

(Turczan. Bull. de Moscou XX. 122.)

Calyculis lobis obsolete. Kracuu •ction* trallit«rsali subteres.
 Mericarpia jugis duplicatis ep... ab epicarpio et
 a nuclea solubilibus subtrigon... ab epicarpio et
rioribw nuelao impositis obtusis evittatis. Vallerulae calyvitatae, vitti
 cra.<ifi. ContmiHira utri... rarius trivittata, vitti
 crassis, interior... **buDMribtUL 6tyla|ioJloni tonium, SlyJJ**
 ni
 gibtri*jii(tsi: va^inis ijitldli^, iufi rn.riiu* tempi tt flurtJuJi •marcidis aply-
 palmarum decompositis.
 acuminatis
 bellulac lony|tot i ; ifiJi^ (.nVl.elli) frUUuqOu J ubescentibus.
 I. 'D. U|;ii\ M « 1... [* - *Qdkryt Abgulitl** JI.tibetati. ma.
 ... in Arctique prope Schlegel.

4332. f VCTIMKLILH JB, Meyer.

I. *Ktjt* li-ii-v hirtii It^gjM^irin^ aanl IH-U. ailu,i

Calyculis margo **tamidutei «ibiiw*tafc.** Pituta ovata, acuminae inflexa
 Siyli **ajndguJ**, serice reflexi atque decidui. Stylopodia pulvinata. Fructu
 oLlonLttii ;i dor... Mericarpia obovata, jugis
 termedits dorsali approximatis, !ii<!r,iiHnii, emit nmginti troim •
 latatae confluentibus omnibus subulatis, iiu (.iipiHnf.t>trenulatis, viti
 phorum ,niiitum. Semen intur p-

sttai, dorxo oottTwimiOTiluaUt
 I, A. < CntBASCskB K. 1lrj<rl. ck — Radix annua elongata, parum ramosa, Cauli
 saepe abortiva terminatur. Rami pa-
 cipes ••P'ui* ijiiiKjii. •• H>LS.Lin ' roiiK<Nti, radiatum divaricatis teraque appressis
 rigidi *ulc.Q*i. Jit! I'irr4 mh^riiH aUU. riiDulnhi j-t klt U.'J. planta elerata
 Fotla tii)uuiMijw!i. In liiini JIAii^nt<ut pun.m ftltu [1114m longis, vaginis brevibus
 appressis, petiolis teretibus sulcatis. Umbellae terminales et oppositifoliae, breviter
 pedunculatae subquinqneradiatae, radiis ascenduntibus, umbellulae 3-11-floae, basi
 lora et involucella brevissima persistente oligophylla, Flores minuti albi recedunt
 alii masculi, alii ilique plurimi hermaphroditi. Antherae brunneae. — Crescit in Arctico
 australiore.

4541. **6MYRXIOI** Linn.

(DC. Prodr. IV. 217. — Wlprs. Repert. II. 426)

CoftDIFOLIINI Koiss. Du., n. plant. onerit. nov. VI. p. 64. f — Glibium caule
 cito teieti lamoso, fulus raditulibus amphs uicumsciptloic rotuiulatis tuternati
 fectis, segmentis brevitei petiohtis oiatis obtusis am pi is, late ct obtusissime crtnatis,
 lateralibus basi obliquis, teimih bisi subcuneito, folns lauluus ct rameis su&silibus
 basi late coitlato aunculatis niter se libens indivisis, iifenoiibus oblongo lanceolatis
 t-nuUtis, supenonbus ovato lotundis inte^Lrnmis, umbellis ttrminalibus lj—20-
 louj, umbellisque nudis, petalis virescentibus, stjlis eiectis flexuosis, st>lopndio
 (Kpie*so duplo longionbus 7. — Affine *Sm. rotundifolio* et *pgrfoliato*, » quibi*h
 •litTeit folus caulinis opposite mci se libens, basi lite toiditis, lobis rotuiulatis. —
 (Lusat in faubus saxosis umbrosis montium prope Ptisopohn Persiae australis

Subordo in. **COMXtOSVMnmma^m** DC.

Tribus XVII. **CORIANDEAE** Koch.

4548/19 ^CAPHtSPEHHUITI *EdgrvUh.*

(Edgwrth. Transaction of the Linn. soc. XX. 5S.)

Calycis margo 5-dentatus, lariniis subulatis caducis. P eta fa obovata
 integra apiculo iuflexo. Stylopodium tumidum depressum. Styli longi
 reflexi. Kructus subglobosus, mericarpia 5-juga, jugis filiformibus aequa
 libm>si valleculis univittatis, commissura 3—4-vittata, carpophorum libe-
 rum uipartitum. Semen antice longitudmaliter concavum, dor&o leviter
 (Sui) valleculis sulcatum. — Herba perennis Himalayensis.

1. C. TRILOIJUM Edgwrth 1. tit. — Ilcil>a 1—2 pedalis perennis caules bieves
 erecti ramosi, ramis pubetults. Iolia paiva tnloba vel tematisecta, utunque pu
 eScientia, foliolis basi cordatis subrotundis tnloins, gros&e dentatis, dentibus bie
 Vter mucronatis. Pedunculi longisstnn oppos\tifolu tt teimmales, pubtruli, umbelU
 ^—7-radiata. Involucn foliola subulata lur&ut i caduci, uiAolucelli toufuiimu pei
 Sistentia. Umbtllulae multifloiac, flore uno sei&ili Cihtis lnrstuti humie suliatie
 Caudae. Petala extus ullosa. 1 ructus hirsuto-pubesttns Commissura vittit^ 2 di
 6tinctissimis majonbus margmalibus, 2 cetiti tlibus tenatunbus liittrduni e\ an id is,
 *^ Crescit in glareosis Himalae alt. ped. 10—11000, prope Nltu ^

Ordo CY. **ARALIACEAE** Juss.

(DC. Prodr. IV. 231 et 070 — Wlps. Repeit bot. syst. II. 420. ct 939. V. *24)

4550. **PANAX** Linn.

(DC. Prodr. IV. 252. — Wlprs. Repert. II. 429. et 939 V. 924)

P. GUNNII Hook. fil. Lond. journ of bot. VI. 466. — Frutitulosum caule, ramis,
 Petiohs pedunculisque stu^oso birtis, foliolis 3—5, rauus solitarus, junioubus si
 nato pmnatifidis, semoubus grosse seiratis, tosta strigosa vel ghbrata, peduntulis
 Petuolo aequilongis, umbella multiradiata, stylis duobus. t) — Truticulus erects
 ^—3 pedalts caule basi simplici hgroso glabrato, crassitie pennae anatinae, superiic
 Janioso, bispido stngoso, setis rufij, appiessis. Petioli graciles 1% — ! unc. longi.
 •oliola 1—2 unalia luieaiia, linean lanceolata,, obovato lanteolata >el laiius o\ata,
 late raliil multoties niuioia, semoia grosse senata, juinora profundius nunt ad costam
 mbulos rotundatoi secta, siccitate lunde Miidui. Peduntuh solitaru Peditclh

graciles. 3 Un. loii^1, Jtnrruic gUh<rtJni. — Creteft in Van Oj. ...
prtcln A McQuarrie Harbour.

✧ Iron addenda.

1*. SIMPLEX Fmr. - (DC I. K. m Mē %,) - Hi>nbr. ft Jacquotgt, Vnf. »u IM |
(Bot, yfwu, Jli-ut.J ij,L. 3ft. (Isj. II.

*ii>M. Alt1LIA itbuu

lii... PTOdr. IV. -UT. _ W|hr>. BtfWt M. M4, rt 93». V. fl>J

I. t, INNATIIJU Juu_n'h. * Vrli^p, Ann. M ; nnr, <L Srf.I V|, jjj. A ___ Cade
borea excelsu inerul; petiole incrassatis vaguantibus; folia simplicibus oblongo
pinnatifido-incisis glabris; paniculis elongatis, ramulis extremis subcapitulata, J
L'twielt In rr^lmi> Battarum.

a; A. CAPJI ri1r % Jough. & Vriess. I e t *, * — FMO.

fiora producta instructa, simplicibus elliptico-ovata acuminata, basi inaequaliter
floribus axillaribus in capitula pedunculata disposita; pedunculis
libus, solitaria vel gemina. J — ATWOT • 11-li>i r«BM I m w n , /L*
dixa, alla horizontalia, erecto-stans, petioli basi
obovato elliptici, spica elongato-attenuata, stringit
longi; capitula horalia minutissima, densa et V^L^ - I«Mi. hL
tamen Arabiarum in hac planta alio characteristicum est, ad 40 gran
videatur esse dubium. — OACM In regione Battarum prope Taling ad 2—

I. A. IAt V<< t 11 I Z*U_ & Marital, System. Verzeichn. der ex. II. Zell |,JT

gesammelten Pflanzen p. 41. — Arborea; folia ovato-oblonga, lobata elliptica
oblonga grosse serrata acuminata, II , basi retundata vel in petiolum attenuata glabra
paniculis 2-3-lobatis; floribus pentameris M*», m. . . i -xi-r.
calycis 5-lobato; petalis lateo-albidis
staminibus 5; stylis simplicibus, J — Arbor 2-pedalis, coma rotundata. — Creta
in montosis provinciis Praeger prope Lebong, nec non in monte Paugeranga
ad altitudinem 4- •*mf* - B-JklMHk Jiife.

456. HEDERA Linn.

(DC, Presb. IV. 22. ri fit. — Wight. Report. II. 41. V. 93.)

I. II. n '': EXATA Wight. Icon. plant. tab. 1812. — Arborea glabra; folia impariter
ulIn null' i urt. APWII ovali-oblonga acuminata breviter pedunculata, ovata acumi
rois elongata; pedunculis basi bracteolis minutis subulatis involucratiss; floribus
merisaxillis breviter pedunculatis in umbellulis subcapitatae collectis, bracteolis
caduca ad exsertumque pedicelli basis; olje* quinquefolio; petalis pentameris; stylis
A «plce tiucru. i"-ii" nn
rutttt. I tf — CrowA U India orientali in montibus Nilagiriis.

J. FT. OBOVATA W<ht. L C, tab, tft 5*fl*-«T.L^ U*v^

foliis circiter quinque petiolulatae ovato-oblongae, basi
fimbriatae, nervis numerosis venis apice ramorum
gregatis ebracteatis, umbellis numerosis, in quibus pedunculis
pedicellatis; petalis, staminibus quinque et stylis
ria 6-loculari. J -- Ctaull in lintii trkinulla J*h*w*&*ii

IOSA Wght. I L c. r. Ufa. MM. illik U- JUt-r-
fn.Jtoli* ctcl(<r **plf!<ts ex oblongo lanceolatis acuminatis, margine undulato elongato
paniculatae perumque UteriUihM <x ^s><>>>^ I

ovando), ramis racemosis; floribus pedicellatis, (..die. UU »41'>w»^{bl} I
subulata instructa; petalis staminibusque quinque; stylis quibus
distinctis obtusis;

4561. PARITROPIA DC.

(DC. Prodr. IV. 265. — Wlprs. Repert. II. 433.)

1. p. (HEDERA) ROSTRATA Wght. Icon, plant, tab. 1013/4. — Arborea glabra: foliis digitalis, foliolis quinque novenisve longiuscule petiolulatis ovato-lanceolatis acuminatis serratis; thorsis solitariis terminalibus, primuni bracteis plurimis vaginatis cuspidatis (foliis abortivis) involucrantis; pedunculis lateralibus bracteatis 1—3-nis umbellatis; floribus numero&is pedicellatis; petalis quinque; staminibus stylisque quinque exsertis, in rostrum cohaerentibus persistentibus ovario fructuque quinqueloculis. — Crescit in India orientali (Neilgherries).

Ordo CVn. CORNEAE DC.

(DC. Prodr. IV. 271. et 670. — Wlprs. Repert. bot. syst. II. 435. V. 932.)

4573/i. ailimiALA Sieb. & Zuccar.

(Siebold & Zuccarini, Abbandl. der math.-physik. Classe der Baiersch. Akad. XIX. ex Flora [S. Z.] XXIX. pag. 430.)

Flores dioici. Calyx ovario adnatus, tubus cylindricus octo-striatus limbi lacinae quatuor aequales vel inaequales, basi attenuatae et reticulatae, lanceolatae acutae foliaceae reticulatim venoso-nervosae, demum in fructu persistentes et alarum in modum elongatae. Corolla supra tetrapetala, petala cum calyce alternantia deltoidea brevia firma, primuni patentia, demum in fructu persistentia inflexa. Stamina in ovario foemineo rudimentum nullum. Discus ovarii verticem tegens carnosus, breviter quadrilobus, lobis calycis foliolis oppositis. Ovarium uniloculare, ovulo unico e vertice pendulo. Stylus primus brevissimus, &mate ramoso, oblique peltato umbonato, in fructu excrescens, stigmatate irregulariter quadrilobo, lobis reflexis. Dacca infera, calyce coronata, sicca globosa monosperma. Semen pendulum, testa cum pericarpio connata. Albumen crassum aequabile. Embryo orthotropus rectus, longitudine fere seminis, radice brevi conica, cotyledonibus linearibus plane sibi incumbentibus. — Japonica.

1. #QU. Sieb. & Zucc. 1. c. — Liber a me non visus.

4574. CORNUS Tournef.

(DC. Prodr. IV. 271. et 670. [ex p.] — Wlprs. Repert. II. 435. V. 932.)

* C. STRICTA Zollinger, Flora (B. Z.) XXX. 603. — Foliis integerrimis; racemulis simplicibus strictis erectis, rhachi incrassata; caule arboreo. — *Ptylosma integrifolium* Bl. — Crescit in insula Java in montosis Pulosabari prov. Bantam ad solfatarae margines.

2. * C. ILICIFOLIA Zollinger 1. c. adn. — *Ptylosma ilicifolium* Bl. — DC. Prodr. IV. 275. rto. 1.

3. * C. SERRULATA Zollinger 1. c. adn. — *Ptylosma serrulatum* Bl. — DC. 1. c. 27. no. 2.

4. * C. CAUDATA Zollinger 1. c. adn. — *Ptylosma integrifolium* Bl. — DC. 1. c. no. 3.

4574/j. COROKIA A. Cwvi.

* Cunn. Ann. of nat. hist. III. 429. — Endl. Gener. plant, p. 1103. no. 5751. — Hook. & Grev. plant, t. 424. — Ad *Corneas* potius quam ad *Khamneas* pertinere videtur cl. (Illoolio.)

* C. COTONEASTER Raoul, Choix de plantes de la Nouvelle Zelande p. 22. — Foliis subulatis, subtus niveis; floribus solitariis; ovario uni-biovulato; drupis mono-ili-

Arborea metralia habita *Columbina alpina*. Ramis divaricatis ter-
 minis, corlice ***ipt9>*<mtt** dimisso vestiti, auranti pube **iWv<** laevi. Folia decidua
 2—4 fasciculata opposita, ovata emargi-
 nata vel interdum apiculata integerrima, margine anguste revoluta, inferne contracte
 attenuata, dein **•n** peltatam brevem demissa subpeltata, nervis medio supra im-
 presso **•** infra prominenti **••uU**nU. n** nervis glabra vixilla, secundo et
 3 olivacea, subtus incano-aurata costata. Petali breviter 1 millim
 longi incurvi, **ntpra** sulcati. Stipulae minime parvae deciduae. Flores 2—3 e lobis
 rum **ciKiir-rii!** **tjtrvnl** «ni JtiiUuret foiiifthlti (MJM-<U) flutibus breviter subrotatis
 inferne **il** artet **U'I**: bracteolae ovatae contractae, subtus incanae. Calyx superus tri-
 lobi-terminatus quinquefidatus, denticulis aestivatione valentis, dein patentibus
MtiulU jirrr<i>it>it<iliu*. **I'rtaiJ 3 oMMGa**
 longiora, extrorsum subrotata incurva, introrsum ad basin squamula contracta
 vix glabra lutea. Stamina quinque denticulis calycis
 subaequilonga, antheris **••^••*** i curvatas bilobulatas [U<HJM * id ••!••] antheribus lat-
 gistratum delatocentibus. Discus epigynus carnosus glaber **iulf^r/.** **J^tj Juki r** lobis
 cent glaber, stipitate obtrata biloba contracta. **O> >iinn** inferum turbinatum bil-
 obulato, locale subovalato, orbe anastypo **!** apice pendulo compresso
Fructus drupaceus ruber, calycis petalisque persistentibus circum **••cid,** ••oblongum
 corpius aberte uniloculari, locale aberte **lloxy** vix conspicua; putamina laevi
 Semea oblonga **m te*U Ma>**, **alfrMMifi rmm-j>*n.** 1 mlyo linearis [/(cum albanis
 longi [**jilirmi piflrjn** •<<<<•<<<], cotyledonibus linearibus contrariis inaequalibus, rad-
 icula oblonga acul:U>t llm — Crfrtll! **ft N, vj / (cJ&i i i a,** **HIM Us JW** rttmas.

Ordo CVIII. LORANTHACEAE UnJK

(DC. Prodr. IV. 277, et 670. — Wight. Report. bot. syst. II. 426, et 508. V. 303.)

4581. MITOBENDRON *Bata, & Soland.*

(*Mitobendron Bata, & Soland. nov. ex Hook. Antares. voy. of Terra et Eschsch. 260, 271 et Ann. bot. botan. [in Ser.] V. 'IB. << UV- i 6. 7. 8. — Mitobendron DC. Prodr. IV. 277. — Wight. Report. II. 426.)*

Dilectum. I fore* parri 4<<<nt4c<i <^kati >>cl racemosi. Fl. rac.
 Perianthium **irridicelli** circa glandulam de-
|irrrini** dis| o toll **tn\thrn* arotiitM* noilocular** res vel septa incompleta
 spr **Fl. locm.:** Calycis lobes
 Ostiole KdJiMTeo*. CwolU wdU. O<<<rtum trig—m, angulis longitudi-
 naliu-r **k3hiue!U*ri#** **rimit Juln* nttm MU >> « pturi** nas foratibus, ner-
 (ocul>W triut'ubiwni, due*u>g*tu te conspicuo coronatum; stylus brevis
 tmuaus, in **rMbU» 3 bmc* i>liu#<Hi,** »pfer (uptJla>>« f **8**
 ox ftpiea [tolnwue tibenur co*tr>K>] **lahpaiwria 4 TnaJcalB-** brevissimus
 Fructus jut^mcmmbfxirtw, ceti* 3 **fdUMg*ti** soctA<, r<<riu> na*
 ijHJTOBt. tiii i, 1 **ij>tJ<** rolumo>>« **fvietlBda ttveuU nppm<4<** pendulatus
 lofitii Jitfla?; **lbanrn tvbrnnonum** l<rf< vel sul a. mi; **iii>** bryo his-
 proxitrAT mutnbratii twitd **uuluiusi Hilctil* rapnra,** in dJ#ewn dilatata
 re! **cupftnLa CBerta;** rf*uJ*(iJi>ii<* purvac wo&nninfaatae, tut>
 ftunitifijn dipbyltn fenattt*—H^rbiie **v<J |iutjw* KufiVutit'esii** aretic
 ut Cliilen.^cjj **pJtrifJUL* Diore / isorum** in r-iftii-geaeri* **A'<' \>** irasitit
Ran ii t<*>recte< altnni arUruf.iti. <ii nudon **VafiJOAtL Fiona** minimi, **Fructus**
 e maxima copla (IJuruin pJumosornoi cou->pitui.

Subgenus I. GYMNOPIHYTON. Aphyllum, bractee squamaeformcs, flores masculi in axillis bractearum solitarii, foeminei bini, stamina 2.

1. M. PCJNCTULATCJM Bnks. & Soland. mss. ex Hook. fil. Antarct. voy. of Terror and Erebus 289. f t. 102. 104. 106. — Aphyllum: ramls teretibus punctls promlnulis, apice depressis obsitis; floribus masculis In amenta dispositis. ^ — *Itlisodendrum* DC. Coll. Mém. VI. t. 11. 12. Prodr. IV. 286. — *Viscum flavescens* Commers. mss. — Crescit in Tierra del Fucgo et Chili meridional! parasitica in variis Fagi speciebus.

Subgenus II. EUMITODENDRON. Rami foliosi, bractee nullae, flores racemosi v. secus ramos solitarii, bini quaternive, stamina tria.

2. M. BRACHYSTACHYUM DC. Coll. Mém. VI. t. 12. fig. I. — Prodr. IV. 286. — Hook. fil. 1. c. 297.-J— Ramis teretibus laevibus, ramulls griseo-puberulis; foinis anguste oblongis Ineari-oblongisve subenerviis j floribus in racemos axillares, basi folio suffultis dispositis, masculis triandris, setis plumosis pericarpio sextuplo longioribus. \) *M. planifolium* Bnks. & Soland. mss. — Crescit in Chili australi et in Tierra del Fuego.
3. *M. OBLONCIFOLIUM DC. 1. c. — Repert. II. 436. no. 3. — Deless. Icon. pi. select. HI. 74. t. 80.
4. *M. QUADRIFLORUM DC. 1. 1. c. c. t. 12. fig. 1. et p. 286. — Hook. fil. 1. c. 301. t. 1073. fig. 6. et. 7.

4583. **ARCEUTHOWIWI** M. Bieb.

(Wlprs. Repert. II. 437.)

- 11 *A. OXYCEDRI M. Bieb. — Wlprs. 1. c. no. 1. — Reinaud de Fonvert, Ann. sc. »atur. (3. Ser.) VI. 129. f

4584. **TISCIJ3W** Tournef.

(DC. Prodr. IV. 274. et 670. — Wlprs. Repert. II. 437. V. 936.)

- V. MONTANUM Zoll. & Moritzi, System. Verzeichn. der von H. Zollinger auf Java Besammelten Pflanzen p. 39. — Ramis teretibus glabris; foinis oppositis petiolatis giabris, subtus subnervosis, utrinque acutiusculis (2% I.); floribus axillaribus fasciculatis albidis, fasciculis sessilibus. t) — Crescit supra arbores parasiticum in monte ^alak inter 4—5590' alt. in insula Java.

- v. GALAPAGEIUM Hook. fil. in Transact. of the Linn. soc. XX. p. 216. — Foliosum: *aniis teretibus lignosis dichotome divisis; foinis breviter petiolatis, late obovatis, ^aPtce rotundatis, valde coriaceis aveniis; spicis axillaribus solitariis vel ad apices ^mulorum ternis articulatis cylindraceis; floribus subhexastichis j ovariiis semiim ^er&is. i) — Crescit in Chatam Island.

- 3 * v. HENSLOVII Hook. fil. 1. c. — Foliosum: ramls dichotomis teretibus; foinis breviter petiolatis oblique ovato-lanceolatis subacutis, basi subattenuatis quinquenerviis °pacis; spiels 6—8-articulatis folio % brevioribus, axillaribus geminis, terminalibus ^ernis, vaginulis bifidis acutis; floribus hexastichis. \) — Crescit in Charles Island.,

- 4* V. ORBICULATUM Wght. Icon, plant, tab. 1016. et Spicil. Neilgherr. I. 72. tab. 86. Alonoicum: ramis tetragonis angulatis j foinis oppositis orbicularibus, margine undulatis 3—5-nerviis; floribus sessilibus axillaribus aggregatis, masculis foemineisque mixtis i aiitheris in calycis laciniis sessilibus planis e cellulis par vis numerosissimis compositis; baccis ovali-oblongis utrinque obtusis. \) — Crescit in India orientali parasitica in *Agapete arborea*.

f **Icones addendae.**

- v. MONILIFORME Blume. - (DC. Prodr. IV. 284. no. 59.) — Wght. Icon. pi. tab. 1018. «t Spicil. Neilgherr. I. 72. tab. 87. — var. *coralliforme* Wght. Icon, plant, tab. 1019.
- v. RAMOSISSIMUM Wall. — (Repert. II. 437. no. 6.) — Wght. Icon, plant, tab. 1017.

4584/1a **EUBRACHION** Hook. fil.

(Hook. fil. Antarct. voy. of Terror and Erebus 291. adn.)

Inflorescentia amentacea. Amenta hermaphrodita, flores compressi, maiuhii segmento dorsali minore. Fl. raasc: Stamina 3, segmentis

parianthi **•fpftttftt, ffUwmrtii b»ri««c»^T**is, antheris compressis latia hi
 localizibus. Pl. ex. **miu compressioni, discu epigyno la-**
 thasculo, stylo brevissimo. **Mi^niMo •tnt|i(icu fruct** ur«t»|** lobatus
 compressus **itu-i)', Mimc4u-}no titcano aiqirn locutuin**, posito, «Hdo< ar-
 pro subcrustaceo superii •y r t t t, rilibyone tereti, cotyledonibus albu-
 minis late disciformi immixtis

1. *E. ARNOUVE Hook. fil. l. c. — Flores multigenae Hook. & Arn. — (Repert. II. 138.
 no. 12.) — Crescit in Uganda.

452. LEPIDOCERIS Hook. fil.

(Hook. fil. Austral. voy. of Terra rat wit l n 1841 p. 251. tab. 444.)

1. L. KINGII Hook. fil. Austral. voy. of Terra rat wit l n 1841 p. 251. tab. 444. — Ramis cum
 lignis virentibus hirsuto-pubescentibus; foliis breviter petiolatis ellipticis, utrinque acutis
 nervis pedicellatis triplicibus. — Crescit in Chile.

2. L. DOMBAYI Hook. fil. l. c. — Ramulis ramisque divaricatis horizontaliter per
 teretibus pubescentibus. — Crescit in Chile.

^ — CrwM M >

453. LORANTHUS Linn.

(DC. Prodr. IV. 266. et 67. — Repert. II. 138. et 140. V. 1823)

1. L. FLAVUS fclprriL !»««. ant. '< th« l.'u. var. XX. 28. — Tetrameris, junctis
 lobis (6
 ac. dimidiis glabris; ramis brevibus hirsutis; foliis pedice-
 lis ovatis, nervis 2-2 cellularibus 2-10 nervis latis; rachibus longiusculis pedicel-
 latis, nervis tubo nervi lacialis plus triplo longioribus, nervis vix angustioribus. —
 Ramis virentibus glabris hirsutis, junctis tetragono-lanceolatis. Folia opposita venosa
 basi cuneata vel emarginata, apice obtusa vel acuta, junctis tetragono-lanceolatis
 nervis pedicellatis tubis glabris. Pedicelli divaricati basi longiusculi glabris
 subrectis. Rachis adpressis tubulosis, vix triplo brevioribus pedicellatis
 Calycis lobes brevissimus subnullus truncatus. Corolla extra puberula tetrameris
 lobis tubulosa lacerta, vix regularis, lobis medio paulo longioribus, postica brevioribus
 medio inflexa, lacina lacertae reflexa plus triplo longioribus (2 lobis longis
 inflexa glabra, lobis exterioribus p. — Nervis apice — DC. 1380
 glabra brevis, nervis tetrameris vix regularis, tubis vix regularibus. Stigma
 lacertae. —

2. L. INDIANUS (Kuntze) Kuntze l. c. 39. — Globosus ramis verrucosis, foliis suboppositis
 pedicellatis ovatis, nervis lacertalis axillaribus multifloris vix regularibus, pedicellis
 vix regularibus; corollae tubo lacertae, lacina reflexa plus duplo longioribus; lacina
 medio breviter libera glabra; corollae lobis lacertalis ad faucem tantum apertis
 vix. — Calycis lobes lacertae liber, 2/5 lac. longis truncatis. Corolla irregularis
 lacertae 2 lobis ad faucem longitudinalibus, postica lacertalis paulo brevioribus
 tubo extra glabra lacertae lacina reflexa plus duplo (vix triplo) longioribus (2 lobis
 longis, lobis ad faucem tantum liberis lacertalis squamulis verrucosis. Filamentis
 liberis lacertae lacertae glabra (antheris brevioribus), antheris lacertalis
 Stylis lacertae superius vix regularibus. Stigma lacertalis lacertae
 lacertae prope lacertae, in lacertalis vix.

3. L. LINEATUS Engelm. l. c. — Globosus ramis verrucosis, foliis suboppositis
 pedicellatis ovatis, nervis lacertalis axillaribus multifloris vix regularibus, pedicellis
 vix regularibus; corollae tubo lacertae, lacina reflexa plus duplo longioribus; lacina
 medio breviter libera glabra; corollae lobis lacertalis ad faucem tantum apertis
 vix. — Calycis lobes lacertae liber, 2/5 lac. longis truncatis. Corolla irregularis
 lacertae 2 lobis ad faucem longitudinalibus, postica lacertalis paulo brevioribus
 tubo extra glabra lacertae lacina reflexa plus duplo (vix triplo) longioribus (2 lobis
 longis, lobis ad faucem tantum liberis lacertalis squamulis verrucosis. Filamentis
 liberis lacertae lacertae glabra (antheris brevioribus), antheris lacertalis
 Stylis lacertae superius vix regularibus. Stigma lacertalis lacertae
 lacertae prope lacertae, in lacertalis vix.

4. L. LINEATUS Engelm. l. c. — Globosus ramis verrucosis, foliis suboppositis
 pedicellatis ovatis, nervis lacertalis axillaribus multifloris vix regularibus, pedicellis
 vix regularibus; corollae tubo lacertae, lacina reflexa plus duplo longioribus; lacina
 medio breviter libera glabra; corollae lobis lacertalis ad faucem tantum apertis
 vix. — Calycis lobes lacertae liber, 2/5 lac. longis truncatis. Corolla irregularis
 lacertae 2 lobis ad faucem longitudinalibus, postica lacertalis paulo brevioribus
 tubo extra glabra lacertae lacina reflexa plus duplo (vix triplo) longioribus (2 lobis
 longis, lobis ad faucem tantum liberis lacertalis squamulis verrucosis. Filamentis
 liberis lacertae lacertae glabra (antheris brevioribus), antheris lacertalis
 Stylis lacertae superius vix regularibus. Stigma lacertalis lacertae
 lacertae prope lacertae, in lacertalis vix.

- ⁴ L UETUSUS W Jack in *^ICITliuds Calcutta j* (lust IV 34) — i , oppositis obovato oblongis retusis venniatis, racemis subsolitibus, corolla limbo tubo Uavato brevior — Folia breviter petiolata intermedia conacis nervis indistinctis, cuciter tripollicaria, rami inflorescentiae ex axillis foliorum pinnarum breviter pedunculati, pedicelli ad basin 1—2bracteati, calyx mirgo in teocr, corollae ellipticae tubus antheratus roseus in hinc 5 — b pteritum subito contractus, segmentis angustis lanceolatis reflexis tubo brevioribus Stamina 0 v interdum 5 erecta stylus staminibus pteris longior, stigma capitatum Bractea monosperma — Crescit in India orientalis peninsula Malaccensis prope Singapore
- * L CALIMBICUS W Jack 1 c T — foliis alternis petiolatis lanceolatis, utrinque acutis racemis axillaribus folia aequantibus, corollae limbo tubo cylindrico longior I lante — Kami lignosi stricti, folia merrilliana neivosa 4—5 pollicaria
DH pollicaria, racemulorum longitudine, flores pedicellati divaricati subdistans bractea ovario basin cingens, calyx v subulicinctus intermedium corolla rubra antea autliem perfecta cylindrica spatulata, limbus tubo triplo longior, petala basin usque subdistans stamina (unique — *Kayo liong* in *lincaui Malaccensium*. — Crescit in insula Sumatra.
- [^] L INTALAIUS W Jack 1 c p 350 f — Pentandrus foliis junioribus rimulisque pubescentia stellata decidua vstitis, foliis alternis late ovatis acutis, lacemis inflorescentibus pilosis, calycibus quinquefidis, corollae limbo quoniam tubo multo brevior — Folia petiolata intermedia lobata, novempollicaria, petioli breves, lacemae plures aggregati interdum sulcati, flores subsessiles, bractea parva ad basin ovarii pedunculi ovaria et calyces breviter denseque lanati, corolla bipollicaria tonsillatella pallule roseae, limbo vincto — Crescit in India orientali, in insula Pulo IAsia parvitas supia arboris
- ⁷ L PVTUJUS W Jack 1 c p 337 -J — lacinis oppositis elliptico ovatis pollicaribus, foliis longe pedicellatis pinnatis lacemoso, lacemae inflorescentibus foliaceis corollae tubo acute serratis limbi lacinus tequilii — Folia lobata, folia petiolata corollae cucurbitaceae tripollicaria racemulorum breviter bracteata 2—4 ovariorum calycibus modo dngentes calycis imbricato intermedium, corolla vultis basin vctis purpureis elavvi inflorescentia hexagona limbi sexpartiti laciniis tubo aequantibus intermedium bitruncata sex — Crescit in India orientali in Bengalia interiore
- ⁵ L PSLUDOPHTUOLHTUS Zollinger Flora(B Z) XX 658 — Folia oppositis sessilibus seminatibus ovatis coidatis acuminatis merrilliana conacis
Supra tenuiter venosis, infra avensis ramulisque glabris, tubo corollae elongato
Folia hexandra obsolete elliptica subulicincta antherata, alia styli tubi lacinae, corolla pulcherrime sanguinea, lacemae intermedium purpureis — Crescit in montibus enallera prope Gebok klakka, circa 5000 s m. in insula Java
- [^] L LIN DEN IAN US Zollinger 1 c p 100 — Robustus foliis ovatis conacis Avenio acutis seu larius obtusiusculis 3—4 in pseudocyticillum confectis in axillis radicante eiiuitis, lacemae axillaribus terminabilibusque subfatis subnutantibus Bimphicibus elongatis in flouibus subveitellatis cupula obliqua intermedia, basi gibbosae suffultis, calyce glabro integro, petalis liberis reflexis, stylis staminibus itaque obtuso sulcato, staminibus G eictis, corolla rubra — Vibonibus nascens ad montes Wi In an et Ardjuno 4—5000' s m in insula Java
- ^{lfi} L IRISIIIS Zollinger 1 c 658 — Ramulis teretibus multilobis, foliis oppositis subsessilibus ovatis subcoidatis acutissimis seu icuminatis cornicis subvenis, inflorescentia axillari simpliciter furfuracea, umbellulis numerosissimis subsessilibus densissimis tubulosis bracteatis, bracteis ovatis acutis, calycibus truncatis limbo tubampliato intermedium 1—5 partito, petalis 5 liberis a medio reflexis linearibus, antheris basifixis, stigma capitatum, corolla obscure lobata — *VHinis / In aid hortulans* sed differt lacinibus 5 nitens foliis forma et bractearum — Crescit in salsis munitum Riwan pro Bondavo 5000 s m in insula Java
- ^{l1} I* KUPHORBI-UM icon plantu tab 1003 — CUBEI CICUS *RAMONISIIIS* foliis bicinctis petiolatis ellipticis tubulosis basi vctis subtruncatis

lentis (exsiccatis obscure Irincrvlis), vigenribus avenlls; floribus scsillibus axillaribu v. fasclulatis circa ramulorum nodus; bractea lateral! ovarii basin clngente obtu&ia sima; calyce truncato Integro; corollae tubo teretl, limbo clongato Indurato, ant< anthesln acuto, laelniis subulatls, elastice dissilientibus; filamentls rubrls, antlieih fiubulatls; stigmatc clavato; bacca rubra phaseoli parvi magnltudine. 2j. — Crescit In India oriental*! parasitlcus in *Euphorbia antiquornm* et *torlili*.

12. L. (*Cichlanthm*) EXOCARPI Behr, Linnaea, XX. G24. \ — Raml fltrlat; folia op poslta sessilia, linearia interdum spathulata, ad apicem ob(usa, falcata corlacea veitlcalia; flores axillares brevisslme pedunculati, folio dimidio breviores, hexandn hexapetali; petal a canaliculata. t) — Crescit in Nova Hollandia in *Exocurpis*, *Casuarinis* et *Acaciis* parasiticus.

f **Icon addenda.**

- L. NEILGHERRENSIS Wght. & Arn. — (Repert. II. 440. no. 8.) — Wght. Spicil. Neil gherr. I. 37. tab. 88. et Icon, plant, tab. 1020.

f **GENUS LOR AN TIL ACE UM INDESCRIPTUM.**

PASSOVIA Karsten.

(Karsten, Botan. Zeitung IV. 107.)

1. *P. SUAVEOLENS Karsten 1. c. * — A. *Lorantho* dlffere dicitur embrjone semper central!. — Crescit in Columbia parasitice Innascens *Buræ* et *Citri* speclebus.

Genera polypctala incertac scdis.

1. BROCCIA Mauri.

(Mauri mss. ex Duchartre, Revue botanique II. 124.)

Dioica. Planta foeminea. — Flores solitarii sessiles axillares cernui? bractee 2 vel 3 marcescentes ovatae (2 lin. lat.). Perigonium 5-phyllum» foliolis in duplici serie dispositis, 2 extimis latioribus, 3 interioribus lon* gioribus, omnibus lanceolato-linearibus membranaceis pellucidis virentibu^ persistentibus patentibus (5 — 8 lin. long., 1 lin. lat.), basi germen anr* plexantibus. Corolla 0. Pistillum 1, ovarium conicum coriaceum, obsolete 3-loculare (5 lin. long., 2 lin. lat.). Styli 5 filiformes, stigmata simplic^a-¹ Ovarium post anthesin in pericarpium sterile coriaceum sublignescens jonicum (6 lin. long., 4 lin. lat.) excrescit.

« *iiU. DICDOTOMA Mauri 1. c. — i) — Arbuscula sarmentosa. — Crescit. . . . ?

2. CERCIDIPHYIXOI Sieb. & Zucc.

(Sieb. & Zucc. Flora [B. Z.] 1847. p. 729.)

Calyx tetraphyllus, foliolis quatuor coriaceis deciduis. Corolla . . . ? Stamina....? Capsulae quatuor vel abortu 3—2, substipitatae cylindrica, primum erectae, demum divergentes et subarcuatae, in latere exteriori sutura longitudinali percursae ibique dehiscentes bivalves; placentae in marginibus valvularum decurrentes lineares, seiocinibus Vniac-¹ riatls imbricatis pendulis subrhombeis, in alam membranaceam terminali Stylus in quavis capsula terminalis longus subulatus, in latere exteno^{re} sulco decurrente exaratus, stigmatc obtuso, primum persistens, tandem ad % longitudinis usque delabens.

* 1. C. Sieb. & Zuccar. 1. cit. — ^ — Folia decussatastlpulata. — Crescit In *»^{re}

3. COELOPYRCM W. Jack.

(W. Jack in M'Cllells Calcutta journ. of nat. hist. IV. p. 341. — Hoc ^{Genes Jan} describitur in Hook. Comp. Bot. Magaz. 1. 220. & in Endl. Gener. pi. p. 1332. ^{no. 0880.)}

1. *C. CORIACEUM W. Jack i. i. c . c f - { - A Malaccensibus ftopellatur *Ta tang*. — Croscit in sylvls Bengal Ue interioris.

Ordo CIS. LONICEREA Emft

(Wlpra. Kqiert. tot. *aysU* II. W. VJ. 3. — fti/>rif<Wiarese A, Rkli. — DC, Pro Jr. IV. 321. etfi72.)

3333. A ItKLIA A //i-.

(DC, Pro Jr. IV. M9. — WJjirs. Kcpert. fl. 44C, VI. 3.)

J' 'A_h FLOntnU. ADA Dene, — (KepcrL VI. 3. no. 3.) — HooJt. But. JHagM, lib, 4310. i — Llod], Uul. lIegltt, 18-17. tab. 55-

3336. UIEUVILH *Totmcf.*

{DC, E'rudr, IV. 330. — Wlpr*. iUput. II. <7.)

• &. 6ESSLLIFOLIA Shnttlew- BM». LbWM* JCK, 25. — Folii* «e4»illbu* she sutR<?s tUlms, Inaeqja'tet **ugvte ieiTaUti**<j U<ILLUR iiankulatis; ualyeia lacing tLiicarln-teotntls breviiuctdl) corollae tubo CUTTUO, calyce 3 •—4pk> lon^lure; **ttyk** T<T-•n* apk*m **fteulm** iicr*8sato; cpsuila abru[itim attonuatis. fj — i). rfi/iifu Tir.

[Yorr. & Or. — Cre«dt In lllatk-lIjunlaiiik Coi-uHine tu^eriurIs, Ibidem ID regluni-
tuu. Alj>EITIT; tt me<ti< raontiiua Smokty-^Irjunt^iiji, Totmeisee.

2. D. (WEIGELA) ROSEA Lii.Jl.jouni. unihhuTik.soc.l. iVS.ndn. t.G. — Paxton, Ma-
gas. of hot JfH7,(c. k.) — Van Houlte, **Flor.dx. Oirckiks.** HI. tab- 311. « llamuHs,
petiolij, Mieium toslis ovtriUqne **pobuceoti-hirUa**; fuliis brevlulne petUlitis i>b-
longia aculi» acumlntuiinr, Lis! rutjuJaHs argute **kensttl**, supra gUbrl*j Aoribus
sexalibus .inUl:Lilhtj« triuliiii"Lnjsfju<i 1—3; GTHIO pctlulo plurlea longiore; ciljce
piloaluscule; cornlla« pubescentU bjto obcuiinu, Umbo pntulu ttgulfTI, Uclnils io-
tendatis; filamentis glabris, ^ — Crcscit In CbiLa, Ab IU^UIa appellatur „Noak-
shok-whos.“

3337. MiMt'ER.t *Dsf.*

(DC Piodr, IV. 330. — WJjirt. lieitett. JI. 4-17. VI. 4.)

1. *J, KYLOSTEUM Lion. — (DC, L c. 335. no. 32.) —

P- COTJNIFOLIA C. A, Meyer, Beltr. zur riluiukhdc, Kuul. V. 51. — Folis
{teliolatfl aubnrbcLJlalis apice rolumlatli retuili (ubfliucrobatlj glabrLa ciliatis,
4u|icrijribu8 **dOftlell*** — Spcclmtiii full iftrum tub oculis *anl*, Gofibus Jiqur
frnctbuc dutituium, * vera I*. XyttMio roliarioi Tonna atque illurum gthntr
divtrjinnt. fIBnt.i recogmueenda, — Cri>scit In RDt^lae pr<v. VMjita,

2. L. DISCOLOR Lindl. liot. Regt*t. ISUJ. tab. 33. s.lrt. A IHJ7. tab. 4J, — **CUB** *errima*;
folia yctlivlAtls oM^iiiiie aetis, subtua glauciaj p<dunculis fulin dimldlo brevioribus;
calyce quinqutidentato, glaiidu* ciliati>; carollui tubo blue **Vfido** COIVVKU illtcv-
lure, liitabu luulto brevlure. fy — *Cttattt* In India orientali.

3. •L, LICOSTKINA W& -^<DC. 1. c. 304. no. 23J — Wgtit. Icon, plant. Ub. Iftn,
tt **Sptcll.** Neilgheir. I. TG. Ub- 01.

3340. VIBURNUM *Low.*

(DC. Prodr. JV, 323. — Wlpra, Rqtert II. 450. VJ, 13.)

1. V. MACROCEPHALUN Fortune mss. In LindL. Dot. **BagbL** l**T. t. 43. — Van
Hooito, Flor. dr, tiveJuhsr. III. tab. 2C3- 2<34, ^ Ramla, [Ktiolis, fojils subiuu **pclnk-**
cullique stellatim **bolknca>p<lwscwttbu** | fnliis **artttB** iil.tui* otimLs UcniiuLiis
scabriluscullis i cj in is cuiDi>o<itli neutrifl inaximib subpvramidatia, ^ — C'rcscU in in-
sals Chinesi **CnntM'**

‡ *Icones addendae.*

V. ACUMINATUM W&H. — d>C. I. C. 3>v no, B.) - Wght, ICQH, plant, tab, 1021. ct
Sptcll, Neilgheir. I. 75. tab. 50,

V. *CXnmiMftm Wpiit*. * Am. -(It-p.m. II. U1. no. <J - U'afct. |>. pHn. 102.
 V. irKltlMILL'M W2Li. ft Am, — tUp<rt. II. til), HIP. J > — tV-Jit. |, r. 1*1i. II22.
 (. M. H. VTOH II.n1.rff. — (D<\ l, c >< 00, 48,) — UmH, Bot. HryWt. |MT. f>b. 0.
 — Van Hr.uti-, I l-ir. Jr. i;rMi>Snr. lir. t*ij. 278.
 v, mOfITIANVU *WdL* — (ftftftrf, H. 4JI, !,,;,>) — U^bi. L c, l*k iff^ . <t 5y
 dig. JfeJlgbetr, f. TI (alt. W.

Ordo C& RUBUCEAFi Juss.

(DC. Prod. E. IV. 34J. el (TIJ. — U'ljir*_ Jlr^urL h6l, *j>|. II. 451 el ML VI. %)

Subordo 1. *VOFVi-LU'fi.MK* Kmll. — cltrnrtr. VI. 9.>

Tribua L OPERCULARIEAE Jew.

3097. OFEMCtXAAIA J. <

(DC. Prndf. IV. OIJ. — Vrtpi*. itpcM. If- 43*. VI. i>>

I. O. OVvJ'A flinl., fijr Luml. j . ; •• i *01. VI. MA — (il&ht^itruli * .
>\ rnuih *STS.r,iUbWi* jiruitraiu «*ct<oirMllbluv# ft.ultfljttLIU *gfofcff**,
 Ukech i i*i;iilwlla jf.MijLftmi lii'fiiij.r (intluucaLiili; it'nHim. di ucin triandris; corolla
 calundibelliformi; filamenta longe exsertis. 2 — Caulis basi subrepens, ramis gracilibus
 3 — 6-pollicaribus», (ibtiue •D<juli)U> glaberrimis)
 tqtd Itmj, in jnii lain J — I lin. tuijiiiiii afan^xi angustata, sicut •imraii
 natter ntturvtM, ptn>a{MrAlKc|l|jU4, v^inl i tin. (•• i i ipdul axillaria,
 ^ m(U iliift. 0 — S HITJ, ir>ijr-i ; filosa, calycis lacinis subulatis acutis. Corolla
 Mul) l*y Mil. loijj.ii-. oft (juadrifido, gemmatibus exsertis. — Crescit in Van Diemen
 L&ud ni>l Luuif.i".u>ii.

J. (J. VAJMA BfiHtk, lil. I, ft, l'ff. — l'IL i0* Iispido-pilosa vel glabrata; caulibus
 III'L'F SLMLLh) |i- rjijaJIIIi* ni->'N* |IH|U utiave gracilibus angulatis; foliis brevibus
 ovatis ovatis hetero-oblongis lanceolatis obtusis; utriusque
 3-10cm. hirsute pilosis scabrida glabratave, vagina brevissima; capitula axillaribus
 Oyr-breviter pedunculatis; corolla hirsuta lanceolatis obtusis; utriusque
 longa; staminibus adhaerentibus. 2 —
 var. a. *hispida*: foliis majoribus linear-oblongis obtusis, t-AOjin Jin. n. 15.
 b. *scabrida*: hispido-pilosa; foliis oblongis ovatis ovatis
 vs 1 subrectis.
 y. *HUjirmit*: glabrata vel glaberrima nitida; foliis linearibus acutis; ramis
 erectis vel ascendentibus.

Crescit In Viu Uirunn» Loud luck wtx» abundanter.
 J. O. SCAB8104 BdtWiUL Una. X3CDM. — Ista pills rigidulis patentibus scabrida
 esulibus (herbacea?) subterribus, ramis brevibus o' positis; foliis lanceolato-linearibus
 hinc, acutis, basi longe attenuatis et vugiM bretl IWL» la nuipln-- a—*iil"****
 euncatis, internodiis multo brevi-
 litaris, fertili <evolueri foliis duuliei* u<pJo* elo<fi>U« JLHL-^T*, •l-iiijlh" ' <u
 tuor. 2 — Crescit in Nova Hollandia australi.

Tribus II. STELLATA£ Bay.

3100. CWIMI7I Linn,

(DC. Prodr. IV, 533. — W|>T It<Ji<U U. 4HL VI. 0> *t <r0 — Radice 3. 2. et d. III. I. <. IKKl 5W->

I. G. POLYMORPHUM Kna
 aequali, ad articulos Ebron — Radice repente hinc
 o tetragono granulato subulato

folia lineari-lanceolata aut lanceolata oblongiore, acuta obtusive, longe mucronata, margi-
 ne serrulata aut serrulata, venterem brevibus glabrisque, convexis, subtus
 glabra, **u'.i.ti C — ti** panicula simple i yiOfllli c^i.ikrihtii, *•<* aethusa au-
 tenticat, fructiferis erecto-patentibus, **rmfii* Hptnw** inlirufnru, krünl* diratle i
 to, Jacati-lanceolata, longe mucronata, transversa convexa; fructibus in viva r<ij
 calata-patentibus, aequalis rugulosis. 2 —

var. **α. angustifolia**: strictius rigidius, plerumque et humilior; folia angustiori-
 bus linearibus aut linear-lanceolata, praeper calata revoluta.

var. **β. latifolia**: destituta hirsutibus, plerumque alius; folia late lanceolata aut
 lanceolata-oblonga aut obovata-oblonga, minus, saepe non revoluta.

Crescit illa in apricis aridibus, haec in umbrosis locis pinguis Bohemiae.

C. O. RHEUNSEUM Moench in Duchourte, Herbar. v. d. d. H. 202. — Caulis prostratus
 quadrangulus paniculatus, gemmulis incrassatis; folia semis brevibus pediculis obli-
 qua, apice mucronata glabra; pediculis lateribus terminalibusque, di-trichotomis,
 pediculis capillaribus; nervis acutis; fructu glabro didymo. 2 1 — Crescit prope
 Meun, Santa Cruz in Algeria.

C. G. RYPADESIUM S. Schauer, Linnaea XX. 100. — Caulibus proscumbentibus ter-
 minatis, ramis quadrangulis adnatis cum calorum dorso serrulatis, foliis quater-
 nis quaternis ovato-ellipticis breviter acuminatis laevibus triseriatis, supra pilu-
 los, subtus canaliculatis et venterem villo hinc glandulis punctiformibus ad apicem
 folii in densam nervuliformem glabram glandulosam confluentibus densis, dentibus ad
 apicem ramulorum cymosis; cymis foliatis divaricatis, ramulis bifidis; fructibus pills
 sessis hirsutis. 2 — (Ad sectionem Trichogalium pertinet.) — Crescit in Mexico.

C. G. ANCHERBURNII S. Schauer l. c. 701. — Totum glabrum subulatum; caudibus de-
 cussis tetragonis, acutis lobatisque margine recursum aculeatis, foliis quaternis
 subseriatis linearibus **sU** la univertis, basi subrotundata, acutius cuspidate ter-
 minatis, margine recurvis; cymis axillaribus involucratis. — 2-heria, pedunculata fo-
 lio subaequante; fructibus breviter pedicellatis erectis gl. **A. r it 1 . 4** sectionem
 Rhizanthemum pertinet.) — Crescit in Mexico.

C. G. VAGIENS Hook. B. Lond. Journ. of bot. VI. 400. — Totum glabro-pilaeum; caudibus elongatis gracilibus diffusis vix ramosis, verticillis
 terminalibus; foliis parvis quaternis ellipticis subaequalibus, utraque hispida; pedunculata
 axillaribus folio brevioribus bi-raris subulatis; hirsutis minimis; fructibus glaberrimis
 2 1 — Caulis pedales et ultra. Folia pro plus l. minimi, 'J — i) HIT- longa,
 flosca vixla incompleta. — Cres **(it •• Vu w ^ HHMLIOCII pmrolt-i**

C. G. CHLORIC Hook. B. I. t. — P-iMliK itftLiA, .-^idri-plloniintT *J i In nodi
 folio parvis longioribus; foliis ellipticis ovatis subulatis, utraque hispida, 18
 dentatis folio subaequalibus plerumque — Saria; ovatis ad hirsutis. 2 1
 — Caulis erectus subulatus pills patentibus hinc hirsutis
 folio vix — — — — — glabra quam folio, magis vi
 venter calata et pilosa. Pedunculi axillares, plerumque versus apicem caulis sub-
 pendulati. — Cres — — — — — Lond.

C. G. DENSUM Hook. i. **J U**, - Siderocalam: caudibus elongatis diffusis tetragonis ter-
 minatis, angulis scaberrimis; verticillis terminalibus; foliis quaternis obovato-ellipticis basi
 subaequalibus planis, marginibus recurvis super punctis sparsis asperis, subtus glaberrimis;
 pedunculata hirsutis **m** gracilibus, fructiferis folio multatim longioribus plerumque
 hirsutis; fructibus sessis patentibus subulatis hispida. 2; — **CHIO** tenues 2 — 4
 pedales, angulis totis sparsis brevibus subulatis hispida. Internodia 2-
 vialia. Folia circa vicia 2 — 4 lin. longa, latitudine varia obovata elliptica vel
 lanceolata. — Status variabilis. G. australi accedit, sed tota planta minus ac-
 leata, nullis pilis — — — — — inque elongatis et bifidis complexis differt. — Crescit
 in Van Hemen Lond. vicia subulatis.

C. G. RUFU Hook. B. L. «. 1, t. 402. — Totum hispido-pilaeum; caudibus ascenden-
 tibus e basi ramosis, pills patentibus hispida; internodiis folio bis terve longio-
 ribus; — — — — — utriusque hispida, marginibus recurvis; pe-
 riculis;

dancalis florIVHi fuln |tin^li)riliu» M — trllhi?^t "Twilt Itltpldt. 2J. — C austral
 afflu., ted hJ«|i.dliui dlffit cjdNIMk bHtftaftuM, fulil* atapiHicfilitut, |ic**I
 elongata et tnullJlnii, — CfxrkdT Itl Van Di^Uirln LitnJ I*^{is} sicis.

- 9. G. ALBKSCKS3 ll«ulv, fiL). e_r—Tflt»" (FIU» MOJI^UI |utf>mijitu c * « t < j
 filiilu MiUtP^in jiiici* rnituiiu. InternuiliUi rvnuruM folio 4<KjDilunat* htv^t
 foliis quaternis elliptico-ovatis irjittJtv bu^diltiui trcurrl*. utrlmjue unlitlitr Li*,
 pilosis. BurJlflin ipfduncuK* AiiULwibiJa jroltUtlit tjiU!;rl», flurltrtl*. btt-rlSus, fructu
 flu vuliill* rucurvti fructA w-ln mtctntft lilupbio. Jf. — Splth.tmiirnin el pjltu. l'i
 ,1 |u>, td >7 IUM, IOMtk, <;|«rt* TC| KvrDUle .ldldn. P«B<<ffl frutifuri valid!, f*
 laugiore* borijuiiUttBf> *pk« idCWTL — Crcuil In *n*»tn 'WciilbgtDa In Vn
 .lititN l.Illpl.

- 10. O. U'liIUM H«juk, HI, L r — PIIlIIII»! : i^hle hr/iT, uic«lo riIU« IT«II»
 |kU» i«irnr*1« .v.ilirralA i fah* brt-vilmii qdAl^mU if-niifr 11f11140 itbluo^L* <P(KI
 coris

ribus axillaribus sessilibus hinc breviter; ovatis glaberrimis. 2. 1 — Caulis 3-angulus
 robustus erectus. Folia parva, 3 lin. longa, valde cartilaginea.
 duncalis foliis breviteribus. — Crescit in Van Diemens Land. HIBMIHII^ Oil

- 11. G. i iin.ivu Hook. fil. Antarctic, voy of Tamar and Erebus 302. — Annum tot
 berulini: caule debili simpliciteribus; foliis quatuor ventris patentibus oblongo-linearibus
 Uii. En aristata acuminata, supra, margines utroque dorso retortam scaberrime
 pedunculata sessilibus solitaria. Nervis breviteribus, fructibus validis, foliis subaequalibus
 longis; fructibus bipido-pilosis. — Caulis implexi apithamasi, angulis scaberrime
 rillln illi W^mMMWHI, I, ^ *a
 nec. longa, internodiis 1/2 breviora, 2
 Crescit in Chonos archipelago.

- 12. >UEGIANUM Hook. fil. L. c. — Annum? glaberrimum: caule suberecto
 valis glaberrimis; foliis quaternis elliptico-oblongis acuta obtusa tripartitis
 r.mf
 gibbis scaberrimis, superioribus bipidulis; pedunculata terminalibus ternis sessilibus
 flammulosis breviteribus, fructibus validis elongatis bipido-pilosis. ☉ —
 Caulis apithamasi glaberrime ramosus, ramis puberulis. Folia 1/2 nec. longa subcordata
 W^i
 interdum sed rarius parva pilosa. — Crescit ad fretum Magellanicum, Fucgia.

- 13. CM, AGELLANICUM Hook. fil. L. c. — Perenne? caule suberecto parva ramoso
 ad angulos minutissime bipidulo; foliis quatuor linearibus lanceolatis acutis glaberrimis
 marginibus recurvis scaberrimis; pedunculata sessilibus plerisque solitaria bifloris
 rarius hinc et vix hinc
 rarius hinc et vix hinc
 bifida, margines vix ut de vix quidem scaberrimis. Flores magnitudine G. durvillii
 straminei? Pedunculata fructiferi foliis subaequalibus. — Crescit in Capite Negro, ad
 fretum Magellanicum.

- 14. G. CHONGENSE Hook. fil. L. c. 302. — Perenne? subridum: caule valido ad an-
 gulos retortam scaberrime subfastigiatis ramoso; foliis sessilibus rigidiusculis patentibus
 lanceolatis subobtusis, pagina superiore, margines recurvis nervoque dorso scaberrimis
 pedunculata foliis breviteribus solitaria fructiferis 1 — 3-floris, tffrlit^Qa I
 pedunculata simplicibus vel bifidis; floribus minutis; ovatis glaberrimis. 2. — Caulis
 apithamasi, diametro pennae passerinae, subulcus, foliosus, plures ramosus, ra-
 mis erecto-patentibus. Folia 7, nec. longa patentia, vix hinc nigrescentia. Flores
 valde inconspicui. Fructus 7 — Crescit in Chonos archipelago.

- 15. G. ANTARCTICUM Hook. fil. L. c. — Glaberrimum: caule decumbente tenui ter-
 tido parva ramoso; foliis quaternis patentibus recurvis oblongis oblongo-linearibus
 linearibus lanceolatis, margines truncatis scaberrimis; floribus in axillis solitariis
 solitariis; pedunculata fructiferis validis foliis breviteribus; fructibus glaberrimis ter-
 bus. 2. — Caulis 3 — 5 nec. longi lobertuli sessilibus, ad angulos sub hinc scab-
 rull. Folia saecula patentia obtusa, 2 lin. ad 1/2 nec. longa ovata, margines recur-
 vis. Flores sessiles ubi trimeri; AlAmrlrfiui (IIvil*. reiKUtuli fructiferi arceus.
 fructibus didymis glaberrimis
 Jun. Paris. 87
 012. — G. 2666e Baks. & Sol. — Crcidi In Terra del Fuego.

Teones idilrndaft

- C. CHT.*rATUaiJ*»li, A-3|^r(j, ljtjur. |»l. uiiinl. II. 111. Ub, 101. — *Moistarypa* *tii.ti3ttiiiji.-Jri* llot«», — flt*-ljrr.: VI. 0.)
- *i. OLYMPfCtttnWti. — (Ht-jirrL VI. (ft, no. 41.) — JIull. ā fijuch, I. L II 114 lob. ISO,
- G. I[K«iriEMA\ ni ivr!,t. X. .ltd, - CftMptfe "• u.. flu' 'a!* — Wgllk I»H. ihut tab. 1042. & Spicilog. Nallgherr. I. 83. tab. 103.

8KB, tM*i:ntii fAW

IDL'. Pm.lf. IV. SHL — Wljift. nriifll. H- 4W rt MI. VI. fL «l »7r»|

L SI BSmt'LEX. Book. fit. Lonti. Jnurn. nf Wi. VI. 4*U, • — liJalinrlnit: Bask (d rill wbmrclo «i(ti(ili<> tel ditftn ; f'4lii (ju*lfw»» »m(uil)- li*tr*rilm* uhlit^ n)i
 Vave, marginibus r •urvt* i>ii^>mi' pwi «is remiic « n jlicmlli i pOd«HT«U» th axil
 la suprema tutdrnfU lilnit InfhUv. t — flfmiB, 2J,— ' aut rt lave umjiltad \$t*
 ciles glaberrimas, las m til fluibmlml rrl miiirtitf iit^ulla abar rutv Krahrruli. (Rtftth)
 folia longioribus vari i. l'»lu waiv*. a - J litt. br in, w h- h IU, l*4i. mrimiiir A[I
 gestata. Pedunculi folia aequilongj vel elongati, in Corollae *u)(i*t)ulju- d^ fi n
 ma folia brevibus obUUn. — Crr-bii Id V <H 1). t iura Land
 & Cize.

A. GUNN Book. V. 1. >: - U abruuscula: caule decum bente amani; rut&iji m-' it.
 iWullt; Mil: quaternis sentiva lineaq' albus obovatis lineari-ob-
 longiore, utrinque laevibus, marginibus recurvis, obscure scaberulis; pedunculis ex
 axillis superioribus solitariis vil confertis i - 2 floris. 2. — Caulis plerumque de-
 cumbens, exemplaribus mesianis brevis erectus validus, ramis divaricatis. Verticilli
 remoti vel castigati. Folia 2 — 5 lin. longa coriacea, alera nigrescentia, utrinque
 glaberrima. Corolla glaberrima, tubo subelongata. — Crescit in Van Diemens Land
 locis alpibus.

SCOPARIA Book. « ! « — Caulis decumbente s basi ramosa: ramis ascenden-
 -w >Uk- brevibus hispida; folia ovata anguste linearibus patentibus, utrinque
 viderum angustata, marginibus recurvis parce vel non ciliata, pedunculis in axillis su-
 perioribus confertis, folia — corollae tubo gracili, fauce ruda. 2. — Caulis
 e radice plerumque decumbente m sui, ramis ascendentibus rigidis hispida, 3 — 5
 line. longi. Verticilli a junioribus conferti, senioribus remoti. Folia unifor-
 mia, sub 4 lin. longa, »1* % I*. UU, f4iTi^ — tnUtH'J. In apki-rti ilJ'ifijiriMin inli-
 plurimum gradibus acuminata. Flor i a^Meutl 'l*? Hit- IJii-1. (I'pjollft infanlibull
 firma, tubo gracili, fauce glaberrima. — Crescit in Van Diemens Land. I. Lawre, by-
 A. CONFERIA Book. 61. l. c. — Druca glaberrimula: caulibus pluribus confertis
 ascendentibus glaberrimis vel obscure scaberulis II fih* In, i patentibus recurvis an-
 gustis linearibus acutis truncatis, marginibus recurvis ciliato-scaberrimis, peduncu-
 lis brevissimis in axillis superioribus fasciculatis
 minus abbreviata 4-dentata.

var. α. internodia folio longioribus, caule elongata.
 β. internodia folio brevioribus, caule abbreviata.
 Caulis exaristatus ad pedicellum rigidum ascendentes ml subrecti, plnriw J*»»i. ptnm
 scaberulis vel glaberrimis et pilulis. Folia 2 — 5 lin. longa rigida, marginibus n
 scaberrime ciliata. Pedicelli folio breviores. Corollae forus loem. breviora quam
 masculina. — Crescit in Via Diemens Ltod. W« danti.

A. PUNILL. Di pilula: caulibus decumbentibus; ra-
 mis robustis ascendentibus stricte «.p,f-ril. foliisque utrinque scaberrimis; inter-
 nodiis plerumque folio brevioribus, folia ovata lineari-obovata oblongiore obtusis,
 marginibus recurvis scaberrime ciliatis, foribus in axillis superioribus confertis; pedunculis
 folio brevioribus; corolla infundibuliformi hispida, masc. elongata; fructibus bre-
 vissimis pedicellatis glaberrimis. 2. — Caulis conferti T*1 subcapitato, ramis 4-co-
 cillibus. Folia parva hispida. — Creacjl In V*n Diemens Land locis alpibus.

A. MINIMA Book. Ii, t. c. — Giupltuu: cuJEbai gracilibus erectis ascen-

glaberrima vel parce scaberrima; foliis parvis anguste linearibus ovatis acuminatis, apice dimidiatis, pagina superiori marginibusque recurvis scaberrimis; l. i. l. un. iii. t. im. i. l. ibus foliis longioribus; floribus subsessilibus; corollis glaberrimis. 2; - < IUCS .i* 3pi> WwU ^Mik*. TmUi. 1 \ — S Un. Iunga angusta. — Crtdtl a] iJiorgr Timii in V<n Dc n it |jnd.

t Iran addenda.

A. INVOLUCRATA Millenhni. — Me^iU Jf. 461. no. U If !, no, 0L) ~ Joub. & Spach Illustr. pi. MriaMal. B- l'l& tilt. Bft

TriUins IJL JTIHOSPJCUMEAEE Cham, el iSchlecht.

3109, roPIMISW.t Ft*tP,

(DC. P>wfc. IV. W1 — Illjird. Hsfatt. R 462. VI, i., & 700.)

I. *r. HIRIKLLA UIHIL. — ft'. L I. ^ Um.k. BL L-inJ. ,sum. of bot. VI, 43. < Folis oblongis glaberrimis, glaberrima, nunc politis > — *, tirtlria J-i - ** . ri.<y.*J \ . t'tiHH, tint, p. l-irliv Ri.lji llti. s lati . . . -i.loadaU cupidatis asperitatis. — r.*> spidi/pis Hi — f MfMtm % , thii fit*. i >O. IUIXAIUMKIU ll-toL, til. I. — i' micropbylla A. CHM. mo, — Marquies BitturAt'n D< — r<ii/l b>n ^HdriflAtm i abill, *t. i .\niUA Uu*. m i i Journ. of bot. u 4a. — Erecta robusta ramosa; ramis terminalibus; foliis parvis išk'nl>*t* hv vixime petiolatis ovatis elliptice-oblongis obtusis subtus nervis, marginibus recurvis; floribus sparsis; calyce quadrilobo, segmentis oblongis obtusis; corolla profunde quadripartita, laciniis linearibus reflexis subaequalibus. — Fructus erectus, 4 — Sepala rudis, ovale robusta. mniuin i a — 1/4 m. longa, valde recurva. Ih res lili longioribus.

TriUi IV. SPERMACEAE Cham. « ScUcJbtd.

Subtribus L. FUTURIAE DC.
3117 HYDROPHYLLAN Zucc.

(DC. Prodr. IV. 378.)

IL MARITIMA W.

Subfftu* U. Et'SPLRXAfxICEAE DC

31JH. BOH 111. KM % /', * Jtt

(DC. Prodr. W. MI. — WII*- Rf . . . R. < i 4 MI TL 9.1

], » . DJKPtttSA Hook. IL Mi Irm i < . *f tk- Lin. soc. XX. p. XII. — Radice ter nura; caulibus diffusis prostratis, raris dichotomis ramosis, acute tetragonis glaberrimis vel pilis sessilibus compressis brevibus setosis; foliis subsessilibus lato ellipticis n-lt Dtu . ivfUa, « . . . glaberrimis, marginibus subrecurvis ciliatis, subtus glaberrimis a calycem sic separato. 2 — Crescit in Charley and Jano Isanda.

2. IL LINEARIFOLIA Zucc. fil. l. cil. — Caulibus elongatis gracilibus procumbentibus raris divaricatis subuliginosis; ramulis acutis tetragonis ptabf-fumw MM^II* Wtai i-i-jMtlk.. ltd lanceolatae plane acutis serratis, raris tenaciter hispida pilosis, marginibus lente recurvis ciliatis, subtus glaberrimis; corollis nt in /J. •Vii/Ar<<<. 2f — Crescit ' ta f an UU<4.

x it. SUBRECTA n**i it. i. <tt. — T>t> hispida-pilosa; radice caulibusque inaequalibus subtus recurvis ciliatis, acute tetragonis foliosis; foliis

LHM4 ji ill . . i. » iilrt M M l h T "lf ... calycis lobulis ovato-lanceolatis acuminatis corollam subaequantibus; fructibus n

var. ... (translucens, foliis submembranaceis)*cdJi. — rrr.icit In Alb* ...

!.. RHOPUSILLA Hook. fil. I. «*Li i", — fljrpiilrttu ; rullce 1isnn* : tjml* ilivari- ... m vi' l 'ljijilirii J.inrcii^ltp juuliji, tupr* ... r«TQluLi« riliJili* ; ll'irilms majusculis ; corolla composita lobulis calycis lobis longiore ovatoque latiore; fructibus pilu- ... — Crescit in James Island.

&> EitSCAFLIOUA Hn-fc.- If, i cil. — Tolm EktiffirimD ; rnulf: lignD^n rrtljri(i(ri; ... rulla subimplicata planis subfasciatis ... rulla parvis in ramulis brevissimis intervalibus fasciculatis ... rulla glaberrima.

RUPARIIFOLIA Hook. fil. I. cil. — Ramis gracilibus virgatis ramulosa, inferas sub- ... rulla parvis in ramulis brevissimis intervalibus fasciculatis ... rulla glaberrima. — Crescit in Allomaria Island.

R. DIVARICA •AT*. II- n fti I .a. p ... r m l' |>r irt : T l i i i * , ramis ter- ... rulla parvis fasciculatis subaequantibus lobulis calycis lobis longiore ovatoque latiore; fructibus pilu- ... — Crescit in Charles Island.

R. FALCATA Hook. fil. I. cil. — Caulis tereti robusto lignoso; ramis elonga- ... rulla parvis fasciculatis subaequantibus lobulis calycis lobis longiore ovatoque latiore; fructibus pilu- ... — Crescit in Allomaria Island.

31' i. HUI DAA Choa, & Schie 7f.

IBC. I ^«4t. IV. fltk — W1B«%, Ra^HCL "tt. W>, — Si • l'.Uij. Iimi.x^* XIX. T4*.)

Pl »rc* t*traoitrt, d-ri. tes calycini F>rcr« LrNin^uTtrcA. CVroUa Ur ... tnbtil ra, tubo dilat. tg in limKum prrifinitto partim m n1»i« ... JLJJUllt fuste exsertorum coroll. i breviorim filur^* en'a brevi < «i- ... llaeae lineares erectae sub medi odore affixae. St las simplex, sig- ... nate terminali. Capsula infra verticem ... o cincta, bilocula- ... tura in vertice intra calycium dent ... rum crassum medio dissepimento ifltw, wnJiiibit* pluHmU H «ifc- ... M impresso. Scelus subglobosa nigra nitida impresso-areolata - Km ... Mexicani parvis: lullis petiolatis lanceolatis; floribus flavis in cy- ... terminalis dispositis.

D. ERYTHROBULLA Ch. ... Ramis et foliis subglabris; calyce subhemisphaerico costato glabro; corolla ... A>>tL — ... <*9mt*Nt lit t-d». fl. 'n. — tHr^Tl. II. «> la. 1J — Crescit in MUIaial"!

D. ... fl i% f fej k 1 fin fl lti "H "lit l r -4 . . . it dial* fo_1. IH_LU- ^L H_]. IA * rmdt^ J < . lo- ... absterium dense puberulis; calyce tuberculato costato puberulo; corolla 2 1/2 lin. ... style staminibus breviter; capsula subglobosa costis 8 prominentibus per- ... — Crescit in (-ji'.ne temperata Mexici.

3167- C'HHK'O* * % /'. iifw*U>

(DC P*odr. IT. 4fl [f TCl. pnt JJ — U Jtim. Hrjun. (l. 4*1. VI 45.)

I. OL TH1M-KI:MA]<«fc. Hl. In Twiw.L u(ihtt lJnx i*.V X. 219. — 'olis petiole
tdlli nvufrij n] "J11]TCN U<neofatis. uUtiititin (-UfrMJjTU «i:un<: illis glabris coriaceis
*rtlinUJtlli i tUpul*t t.iTittimit ktrritvt niNp]dji(lft , i.- n»L^ nulliifl'ria; corollae tubo
c^cfi qtiB]m{*1ii lr.fi;:pntf j «umini.i.Hi lil-imrdii* ^l.iiifirim^ i nv^rlv l'rofuiiJtf ter-
lfibo j fnirID ifilirirnUfi, InruJlt nn>n]«i<|<rniD(. J^ — CrMdi li> tVuititt lulkuf.

3175. CJUPTBOOm i

iWlpt*. Rrptrt. It- lit. M WL J*. - OafJUMi * (V w Dr. Pr.,tr. IV. *?3. H 176)

i. C rMili:i.[. \n M Wght. Spcol. Nclgi i: J, -l.). »; , ^ lctffc |iUnl. l. 11134. —
lruliiiiium >, AuP orthocerasi ii.. mii' njMt j'jn-inl'ii* IMngvirtvi fvtii* brttld.T ^~
u o J' »
«acutis glabris coriaceis; * "&km iMriitUum urulirljili^ ui
culo corollae; calycis limbo obtuse quinquelobis; corollae tubo tubo
piloso, pilis inferioribus densius vestis; staminibus quinque; stylo -MjiirIN
nitriformi bilobo; fructu obovato didymo. J — Cr:Hit »h ljnll orientali (Neidher-
tes) ad Katscherry.

2. C. NEILGHERRENSE Wight. Icon. plant. Ind. 1847. — Fruticosa v. subarborescens
inermis; ramulis obsolete tetragonis glabris; foliis breviter petiolatis ovatis vix
aruminatis membranaceis, supra glaberrimis, infra hirtellis; pedunculis axillaribus
petiolosaeque, umbellam parvam 2-7-feram vertentibus; bracteis subulatis;
calycis limbo truncato quinquelobato; corolla quinqueloba, fauce pilosa; stami-
nibus quinque; fructu bilobo obcordato, ovatis bilobatis, ovulo singulari in locis
obovato; drupa glabra obovata compressa succulenta. J —
Natali ad Neilgherry.

DC
Icon addenda.

r, ItSCTat Til Wght et Arn. — (Repert. II. 84. no. 1.) — Wght. k<<*. plant.
vol. 86.
tab. 41.

Tnbus \II. GU/:mim£-4£ K»b.

Subtilus I. 3 UtliJMti IK rC.

3183. G.M.Mti.IK-II Zoffintjet.*)

(Zollinger, l l., [I], Z.J]*17- pti Wkj

(c ilja liafl cemir-it iadndeofl cum contljuis in rftpilutu in aofli
Ei,(n)ntfreroi Hb«t bravfa tvlliidricju Irr(*^itlarit*r J
den ifitus, ddfitifi.i* hni cis |leruniqu e jirodutiluribu* glabris, Corolla
epijon* tiii'iiln'a «ote BJliJl«in soperne 4 —5-filIRH lata obsoleto 4—5

slbftimirt tttitittlctb euorlj* v., vide barbata, limbo 4—5-partito tubi lo-
gitudine, laciniis patentibus ovato-oblongis, extra hirsutis, margi-
diaoUti*, bin* chLri*. M M lowcan*. wt.ta* fcrerhet Ufl^

B^jtinEia et Al^rnu; ill innoti t^»era« wntwti tlalirs in «<<activum
nruitiim prvdocta; nu hvnn temUat: line filamentarum bWmii«
tuilnulitcr riuliiftfcfltrH, >iii-i itbttau «f »p»»» acutiusculae ovato-oblongae.

a pills barbae corollinae centrum ver
noso [>iuU«rriine orbiculnri inclusum (V. *In««lum) b!locul: JUm**1
malae xsertis vix

) Nec C. B. SL-imtlZ PpftntM -jus g^ww homonymum ad Compositarum sub
nem perdat .35.

bifido; stigma duo, depressa **nn'in-flxa** **r** lulus glanduloso-subulmoxa
 obtusa **L. c. *iridi;** Fractus (syuc **TJJUIW**) otppiluluu **cdn^iimeuiu'** carno-
 sam subglobe. **cnverae compressi** **Ltrulum**, **liia^iiiiuJiiii'** (Jeru>i miao-
 rii **hi** cae calycis limbo coronata. **e biUctilirc***. **lurulit** monopyrcais, cae-
 lera **Morider**. — Fructus scandens, ad **7: 2: i: 18**; **ralib** »ubvolubilibus
 terribus, ramulis **V««leL«** +(-;nis glabris vicidibus; folia 'opposita pe-
 tiolata elliptico-oblonga **n. j. l. r. J.** **u. a. ' t. >: n. l. it | inti-MTi-liua** **jiCJiltiiK-r-**
 via, costis subtus pruinulis plerumque oppositis, co-
 noidis, sparsim hirsuta, **0. m-** (7) **longa** **ata;**
 stipulae connatae intrapetiolares glabrae, e basi lata subito subulatae
 directae, **d«inna** »-re-ventes; pedunculi terminales, nunc laterales sim-
 plices, **di«f an Whts***. **Bian** . * » **com** **coq. ati** **Wa**
 bellum pedunculatam 3-8 radiatam formans; pedicellis radiorum
 aequalibus
 brevissime 6-, rarissime 7-flora, ca. 2' crassa, floribus biserialibus.

* G. UNIFLORATA Zollinger l. c. — 5 — Crescit in collibus apicis Javae occi-
 dentalis prov. Bostan.

Subtribus **U. EUGUETT** **iftDKAE IK.**

L. S. VENULOSA Wght. et Arn. — 3 part. l. c. u, I- — *Lasianthus venulosus*
 Wght. Icon. plant. t. 1072. et Spicleg. Nulgha

Subordo ii. **r* VCHONAE** Endl.

Tribus IX- **HAUEUBAZ** DC.

3136, A. ANTIU: S /; r, nc.

(DC. Prodi. IT. U« — 1V1JKV. TE, r, tL * H. « t)

r^LATIKx Wght. l. ak. fd^M. t. HO. — V **horrea** ut **r-itmilli** **t«rvl|** i v,
 disquete tetragona glabra; stipulis sessilibus

caulis glabra, venis fasciculatis **Jw<i i m<inl>fn mfalt**; **< l. . . . mn** **<** hel-
 lula; umbella simplicibus axillaribus plerumque gemula, ped. **zila** pediculis circiter
 oppositis; calyce capsulari integro v. denticulato; corolla rotata quinquefida;
 ovario quinquiloculato, disco carum ovulorum ***»pCl*t'**, **IttlllWii**, **««MLCt<**

^ ^ ' MCC* i lobosa pili majoris magnitudinis.
 Bot. hist. VII. p. — Crescit in Zeylania insula.

L. ELLIPTICA Wght. l. c. t. 1164. — Arborescens; ramulis **(m*Uliu«** glabris v. sparse
 pubescentibus; liliis ellipticis breviter abrupte acuminatis, supra glabris, subtus
 pubescentibus villosis praecipue **U *rmi* fr•Imiltj.** penninerviis
 laevibus
 l. geminis; calyce capsulari; corolla rotata; antheris apiculatis;
 ovariis, stigmatibus 5-ala connatis, ovario 5-loculato. **h** — **Cr«clt la** Zey-

L. LONGIFOLIA Wght. l. c. t. 1165.

caulis stipulis fasciculatis pilosis petiolis **tD* M)frjirihuii r.nu fiui»UMMhiii mat'**
 ovatis, lobatis circiter triplo longioribus penninerviis utriusque glabris; corollae
 axillaribus parvis dichotomis pilosis, ad ramificationes involucentibus; bracteis densis
 pilosis; calyce **capuliformi**; corolla rotata quinquefida; ovario sterili plano v. supra
 connatis ovulis quinqueloculato, stylo filiformi sursum. **h** — Crescit in India vici-
 nitate peninsulae Malaccensi prope Mergul.

RUBIACEAE.

3M8/., LATVIA H\ht,

(Wfcl htm. jibitt. (. 1979.)

Calycis **HfiboK S—6-partitu5.** Corolla tubules, apTee gibba, lobis 5—6-fida. Stamina **5—ti,** imao COTDIUO b*ii iifTnu. filamentis brevissimis. Ovarium 5—6-loculare, ovulis numerosis, placentae liberae pro stipitem brevissimum angulo loculi lateriori affixae. Semina numerosa irregularia nigra (pulveris pyrii granula referentia). — Herb. Indiae undique puberula: foliis longiuscule petiolatis oblongo-ovalibus Utrin<|ic **ocumiatis membranaceis,** transverse venosis, supra obscure viridibus, **mfri** glaucescentibus; stipulis triangularibus acutis; cymis terminalibus **bi.** terve trichotomis laxis, ramis ad basim bracteis geminis **•no_mhr..«ef>** coalitis sti atp ; floribus luteis pedicellatis parvis; calycis tubo laciniis 5—6 angustas fere subulatas diviso; tubo a tubulosa calycis longitudine 5—6-fida, latus plicatula, luteis; staminibus brevissimis corollae vix adnatis; stylo breviter stigmatate magna 5—6-loba, segmentis acutis.

1. *L. ACUMINATA Wght. l. c. — 2 — **Crescitis I*4u utvintill** ad Courtales

Triimj XL IHCIHOTIDEAE Cbim. «t Schlicht.

Subtribus I. HEDYOTEAE DC.

3240. HEDYOTIS Linn.

(Wght. Report. - 32-54)

1. *H. AFFINIS Wght

Cresc. l. c.

(1)

* J. ARTICLAFG^ ftl Br, — m***r, II

a. *II. LVWMIMAK Wifet «l AffH, — (Hc)

et Spiritrg, ffoititiir. F. Th |at, 12.

Wght. et Arn. — (Rep eir IL «M. ••• 3*1 — "«*»

plantar. tab. 1031.

5. *H. BACEMOSA ton. — **myugi^K** (H.) «; | — **W^bU I. B. » * * ***

6. MI. tTVLUSA U-Ut. - ntrpi-rt, II. : 21, m, .1, — « -!.. L c tuB. |*17, cileg. Neilch. 10 .

7. *IL VEHUUI, LARIS H'HIL. — III^, ptt. It WH »n. IJ) _ Wiilit- I. L. c.

(plantagineu).

EAE DC.

32 u. oiMioitm/i Linn.

iHC. Pt(*ai-. IT. 4IS. _ Wlpn. Ucpcl. II. 8 VI. 71)

I. O. KltAN rilA WcM. !*«, pU*t. toft. 1967. — Suffruticosa erecta glaberrima, exceptis indurascens partibusque novellis: foliis elliptico-lanceolatis acuminatis, attenuatis; stipulis subulatis petiolorum longitudine; bracteis longe aliformibus cymis calycibus corollisque pilosis; corollae tubuliformis tubo intus glabro. Embus dilatata quinquefidem multum excedente; staminibus styloque luteo, profunde bilobis **4** **U.**

•i. (I. ROXBtmULILUU « dil. I. e. I*&. IIMI — **SaMtwUcain. tfe«U *** ramis junioribus corymbisque villosis; foliis ex ovato oblongo-lanceolatis, glabris (pagina inferiore); stipulis lanceolatis acutis, v. p. vioribus; corymbli tt-miltuUbuui congestis, floris, bracteis acute lanceolatis, pilosis; calycibusque pilosis; **p** **f** **s** **enroll* Itjfunitibuhf.jrml, tuim <iu*TM** Embus dilatatus quinquefidem multo longiore, intus villosopiloso; stylo staminibusque acutis; antheris linearibus acutis; stigmatate dilatato bilobo, 2. — Crescit in latib. orientali.

3. O. **GftAMHFI DfiJ** «- i. I. z. tab. 1003 — >struētas erecta glabr. 11PJJ11
 "A".Uh'.Tul.itis atdii. inatib; .UpbTH »iuul[» b> angularibus; corymbis [»] minutissim
 glabr; bracteis linearibus subulatis calycibusque glabris; corolla tubuliformi, tubo
 T ^ ^ H ptiptt^ l. In hg M<if LLMiM dilatatus medio lute
 i. luteo glabr; style staminibusque inclusis; stigmatibus attenuatis. 2. —
 Cr.

3. O. Zollinger, Flora (B. Z.) 1847, p. **m.** — Caele australensis erecta, foliis
 subulatis-linearibus, utrinque acuminatis, septa laevia, luteo albocinctis glabris,
 marginibus serratis; stipulis divicatis linearibus obtusis subretusatis; cymis ternatis
 luteis medio tubulatis. 2. — Flores lutei secus cymarum ramos secundi, corolla tu-
 buli medio longior. r. — Crescit in rupestribus littor. **iiiiut** Javæ prov. Maline et
 Java.

Icon addenda.

* u **CRISONI IL-v** — (Reg. *A. II. 309, no. 1 U — V'alt. IcNI, plan1. t W12.

3251. G

Ariz.

(Wigra. Report. II. 304.)

1. * **WRIGHTIANA W.** — (i. L.-(i. ii. jivt nil. i) — W-Lfii. r. .ii. (:;ni.i.
 28. 101.

3252. n i **MH.AVUIA A.**

't>I\ fr^l.r. IV. «Ii — W!W», I:AJ"/I- U. Sftt VI 28.)

1. * **W. NOTONIAN** i ^v.iii. — *1(ffjirrj- ii' 324, no. |.j — Wgfat, *leen*, ; laut. I. II 32.
 et Spirid. Nelligeri I. III. . 95.

(DC. Prodr. IV. 461. — n iju v l:*>Ptit. JI. HO l>-T. i r. a. I. | vi. M.)

* . **ODORA TA** Jfru, — (Dr. I. Hft <... 13 — l'.u.i.). Vimliili. t. se. IX. (c. 16.)

Trihu XII. (7Y(ihil t(I'M, DC.

Subtribus I. **ZYINCHONEAE** DC.

3253. not \ m m v *Sellab.*

riJC Pr»4. IT. JO. - Wigra. Report. II. 307. VI. 62.)

AR. BICOLOR (B. Z.) Kunz. Linnaea XX. 21. — Caele Califera, matice r. glabra, ju-
 vena ramisque pubescenti hirtella; ... calyx ovato-acuminata, basi subtrunca-
 ta, supero rotata, lobis linearibus ad ramos ramos-latis, calicis, pedunculis terminali-
 bus trifloris patentibus; tubo corollae basi attenuato glabr, calycis lobis ii nov^a Inn

1 ItMMMkM I*M (.I»IIJf 1f<)ytUJ||iU4.

Calycis ...
 flos ...
 longi ...
 austral.

^i triln*, n> fliJtrrt pTirITf i LJL • n lan^ i
 wu4k». r.,t>dil*i' in*. — CnmitIM

VI row addenda.

* **FLAVA** Desv. — (Reg. lift. VI, 01 IJU. a.j — Liudl, Bui, Jteglitt. 1&l& t. 3i.

3269/, **VACBOB1VHOX ICfy** (*).

AFIIJbr-I, UIIJMVA MS. III.*

Calycis tttbu« turlnniuii^ tdtUtUtij lut>U ^uln<[ua oluii^aii« Jinc.iri-
 Corolla, tabu longbAimo tojoi i'Uif»rmi, uptcc subdilftUtg. limKi
 1M.CUU» wSLijukli. FUaftant* Diwisrima infra Dusem
 tftiwrta, fchtlKiuc *ub<5ij>crttto lincuryu, Stylun fillfoirmUI

7. Sic ...

exsertus apice clavato hincuris. Capsula et *ihca ruttnntti* demum
 feni toto succedente nuda carUngiru bilocularis infra dimidium semi-
 cide dehiscens, v. r. s apice bilobis, placenta in quavis loculo basali
 conis semilibus imbricatis suborbicularibus complanatis anguste de-
 tis. — *stex?* Brasiliensis: foliis parvis angustis, stipulis intrapeti-
 laribus ft i o liberis ovatis acutatis rigescentibus serrato-laciniis parvis
 pedunculis axillaribus triferis et terminalibus in cymis confertis; pan-
 bus subaxillaribus bracteolatis; calycis lobis patentissimis, corolla extra-
 stercas hirtella, lobis latus hirsutis, lance pilis densis albis vestita, lobis
 inlaji uuilu, — * *senus* habitu inter contribuales pseudo alium in
nor !• et *Erzelenneri* DC. proxime cognatu. ab hoc corolla
 vande elongata, stigmate et placenta, ab illa calyce et placentalique
 t<-rjiunt, ttb ut; J? ntl i iert.

1. ft. • I'UvMULN\jt Miquel, *Linnaea* X^t 1, c. 40. — *Griseb* in . . . illo pro
Stueb Gerat.

3270 # IIV>HAO(IITIOV *Hall.*

(DC. Prodr. I. 428. — *Wyer*, *Report*, II, 30, et 54, VI, 63.)

1. ft. i'iu.): v. *St. Leon*, *plant. tab.* 138, ad. — Folia reticulatis ovatis stipulis
 axillaribus, supra glabris, infra villosis; stipulis lobis ovatis ciliatis, marginibus
 lobis: panula terminali lata, ramis ramosis; floribus bracteolatis pedunculis
 fasciculatis; corolla extra-stercas hirtella, lobis latus hirsutis, lance pilis
 densis albis vestita, lobis inlaji uuilu, — * *senus* habitu inter contribuales
 pseudo alium in *nor* !• et *Erzelenneri* DC. proxime cognatu. ab hoc corolla
 vande elongata, stigmate et placenta, ab illa calyce et placentalique
 t<-rjiunt, ttb ut; J? ntl i iert.

f Icon addenda,

H. SOBIVATUM *Walt.* — (DC. I. . . . c. 303.)

3270/1 neiu>n i *SIA V. ab Ex**.*

(N. »Ji E. LA^~ . . . X^t 700.)

Calycis lobis » tuba longior quadrifida, laciniis linearibus longe
 seciduis. Corolla tubo longo subestriata latus infra medium hirsuta
 habe tubo multiplo breviori quadrifida patente, laciniis oblongis ob-
 sinuatis. Antheras lineares infra faucem . . . caules. Stigma bifidum
 patens, haud exsertum. Capsula chr . . . rularum de
 pressa et sulcata, bivalvis biloculari, loculis > nuAtwjJd mis, va >UI.
 partibilibus.

1. H. COCCINEA *Sess* ab *Kunth*, ! c. 702. — *fral* : fast
 ramulis oppositis cum him *ptih* brevissima vestita. Folia opposita, 5-1
 longa ovata-lanceolata acutata, nervata fere parabolica, absolute quadrifida
 multiplicata
 inflexa integris. Ramuli in ramis terminales ramulis brevissima densi. Flava
 hirsutis, hirtes setosa suffult. Calyx . . . Corolla coccinea, exserta
 bra, tubo fere pollicari latus ut . . . — *Griseb* in *Mexico*.

3271. L i t I L I % 1

(DC. Prodr. • iv. asa. — v *Report*, II, 1 wuM

1.-L. GRATISSIMA *Swe* el. — (II' *est*, VI, 63, no. 1.) — *Pursh*, * *Michx.*
 IX, (c E<)

S: bhh) !5 It All *CLER*. tJ\$ DO.

3280 K NKULIA *Lhm.*

(p . *Rqwt*, II, III, • t HL v. 701.)

1. N. (PNCMUA) SUHISAJttKSStii M.^nL LJootfut MX. !*>• -f — R:; mlla totum
 nli> injii.^!p [ulii, imuiui lu until pedunculisque suprae pubere**] *hinc* *est*

vel ovato-oblongis. **ufctmn** «J ttiw IIIIM^H. hul. . . . m nncifj»,
 > tMd t«*<.irp*» cinctis iinto . *vacina ovata oblongo-
 ;"-4UIK lobis axillaribus linearibus vel ovatis de- aut trichotomis, a g n ^ taB&R-
 sicut, ad divisiones bracteatis, infimis in apicem acuminatis mutatis; corolla calice
 subaequali. 5 — **Crescit in Surinam.**

2. **X. (UNCARIA) AYICU?**
 Calice glabro, lobis brevibus. — Calice vel involucris arminatis, basi ab-
 lobis integerrimis vel hinc & — lobis. (40)
 lobis glabris, subtus foveis 5; — terminale simplicem
 calicibus; pedicellis unguiculatis parvis longioribus et cum his pedicellis ad-
 — **MMWt (4*4* «lrr« UJ.i b»A. aM-r* Wfi** . 5
 — **Iam jubaris ovato integris, epidermide nigra** . 5
 pedicellis 5. — **Qua lrr«**

petalis sep. **I« Jantl^A^.** Petalis 2-4 ped. longa, 1½-3 lata, nervi laterales ad **I fay**
 2-7, lobis c a. Capsulae ple-
 thas ventricosis-fimbriatis, basi sessile situmatas, apice calyce cyathiformi spinoso-
 dentato, circiter duas lines longa tuberosa, vultu dente plicatato calicis, sub-
 capis, nudo genis, in lamina cartilaginea glaberrima soluta. Sensus numeru-
 dentis, ovula nuda scaberrima, nudo subglobosa, ovula paleata argenteo-nigra
 alba, utraque nuda haecum longa. — **Crescit in Africa tropica occidentali.**

2. **X. PLATANOCARPA** Hook. fil. in **Burker**, long. plant. **IV.** tab. 790. — Glaberrima;
 ovata oblongis; foliis anguste obovatis acuminatis, basi saepe acuminatis integris,
 ovata membranacea cinnabarinis fuscis, subtus pallidioribus; pedicellis lon-
 gioribus gracilibus; stip. **JU** , **p** (aria ovata foliis mr) ovata-oblongis acuminatis; cap-
 sulis brevibus pedicellis terminalibus axillaribus; antheris 4 strobis corollae breviter
 ovata-reflexis; filamento antherarum cylindrico; fructibus in syncarpium glo-
 bulosum, speciosa acuminata **t-nr . . f L M I . . .** **5** — **Africa**
 2-4 pedalis. Petalis 1½-3 ped. longa, nervi duobus lata, pedalis 6-8 lin.
 longa. Stipules suprae (volutae calicem) spatiosae 6-8 lin. longae, 2-4 later-
 Capulae ovatae, si corollam parvis ovatis excipias, nudo **Cresc.** calicibus con-
 bracteatis, bracteis palmatis clavatis-integris, 5-6 longioribus interspatula.
 Calyx a seorsum plane liber. Corollae lobis, primis albis, demum inter-
 dentes hypocrateriformes, tubo quinquepartito tubo nudo breviori, lobis lineari-
 oblongis, marginibus laciniatis. Fere lobis barbata. Antheras oblongo-linearis al-
 bidas. Stylis longe exsertis. Stigmata semilunata longa. Fructus in syncarpium (5) 6
 Platani referens dichotomum confert, atamen immixtum in aqua calida facillime
 solubile, apice succosum ignem, vultum membranosum plicatissimum. Sensus plerum-
 ovata rubra, lamina palpata nuda succosissima. **Willd.** ut **ex descriptione H.**
 calata, nec soluta, et receptationem nullo modo pilosam. A **N. Africana DC.** (ex
 syncarpium **Cephalanthi Africana Reichb.**) differt foliis longius pedicellis, aut
 lobis, bracteisque laciniatis. — **Crescit in Africa tropica occidentali Africa, nuda**
 ovam **Quia non Niger, mm**

Tribo* XIII. C W DENIE. *£ A. n ich.

Subtribus II EUGARDENI DC.

3287/1. LKr.OHTIjail. (Wiqs. JUJwt. 1L UI. VI. 71. et 701.)

C. A. COURTALENG (1877) (non) plant. 65. DC.

3288. HIGGINSONIA *Perr.*

(DC. (1843)

L. MEXICANA (Repart. 1. c. no. 1.) — Schleb. IX. 128. —

Psychotria excelsa B. H. Kth. — DC. Prodr. if. MI. M

3293. vivuMOKVVi: Ca

(W)tt. RtrptrL (J. aJil. el \$U. — Oir, I'ruttr, IV. 3T7. -- Cifiiu Mi '• I

I. ST, HK, ID\ U'glit. Icon, liiMf* Uli* W** — Fl
utririfire br<rher acutuuiiir.. < .jiucd* kiii4i>i *?m
(iixoumin milljj. ullUifbu*, cAMfaelta ortrt>l
cluila obtiiM. vorull.tf luluiiii i IILAMJ—atifci c<nit
nnu innuln lulm tijmluj irntrtn t<. CUM Hi***, B*

obtusis versus basin villosis; antheris linearibus capsulatis; ovario biloculari loculis
multiovulatis.

(DC. Pr. jr. tv. rt. — w>i- >>>*c*. fl. n H MI v. 11. et 702.)

I. * ; (RANDIA DC. Pr. li IV. XV LONGISTVLA Hook At*. 3b.

1, C. MJJ 111. I i, rivCXifv. t, 4>T, — YH Hrrjtt, Fhm d-
tub. Jill. — falff* okot*t>-LufntlulB tt-wmimati* gUWw> hi

mutis; floribus solitariis subterminalibus vel in axillis dichotomicarum speciosis; in
lysis tubo fere obsolete saepe liberis antheris, laciniis longe subulatis et
flexuosis; corollae (albae vel ochroleucae) calice paleoventri-lanceolatae tubo elongato
et ampliato latissime campanulatae, limbi marginis lobis ovato-retundatis pro-
fentibus; antheris inclusis; stylo superius flexuoso exserto, stigmatibus maximis
form. h -- Stain I^wt

3, <; Vytll l-l ll^ii*- *L *• B<A. lei*. fUr.t. liW. T^L — I>rt>l<

oblongis breviter capsulatis, capsulae acuta vel obtusa, basi acuta vel breviter con-
daliu lin <.i. den ram>). margine integro repanda rigide membranacea, valde pallida

libos solitariis sessilibus; corollae tubo gracili superius leviter ampliato, limbo quatuor
partiti laciniis late linearibus; stylo et staminibus basi exsertis; foris circa lim-
tura) cylindraceo-fusiformi, limbo cal. cis tubuloso spere quadrangulato pluries in-
giure. h — 1 *Ji>* — >> poll. longa, 1-2 1/2, poll. lata. Al basi cordata, breviter
petiolata, et limbo acuta, petalis 1-5 lin. longe caeruleis, reticulato-venosis, venis
nerviisque lateralibus utrinque rursutatis. Flos 6-7; 1*1 I ;> MM M
limbum calicis tubuloso — stria superiore, laciniis t. IV, 1- *i \ ml ft

viuilibus. Genua et structura in locis desideratur. In fore unico suppetenda
callipos huius tate inquirenda. Altra (sicut) crassitie digni, sed natura veritate
dico Ihu.

4. G. NITIDA Hook. Bot. Magaz. t. 434. — Inermis glaberrima; foliis oppositis ternatis
submembranaceis late ovato-oblongis lanceolatis acuminatis petiolatis subulatis
atpulis late ovatis acutis; floribus terminalibus solitariis sessilibus; calice tubo cy-
lindraceo crassato, limbo 5-partito, laciniis obovatis foliaceis paleoventris tubo longi-
longis, corollae tubo brevioribus; corollae speciosae albae tubo cylindraceo
poll. longo), limbo septempartiti laciniis oblongis tubo reflexis marginebus rursutatis
staminibus 6-7 laciniis; stylo exserto apice bifido; stigmatibus caeruleis bifidis
— In Sierra Leone.

Icons addendae.

(J. FLOMMA Ua——ll< i v. no. 1, — | .41. Um* m^m
(L LAHPOLU M — 10t. I C.IMK ^, ii.i — tt'bt. Inat.1

880L owiMiis w.

(DC I'rodr. JV. 3:C, — Hftttfc R<pttfc *<. S>. VI. T(i, et 702.)

1. CU IORMOSIIS JlnnJi. fil. In Himk. Ir.mr* plant. Ud. T8J. — Glaberrima, rursu-
ca! !<itt nfa<*n> i fotite mayaii bnrtiDf [n-iluUiii ifbl-u'is, l>rcviter roncinnata
finesculla, basi obtusis vel leviter cordatis; stipulis lanceolatis petiolo subulatis
glutibus; vorymbis axillaribus multifloris ebracteatis; pedicellis <+> 2-4

Ordo CXII. DIPSACEAE Juss.

(DC. Prodr. IV 043. — WJprs. Repert. bot. s>*t II. 532 VI. 84)

2190. **UIORIVA** *Toinntf.*

(DC. Prodr. IV. 042. — Wlprs. Repert. II 532. VI. 84. et 702.)

1. «M. LONGI OLIA Wall — DC. 1. c. 644. — WJprs. 1 c. VI. 84. no 1 — Allu de la soc. d hortic. de Gand HI. 109. tab. 127.

2191. DIPSACUS *Tournef.*

(DC. Piodr. IV. 645. — Wlprs. Repeit. II. 532)

- 1 •• D. W YLhXRI Am. — (Repeit. II. 532 no. 1.) — Wglit. Icon, plimt. t M '

Ordo CXIII. CALYCERAE R. Br.

(DC. Piodr. V. 1. — WJprs. Repert. bot. &,yst. VI. 87. *II. bJ7)

3035. CALYCERA *Rich.*

(DC. Piodr. V. 2. — Wlpris. Repeit. VI. 87)

1. **C PULVINAT*** Remy, Ann des sc. mtui. (3, Ser.) VI. 352. — Acaulis lulis subdiscoideis, giosse scatis gUhemmis, capitulis in orbem conpalcis lungis spatulatis atutis. 2\ — Radix crassa sublignosa simplex, lulis. I olia omnn radicalia radicantia, super ten am expansa glabeiinn subil vel subcllipsoidea, giosse scrrata petiolata pinnatinervu. conacca, petiolo sesquipollicem cir< itei lon^o compresso, 3—5 ner^ia, basi dilatata coilita. in orbem glomerata pulviaata sessilia, m petiohs ob sutuiatn peduncuU impos bracteata, involucro proprio tincta, bia< tea subscauo<:a spathulata dentata lucium profunde 6—7 lobum scariosum, lobis subovahbus inaequalibus gl> dentitis nervosis, juniore statu vuescentibus. Receptaculi plana areol »ti paleis glabris, junionbus line mbus, apice herbaceo clavatoque acutts, dem riosis lationbus integns subdenticulatisve, floie lon^ioiibus. Flores dissimiles. — Herba floubus albis. habitu *Cirsn acaulis*. — Crescit m provincta Carangas in lotis vulgo Grand plateau des Andes, et ciita Potosi.

Ordo CXIY. COEFOSITAE *fdlltpi*

(DC. Prodr.

WMII-III I. *Ti'WCMtWFMiOHjiK KndL*
Tribns I VEILXOMicEAE Leasing.

Schribus: *VEILXOM*

Dim* t EUVERNONIEAE OC •)

Schribus

2196. *varat. non)*

CONDENSATA C. B.

capitula (Bip.)

219

ODONTOLOMA ACUMINATA * t; a u. n. tth, — *OLUUMHES VCLKIXJI* C. B.

Schribus (Bip.)

2197. *OLIGANTHEAE* *Cosmii.*

CONDENSATA C. B. Schribus (Bip.) l. c. — *Epipactis condensata* Rich. —

Capitula I.—4-Bacc. Involucrum cylindricum, acule ut in *FVn*a>*
interioribus imbricatum. Receptaculum unicum. Stylus et anthraxae
Achrasia barbata costulata, calva v. pappo paleacea munita v.
baccata. Achrasia barbata costulata, calva v. pappo paleacea, interiore
baccata coroniformi v. biseriali, exteriori brevi paleacea, interiore
palea linearis-complanata ciliato-crenulata apicaliter toris composito
l. 2.—10. — Fructus *Chilago mexicana*: corymbo supraterrae
foliis plerisque alternis ovato-lanceolatis, pl. acuminatis penul-
tis, pl. cum ramis infra subferrugineo-tomentosis.

CONDENSATA C. B. Schribus (Bip.) l. c. — *Epipactis condensata* Rich. —

CONDENSATA C. B. Schribus (Bip.) l. c. — *Epipactis condensata* Rich. —

Subgen. II. *ODONTOLOMA* H. B. Kth. — (DC. Prodr. V. II.) —

Capitulum uniflorum, achrasium pappo coronatum universaliter paleaceo.

Subgen. III. *DIESTRA* H. B. Kth. — DC. l. c. 7C. —

Capitulum uniflorum, achrasium pappo coronatum universaliter paleaceo.

CONDENSATA C. B. Schribus (Bip.) l. c. — *Epipactis condensata* Rich. —

Subgen. III. *DIESTRA* H. B. Kth. — DC. l. c. 7C. —

Capitulum uniflorum, achrasium pappo coronatum universaliter paleaceo.

CONDENSATA C. B. Schribus (Bip.) l. c. — *Epipactis condensata* Rich. —

Subgen. III. *DIESTRA* H. B. Kth. — DC. l. c. 7C. —

Capitulum uniflorum, achrasium pappo coronatum universaliter paleaceo.

CONDENSATA C. B. Schribus (Bip.) l. c. — *Epipactis condensata* Rich. —

Subgen. III. *DIESTRA* H. B. Kth. — DC. l. c. 7C. —

ibigeo. IV. RUUGANTnrcs C. H. Scholia (B.p.) I. t. — Cap...
Pollalenta !L II. Kth. — Casaint.

A. Species macrophylla: folia 4 — 7 pollicaria, 1 1/2 — 2 poll. lata.

4. O. MACROPHYLLA C. H. Scholtz (Bip.) l. c. 202. — C-JHUIH J-M***1*
petiolata elliptica... — f- pilaid t' —

5. O. TRIFLORA C. a. S.-J.: (Bip.) l. c. 201. — Pollalenta ternaria...
Willd. ITrrtp. 10114.

6. O. SCHRÖBERGII 11 *A «. SchnlU tfti...
riu<f ht m p*lr i

7. O. KARWINSKII C. H. Scholtz (Bip.) l. c. 201. — Capitula 2-3...
•ttlaqw scatis, l) —

(DC. Prodr. V. 12. — U'tpn. Report. II. 535. & 511.)

1. E. ... Zollinger, Flora (B. 2.) 1547. p. 225. — Suffrutex...
•b««tfel:fi*, Jfttaut H rvHtr
•tlll nu'HIJ-
Mi-mi' M>. HO' B. m

Sedibista IF. U > •ROCC •Hi'it: D U.

2594. VERNONIA Schreb.

(DC. Prodr. V. 711. 20. — Report. II. 535. & 702.)

1. (Vernonia) USIFLORA C. H. Scholtz (Bip.)...
unit ti ^'...
«*4 — wJ*» MfcMMIn «rv«i

2. V. /Lz...
Ma** B

capitula, obovata...
capitulis 10-12...

nu squamis ovato oblongis obtusis puberulis, achaemo hirtio, callo bisilan ma* pappo bseriali, serle extenore brevi, strammaea, corolla (Ubtnte i) glabra, supernit glandulosa \) — Affinis *V cordatae* H R Kth, cujus capitula etiam 11 florã sed notis indicatis diversissima. — Cre&cit in Cafctal iundador insulae Cubae

- ³ V SCIOMBURGKIANA C H SchulU (Bip) 1 c. 509 — Caule tereti striato to mentobo, ad apicem usque dense foliato, cyma scorpioidea terminato, folus ad apicem usque confertis, supenonbus cymam fere superantibus, breviter petiolatis elliptico lanceolatis conaceis, utnque attenuate integemmis, margine revolutis rcticu latis, supra glabre¢ibus mtldis, infra plhs <orpore globoso orlentibus sparse ob sitis, petioll 2 lin. longi, articulatum turn caule insert!, cymae scorpioideaeaphyllae capitula sessiha, 11 flora, receptaculum nudum, involucri squamae acuminatae pubescenti hirtae, supcrne siepius purpurascens, flores glabn purpurei, achaema, tur blnata pilosa, pappus biserialis albus, sene extenore brevi paleacea, paleis oblongo linearibus cihatis, Intiore longa caduca, setis hnearvcomplanatis, denticulato ciliatis, ad medium angustionibus, subteretibus et sublntegris, interne et superne dilatatis 6ubclavatl& antcnaeformibus

a. *eUptica*.

§. *lanceolata*,

V ehretifoliae Benth. affinis esse videtur, sed dffert caule non villosio tomentoso, Bed dense sordide tomentoso, folhs elliptico lanceolatis acutis, basl obtu&is, supri glabrescentibus, infra pilosis, et etiam *V. frangulaefoliae* H B. Kth, a qua differt caule conferte foliato, folus glabnonbus cymam 6ubtnvolventibus — Crescit in Guiana Anglica prope Iloraima.

- ¹ V. MORITZIANA C. H. Schult* (Bip) 1. c. 511. f — Ramis striatis pubescentibus, folus breviter petiolatis oblongo Ulipticis, utnque acutis, subintegemmis, supra seabns, subtus imprtssio punctatis tt sparse hirtis, cymis &corpioideis, terminilibus Ion Sk>, rapitulis axillaribus 23 — 24 (Ions geminis vel solitariis, ses&ihbus, folio florah niulto brevioribus, involucri campanulati squamis triangulari ovato oblongis obtusis, praecipue exterioribus murrionatis, subciliatis, corollae lobis hirtis, achaenio hirtio, luppo argenteo, extenore brevis paleaceo, intenore setoso subautennaeformi subca duco t) — Crescit in Columbia, provinci i Caracas

V DECANTHA C. H. Schultz (Bip) 1 t 512 f — Herbacta caule tereti tomentoso hirtio, folus brevissime petiolatis ellipticis membraniteis subintegris, &supra glabra, infra hirtio scabns, cipituhs 10 flons in avi foliorum ptrfettorum sessihbus raro gtmnis, approxim itis, involucri turbmati pubescentis squamis acuminatis, pappo brevioribus, ichacnio hirtio, pappi albi sene extenore paleacea brevi \) — Crescit in Guiana Anglica prope Roriim i

V EHLNBEHGIANA C H Schult/ (Bip) 1 c 513 f —! Herbacea caule ten it *truto pucescente subpurpurascens foliato, apicc corymboso, folus oblongo Ulipl ^8 conaceif, brevissime petiolatis penninervus integris rugosis, supra scabris, mfrt fitro pubescentibus et punctis felandulifens munitis \) — Affinis F, *inulaefulme* vregid — Ciescit in Mexico, Barranca pr los reyes.

V CHRYSOPHYLLA Gardner m Hook Loud Journ of bot VI 417. — Tota rufescenti senceo villosa caulibus e rhizomate lignoso pluribus simplicibus teretibus sulcatis, aplice compressis subnudis, foliis sessihbus obovato oblongis obtusis subcrenatis, cymis scorpioideis contractis oli^otephalife aphyllis, cipitulis cirtiter 20 flons, inven campanulati squamis lmeari lanceolatis acutis tnnervibus, extus villosis, achae ^8o dense serlceo villosio, pappi senc extenore uiternam subaequante. — Hcrba I — % \u dilis Folia 2 — 3 poll, longa, pollicem lata, conacca, supra appresse pilos villosa subtus villosio lauata Corolla glabra violacca. Pappus albus, involucrum ^ulto superans — Affinis *V swiplici* Less — Crescit in Brasillae prov. Goya^ ^d Chapada de Mangabeira.

V ^UNGENS Gardner 1. c. 418. — Caule basl suffruticoso erecto paniculato ramoso ter<U stnato appresse cmereo pubescente, folus sessilibus linearibus acutis apiculat<, margmi integris, vftude revolutis, supra adpresse pubescentibus, subtus senceo

tomentosa; capitulis ad apicem ramorum longe pedicellatis. J — JI*tt**I
 aquatis glaberrimis lanceolatis acuminatis multiseptatis, receptaculo paleo, setis
 densis sericeis villos. Pappi **acti* rn-iitt** angusta palea # «au- 2 — Seta
 lex 1 — Folia **3** poll. longa, 1 1/2 lin. lata. Corolla violacea glabra. Pappi
Tmtrttwt* — Crescit in **la** Brasiliae prov. Goyaz ad Villa de Arrajas.

9. V. MONOCEPHALA Gardner l. c. — Caulis herbaceus strictus simpliciter striatus, dens
 lanuginoso-tomentoso usque ad **a.i* rti i** foliis brevibus late ovatis serratis
 latis, utrinque adnatis subcrenatis membranaceis, supra scaberrimis, apice pilis
 rubris villosis-tomentosis; capitulis magis multilobis ad apicem ramuli sessilibus
 apiculatis; involucris campanulatis squamis subrotatis sericeo-oblongis obtusis, extus ad
 basin, marginis dense ciliatis; corollae lobis extra pilosis; achaeniis striatis sericeis
 10-jalatis rotatis, pappi serie exteriori paleosa acuta, achaeniis dupli brevitate. 2 —
Ur.W. 1W — 2-petalis. Folia 2 — 3 1/2 poll. longa, 2 — 2 1/2 poll. lata, pinnatis
 venis subtus pinnatis **ti>iii.** Capitula pallidum luteo. Corolla violacea. *****
 quiescente. Pappi **acti* rti i** — Crescit prope Arrajas in Brasiliae provincia Goyaz

ML V, E3US£5-H U.^Ur^. D>><<<<<< sem. in hort. bot. Bielefeldensi 1842, vultu
 reflexo tereti striato; foliis elongatis lanceolatis lanuginosis acuminatis, ut
 breviter serratis subseriatis, serratis, serratis peragatis palea apice sub
 curvis; capitulum crassa subrotata, basi villosa lutea, capitulis sericeis palea
 calata, extus subcrenatis multilobis; **my** dactylis campanulatis-cylindricis, in
 foliis ovatis subrotatis breviter serratis, calicis acutis, fructibus glabris
 latis emittit reddens-punctatis, pappi trilocari longioribus apice campanulatis
 — Caulis 6 — 7-petalis. F. pinnatis DC. proxima specie, cujus folia apice
 latis, in venis breviter producta, basi e venis longe serrata, in pinnatis
 alatum quasi decurrentia, capitulum crassa depressa subrotata, capitulis
 parte saltem mixta, primis sive centralibus striatis, capitulum exterioribus pediculis
 striatis, involucris hemisphaericis, foliis acutis, fructus longioribus et pappi
 apice vix conspicuo **tUmU** — Crescit in America boreali.

11. V. SQUAMOSA G. — Caulis suffruticosus strictus tereti striato
ktotiiiv*, **•**<>** **jwrr<** **tw^wi** Mite « « U * **lip C**
 utrinque attenuatis, **•pit * MM*s twirt*f*. **r'** acutis, subtus breviter
 tolos ******* L***P B 1 H b. * ^ Hf i ** H s** ******* A * ^ I** glabris 2 — 4-folis
 villosibus vel extra-villosibus, foliis linearibus breviter serratis, squamis
 striatis **iii. i>hn,i** **i HI JirM liH itMBII 7\|**
 calice **>|ahri** **TaBt Wfl ..<*** interna ad apicem
 clauso. — Setae **acti* rti i** — Setae **acti* rti i**
 in **i-nin p** provincia Goyaz prope Villa de Arrajas.

12. V. RESINOSA Gardner l. c. — Caulis suffruticosus tereti striato, ad apicem
 lanuginosus, apice pedicellato-ramoso; foliis breviter petiolatis, basi utrinque
 latis, utrinque puberulis et creberrime mucis resinoso-punctatis, capsulis
 linearibus, ramis brevibus, capitulis ramosis ad axillas sessilibus
 multilobis 10-folis, foliis linearibus serratis; involucris cylindricis squamis
 villosis, extus ad apicem resinoso-punctatis, internodiis linearibus oblongis acutis
 basi; corollae lobis extra pilosis; achaeniis sericeis villosis, pappi serie exteriori
 latis. 2 — Setae 2-4-petalis. Folia 2-2 poll. longa, 4-5 lin. lata
 venis, venis subtus pinnatis, supra viridis, subtus pallida. Corolla violacea. Pappi
 albescens. — Crescit in Brasiliae provincia Goyaz inter Arrajas & San Bonifacio

13. V. EBRETIAPOLIA Gardner l. c. 49. — Caulis suffruticosus strictus ad apicem
 monu, ramis elongatis subflexuosis angulato-striatis subpiloso-puberulis foliis
 subseriatis basi obtusis, apice acutis mucronatis subcrenatis dentatis
 necis, supra glaberrimis scabris, subtus pubescentibus pallidis, grossis
 capitulis ad axillas foliorum secus ramos subrotatis multilobis 1 — 4-folis
 multilobis sericis 20-folis; involucris squamis exterioribus sericeo-oblongis
 acutis, ad apicem longe ciliatis, interioribus lanceolato-linearibus acuminatis
 acutis.

innervibus, achaenio glaberrimo decemstnato, pappi seile exferna brevl&lma palea
 Cea; apice erosa. ZJ — Suffrutex 3 — 4 pedahs. Folia 2 — 4 poll, longa ,1____2
 P°H lata, supra mtid i. Corolla vioheea glibra. Pappus sordidus. — Crescit m
 Brasilia* provincia Goja/ in sylvis prop** Arriyas.

¹ V. OLIGOCEPJIALA Gardner 1 c. 420. — Suffruticosa, tota cinereo tomentosa,
 aP>ce ramosa rimis teretibus stnatis, folus breviter p*»tiolitis oblongis, utnnque
 °btusis vel ovatis, basi subcordatis apiculatis integernmis, utnnque villosa tomento
 kos et Tesmoso punctttis, capttulis axilluibus sessihbus solitirns 40 floris, invohien
 nemisphaenci squamis imbcnatis patulis acumin itissimis dorso villosis, achaenio
 sericeo villosa, pappi sene externa palcaci a brevi 2^ — Bipedalis, folia 2 — 2%
 poll lon^a, 9 — 12 hn. lata. Corolla violacea glahra. Pappus albidus. — Crescit
 n Hi isihae prov. t<ova/ pmpe Villa de Arrayas & villa de Natmdade.

V. GHAMINIFOLIA Gardner 1 c. 421. — Suffruticosa caule erecto, apice parea
 tamoso glabnuscule tereti valde stuato, fohis longe lineanbus apiculatis, margine
 uitc^ernmis, valde revolutis glabns, supra grosse reticulato venosis, >enis pro
 minuhs, subtus impre&so punctatis, ranits flonfens paucis subscorpioideis, CH
 l'ituhs extra axillaribus solitaris sessilibus 40 (Ions, uivolucris cimpanulat aquamis
 Joiso pubcrulis ciliatis, exterms oblon^o lanceolatis acutis, mtimis lineanbus obtu
 b'is, apice coloratis, achaenio stnato piloso, pippi sene externa subpaleacea acuta
 brevi. 2λ. — Bipedalts, folia 4—10 poll, longa, scsqvihneam lita. Corolla violacea
 glabra. Pappus sordidus. — Crescit in Uiasiliae pioy Goyaf prope Villa de Ai rajas.

V. £LEGANS Gardner 1. c. — Suffruticosa erecti ramosa lamis teretibus striatis,
 parce araneoso tomentosus, folus subsessilibus hnean-lanceolatis, utnnque acutis,
 roargme revolutis integernmis, supra glabnuscuis nitidis, subtus cinereo tomentosus,
 trosse reticulato venosis, veins glabnuscuis, ram is florid is gracilibus subscorpioi-
 ^eiu, capitulis ad axillas foliorum sessilibus solitarus, folio multo brevionbus 12 flo
 rus, uivolucris ovatis squamis dorso puberulis, exterms ovato ellipticis mucionatis ci
 liatis coloratis, intimis lineanbus obtusis, achaemo senceo-villosa, p<vi>i sene ex
 t'ina subpaleacea lint in acuta, icnaemo longiore Z| — SulTrutex 2—2^—peddlij.
 lolial'/.—3 1/2 poll, longa, 4—6 lin lata, supra viridia Corolla violacea glabra.
 Pappus sordidus. — Crescit in lirasiliae provincia Go>a/ sinuil cum praecedente.

V. MISSIOMS Gardner 1. c. 422 — riuticulo&a erecta ramosa cinereo timentosa
 ramis teretibus valde stnatis, folus stssihbus oblongis obtusis calloso apiculatis,
 baM cuncatis, marline calloso dentatis, utnnque villosa-lanatis, supra demum glabra-
 tis scabris pennivenus, veins utnnque prominulis, ramis flondis vix scorpioideis;
 capitulhs axillaiibus sessilibus solitarus vel gemims, folio longionbus vel id subae
 Quantibus 12 flons, involucn ovatis squamis dorso villosa tomentosus rtsiuoso glaudu
 lo&o pnnctatis subpungentibus, exterms lanceolatis ciliatis, uitimis linca lanceola
 tis i corollae extus glanduloso punctatae lobis ad apicem pilosis, acbaemo creberrime
 tubro resinoso-glanduloso, pappi stne t externa an^uste paleacea brevl 7|. — Bipe
 dalin, folia 1 1/2; poll, longa, b—7 lin lita Corolla violacea. Pappus albidus —
 f rebcit in Brasiliie prov Govaz ad Missionem Duroenstin

V. 1) VALLIAEROLA Gardner 1 c. — Suffruticosa raims teretibus utriatls sublanu-
 tmoso tomentosus, folus sessihbus oblongis vel ovato oblongis obtusis, basi subcor-
 datis vix crenato subdenticulatis membranaceis, supra glabns, subtus villosa subto
 mentosis pennivenus reticulatis, venis utnnque prominulis, rarais ftondis subscorpi
 oideis, capitul sessihbus soiftarus extra axillaribus folio florah brevionbus 40 flon»,
 mvolucn campaulati squamis dorso puberulhs, exterms ovatis acutis, vntimis hnean-
 liu<*> acummatis oWusis; corolla glabra, athaemo dectmcostato, basi pilosulsculo
 Ca<-teris sparse resinoso punctatis, pappi sene externa paleacea at uta, achaenio bre
 vionj. 2J. — Subbipedahs, folia 2%—3 1/2 poll 1011,5a, 12—15 hn. lata. Corolla pur
 purea Pappus bordidus. — Crescit in Brasiliae prov. Goyaz ad Villa de Arrayas.

V. HOVEAEFOLIA Gardner 1 c. 423. — Glaberuma caule suffruticosa erecto la-
 mo<»» tereti, ramulhs subangulatis, folus brevitei pctiolatis, late hneanbus, utrmqu<
 obt<»»is vel leutis, apice br>ritcr apiculatis vel submuticis intpgns conacels penm

- venils, utrinque eleganter reticuiatis, ramis subscorpioidels, capitulis ad axilla* foliorum secus ramos sessibus solitariis vel geminis, folio florali brevibus 10—15 ns, involucri ovatis squamis squarrosis glaberrimis ciliatis, externis ovato lanceolatis acuminatis, internis lanceolato linearibus longe acuminatis, corolla glabra, achaenio decemstrato sericeo villosa, pappo sericeo externa paleacea acuminata, achaenio villosa. 2j. — Suffrutex 3—4 pedali*. Folia 2—3 poll, longa, 4—7 lin lata, sub Impresso punctata. Corolla purpurea. Pappus stramineus. — Crescit In Bra* prov. (jovai cum praecedente).
20. V. LEIBOLDIANA Schlichtdt. Linnaea XIX. 742. f — Fruticosa?. ramis angulatis tenere tomentosis, foliis brevissimis petiolatis firmis ovato-ellipticis basi obtusis aut obsolete cordatis, margine scabro revolutis, supra glaberrimis, dense et appresse albo tomentosis, capitulis congestis terminalibus subsessilibus breviterve pedunculatis multifloris, involucri squamis pluriserialibus bracteatis, exterioribus rigidioribus, nervo medio prominulo, apicem versus Interioribus angustis, omnibus acuminatis sordide dense pubescentibus, corolla glandulosa) et achaenio glaberrimis, pappi senibus latitudine non distinctis squamis. — *Leiboldia ovata* Schlichtdt. mss. — Arete affinis *V. arctwid* scit in Mexico temperata.
21. V. SALVIFOLIA Wght. Icon, plant, tab. 1079. — Fruticosa tomentosa. foliis anguste lanceolatis, supra glabris, infra dense albo-tomentosis, corymbis terminalibus terminalibusque nudis v. foliis paucis dispersis instructis, dense aggregatis subsessilibus multifloris, involucri campanulato torulosis squamis lanceolatis subacutis apiceque subcallosis, achaeniis glabris subquadralibus, latribus resinosis punctulatis, pappo exteri paleaceo. — Crescit In orientali ad Courtallum.
22. V. *Inantkaea*) TMANTHA S. Schauer in Linnaea XIX. 714. — Caule fruticoso ramulis teretibus cum petioli pedunculi & pulverulento tomentosis, foliis brevissime petiolatis obovato oblongis, basi acuminatis, apice acutis mucronatis remote et argute denticulatis, supra nitidis, pube subtili afflatis, subtus pulverulento pubescentibus, utrinque glandulosis punctatis, panicula terminali bosa parva, capitulis pedicellatis trifloris, involucri squamis triseriatis, laxe ciliatis obtusis ciliatis, exterioribus brevibus ovatis pulverulentis, interioribus longioribus lanceolato oblongis, praeter apicem pulverulentum glabris costato, valliculis puberulis, pappo setoso scabro, setis exterioribus brevibus. Crescit ad Zimapan.
23. V. ASCULBOUNIANA S. Schauer !. c. — Caule tereti striato cum pedunculis, foliorumque reti subtus ferrugineo-tomentoso; foliis brevissime petiolatis lanceolatis utrinque acuminatis subintegerrimis, margine revolutis, supra rugosis et hirsutis utrinque venosis et in patina subhirsutis, paniculae corymbosae patentis ramulis ciliatis, cymis scorpioidibus bifidis, capitulis approximatis sessibus 10—12 involucri squamis brevibus ovatis mucronatis obtusisve, margine villosis, pappi extima brevis vix paleacea. — Proxima *V. Haenkeanae* et *V. lanceolaria* affinis *V. pellitae* H. 13. Kth., sed praeter alia jam capitulis 10—12, nec distincta. — Crescit in Mexico.

f Icones addendae*

- V. CONYZOIDES DC. (Prodr. V. 23. no. 58.) — Wght. Icon, plant, t. 829. 1079.
 V. MULTIFLORA Less. (DC. 1. c. 31. no. 92) — Wght. 1. c. t. 1084.
 V. NEILGEIERRENSIS DC. (1. c. 32. no. 93.) — Wght. 1. c. t. 1078.
 V. PECTENIFORMIS DC. (1. c. no. 90.) — Wght 1. c. t. 1077.

2205. DECANEURUJFI DC. (nee alior.)

(DC. Prodr. V. 66. — Wlprs. Repert. *II. 541. — *Gymnanthemum* Cassin. — Repert. II. 948.)

1. D. (GYMNANTH MUM) COURTALLENSE Wght. Icon. pi. tab. 1081. — suffruticosis erectis ramosis scabris, foliis in petiolum attenuate ovato

¹⁰ ~~lino~~ B mucronulato denticulatis, supTa giabrls, Infra mollter albo tomentosls, pri
¹¹ ~~men~~ homogene abls, demum reticulvtis, peduncuhs axillanbus monocephalis, capi-
¹² ~~l.~~ ¹³ ~~is~~ hnceis plunmis ovatts obtusis trtnemis mucronatis artte appressis Involucra-
¹⁴ ~~lis~~ > involucris squamulis intenonbus membranaceis glabris, bracteas superantibus. 2J.—
¹⁵ ~~Cf~~ escit in India onentah ad Courtallum.

f Icones addendae.

¹⁶ DIVERGENS DC. (I. c. 68. no. 12) — Wglit. Icon plant, t. M84.

¹⁷ OLLE DC. (I. c. 67 no. 3.) — Wght. I. c. t. 1082

KETICULATUM DC. (I. c. 66. no. 2) — Wb>ht. I. c. t. 1080.

¹⁸ HtTtJNSE DC. (I. c. 67. no. 5.) — Wght. I. c. t. 1083.

2206. CYAKOPIS Blume.

(DC. Prodr. V. 69. — Wlps. Rcpert II.* 541. et 949. VI. 98.)

DECUKUENS Zollinger, Flora (B. Z.) 1847. p. 528. — Herbacea multicaulis:
 lulus radicuibus rosularus ovato rotundatis seu feuborbiculanbus, obtusis, basi longe
 m petiolum decurrentibus, caullms ovatis seu ovato obloigis acutis taeterioque mu-
 tronato denticulate, supra pubescentibus, subtus praecipue tn venls villo&is, invo-
 lucn squamts lanceolatis carinatis tri&titis, flonbus bievionbus, capitulls corym-
 i'osls. 2J. — Crescit ad rupes raontcuH Arak Arak prope Detiukt lit Java.

2218 STILPNOPAPPU & Martins.

(DC. Prodr. V. 69. — Wlprs. Repert. • II 541. VI. 98.)

¹⁹ T. GLOMERATUS Gaidner in Hook. Lond. journ. of bot. VI. 423. — Suffruticosus
²⁰ fectus versus apicem dichotomo ramosus. rams tcretibus Stuartis araneoso tomen-
²¹ ~~is~~ fohis sessihbus lineari lanceolatis atutls, basi obtusis, margne subrevolutis
²² ~~lt~~ <=5Ts, supra glabris nitidis, subtus dense cinereo tomentosls, capituh 1—3 axil
²³ ~~l~~ ²⁴ ~~nbus~~ vel ad apicem lamulorum sessihbus diccmflons, involucris flonbus breviorls
²⁵ ~~st~~ ²⁶ ~~juaniis~~ tnsertatis, exterms ovato oblongis subfoliacus obtusis, utrinque tomentosls,
²⁷ ~~v~~ ²⁸ ~~timis~~ linean-oblongis acutis trlnervibus labns 2j. — Suffrute\ biptdalls. Folia
²⁹ ~~3~~ — 3 ³⁰ ~~longa~~ ³¹ ~~h~~ — 9 hn. lata. Corolla glabra violacea Athaemum turbinatum
³² ~~ac~~ ³³ ~~cemcogatum~~, sulcls dense senceo-pilosu*. Pappus duplex peishtens lucens albl-
³⁴ ~~at~~ ³⁵ ~~pdleis~~ externis circiter 20 lineanbus acumlnatis strulatis, inttmis duplo longio-
³⁶ ~~ribus~~ complanatis acuminatis senulatis. Receptaculum fimbriiJlifeium. — tre&cit in
³⁷ ~~Brasiliae~~ prov. Goja ³⁸ ~~p~~ ³⁹ ~~tope~~ Nossa Senhora d Aliadla,

⁴⁰ T. EMARGINATUS Gardner 1. 424. — Fruticosus Tamosus' ramuhs angulatis cine-
⁴¹ ~~ro~~ ⁴² ~~velutino~~ tomentos /oliosis florifens, talus petiolctis tonatcis obovato-ellipticis
⁴³ ~~ve~~ ⁴⁴ ~~oblongis~~, apice profunde emargmatis/basl obtusis vel acutis jintegernmis, juniori-
⁴⁵ ~~cus~~ utrinque ferrugineo velutims, demum glaberrinns ct crcberrme minute reiinoso-
⁴⁶ ~~P~~ ⁴⁷ ~~ctatls~~ *pentnveils*, capituh secus ramot extra axillanbus solitaris se&slibus 13-
⁴⁸ ~~cor~~ ⁴⁹ ~~is~~, Involucris flonbus brevions squamis tn&enatis, exterms ovatis obtusis, intlmis
⁵⁰ ~~at~~ ⁵¹ ~~linearibus~~ obtusis trinervibus, utrinque ad apicem extui resinuso subtomtntosis,
⁵² ~~Cieterls~~ glabris. γ — Folia 2—3 poll, longa, 1—2 poll, lata, utrlnqut puli lire u M
⁵³ ~~ulata~~. Corolla glabra >iolacea Achaemum turbinatum decemcostatum, fculi is
⁵⁴ ~~dense~~ senceo villosis. Pappus duplex, peislstens lucens, paleis linear! compl uatls,
⁵⁵ ~~exterms~~ obtusis enervils ad apicem lateratis, intimls tnplo longionbus unincrvhs,
⁵⁶ ~~marginis~~ serrulatis. Receptaculum fimbriiiferum. — Crescit in Braslliae provlncla
⁵⁷ ~~Goyaz~~ prope Villa de Natividade.

⁵⁸ T. RIEDELIANUS Gardner 1. c. — *Vernonia Uxtdliana* Gardner. — (Repert. VI*
⁵⁹ ~~92~~. no. 20.)

2219. vacat, nam

⁶⁰ ~~DISCOLOR~~ DISCOLOR H. B. Kth. = OLIGASTHES DISCOLOR C. H. SchulU
⁶¹ ~~(Bhont.)~~

2220. HIOXOSIS DC.

(DC. Prodr. V. 77. - Wlprs. Repert, II. 642. VI. 99.)

* to< WIGHTIANA DC. I. c. 78. no. 1. — Wght. Icon, plant. 1.1085.

Subdivisio III. ALBERTIXIEAE DC.

2224. ALDERTIXIA Spr.

(DC. Prodr. V. 50. — Wiprs. Repeit. *II. 542. VI. 100.)

I. A. (*Amotichia*) GOYAZEJNSIS Gardner in Hook. Lond. Journ. of bot. VI. 425. truticos i ramosa: lamib teretibus striatis Linereo velutiqis, fohis breviter p late ovato elliptms obtusis, basi aiutiusmlis mtegerrimis, supra ^labns, &abul piesse cineieo velutims, iummis oblongis, cipitulis millions, dense in glomer confertij,, involucln squanns hberis hnrinbus uninerviis, exttruis obtuse, c^tus si&sime linuginosis, mtimis duplo fere longioribus acutis, extus ad apicem resin glanduloso punctatis, achaenio pilosiusculo. V) — Irutex G-pedalis. Folia *— poll, longi, 2%—3 poll, lata conacea pcnmvenia, venis subtus prommulis. glabra violacea. Achaemum turbinatum, obtuse decemcostatum. Pappus tnsel Btramneus, setis omnibus angustis acuminatis scabndis, serte extenore trip brevior. — Affinis *A. palhdisetae* DC — Crescit in Brasiliae prov. Goyaz p Villa de An ay as.

Divisio II. ELEPHANTOPEAE Cassini.

2231. KLEPIIAKTOPUS Cawm.

(DC. Prodr. V. 85. — Wiprs. Repert. *11. 543. V. 103. et 703. — *Elephantoi* DC. 1. c. 87. — *Dhtreptus* Cass. — DC. 1. c. — C. II. Sthut [Dip], Linnaea 514—521)

Generis divisiones proposuit, C, II. SCHULTZ (Bip.) has <<

Sectio I. *EUELEPHANTOPUS* C. H. Schultz (Bip.), Linnaea XX. 514

Achaenia colimndri-clavata i. e. inferne dtenuata, superne dilatata, apice pailo attracta decemrostata, inter costns magis minusve hirtis pilis adpressis quandoque tarn confertis, ut superne 4 *ppm exter brevem forment, quandoque vero glabrescentia et siiperne tantum p sparsis in&tructa. Pappus uniserialis persistens e paleis conpositu 5 (rarius 8) rectis setaceis denticulatis, liasi in scariositatem exp tridiigulari-lanceolatain, margine deuticuldo-ciliatam, achaenii long dinem iubaequanteni. — Heibae Americae calidae vel Indiae oient 2j. \el bienneb, polymorphae, magis iuinusve btri^o&o-hirtae, dith corynrbosae, glomerulit* polycephalis terminalibiib. (Hue pertinent cics a Cdiidollo enumeratae no. 12—5. et *E. bumalut** Zollinger t VI. 703.), caeteruin *E. molatcus* C. H. Schultz [Bip.] sub no. 5 bendus.)

JS^ctio II. *MICROPAPPUS* C. H. Schultz (Bip.) 1. c. 517.

Pappus e paleis multis aequalibus acuminatis, basi dilatats stans, achaenio piloso canescente sextuplo brevior. — (Hue pcrtm mio opapims Lssng. Linnaea VI. 689.)

Sectio III. *ELEPHANTOSIS* C. H. Schultz (Bip.) 1. c.

Pappus achaenio piloso longior subbiserialis e paleis constaiis aequilongis rectis linearibus complanatis denticulatis n. 18—33- bae Americae tropicae, pracsertim crateris Carabiri, locis totum per annum florentes, 2j. villosa-scabrae, glomerulis axillaribu lycephalis, inferioribiii* saepius pedunculatib, in spicam iuterrnpta positis. (Hue pertinent generis *Elephanlobib* species duae po&e [DC. Piodr. V. 87. no. 2. et 3.]

Sectio IV. *ELEPHANTOPSIS* C. H. Schultz (Bip.) 1. c. 51

Pappi biserialis series externa brevis, e paleis numerosis achaenio piloso multo brevior, interna e paleis paucis, s>>

spiculis teretibus. Capitula biflora. Habitus sectionis tertiae. — (Hoc pertinet Elephantopus generis species prior [DC. Prodr. V. 87. no. 1.]: Elephantopus biflorus C. B. Schultz [Bip.] l. c. 519.)

Section V. PSEUDELEPHANTOPUS C. B. Schultz (Bip.) l. c. 519.

Pappus biserialis, serie externa e paleis linearibus, serrulatis, serie interna, numerosa, achenio piloso triplo vel duplo brevioribus, interna e paleis 3 (rarius 4) composita, achenium subaequantibus, e quibus duae, rarius tres majores aristaeformes coracae, superne dorsum et basi achenii sunt flexae. — Herbae crateris Carabici 2, in foderatis et silis vulgatilissimae, totam per annum florescentes, cujus achenia vestibus mularum adherent, scoparias, glomerulis axillaribus, oligocephalis in spicam elongatam dispositis, foliis ad exactum glomerularem, saltem in spicis 1 positis, ea superantibus. — (Hoc pertinet generis Elephantopus species trit. < DC. l'r*Ur, V. 87.)

...ARIUS ... Journ. et bot. Tt, <>. — Cauda erecta ... Capitula ...

... VAGINATUS ... Capitula ...

... KLONGATUS ... Capitula ...

... RACEMOSUS ... Capitula ...

IMfAM f wif mil ..!..».. lh « J%LUU_ lbi

U, Imtit

^i>aBBji>i

*u.

lit

%ih(j<-

Linu nut XX. 317. — ItnlantetKiUt...
[ilu» nlnui, vr vjfiot, Mhjrula...
omnium alij-unj foxnuiiun iluplo majoribus, 21 — Cf«cU to Aaw>jt* septentrional
(Missouri).

‡ Icon addenda.

E- SCABEB L. — (DC. L c. W. DO. t.> _ WgM. ton. pjanL t. lOt«.

Sdbtril.u* II. PECTIDEAJL Ls*n_g,

-DWrib / . IJAHEAE Catibtt.

22 to. LAB m. |, / (J, «.

(DC. |>r.l.r. | · iw. - u J|«. Jlrprt. U, *H, VI. (*J

mi.»>: folU* uxi.ii, HJi.tKi*. ucriui^it all-ruomj* jnumiinH* In...
llliri adrujttk , dentica B, v1% BBMjq^tUiai IWttMcU*. inpn MJhr-nr|Hl<l.
Wuk Hlveu-{OMKttimUt limi, *ni(Uriliu» tofULitmhiiUJ^In- ji, |ycijili>li- 2 — 3
X. M6IM0M... dte Lei dtflrt folflj .j>u, oiibu» nnir* 8J>t>exiiiuli. — rrm t
bU »il t

a. L. n.on>:i wui n i . n, i Utdu (m. pout.) l. v. 821. — Herba ramosa; foliis
basi obtusa, supra superis arbutropis, subtis alio...
mutuossimis fasciculatis, in corymbis terminalibus sessilibus dispositis...
rAfat f^r.kwmia t.««. — iteciAw Jn iiwln WOM. n«rt>. o., 1824.
Crescit in America argente

Dieta II. EUPECHIDEAE DC.

251. LORENTEA Less.

(DC. Prodr. V, 101. — Wipr. Report. *H. Ms. VI, 104)

>. J-. S...
MMMM . I..!.*
Case...
subsericea densitate, foliis ovatis puberulis, foliis
superioribus glaberrimis subsericeis linearibus acuminatis, subtis
obtusis punctatis, glandulis sterilibus, marginibus basi longe ciliatis, 1
brevibus, sterilibus puberulis, radii spicosis, basi sessibus
in Chatham Island.

a. L. >tt/.T>l*£JH72C4XLA TA...
Gardner & Hook. Lond. Journ. of bot. VI. 28. — Caulis
pluribus decumbentibus ramulosis puberulis; foliis sessilibus
obovatis, apice piliferis, marginibus serratis, infra medium longe ciliatis glandulis
sigmo-glandulosis punctatis; pedunculis brevissimis terminalibus callosis
glabris; capitulis 2-3-neris; involucris squamis obtusis-oblongis obtusis serratis
glandulis ciliatis, sublimis pilosissimis, pappi basi sterilibus setatis serratis
radii acuminatis sessilibus elongatis, ceteris paulo brevioribus, 2 — Herba vivipara
dalis. Folia 2 — 3 lin. longa, 1 — 1 1/2 lin. lata. Pedunculi 2 — 3 lin. longi. Involucrum
vix 2 lin. longum. — Crescit in Brasiliae prov. Gerges.

+ Genus vix notum

VERNONIACEIS ADSCRIPTUR.

Thore.

(t«i. to Ji ; charte, U-i in- iHftmijrrr II. f 21.)

Capitulum aultifloruiB. reetrtaoiljun uudum; pHppas plurimaria
uniformis plum oau*, stTtti eAtrmrta tiiJJs brvjbjuj*; ij volucri squame
foliaceae, inermes.

*1. C. maSM ALENS 18

in Scogombin.

Tribus II. *EUPATORIACEAE* Leasing.Subtribus I. *EUPATORIEAE* DC.Divisio I. *ALOMIEAE* DC.

2252. vacat, nam

̄SLNIA EUPATORIA DC. = PIQUERIA EUPATORIUM Gardn.

2253. PIQX^TERIA. Cav.

¹⁾C. Prodr. V. 104. — Wlprs. Repert. *Jl. 645 VI 105. — Gardner In Hook. Lund Journ. of bot VI. 430. — *Orsmia* Bert. — *Phalacraea* DC. — *Gymnocoroms* DC.)

Capitulum tri- v. multiflorum homogamum, involucri nudum. Corolla tubulosa, faucibus praesertim dilatata hirsuta v. glabra. Antherae appendicibus saepe terra in aetate. Styli rami longe exserti, apice obtusi v. clavati. Achaenium quinquangulatum calvum. — Herbae aut suffrutices Americam erecti ramosi glabri v. pubescentes, interdum glanduloso-viscosi: foliis oppositis alternisve petiolatis variis, saepius binerviis; capitula corymbosis aut paniculatis parvis; flosculis saepissime

Sectio I. *EUPIQUERIA* DC. — Capitulum 3—7-florum, involucri oblongum. (Hae pertinent species a CandoUeo enumeratae.)

*P DLJVSILORA Benth. — Repert. VI. 105. no. I.

*P. EUPATORIUM Gaidner. 1. c. 430. — *Orsmia Eupatorina* DC. 1. c. 104

Sectio II. *ALOMIA* H. B. Kth. — Capitulum multiflorum, involucri campanulatum.

I. (ALOMIA II B kth. — DC. 1. c. 105) AGERATOIDEA Gaidner. 1. c.

*P (GYMISOCOHOJSIS DC. 1. t. 106) VTIHNUAIA Gardner 1. c.

I. (GYMNOCOTONIS DC. 1. c.) SUBCORDATA Gardner 1. c.

*P (PHALACRAEA DC. 1. c. 105) LATIFOLIA Gardner 1. c.

** (ISOCARPHA Gardner. — Repert. VI. 703. no. 1) IASTIGIATA Gardner 1 t

431. — Caule herbaceo erecto lamoso, ramis teretibus stridis pubescenti tomento
~~to~~, foliis oppositis in petiolum basi longe attenuatis, superne oblongis obtusis, pauci
~~dentatis~~ vel submarginatis triplinerviis membranaceis glabris pellucido punctatis, capitula
~~tubis~~ paucis adjectis lamulorum corymbosis breviter pedicellatis 20—26 floris. 2]. —
~~Herba~~ bipedalis Folia 2—2% poll longa, 3—4 lin. lata. Involucri campanula
~~tum~~, squamis biseuatis, oblongo lanceolatis acutis trinerviis, 1% hinc longis. Receptaculum
 concum nudum Corollae tubulosae, ad faucem ampliatae, extus glanduloso
 puberulae, lineam cuciter longae albae. Styli rami longe exserti
 obtusi. Achaenium oblongum nigricans, acute pentagonum glabrum e
~~prosum~~. —
 Crescit in Brasilia in districtu Adamantium.

P. (ISOCARPHA Gardn. — Repert. VI. 703. no. 2.) EUPATORIODES Gardner 1 c.

— Caule herbaceo erecto ramoso, ramis teretibus pubescentibus; foliis petiolatis ovato oblongis vel oblongo lanceolatis, utrinque acutis vel raro obtusiusculis, supra glabrescentibus, subtus pubescentibus, grosse serrato dentatis, capitula conferte corymbosis circiter 40 floris. 2]. — Herba 1—2-pedalis. Folia 10—18 lin. longa, 4—5 lata, supra vmdia, subtus pallida. Petioli 2 lin. circiter longi. Involucri campanulatum, squamis biseuatis, lineam oblongis obtusis trinerviis, extus villosa, apice barbata, 1/2 lin. longis. Receptaculum concum nudum. Achaenium oblongum quinquangulatum nigrum epapposum. — Crescit in Brasiliae provincia Minas Geraes prope San Uomas.

P. (ISOCARPHA Gaidner. — Repert. 1. c. no. 3.) TOLIOSA Gardner 1. c. 432 —

Tota villosa-subtomentosa caule herbaceo suberecto ramoso ramis teretibus bina-
~~del~~ foliosis, foliis sessilibus oblongo lanceolatis, utrinque obtusis, supra medium ser-

capite dentata triplicinervis; capitulis paucis
 20 lineis. — Herba 1-2 pedum. — Antherae
 campanulatae, squamis brevibus, lobatis, lobis
 1 1/2 lin. longis. Receptaculum subglobosum. Corollae
 lobatae, lobis 1 1/2 lin. longis. Stylus rami
 exteri clavati. Antherae oblongae, apice
 dilatatae. — Crescit in Brasiliae
 provincia Minas Gerais.

18. P. CINEREA Gardneri l. c. — Antherae
 campanulatae, lobatae, lobis 1 1/2 lin. longis.
 Receptaculum subglobosum. Corollae lobatae,
 lobis 1 1/2 lin. longis. Stylus rami exteri
 clavati. Antherae oblongae, apice dilatatae.
 — Crescit in Brasiliae provincia Goyaz prope
 da Annyra.

19. P. ANGUSTATA Gardneri l. c. — Antherae
 campanulatae, lobatae, lobis 1 1/2 lin. longis.
 Receptaculum subglobosum. Corollae lobatae,
 lobis 1 1/2 lin. longis. Stylus rami exteri
 clavati. Antherae oblongae, apice dilatatae.
 — Crescit in Brasiliae prov. Goyaz tam
 praecedente.

2254. varietas, nomen: ALOMIA AGERATOIDES H. B. K. = PIQUERIA AGERATOIDES Gardner.

2255. varietas, nomen: PHALACRAEA LATIFOLIA DC. = PIQUERIA LATIFOLIA Gardner.

2256. varietas, nomen: GYMNOCORONIS ATTENUATA DC. = PIQUERIA ATTENUATA Gardner.
 GYMNOCORONIS SUBCORDATA DC. = PIQUERIA SUBCORDATA Gardner.

Dialecte: IEAE Lex.

2258. AM m:\H<nt\l% S\ \chouer.

(S. Schauer, Linnaea XIX. TIIJ

Capitulum hQuioflnrmtm iiiuJtiflorum. Jji>&lutmm cylindraceo-sub
 hemisphaerico, [inlj^ibyibtt imbricmurti, Receptaculum subglobosum
 palaeorum, polca mem rLiJjirk.is i lulium tureJJb? acquantibus. Corollae
 tanx uiijiaiiiHatn 5-frdji. Anthrae npeudice membranacea triangulata
 nec
 T>TffiiUI!) olltOAI*, [HINkjh MijiuUultf jji'tL' tlleJiu;' miD
 Acliatnla au^tctragtinn, bttd ^uliauonnata teviitr cnrvaU, areola subtri-
 ruli nvgUA. PappiU sessilis confertus c pftew m membranaceis rictum
 15, Ubiiri toatigob ybttinii fiufapertJniHijMiji erectis. — Gossypium
 Agerateae soli contractum Sect. J. Isocarphe affine, Pappi in-
 gulari imprimis diversum,

- *A HETEROPODA S. Schauer I. c. — Frutex, ramis hutelli, foha opposita petio
ulata ovaU grosse serrata tnplinervia, supra scabra nitida, infra re&mosa, capitula
⁴—b ttimimlia corymbosa. — Cresut circa Tucahayara In Mexico.

2259. AGERATUIWE Linn.

(DC Prodr. V. 108. — Wlprs Rcpert. *II. 546.)

- J A. (*JEuageratum*) SESSILIFOLIUM S. Schiauer, Linnaea XIX. 715. f — Caulibus vil
lohis subramosis, foil is basi semiamplexicauli sessilibus oblongo lanceolatis inclso-
denUtis subpilosus, subtiliter resmoso punctatts, basi tnnervus, capituhis solltarus
long* pedunculatis, achaemo ad an^ulos cihato scabro, pappi paleis brevibus, basi
dilatatis et ciliatis, apice bicwanstalis. 2j. — Crescit in Mexico

2261. ADENOSTJEUIMA Forst.

(DC. Prodr. V. 110. — Wlprs. Repert. *I[. 546. VI. 106.)

- I A. SUFFRUTICOSUM Gardner In Hook. Lond. journ. of bot. VI. 433. — Caule basi
sulfruticoso subngulato simplici, apice piaesertim glanduloso puberulo seu scabndo,
folus petiolatis oblongo ellipticis, basi longe cuneato attenuate, infra medium tripli
iitrvus, versus apicem vix crenatis {Jaberriniis, pamcula dichotomo corymbosa laxa,
us glanduloso pubescentibus, involucri squamis oblongis obtusis, dorso puberulis
nduloso ciliatis, achaenus glanduloso muncatis. 2]. — Suffrutex 3 — 6 pedalis. Fo
lu nppositi, 4—8 poll loriga, 1/2—2% poll, lata subcainosa. Capitulum multidorum.
Ki < eptaculum planum nudum foveolatum. Involucium campanulatum, squamis 2% lm.
longis. Corolla tubulosa quinquentata, lobis extus glanduloso tomento&is, faux sub-
amphata. Styh iami longi exserti clavati. Achium oblongum, basi attenuatum
subtriangulatum. Pappus anstis 3 patentibus obtusis. — Crescit ia Brasiliae pro>
(oyaz prope Nossa SenJiora d Abadia.

f Icones addendae.

- ^ LVTIFOLIUM Don. — (DC. 1. c. 112 no 14) — W^ht Icon plant tab 1087
^ UETICULATUM DC. (1. c. 113. no 23.) — Wght. 1. t. tab. 1088,

2-264. & TMIA Cavan.

(DC. Prodr. V. 113. — Wlprs. Rtpert. II. 540 VI. 107. et 704.)

- † ST. (*Multiamatae*) HYPTRIOLIA Gardner in Hook. Lond. journ. of bot. VI. 434. —
Caule basi suffruticoso erecto, apice corjmboso ramoso tercti striato rufo villosu to-
nientoso, folus oppositis sessilibus cuneato oblongis obtusis, basi longe iltenuitis
<renato dentatis tiiplinerviis, utrinque tomentosus, cor^mbo fasti^iato villosu, capi
tuhspedicellatis, involucri squamis lineari lannolitis n uininatis piloso pubescentibus
cihatiss trmerviis, achaenio lineari oblon_o quinquan^ul ito pilosiusculo, p ippi artstis
15 aequalibus scahernmis achaenio longioribus. 2]. — Suffrutex 2—2 1/2 pedalis I oil i
12 — IS lm. longa, 2 ^—4 lin lata luvolucrum oblongum 4 lin. longum. Coiollae
xoseae cylindraceae, basi constnetae pilosae. St> li ranu longe exsuli. — Ciescit^
Vrasihae provincia Goyaz prope Nossa Senhora d Abadia.

Divisio III. ADENOSTYLEAE DC.

2268/x TRICHOGONIA *Gardnei*.

(Gardner in Wlprs. Repert °VI. 704.)

1. III MENIHEFOLIA Gardner in Hook. Lond. jouin. of bot. YI. 4J4. - Heibacea
caule eiecto teieti stnato ramoso dense glanduloso pubescente, folus petiolatis iltei
nna oblongo lanceolatis acutis, basi cuneatis tnplinervns serrato dentatis, utrinque
puberulis, supra demum glabratis, capituhis pedicellatis coiymbosis ciiciter 50 Jlonis,
^{lll}volULri Mjuamis bisenalibus aequalibus obovato oblongis obtusis, dense piloso to
^{mt}itosis triuervns. 21 — Heiba 1/2—2 pedalis. I olia 2y2—3 poll, longa, 8-11 lin. lata

petioli 6 lin. longi. Involucrum campanulatum, squamis vix 2 lin. longis. Receptaculum planum nudum glabrum. Corollae ad faucem dilatatae, extus hirsutae, 1½ lin. longae, pallide purpureae. Styli rami elongati, semiteretes obtusi. Achaenium oblongum, basi attenuatum, acutum, angulos praecipue piloso-scapulatis universalis, paleis setosis brevibus, de-

2. **SS-S-^SS** Suffruticosa. P. Capella da Passe. glanduloso-piloso-pubescent; antheris tripinnatis, margine revoluta crenatis, sup. ii subtus piloso-tomentosis; ex pitalis longa pedicellatis paniculato-corymbosis 30-floris; involucri squamis biseriatis aequalibus spatulato-oblongis, obtusis dense piloso-tomentosis 3-5-natis. 2. — Bipetalis, folia 12-15 lin. longa, 4-6 lin. lata. Involucrum campanulatum, squamis 2 lin. longis, interioribus angustioribus. Receptaculum planum nudum. Corollae ad faucem amplatae, extus hirsutae, circiter 2 lin. longae, pallide purpureae. Styli rami elongati compressi, apice subclavati. Achaenium oblongum, basi attenuatum, acuto quinqueangulatum, ad angulos praecipue piloso-scapulatis, paleis setosis brevibus, aequalis uniseriatis, paleis setosis plumbeis stramineis. — Crescit in Brasiliae prov. Goyaz.

2270. **LIATRIS** Schreb.

(DC. Prodr. V. 226. — Wipr. Repert. II. 540. VI. 703.)

1. *L. (Euliatris) RADIANIS* Bertolonii, Miscell. bot. t. 1. ex Bot. Zeitung IV. 860. — Tubere radicali globoso; caule pubescenti-scabro; foliis sparsis lanceolato-linearibus integerrimis marginatis nudis, utrinque resinoso-punctatis; racemo longissimo; pedunculis foliosis, inferioribus elongatis; involucri radiantibus. 2. — Alabama.
2. *L. (Leptoclinium) TRICHOTOMA* Gardner in Hook. London. Journ. of bot. VI. 417. — Fruticosa trichotomo-rarosa; ramis teretibus atratis piloso-pubescentibus densis; foliis alternis sessilibus oblongo-lanceolatis, utrinque obtusis tripinnatis integerrimis pilosiusculis, supra demum glabris; corymbo ad apicem ramulorum subsessili terminali polycephalo; capitulis cernentibus breviter pedicellatis 5-floris involucri oblongi squamis triseriatis ovato-oblongis acutis glabris ciliatis striatis, exterioribus brevioribus; acheniis quinqueangulato glaberrimo. 2. — Frutex 3-4-petalis. Folia 8-12 lin. longa, 2-4 lin. lata, supra viridia, subtus pallida. Involucrum 4 lin. longum subglobosum. Receptaculum obtuse conicum punctatum nudum. Corollae tubulosae glabrae pallide lacteo 5-dentatae dentibus oblongis obtusis. Antherae clavatae, longe exserti. Pappus biseriatis, setis barbellatis stramineis, interioribus corollam subaequantibus, exterioribus paulo brevioribus. — Crescit in Brasiliae provinciis Goyaz.
3. *L. (Supraga) SESSILIFLORA* Bertol. l. c. t. 2. ex Bot. Zeitung IV. 860. — Glabra; tubere radicali oblongo; foliis linearibus integerrimis multinerviis ciliatis minutissimis; capitulis punctatis, inferioribus longissimis; capsulis subsexfloris. 2. — Diffusa.
4. *L. LANCEOLATA* Bertol. l. c. t. 2. ex Bot. Zeitung IV. 861. — Tubere radicali globoso; caule pubescente; foliis integerrimis, basi remote ciliatis, inferioribus lanceolatis; racemo elongato laxifloro; involucri subsexfloris, squamis oblongis obtusis ciliatis; acheniis villosis. 2. — Media inter *L. pilosam* W. et *L. gracilium* Ell. — Alabama.
5. *L. (Trifida) UMBELLATA* Bertol. l. c. t. 4. fig. 2. — d. ex Bot. Zeitung IV. 861. — Caulis erecto foliis sessilibus, remote callosodenticulatis integerrime brevissime pilosis, inferioribus lanceolatis; umbella terminali, sub-6-radialiter abbreviata; squamis involucri ovato-acuminatis subciliatis. 2. — Alabama.

2273. **CHROMOLAENA DC.**

(DC. Prodr. V. 133. — Wipps. Report. II. 351, VI. 705.)

L. CH. EPALAECEA Gardner in Hook. L. JIMI, juvro. of bi>U VI.4STI, -- Cauda herbacea
ramis tereti striato hispido, apice ramorum; a lato ovatis ob-
longis, basi cordatis 5-nerviis etnatis valde reflexis
latis, minute reticulato-punctatis; capitulis ad apicem ramulorum paucis sub-corymbosis
Bifloris; involucri campanulati squamis multiseriatis. Laxe imbricatis oblongis ob-
tusis rariore glabris atratis, achenis ad angulos scaberrimis, 2/4 — Herba 2-3-pe-
dalis, basi lignosa. Folia 3/4-4 ped. longa, 1-2 1/2 ped. lata. Capitula 6 lin. longa,
1/2 lin. lata, alida. Receptaculum concavum nudum. Corollae violaceae involucris
breviorum. Achenia acule quinqueangulata. Pappus universalis setosus, setis scabri-
bus acuminatis, corollam subaequantibus. — Crescit in Brasiliae [r]i] ipeta Goyas
prope Villa de Arrajas.

2274. (M X I i M ! H DC.

(DC. Prodr. r. tu. — wtj4». .Ufcit, a. 332.)

H. DEPRESSUM Gardner in Hook. Lond. Journ. of n. Vic:- n ^ d o : ru
ramis tereti striato ramosis, pubis longis articulis villis; foliis oppositis petiolatis
oblongo-obovatis, utrinque scatis, apice mucronatis triseriis serratis
pubescentibus villis; polonialis mucronatis; capitulis
involucri squamis linearibus striatis glabris adpressis
apiculatis, interioribus spatulato-oblongis, margine subseriatis apice lac-
coso-denticatis; receptaculo nudo. — Helipetale depressum ramosum, ramis petalis
oblongo-obovatis. Folia 1-1 1/2 ped. longa, 6-8 lin. lata, petioli 2-4 lin. longi
pubescenti 4-6 lin. longi subtracti, squamis pilosis involucrum 2 lin. longum. Re-
ceptaculum ovatum nudum foveolatum. Corollae tubulosae, ad faucem non ampliatas,
pubescentibus, dentibus ovatis obtusis puberulis, pallide purpureae. Styli rami
cylindrici apice emersi. Achenia oblongo compresso-tetragona pilosissima
setis. — Crescit in Brasiliae provincia (H I M » J \ , | U 4 i f i H M ,

2275. **CONOCLINIUM DC.**

(DC. Prodr. V. 133. — Wipps. Report. * II. 532, et 598. VI. 105, et 707.)

L. G. SCANDENS Gardner in Hook. Lond. Journ. of bot. VI. 437. — Fruticetum ramosum
scandens; ramis teretibus striatis pilosis pubescentibus foliosis; foliis oppositis petio-
latis lato ovatis acutis vel emarginatis, basi cordatis 5-7-nerviis, margine minute
dentato-denticulatis mucronatis rugatis, utrinque pubescentibus; panicula laxa ter-
minata, ramis oppositis bracteatis; capitulis ad apicem ramulorum in glomerato-globose
obovatis 7-10-floris; involucri squamis linearibus oblongis acutis dorso puberulis
et ad apicem reticulatis || i . * .) . . . fiwT
oblongo quinqueangulatis pilosiusculis. — Herbacetum, ramis bracteatis. Folia
2 1/2-4 ped. 2 1/2 ped. lata, petioli mucronati, 4-10 lin. longi. In-
volucrium 1 1/2 lin. longum. Corollae tubulosae at w>'
pubescentibus, dentibus oblongis obtusis acutis rugatis punctatis. Styli rami cylindrici,
longe exserti, apice mucronati. Pappus universalis inaequalis, corolla brevior, setis
mucronatis cordatis. Crescit in Brasiliae prov. Goyas inter Villa de Arrajas et
San Domingos.

L. G. OLIGOLEP 1.1 katr. L B M S I , 1> . — (Hdjiem. It. 030.) — Hni subfruticosa
caudis teretibus striatis pilosis pubescentibus foliosis, ovatis oblongis
obovatis sinuatis i>-Aut<lk, «trisque Uio-pubuiiciiuLui. corymbis tendiUii tu
— VutKrt pciUcHUi*: i<r<|m:ri KftiuuU utUulit * ueritallibus 15 — M, ZJ —
**th|1 P. r^frffna DC. afEni*, ltd Uul nitff<tlROBU». fulfil fi>in» diversis, nervis
purpureo-auratis, corymbis caerctatis, ramis inaequalibus oligocephalibus et involucris
squamis paucioribus diversis. — Flores coeruleo-lilacini. — Cn.-i.ril in regni Mexi-
cani regione temperata.

2277. CAMP Vt CM LI MI n Di

(DC, Prodr, V. J3G, — Wlpn. Hepert. • II- 5f* VL 707)

I. T. HFRSUTUM G-^{hlt}Etr In Qnok. Load, j.iurn. or but. VI. &&' ~ — Caule herbaceo erecto tereti striato ramoso hirsuto; foliis oppositis petiolatis ovali-^{hlt}lis triplinerviis serrato-dentatis, utrinque pilosis-hispidis; pappo ^{hlt}crmind' hirsjla- cjjjtittilii pedicel lath rlrclter JO-dorLn -, ItivuLucri sqtiami bus, exteriuribus liVhhti-lfcirciljlm aculis liirsutis nulliu.rrv.iK, spatulatis acutis ciliatis 1—3-nerviis, extus ad apicem testaceo-punctatis; receptaculo eonvmo alveujalo; acbarnio acute quimjuaiijubtn plloaluiculo. 2>£-p*d*Jlj. Fi/lis ptllucidu-fiuhctaia, 1% — J J K>II. Unnn, 8— IS lln* 1—4la li'u l<nyi, Inyolucrui t^mjiatiulalum, fi lin. Imi^um- Kt-cl^{pla} Carollae purpurascetes tubulosae 3-dentatae, dentibus extus glandulosis; pappo UU. Pappoi snlaetUit set-.,'us, ectia corolla paulo lirtvioribus •< ^— Cr^StCt in Jlr&&ia£ lirovlncta ^iuV4z.

2, C. ALTKUMFOLIUM Gtrdner 1. c. — €aule lierbAte* erects t. r. Alterne ramnto- foliis alteralj |n n.^laUs or<tii acnUa, biu! acnti* cun<*" viia crenat<i-K<mti« cillatia, utrlnque spATAE pilnsii-villmtta, abtftm m^{hlt} glar[|luli}&Q-i)unciatffi ca|illutifi JIAUCIH Kulirorjmbojiiii J<inf> pedicelltti U, Utis IU llurin ; invulurri aqaaall Irixcri.iiJ* lunj^ituJlno avttAequilibut, late avail* acutl* liirtutia, Interlurlbuu tp*tkB]ftto*obloa^a ohtutU aJ Jij et reflnoio-punct<t>« j acil.n-ll<P acute quiiii|ii;iii^LilAtn, ail :ni^ulus iillitnn, lial:irr*.r, itfllis liiffviliuN HI • Uii i LL I is tetbrf v.iiii" in;t'^iAiitiuN. 0 — Uijt*.|A| • waibtui<<<eA, 1% poll tong*, IS lin. Jatn. E'ctiuli 4 — 8 lin. toftfl vtilecl Im late c;ilj|ai)u)atituu -! lin. IOBK^B. It<f<|itJH^uln m conica • umlnni. t oralla purpureae, eulu* re*ldOJ(fjiunc1sta^f D*P>o multit loDglorn, — Urejclt pri>vlncla Coyai.

2278. BULBOSTYLIS DC.

(DC. Prodr. V, 13*. — Wlprs. Repert. II. 553. VI. 707,)

1. B. RimULIGEHA S. Sebauer, Llimara XIX. 718. f — Frotlculoti: r*mu)li •abtftJifjOtilll jiiilreTulciit{i"pjbe5CirnlibLiji, aplice ileiiuibti> monu—trivphk Oppbalta {et summlR al(i^rmit) jnftiuULi subcordito-ovaUf arutis crenate trtptlnerrltt, atrfn^vi) iuib^rulifj -sulirj scabria, subiuu piiJL h. >r re>|n aeaadae wepcqaa tlfniibui pustleid flwliululo-inin capitulo JO—S iirilunculalia corniboitsj iuvolurri Aiiunin!*i ^vbriuidri^eiiaililius Inxn itnh cri>n, ititaruniiiuis (is cOtolUt rnultistri.t- ioriliuu l^iu:n>tuti> llfir* fr liUHT •thftcnilt rrttniirfttu" Klnhra, .iii^uliR •cabTin, b — l*Hh^ui: vldctnf lost* ')(., disiini'irt foljis insigni uiuilo nuirru.iiiM et cliienn Jiyurj. — ** Zimapan in Mexico.

2279. ErFATomeat Toternef,

(DC. Prodr. V. MI, VII. 2G9 — Wlpr*. Bepert. II, SJ*. VI. 100- *

1. E. (Anbricata) STHJMAiofJum BcHol. HUc<LL Intt. V. t, 5. rx. HuL^{Xeit} — Hirsutis ttcattrum oicrujuntiftLuni: cuile erectu ; fuliib bni;f>l*ii* *' ralb; corymb ! tin di' ia termift.ili ramoto ; invulucrig ri liinirit r* j-llnri>> [nilin''.'ll^ " leul-acumiokltt, ,iljice scailtisis -, achxRIif 5-co*tatl* gliuduloitlt. 21- "

1, E. HASTELE S, Sclnucr, UBDMA XIX. 710. ; (S<cL 1. R. 3.) — GU^u¹ anbangulatis striatis; foliis (oppositis) membranaceis longe petio- cutatis armuinalls ITiegu.lw\ n d<t>Utlit, bui triplinerria (imputi^{hlt}*) gmte margin at Ls, baai conjugitis; pankuli lhjrioi<It*a fulloBa, >>>*' <<<r>niln, sis peduncuM^ciu^ (nbemliai capltalia Htilim^is MJnl<c*^ino equa imbricatis oblong^ linearibus obtusis (pallidis), nervus achi<nia piloso-aubhi*phlu(o argute J Lo*Lito, 1^ — Full* Ter<

WMH | ul... ite integerrime. Capit*1** lra, alta: involucri squamosi... Cereola alba glabra. 84y | lmk

W. VI O - f. r. 1

E. ARRAYANUM Gardner in Hook. Lond. Journ. of Bot. VI O - f. r. 1... Capitula 6 lin. longa. Pappus sericeus. — Atlas E. multiflorum DC. — Crescit in Brasiliae provincia Guyana prope Villa de Arayay.

r L. a i

E. SURSERKATUM Gardner l. c. 468. — Suffruticosum: caule erecto teretibus striatis... Capitula 6 lin. longa. Antherium vix 2-angulatum. Pappus sericeus. — Crescit in Brasiliae provincia Guyana, inter Arayay et San Dominga.

E. CRONATUM Gardner l. c. 469. — Suffruticosum: ramis teretibus striatis... Capitula 5 lin. longa. Antherium vix 2-angulatum. Pappus sericeus. — Crescit in Brasiliae prov. Guyana prope Villa de Arayay.

E. EXTENSUM Gardner l. c. — Fruticosa: ramis teretibus striatis... Capitula 5 lin. longa. Antherium vix 2-angulatum. Pappus sericeus. — Crescit in Brasiliae prov. Guyana inter Cayalli da Peixe et Sta. Paula.

E. MORISSORUM Gardner l. c. 471. — Fruticosum ramis teretibus... Capitula 5 lin. longa. Antherium vix 2-angulatum. Pappus sericeus. — Crescit in Brasiliae prov. Guyana prope Villa de Arayay.

E. CHENATUM Gardner l. c. — Fruticosum ramis teretibus... Capitula 5 lin. longa. Antherium vix 2-angulatum. Pappus sericeus. — Crescit in Brasiliae prov. Guyana prope Villa de Arayay.

9—15 lin. lata, Petiol 2½ lin. longi. Pedicelli 1½—2 lin. longi. Capitula 2½ lin. longa, Pappus surdulus. — Crescit in Brasiliæ simul cum præcedente.

9. E. FERRUGINEUM Gardner l. c. 442. — Fruticosa erectum +JP* *iill t **
 foliis striatis pubescenti-scrabridis; foliis oppositis petiolatis late ovatis, utrinque
 tatis, apice mucronatis triseriis integris vel via subdentatis, utrinque
 tomentosa et creberrime punctatis; corymbis terminalibus compatis.
 (filwS.t r>[u i i1iri<tni<w p
 H<|p1-ji;^ 'u.MXtt in .xii>ht
 2 poll. longa, 16—17

longi. Pedicelli 1½—2 lin. longi. Capitula 2½ lin. longa, Pappus villosus
 l. 1. c. < Hmihin' pvtrr. (it ii i>|*T t <<IU 4* < one e''iMI Dumbrosa.
 ID. F. MI ftWM I HI its | Otf
 lirir lifOial tuft*
 yhiBntu,
 fiiu>.
 pedicellatis cylindricis gracilibus II
 ciliatis striatis; achenis ad apicem scabridis. — Suffrutex 4—5 pedalis.
 ½ poll. longa, 9—10 lin. lata membranacea, supra viridis, subtus pallida
 celli 2 lin. circiter longi. Capitula 4½ lin. longa. Pappus albidus. — Crescit
 silice præv. Guya. — Villa de Arzaya.

11. EH 1 i' TUM QVAMTI l. c. 442. — Suffruticosa; ramis terribus striatis
 villosis; foliis oppositis petiolatis ovato-oblongis acutis, basi mucronatis utrinque
 nervis grosse dentato serratis, utrinque sparse villosis; corymbis terminalibus
 paucis trichotomis; capitulis subterminalibus cylindricis 16-foris, involucris
 bricatis, basi adpressis glabris striatis ciliatis, apice fallacis subpetalis
 achenis ad apicem striatis. — Suffrutex 2—4 pedalis. Folia 2—
 longa, 1—1½ poll. falJi membranacea. Capitula 4½ lin. longa. Pappus
 — Crescit in Brasiliæ præv. Guya (cum præcedente).

12. E. SUBTRUNCATUM Gardner i. c. — foWtw
 pilo-hirsuto, ad apicem ramis
 subterminalibus in ..! subquadratis
 »in.... subterminalibus; corymbis ii terminalibus compatis trichotomis; capitulis
 viter pedicellatis cylindricis 16-foris; involucris squamis imbricatis ovato
 striatis, externis obtusis ad apicem pilosis, internis striatis ciliatis; achenis ad
 pulis scabridis. — Urr'- IS—2 pedalis. Folia 3—4
 lata. Capitula 4½ lin.
 ciun præcedente.

GLASTIFOLIUM Benth. Misc. bot. I. U<f

Glabrum: caule terribi striato; foliis integris resutere
 ovatis glabris, inferioribus ulii
 subcordatis; corymb elongatis ramisulosis; involucris squamis ovatis
 nervibus obtusis; achenis ducapnis, pappo struato scabro. — Cr
 Alabama.

14. E. CASSINAEFOLIUM l. c. l. & fig. 2—c, ex Bot. Zeitung ff-
 Caule terribi pubescente; foliis inferioribus oppositis oblongo-ellipticis, breviter
 trilobis, superne crenat
 rimis, corymbis compatis
 glanduloso pentagono. ZV — l'runJa*
 l.nir> ovatis tripartitis velatis pubescentibus, involucris squamis 18. — Al
 Alabama.

15. E. DJ. NYATUM *jLt4mn l. c. 443. — Fruticosa; ramis terribus
 to-piloso-tomentosis, foliis alternis sessilibus ovato-oblongis obtusis
 VIII, inferioribus integris, superioribus ad apicem 2—5 dentatis, utrinque
 Centrali dichotoma; capitulis subterminalibus glomeratis 3—4-foris; involucris
 squamis imbricatis imbricatis tomentosis triseriis, externis parvis ovatis obtusis
 ciliatis; achenis pilosis. — Frutex bipedalis. Folia 2—

... linaea, 2-4 lin. lata, cartilaginea. Capitula 5 lin. longa. Corolla alba glabra. Stylus
... ad apicem valde clavatus. Pappus stramineus. — Crescit in Brasiliae part. Goyaz
... Villa de Arroyo.

16. **E. PULCHRICUM** Gardner l. c. 444. — Caulis herbaceus erectus tereti striato piloso-
... (subrepente simpliciter), foliis alternis breviter petiolatis oblongis vel sublongo-ellipticis
... basi acuta triplicinerviis, ad medium serrato-dentatis cartilagineis; corymbis ter-
... minatis; capitulis ad apicem ramulorum confertis sessilibus 2-3-locis; involucris oblongis
... simpliciter striatis ad apicem pilosis, subaequalibus pilosioribus. $\frac{1}{2}$ — Bractea basi subligata,
... $\frac{1}{2}$ — 2-petala. Folia alba, 12-18 lin. longa. Corolla violacea. Pappus stramineus.
... — *Chromolaena attenuata* Gardner, (Diapert. VI. 761. no. 2.) — Crescit in Brasiliae
... provincia Goyaz et Minas Geraes.

17. **E. REVOLUTUM** Gardner l. c. 444. — Caulis herbaceus erectus gracili tereti striato
... piloso-pubescente simpliciter, foliis alternis sessilibus sublongis, utrinque attenuatis tri-
... nerviis cartilagineis, margine revolutis ad medium subdentatis pilosis reticulatis, supra
... glaberrimis, subtus pilosioribus creberrime nervis glabris. — Capitula; corymbis
... terminali confertis; capitulis ad apicem ramulorum confertis $\frac{1}{2}$ — 12-locis; involucris
... simpliciter striatis, basi lineari-teretibus acutis ad apicem striatis, externis ovatis
... oblongis callosis, stratis striatis, densis glanduloso-punctatis, acutis. $\frac{1}{2}$ —
... Bractea petala. Folia pubescentia longa, 2-4 lin. lata. Capitula 5/8 lin. longa. Corolla
... violacea. Pappus stramineus. — Crescit in ... provincia Goyaz ad Municipium
... Parana.

18. **E. CLAUSSENI** Gardner l. c. 443. — Caulis herbaceus erectus gracili tereti, basi
... striato ad apicem angustato pubescente simpliciter; foliis alternis petiolatis late li-
... nerviis, utrinque attenuatis cartilagineis, basi truncatis reticulatis, vixim apicem sub-
... dentatis, supra glabris, subtus pubescentibus; corymbis terminali confertis; capitulis
... ad apicem ramulorum confertis glandulose punctatis. Involucris spatulatis linearibus
... striatis pilosioribus, externis apice cartilagineo reticulatis, densis punctatis, lineis nervis
... subaequalibus pilosioribus. $\frac{1}{2}$ — Bractea petala et alia. Folia 12-18 lin. longa, 2 lin.
... lata. Capitula 5/8 lin. longa. Corolla violacea. Pappus stramineus. — Crescit in pro-
... vincia Minas Geraes Brasiliae.

19. **E. ALMENSENII** Gardner l. c. — Pappus; ramis teretibus striatis, petalis
... simpliciter striatis; involucris simpliciter striatis; capitulis simpliciter striatis, utrin-
... que acutis triplicinerviis creberrime dentatis, supra piloso-scartis, subtus lanuginosis re-
... ticulatis; pediculis terminalibus ramulis, ramis corymbosis; capitulis pedicellatis
... 10-12-locis; involucris campanulatis squamis ovatis subaequalibus oblongis striatis
... densis punctatis. $\frac{1}{2}$ — Bractea petala. Folia 12-18 lin. longa, 2 lin. lata. Capitula 5/8 lin. longa.
... Corolla violacea. Pappus stramineus. — Crescit in Brasiliae part. Goyaz prope Villa de Arroyo.

20. **E. (Eriochloa) RACEMOSA** Hieronim. Bot. Zeit. V. 328. — Pappus; caule
... tereti; foliis oppositis
... simpliciter striatis; involucris campanulatis squamis ovatis subaequalibus oblongis striatis
... densis punctatis. $\frac{1}{2}$ — Ad *E. squamulosa* DC. accedit, quod dicitur
... subaequalibus corymbosis subligatis. — Crescit in Mexico.

21. **E. MORENII** Kth. Ind. sem. in hort. bot. Bresl. n. 190. collectorum p. 13. —
... ramulis teretibus glandulosis; foliis oppositis longioribus petiolatis, ovatis-oblongis
... punctatis-acutis, basi in petiolum decurrentibus, alve triplicinerviis, serratis serris
... linearibus membranaceis apice glabris; cymis axillaribus et terminalibus pediculis
... simpliciter striatis glandulose-scartis; capitulis longioribus $\frac{1}{2}$ — 12-
... locis; involucris campanulatis foliolis
... simpliciter striatis; involucris campanulatis foliolis
... glandulose-punctatis striatis; receptaculo glabro; stigmatibus oblongis, subaequalibus
... punctulato-glandulosis, angulis scaberrimis. $\frac{1}{2}$ — Folia 20-25 lin. longa, 1/2-1
... lin. lata. Petala 5-9 lin. longa. Capitula 4 1/2 lin. longa, bractea alba. — Diapert.
... *Chromolaena E. Morenii* DC. (l. c. 167. no. 128.) *Chromolaena glanduloso-junctata*, in
... Bractea scaberrima. — Crescit in Mexico.

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21. *E. COGNATUM* Kth. & Bouché l. c. p. 13. — Ramis terribus glabris; cymis
 ventibus apicem versus albo-arterice-lutescentibus et thymali, foliis oppositis lanceolatis
 caulis petiolatis ovato-oblongis acuminatis, basi acuta, alba tripliciterve, venis ut
 denticoletis membranaceis sparis, striisque glabris, involucris caltha arachnoidis; ramis
 serrico-lomentosis; cymis terminalibus subsessilibus multifloris viaridulis; capitulis
 pedicellatis, sub 17-floris, involucri campanulati foliis circiter 12, subbiserialibus
 lanceolatis acuminatis, externe viscidulo-puberulis; receptaculo glabro; stigmatibus
 elongatis; ovario punctulato-glanduloso, cupulis glabris. h — Flores albae. —
 modale cognatum, sed sat distinctum. — Crescit in Mexico.

22. *E. CONSPICUUM* Kth. & Bouché, l. c. p. 13. — Ramulis serratis glabris; foliis oppositis lanceolatis petiolatis
 p. 12. — Ramulis serratis glabris; foliis oppositis lanceolatis petiolatis
 lanceolatis ovatis acuta, basi in petiolum decurrentibus tripliciterve, supra sub
 pilulato-serrata membranaceis sparis, supra pilis minutissimis adpressis subperpetua
 acutius glabris, subtus in nervis et venis lutescentibus villis; cymis radiatis et
 terminalibus, subsessilibus plurifloris pubescentibus, foliis breviterve; capitulis longe
 pedicellatis sub-20-floris; involucri campanulati foliis circiter 15, subbiserialibus
 cordatis acuta, — — — — —
 elongata; acheniis appresse hispulis. h — Folia 6-pedicularia, 5-pedicularia. Pe-
 d. 4 1/2-pedicularia. Capitula 7 1/2 lin. — Flores albae. — Aliter E. Bouché. —
 Crescit in Mexico.

23. *E. TRAPEZOIDEUM* Kth. l. c. p. 13. — Ramulis terribus glanduloso-pilosis vis-
 catis, foliis oppositis longe petiolatis, rhombico ovatis acuminatis (truncatis) crenatis
 serratis membranaceis, supra scaberrimis, subtus glabris in nervis venisque
 tilla, sparis; cymis acicularibus et terminalibus pedunculatis plurifloris, foliis
 linearibus glanduloso-pilosis viscosis; capitulis longe pedicellatis 21 — 28-floris; involucri
 apertati foliis 12 — 15 subbiserialibus lanceolatis acuminatis, dense glanduloso-
 pilosis, viscosis; — — — — —
 Folia 7 1/2 — 15 — 18 lin. lata. Petioli pedicularia (4 1/2 lin. long.). Capitula
 2 1/2 — 3 lin. longa. Flores albae. — Crescit in Mexico.

24. *E. THYRSIFLORUM* Kth. l. c. p. 13. — Ramulis terribus glanduloso-pilosis vis-
 catis, foliis oppositis longe petiolatis, rhombico ovatis acuminatis (truncatis) crenatis
 serratis membranaceis, supra scaberrimis, subtus glabris in nervis venisque
 tilla, sparis; cymis acicularibus et terminalibus pedunculatis plurifloris, foliis
 linearibus glanduloso-pilosis viscosis; capitulis longe pedicellatis 21 — 28-floris; involucri
 apertati foliis 12 — 15 subbiserialibus lanceolatis acuminatis, dense glanduloso-
 pilosis, viscosis; — — — — —
 Folia 7 1/2 — 15 — 18 lin. lata. Petioli pedicularia (4 1/2 lin. long.). Capitula
 2 1/2 — 3 lin. longa. Flores albae. — Crescit in Mexico.

25. *E. THYRSIFLORUM* Kth. l. c. p. 13. — Ramulis terribus glanduloso-pilosis vis-
 catis, foliis oppositis longe petiolatis, rhombico ovatis acuminatis (truncatis) crenatis
 serratis membranaceis, supra scaberrimis, subtus glabris in nervis venisque
 tilla, sparis; cymis acicularibus et terminalibus pedunculatis plurifloris, foliis
 linearibus glanduloso-pilosis viscosis; capitulis longe pedicellatis 21 — 28-floris; involucri
 apertati foliis 12 — 15 subbiserialibus lanceolatis acuminatis, dense glanduloso-
 pilosis, viscosis; — — — — —
 Folia 7 1/2 — 15 — 18 lin. lata. Petioli pedicularia (4 1/2 lin. long.). Capitula
 2 1/2 — 3 lin. longa. Flores albae. — Crescit in Mexico.

26. *E. ANCHENBORNIANUM* M*. Schauer, Linnaea XIX. 720. — Eriticosum ped-
 icellato-velutinoso; ramulis terribus; foliis ovatis acuminatis, basi in petiolum
 leviter cordatis crenato-serratis, supra demum glabrescentibus, subtus
 pilosis pubescentibus pallida longis; cymis radiatis; capitulis
 longe pedicellatis; involucris campanulatis; foliis circiter 12, subbiserialibus
 lanceolatis acuminatis, externe viscidulo-puberulis; receptaculo glabro; stigmatibus
 elongatis; ovario punctulato-glanduloso, cupulis glabris. h — Flores albae. —
 Crescit in valle Toluca in Mexico.

27. *E. HYADENIUM* S. Schauer l. c. 721. — Caulibus pu-
 spicatis; capite vix

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latis oppositis ovale-oblongis acutiusculis, basi integerrima in petiolum brevem
 sessilem attenuata, in medio breviter crenato-tortuata punctis, utrinque puberulis,
 nervis subglabris; involucris polycephalis corymbosis, capitulis pedicellatis 4-5-ner-
 vis, involucris squamis 8, lateribus 5 multis majoribus linearibus obtuse striatis puberulis
 nervis subseriatimque nervis, achaeniis acutangulis, apiculis nigridatis. $\frac{1}{2}$ — Affinis
 videtur *Eupatoria coccifolia*, *scabrilla* et *puberula*. — Crescit in Mexico, locis non
 designatis.

2281/1. *HANBRIA* Gardner.

(Gardner in Hook. Lond. Journ. of bot. VI. 48.)

Capitulum quadriflorum. Receptaculum planum nudum. Involucrum
 tetraphyllum, adjecta aut ad basin aut infra basin bracteola. Corollae
 tubulosae, ad faucem dilatatae. Achaenium angulatum. Pappus bicria-
 tus, setis pilosis rigidis scabridis aequalibus. — Herbae vel suffruticeae
 erectae. Folia opposita sessilibus, interdum verticillata, elliptica aut lineari-
 a. Capitula spicata aut corymbosa. Corolla albida.

K. PALUNTHIN Gardner l. c. 47. — Herbae erecta glaberrima, caulis simplicis
 basi tereti striato-foveis, apice angulato subaphyllis, foliis oppositis sessilibus lineari-
 oblongis obtuse cordatis integerrimis quinque-nerviis, nervis parallelis utrinque primi-
 natis, corymbis terminali trifloris, capitulis pedicellatis; involucris oblongis linearibus
 breviter breviter, involucris squamis oblongis acutis striatis, apice scabridis, achaeniis
 glabris. $\frac{1}{2}$ — Herba perennis, 2-3 pedalis. Folia 2-4 poll. longa, 2-2½ lin.
 lata. Pedicelli compressi, 3 lin. longi. Capitula 5 lin. longa. Pappus rufescens,
 setis apice clavatis. — Crescit in Brasiliis prov. Goyaz inter Vills de Natividade et
 Coimbra.

*K. (MIKANIA Gardner. — Report. VI. 713, no. 1.) STROBILIFERA Gardner in
 Hook. Lond. Journ. of bot. VI. 47.

2282. *MIKANIA* HBK.

(DC. Prodr. V. 367. — Wipac. Report. II. 226, et DC. VI. 344, et 345.)

M. (Aphyllifera) CUNSLINGUENA Gardner in Hook. Lond. Journ. of bot. VI. 48. —
 Suffruticosa teretibus: ramis teretibus pilis ferrugineis subvillosis, foliis petiolatis ovato-
 ellipticis acutis basi subcordatis mucronato-crenato-dentatis, supra pilosis scabri-
 bus, subtus tomentosis; racemis apicatis in paniculam dispositis; capitulis sessilibus
 flexilibus sessilibus appressatis; involucris oblongis acutis pilosis involucris multo bre-
 vioribus, involucris squamis oblongis obtuse striatis pilosis, achaeniis glanduliferis pilosis.
 $\frac{1}{2}$ — Folia 2-2½ poll. longa, 1½-2 lin. lata membranacea, petioli 4 lin. longi,
 involucrum 2 lin. longum. — Crescit in Brasiliis provincia Goyaz
 prope Villa de Arroyo.

M. (Cordifera) THURBERGII Gardner l. c. — Suffruticosa teretibus

caulis teretibus pilis ferrugineis subvillosis, foliis petiolatis ovato-
 ellipticis acutis basi subcordatis mucronato-crenato-dentatis, supra
 pilosis scabridis, subtus pilosis pubescentibus; involucris cylindricis teretibus
 apice corymbosis; capitulis breviter pedicellatis, involucris squamis quatuor obtuse
 striatis, dente piloso pubescentibus, quorum 2 sessilibus, lateribus
 sessilibus; achaeniis glabris. $\frac{1}{2}$ — Folia 3 poll. longa, 2 poll. lata. Involucrum 4½
 lin. longum. Pappus pallide rufescens. — Crescit in Brasiliis provincia Goyaz
 ad rem procedente.

M. (Angulata) SUBCYRINA Gardner l. c. — Suffruticosa teretibus glaberrima:

caulis striato, ramis angulatis; foliis petiolatis subtriangulo-ovatis oblongis acuminatis,
 basi cordatis, nervis dentatis; ramis axillaribus apice corymbis compositis
 angulatis percrebrantibus; capitulis ad apices ramulorum pedicellatis subumbellatis; bra-
 cteolis oblongo-linearibus acutis parvis; involucris squamis linearibus acutis trinerviis
 subseriatimque nervis, achaeniis glabris. $\frac{1}{2}$ — Folia 3½ poll. longa, 15-18 lin. lata membranacea,
 Petioli piliferi. Involucrum 3½ lin. longum. Pappus pallide rufescens. — Cres-
 cit in Brasiliis provincia Goyaz prope Villa de Natividade.

2282. < OIIV\.%NTIIKI.H'^I Kare.
ik ... Lino umVLLt.—VnrwmioJi (ostur.)

Capriulum 4—ā doruni, Kii>.'i>.icutuiTi Iuidnm pkiitimi =n^
Involucrin 4— & iilivilum. iulrn bnxiti uii.mr.-iimi lirtirtciuJntuifi. ^
•oJicUvflth, fauct itkHiUJt, limbo fMtadtato infuturo, nir<m ^rinct'A
Atherae patenti-appendiculatae, leviter concretae, subexsertae. Stigm
ta supra lifljtin tquerta nlanhttcnw, i^*ti> <si apkc intji* itj-itiillIJ^LU
iiirt U'inn;(tiii, Poiiljiib i'i-erialis, cor>N^ hrcTtor sclontu, scaber. — Fru
ICX okU>imiLN. l' — 14-pedalis, hl'rrne lilt- illic rai: ans, superne T<-1
lubilis. Iluulifl rmontu jurruU'intM tar** lor^vt* glaber. Folia oppos
subiulfl terna, reme fa narcokn, petiolis ascendentibus somiteritib
3/4 — 1/2-polliearibus, lamina Al! 8'^ pult. loui, 2; [jal], 1 ata, ovato-
triangulari, breviter apiculata, nervi seu subtirleba acuta, ba; cm
marginis F1IBBBSB m DtUf^U ls to, MifITS Wit Il1 • *> i n' l'. subtus pal111
<. ite. Infloresc-oil* tn inproft* can: a parte axillaris thyroidea-pa ill
culata pedicellata. Flores pallidi, subviriduli, ut rami inflorescentiae gland
dubui inaevalentes. Capita 4 lin. longa. — Genus *Mikania* haud dubie
proximum, sed pappo evidenter biseriali setoso, corollae claviformis limbo
inflexo cincto, stigmatibus planis, lobis sigulari, praesertim lobi
sappius ternis differe videtur, — f..tj> ignota, haud dubie 'ropica.

1. • £ M0B08OA ku*p. Lc-t — Jt*rrm4m *+**>* lwi. — < ...

Subtribia n i l. T&SS1LAR1X1SA& |

Divisio I. i>KT\srn-:r i / C.

2283. NARDOSMIA Guss.

rue r* ... V. •; — wip>. luputt <. 5373

L. N. (TUSSILAGO rant * ...) SAXITUS luuiMO. Hillel de Moss. XIX. 178. +
Folia 1 iilwii! rr*if.LI>IW ... inaequaliter cartilagineo-denticulatis ...
fcU * ... lftcJata +^AJ ... 1 m nulji>h iutff ...
DC. — Crescit in montibus Keltakandibos et in alpe Clamuz.

Divisio II. TUS 3ILACJNKAK O C.

2284. TUSSILAGO ...

OBLONGIF ... ti* B<r1^ilft1, U,i^!*.• II. BW.I

>*tiw<*i r^d<* OB**^8M. ... viliim ...
P " * M>p^p%y>pi npwpn,<.,>tijli. ... CUMD* (cm ...
P***** paMnK *iIW>T- el ut*cir -iivrrn, — tint ultt^m^h ...

Tribia UK ASTEROWEAB Ltissing.

Subtribia ; ASTKMXi ... Neres ad Esenb.

Mvirfo L AMKLLKAK /T.

finlk J [Tin 1 ii 1, lit. i Uef. LEAMii U.

xm. anuonucsni (...)

fDf- l^tc>r, V. JM, — WJ|PT», Hrjirtj. ff. Bs,)

P*.) UUM1LE UotX. 61. 4<tM ... n^ <<^ Kr^lim 3ftl. — ...
* l^l » M » i nmttt <fcpVmi^tto iivJt^t)pi> <i ...

*) ANACHYSIS: capitula discoides homogama.

...t... rris... rris... rris... rris... rris... rris... rris... rris... rris... rris...

N. KINGI Hook. fil. l. v. 208. adust. — Caulis semper pubescentia capitulis ap...

M. DARWINI Hook. fil. l. v. adust. — Caulis tomentos pubescentia capitulis ap...

† JfTKCtMJ HVfiS* HtPtAt-

OVATIFOLIUM Honda. & Japones, Voy. i* Pal ^W (Bot. plura. divpt.) tab. 28.

PELLEIAN Hook. & Japones l. v. 24. B.

Disco II. STEREA DC.

Stereis L. ECATERIA DC.

2301. ANTER Nov. ad Japones.

DC. Prodr. V. 25. VL III. — Wipac Report. II. 528. VL III, & VII) SCARBUSHIK...

2301. MONOPHYLLON Torr. et Gr.

S. & Gray, Bot. Beechey. V. tab. II. fig. 1-5. 2301. ... Capitulum multiflorum heterogenum; ... S

I. * 11 BELL & FOBIJt Tt-tr. * Gr, U I. «, r, O — Crescit in America Rocky mountains,

Subdiviso II. tlP/MPAPP* DC.

I. * C. WIGHTIANI: s or . I. e. 373 no, i, — v>dit, l. «. i*1«d. 1860.

233*2 EHCROS DC.

(D); fnrir, v4 jij. MI J:I — wjyn. iUprttt- n. wgt .L twfu vj. i221

1. E. (Euclypsus) DIPLOPAPPUS S. Schtiirt, LinhA-it VX, 7il. — I; articulo-
latis "... '... I - I' ... I 11 ,il., 11(-»,-,0. -f,,|,,, r,,|rr. > iuull irMitih.I. Invenit
caulis, pubes cespitosa-striata et pilosa-ellata brevissima mucronatis apices
integerrimis; pedunculis terminalibus monophyllis filiformi-exsertis; involucris
epilobii sublobatis apiculis intricatis linearibus acutiusculis; ligulis discoi diplo-
phyllis archaico oblongo compresso glabris, pappo uniseriatis caduco. —
Tulaha exiguam, habita Diplopappo fruticant et affolibus Luuj omnium discor-
ad ex pappi conditione huc dicitur bnal H. I • lra tenuipollinaria, ligulis angustis
filicinis, Alnus laevis, capitula magnitudine Bellidis. — Crescit in Mexico.

2. E. LEUCANTHEMIFOLIUS S. Schauer, l. e. 723. — Suffruticulosum caulis
caudibus ascendentibus virgatis cum foliis pilosis-velutinis; foliis alternis, infer-
tus sessilibus, basi longe et anguste attenuata quasi petiolatis, medio tripliciter
perispermatis 2—3 dentatis. Involucris grossis orbatis mucronatis, supero-
caulis integerrimis; capitulo longe pedunculato; involucris aquam linearibus
Ufk pri*** h>ltat> 3*11 ii Jiiiii. longioribus linearibus, aculeis pl
ligulis, 2, — I*t-uaiIM eaio 5, A>:AiruiiiiN.i. mid hauritit W. erant. C.
magis
abundans subseriatis spatulis. —
est in Me. ...

3. E. TENUFOLIUS Hook. •/-fta Tr»nuci., J. the Libn. soc. XX, 207. — h
caulis inferus densitate
trfi caulis, foliis alternis anguste linearibus acutis
basi dilatatis; capitula terminalibus pedunculatis subcorymbosis; pedunculis
brevissimis; involucris orbatis (LJIWI* JlnrartitUI ptilvianialis) >< b — €r*

4. E. SULLIVANI Hook. Ill. Ant. error and Erichon 306. — pilu-
grossis orbatis caulis acutis; depresso h— tricipiti folioso, f. Hit
caulis patentiobis elliptico-ovatis mucronatis integerrimis in petiolo
erecta monophylla; involucris hirsutis; capitulo magisculo depresso
veluti apiculis sagis
involucris lanceolis. 7. — Omnia E. amiferi, sed
involucris, petiolo hirsuto, ligulis (H rill ptiou-vy IU nnn) spatulatis. — Mirac
invenit de Urville, Mem. voy. Lan. Paris. IV, 603. — Crotth In Falkland '1.

5. * E. (Dimorphoc) ALBERTI S. Lam. — DC. L r, Et», «u. W.
f. speciosissimum Hook. Ill. Antaret. voy. of Terra et Erichon 306. —
caulis caudibus linearibus . t*t>lliuJL' appressis tenui-pubescentibus, ca-
udibus vel ad apicem caulis aggregatis. — Cap. Negro a Elisabeth Island
•f Iron addenda.

E. wiunu: DC. Prodr. V. 386, no. 213 — Wght. Icon. pl. UII, 10UV.

Subdiviso V. BBLUEAKIU?

235j. givum-H* Lam.

I. * M. WIGHTI DC. V C o», |. — Wfit. lam. pUfit. t*t- 1861.

Partis II. CHRYSOCOMIÆ DC.

Subdivisio I. GYMNOSPERMÆ DC.

2357. V t \ T11 «t ti n % ff. »* EA.

DC. IS-**. T. Ittl — Wipe* fafrt, *|t 3J*1

DENTATA N. Schreb. ... Capitulum ...

Subdivisio II. ACETIKIDUM I.

2352 HtMIAC'lttil-* DC.

{DC. Prodr. V JIJE ^^ H^J .. b-..., |t Ait m '}

LUTINOSA N. Schreb. ... Capitulum ...

Subdivisio III. XANTHOCOMIÆ DC.

2355. AM. PRIPALPES Torr. et Gr.

{Torr. & Gr. ei Mat ^^liMrtr*- fl^vm: in ^ni/jatt I. *nl J

capitulum ... involucri ... ligula ...

INTIL Torr. & Gr. L. c. — h — Cresell. ad d. Mohave inter Californiam ...

CGHPOSITAE.

UhiJ.i.hi VL SOUBAQIttEA£ DC.

1>1. IIPLOIMIM'L S Cossini.

- (DC. Prodr. V, 242, VII, 279. — WJL « N*p.;l- II, •92. & 967, VI, 150. & 151.)
1. R. LANATUS Hook. fil. J (iwlttit. of Hi Linn. ii. XX. •JVL —)>u' scaberrima
 «...H>» |mim: r>Li« »t<r>^jjA> ri» mificwr e linczi sp. HIJU* m
 girtulu vel «.» jlr Hnttu, WHr^iiiiMi rccchata crispata undulata, capillo
 scaberrima subulata, hirsuta > |pi>ihiiu' : sic scaberrima; linczi. linczi. linczi
 spiculis hirsutis hirsutis, datus lanata; floris. spiculis scaberrima
 lana, poppe parvula. M. 4it i (tlnrlint; achensis villosa, poppe setis plurimis
 a.* ><(tii)n<Hiitfci r>»-fcl. a. ^ — Cressit in Galapagos Archipelago.
2. • YORIFOLIUS Torr. & Gr. in Duch>tra, tt<VUr liwl. I. HI. - Dactyloctenium,
 4"iJ*k ir.tw »t ^<k* i,lt<i>,in:A M^r: dus: ramis inferis lobatis, apice in pe-
 talum longum subum ovocapitulum productum; foliis cuneatis subamplexicaulis
 elongatis lanceolatis spinulosis undulatis, vix modo turtis;
 nix utroque hemisphaerico glulio-L-cc • rra imbricatis grandibus scaberrimis,
 nix hemisphaerico-cuneatis, <...> («t nd (ur davis) 30—40 linearibus praedi-
 ppe, n. scaberrima villosa; linczi. linczi. linczi — Cressit in Galapagos.

1282. PYRRHOCOMA Hook.

(DC. Prodr. V, 242. — WJL. Reperi. II, 501. & 969.)

1. P. FOLIOSA Torr. & Gr. ex Benth. in Rees bot. 1, 31. — Ramulis et caulis
 perpendicularibus multicaulis glabris; caulis suberectis foliosis; foliis ovatis
 cordatis r—2-umbricatis, integerrimis, mucronato cuspidatis, venis in
 nervis linczatis umbellatis mucronato cuspidatis mucronato cuspidatis;
 suberectis cuneatis; caulis 2. dicit poppe angustis, 4 - Cressit in Galapagos
 noctibus.

Subclassis II, BACCHARIDEAE Lessing.

Divisio I, CORYMBEAE Lessing.

Subdivisio I, SPHAERANTHAE DC.

2393. BLEPHARISDC.

(DC. Prodr. V, 242. — WJL. Reperi. II, 501.)

1. BLEPHARIS DC. l. c. V, 242, no. 1. — WJL. Icon. plant. tab. 1004.
 2. BLEPHARIS DC. l. c. no. 2. — WJL. l. c. tab. 1004.
 LIVANI B

55. SPHAERANTHUS Vahl.

(DC. Prodr. V, 242. — WJL. Reperi. II, 501.)

1. SPH. TENUIS L. Diuina f. M. IV III, 2) 1847, p. 240. — Suffruticosus erectus
 caulis hirsutus lanosus glabrescente serrulatis in alas
 (caulis minus) multicaulis longioribus
 pitula ovalibus, peltatis linczatis sequilibus vix paulo longioribus, semper
 saepe albis. — Nervis 2—3-petalis, linczatis purpureis. — Cressit in vallibus
 Madagascariensis, Madagascariensis et prope Rima Madagascariensis. Probeding in linczatis
 •MM addenda.
- SPH. RUFUS WILLD. - (DIM. WJL. Icon. plant. tab. 1004.
 23 V7, • «LI«OM1MS H HL
 (WJL. Icon.

Capitula

capitula salutaris sessilis c. quinqueflora. Flosculi
 callosi gradibus tri- annulatis quinqueflora.
 & foemineis bifidis, in hermaphrodito indivisus. Ac

1 *... p...* *... fHUIIY* *... giaornni. p...*

1 tun, *... culuim, flumli Uon^ftjUrodiU tqunmtliJTofurrJ*, *... iittumc forMaiite*istato.nuuTvuoUH*, *... r. ubirunc*Lie. circa HOSCU* *... lifat>r> tu.*

*O. (SPHAERANTHUS Horn. — DC, Prodr. V. 370, no. 2.) *ΔHiii.i,\rHomes*
Wght. L. c. — @ — *Crescit in India orientali,*

Subdivisio II. GRANGESIÆ DC.

239 *Δ. mtmtmt.i» aiii.,\ /,r.*

(DC, Prodr. VI. 371. — Wight, Report. + II. 334.)

*D. CHRYSANTHEMIFOLIA DC. L. c. 372, no. 3. — Wght. Icon. *j'ixii. tub* 1003.
*D. LATIFOLIA DC. L. c. no. 9. — Wght. I. c. tab. 1005.

2397. GRANGIA Adams.

(Di^T hr-nif. V. J:i, — tVJfd Art. -li. 5EMj

GR. MADEIRASPATANA Poir. — [Jt.f... 171 ti.. 1.1__vght. Icon. plant. 1001.

259E CV*TIICHM\i. Cassini.

(DC, Prodr. V. 373. VII, m — M't,«. Hr.,Hri. *tt M

K ! *LETTA* *... u«, — • Kuit* r««* *... rdill.*
*... k*Mi «d-ies*

YIATA Cassini. (DC, L. c. V. 373, no. 4.) — Wght. Icon. *1001.*

Subdivisio III. EUCONÆ DC.

2405. CONYZA L.

L. *pfttfc v* 377. & VII. 281. — Wight, Report. + III. & III. 11. ts

... UUT M 4 VM 4 CM -

... tMft I. H. lu

... MANIA *... tMft I. H. lu*

... MELANOLEUCUM *... tMft I. H. lu*

... MELANOLEUCUM *... tMft I. H. lu*

... MELANOLEUCUM *... tMft I. H. lu*

i'iu6. rii.%<-\.%i.fjN Cassini.

(DC, TrtFr f.JWwVL 134.)

1 *MELANOLEUCUM* *Webb in Hook. Niger Exped. 135. t. 0. — Book<t, lon.*

... ^ktiiaJauceoUH, jw^ribm wrp^ pnllinri>ja< 4f*

gine versuta i undulata, in peltatis brevem attenuatam, junioribus saepe 2-3-fida
 ferebatur, supra tumida alba annuata densitate teretibus, nervis atro-virescentibus
 tina alba lomentosa; pedunculis ad apicem ramorum vel in axillis superioribus
 peltatis solitariis vel geminis 2-3 dichotomis bifurcatis ramulosis, 4-5
 (6); involucri campanulati glaberrimi stragulae apertae tuberculatae, exteriori
 vixita, media oblonga, interioribus linearibus, occipite annuato denticulato ap-
 latis; capitulis peltatis heterostachyis; laminae ramulosa tubulosa, geminis pluri-
 tubulosa bifurcatis campanulatis, stylo crasso, rima elongata obtusa, basi
 phendula sub seto 2-3-4 J III. II. I. denticulata, lobis basi stipitata crassa
 styli rima crassius superne claviformibus, apice cu- = crassa stragulae papilionata,
 recepti = styli subcompressa ovalibus; pappo alio
 alveolato, sericeo = lobis, hemisphaerico 2-lobato, 2- = Cere

Subdivisio IT. *VltCCBJM IDEAE DC.*

2410. *BACCHARIS* Linn.

(DC. Prodr. V, 329. 4 VII. 281. — Wipr. Repert. B. XII. 4 III. VI. 124.)

* K. SPATHULATA N. Schauer, *Linnæa* XIX. 74. — Fruticosa glabra, ramulis
 tenuis; ramulis subcorymbosis striatis; foliis subcoriaceis teretibus spatulatis
 rima obtusata, peltatis in basi petioliformem rima obtusata striatis
 arenatis; capitulis 2 in pedunculo axillari latere subsuperne vel terminali
 simpliciter campanulatis subglobosis; involucris hemisphaericis apertis obtusis
 stragulae, margine membranaceo = 1 subtrilobis lobis, 2 = 2-3
 peltatis. — Crescit in M» v l i — i unquam subtrilobis.

2. B. ASPERULA N. Schauer l. c. — alis, peltatis calce attenuatis et integrissimis
 (4); foliis oblongo-runc, B. arenatis, striatis specie rarisimo-papilionata, a
 subcompressis dentata subsericea. Balle in corymbis terminalibus subcompressis
 profferis; capitulis 2 peltatis l. = lanceolatis acuta, apice
 involucris «Bt» = lobis; pappo 4. — Africa E. Kufupou II. B. Kh. — Crescit
 hirtis; arboribus crebris, 2
 Zimpou in »
 LXX
 Li mrrJ» addendae.

E. MAGELLANICA Poir. — (DC. l. c. V. 463. no. 51.) — Hambr. 2 Jaqu. Va
 Pal and Bot. JBS
 k. — (Itlirt. ||. 526. no. 12.) — Hambr. 4 J

Subtrilinit .11. *ARCHIVANTHAEAE* Linn. ig.

Divisio II. *PLUCHINEAE* DC.

2415. *HELUMEA* DC.

(D4 i Prodr. V. 412. 8 VII. 282. — Wipr. H'Kf<, 'H. ffl». VI. I²⁴¹.)

1. III. LACEDA Zollinger, *Flora* (B. 2.) 1847. p. x subsimplici, foliis
 sub-ellipticis marginibus denticulatis pubescentibus, caudibus subtrilobis pinn-
 acris oblongis; racemis compositis, basi subsolatis, ramis divaricatis; c-
 subcylindricis cylindricis; involucris apertis linearibus
 apice sublobato peltatis, rima dila- vix longioribus; laminae numerosis
 ultra glabris; achaculis teretibus; pappo subtrilobis. 2. — Crescit i
 Java in plantis et collium locis humilis.

2. III. ZAYANCA Zollinger, l. c. — Tota mollissime toeris lanuginosa; fo-
 liis ovatis peltatis, «., superioribus orbiculatis obtusis; foliis ob. It tan-
 capitulis denticulatis, panicula lura; capitulis lato cylindricis; involucris
 lobatis anguste linearibus stragulae; 2- = 2-3
 pappo vix 4 i = lobis late
 4 i = lobis late

SAKATHIA Zollinger l. c. 322. — Anax parvis (4 — 5 ped.); caule simpliciter, teretibus, basi oppositis, tenuissimis argute denticulatis, hirsutulis, pubescentibus, rarisima hinc et ibi pilis prostratis, basi hirsutis, capitulis fasciculatis, multifloris; involucri squamis linearibus acutiusculis adpressis pubescentibus; caule callosa rugoso. ☉ — Crescit inter saxa in apice ad pedem montis Walertia ubi, l. c. n. in Java.

..... Zollinger l. c. 322. — Caule robusto (robustissimo); foliis inferioribus ovatis, medio et superioribus subcaulibus obovato-oblongis acutis, basi attenuatis, inaequaliter **tr *r** potius calli...****gaulo-dentata**, supra scaberrimula, subtus pubescentia, margine argute recurvo **•liit** panicata stricta basi, pedunculis capituliferis divinis, nervis mollissimis tomentosis; involucri squamis linearibus, latissime angustatis disti longitudinalibus, receptaculo hirsuto. ☉ — Crescit in Java in partibus superius circa ad 1000 p. m.

L. NITIDA Zollinger l. c. 322. — Robustissima: caule simpliciter; foliis elongato-lanceolatis acutis, basi in pediculis antichloris longe adpressis argute serratis, superius alba nitida (intermedio scaberrimula), subtus pubescentia, panicula stricta elongata nervosa laxa; involucri squamis valde appressis, spino lanatis, margine rubescentibus, linea elongata hinc et oppositis; receptaculo hirsuto. ☉ — Crescit in sylvis calidis prope Lamahang Tera provinciae Malang, circiter 1000 ped. a. m. in Java.

† **Genus addendae.**

ALATA DC. l. c. V. 48. no. 90. — Wight, Icon. plant. Ind. 1161.

TERACHOLIA DC. l. c. 142. no. 31. — Wight, l. c. tab. 1023.

ERODONTA DC. l. c. 438. no. 92. — Wight, l. c. tab. 1160.

2420. EVAN Griseb.

(DC. Prodr. V. 438. — Wight, Report. II. 329.)

DISCOLOR DC. l. c. 439. no. 4.

et. micrococcioides Willdowson, Boten. Zeit. V. 327.

In plerumque singulis; foliis linearibus capitulis densissimis congestis longioribus; involucri pubescentibus. — Tota planta lanata. — An species distincta? — Crescit in terra Novae Hollandiae culturae regionis alii ****"** partem.

Subtribus IV. **INULEAE** Cassini.

Divisio II. **CAESULIAE** DC.

2438. CAESTLIA Hook.

(DC. Prodr. V. 462. — Wight, Report. II. 331.)

AXILLARIS Hook. — DC. l. c. no. 1. — Wight, Icon. plant. Ind. 1162.

Subtribus VI. **ELIPTAEAE** Lessing.

2451. SEGESHECKI

(DC. Prodr. V. 407. — Wight, Report. II. 331. VI. 145.)

OKUSTALIS Him. - l'i'. 1. * n. 1. — Wight, Ivan. L'liut. t. 6. 1102.

Tribus IV. **SENECIONIDEAE** Lessing.

Stir ; • . i **X&LAMPQDtEAE** DC.

Divisio

2458/1. MICROCOECIA Hook. fil.

(Wight, Report. II. 311.)

REPENS II. - 1. || <, TMMtrt. of the Libr. Soc. ti. 309. — ☉ — Crescit in

Galapagos.

EUPATORIUM

2451. **ICHTHYOTHERE** Mart.

(DC. Prodr. V. 364. et VII. 281. — Wipex. Report. * II. 501. VI.

1. **L. CURVIFOLIA** Moench. Pl. nov. d'Amérique 130. f. tab. 85. — *Herbario Martiana*
caulis striata; ramis oppositis; foliis oppositis 1-2 nervis elongatis
basal subcordata, saepe plicata et curvata. 2. — *Crescit in Brasilia ad*

Diuisio III. SILPHURAE DC.

2474. **sii - rim n** *Lim.*

(DC. Prodr. V. 311. et VII. 285. — Wipex. Report. II. 501. et 573. VI. 521.)

1. **S. DORONICOLAUM** Kunt. Linnaea IX. 30. — *Caulis prostratusque teretibus*
latis; foliis radicalibus ovatis, profunde cordatis, dissectis ramis suboppositis
tri-lobatis, supra scaberrimis, ciliatis ovatis, oppositis basi lata amplexu
libra, inferioribus alba pellucidis; capitulis laxis paniculatis, basi ramulis, involu
bris squamis ciliatis ellipticis, exterioribus abbreviatis; foetibus radii annuatis; ac
ulis albis emarginatis, irregulariter quadridentatis. 2. — *X. tricholacrum* L. a
quidem illic *Synanthus*; foliis radicalibus magis oblongis, basi in petiolum ter
tium decurrentibus, prope apicem vertice dentatis, pubescentibus, ciliatis
obtusis serratis, squamis involucri scaberrimis, squamis squamis albis, did
ta. — *Crescit in Promontorio Duroe apud*

2. **S. LAEVE** Hook. Journ. of bot. VI. 341. p. — *Glaberrimus glutinosus ele*
caulis superius dense foliis striatis; foliis suboppositis radicalibus ovatis
elliptico-ovatis, sicut in petiolum brevem attenuatis plurimorum subintegerrimis
via putredine appressatis, caulis (superioribus) ovatis subulnis squa
mibus amplexu-ciliatis; capitulis ciliatis in axilla squamis; involucri
imbricatis ovato-lanceolatis membranaceis reticulatis venosis. 2. — *Balsam*
alpinae Gussonea. — *Crescit in planities „Cout d'Alain“ in Americ*
septentrionali.

2475. **UHDEA** Kth.

(Kth. Index tenuis. in hort. Berol. collect. 1847. p. 11.)

Capitulum multillarum ^{i, h' : ^ . "}un. floribus radii miseratis 10
lix neutris, disci tubulosis hermaphroditis. Involucri foliis subtrinis
folliseta lanceolata acuta inaequalia. Receptaculum convexum paleis
paleis ovatis acuminatis, ovarium amplexu-ciliatis. Corollae radii
latae, disci infundibulari-tubulose, limbo quinquefiduo pileae. Anthe
exsertae. Styli superius distincti ubique papillosi et recurvati, supra
sem parum dilatatum acuminati. Ovarium oblique obovatum, latera
2; siliaculum glabrum oppositum. Fructus ignotus. — *Suffe*
erectus elatus **nmnm** *Folia opposita petiolata bipinnatifida, infer*
planatifida rigida p **u, Uc** *inlis serratis. Capitula in ittico raro*
per paniculam densam co *ram* **lutca.** — *Diifert 4*
Xima Arizumari ovario epapposo et habita.

* **L. U. BIPINNATIFIDA** Kth. L. S. — *Polygonia gracilis* Hort. Berol. — *Cres*
Mexico.

Diuisio IV. AMBROSIAE DC.

2480. **X. rntt n TVn** *ref.*

(DC. Prodr. V. 7

1. * **X. BREVIORIS** Wedd. — **rwi** *n. tH. nth u.)* — *X. radicans*
Berol. 1846. — Wigt. Icon. plant. tab. 1104.

2481. **FRANSEHA** Cam.

DC, r«nJf. V. fli*. - Wjpu. Repr. rt. II. 600. VI. 133.)

1. **FR. DUMOSA** T*TT. * *Frwoml to Duchartre, Revue bot. II. 52. — Trutes*
dalla squarrosa-ramosus; folia pinnatifida vix pinnatis, juvenilia cum ram

... tuberculata, involucri 5-7 series integras v. laciniatas; capsula late apiculata; filium involucratis 5-7. ...

Diagn. VII. PARTHENIÆ DC.

2491. MOONIA Arn.

(DC. Prodr. VII. 283. — Wigt. Report. *H. 607.)

M. ARNOTTIANA Wight, Icon. pl. Brit. Ind. II. Q — Frustrata ovata truncata; foliis oppositis inaequaliter pinnatifidis, lobis terminalibus ...

Subtribus II. HELIANTHEÆ Long.

Tribo I. HELIOPSIDEÆ DC.

2495. WYNTHIA Nutt.

(Wigt. Report. II. 981. et 987.)

W. SCABRA Hook. Esq. Journ. of bot. VI. 281. ♀ — Tota scaberrima; foliis oppositis lanceolatis sessilibus trinerviis mucronatis; involucri squamis late subulatis, margine ...

2496. WEINERIA Jey.

(DC. Prodr. V. 528. et VII. 283. — Wigt. Report. II. 986. et VI. 107.)

YENIDICULIS Hook. fil. in Transact. of the Linn. Soc. XX. 213. — Herbaria obscuriora; caulis gracilis teres erectus, squamis ...

F. LINEARIS Zollinger, Flora (R. Z.) 1847. p. 511. — Herbaria obscuriora; caulis scaberrimus; foliis subnullis linearibus sessilibus acutis, mucronibus 1-2 ...

¶ Species addendae.

CALENDULACEA Less. — (DC. l. c. 528. no. 25) — Wight, Icon. pl. Ind. II. 107.

YNTICAEFOLIA DC. (l. c. no. 10) — Wigt. l. c. no. 107.

2497. JAEGERIA H. B. K.

(DC. Prodr. T. MZ. — Wigt. Report. *H. 8000)

GRACILIS Hook. fil. in Transact. of the Linn. Soc. XX. 213. — Annuis perennis; caulis prostratus ascendens elongatus ...

PROREPETS ttoqn IEL. I, c t̄iR. IIJ.. — f̄iltifto } ubrtcr<i gracilis; caulis repente ...

caulis tuberosus hermaphroditus; stylis raris sessilibus, siliquis sessilibus
capitulis tuberosis.
Crescit in ...

EPALMIS

caulis 4 1/2 ...

Pl. ...

a5(0. woixjrrstA ftp,

(DC. f*c*ilr. V, (ML VJf, r 0. [ext. 3 2.] — UJ)

I.'W. MI tUKA DC. U ft. M. 'i — ««lil. Ion, |.tiJ.i- tkt liift,

2506/1. *MACRANA* Hook.

(Vigna. Report. 6*V ...)

1. ¹ M. LAAICTTOtU Hipufc, ill, Tf#aiai t. at Utit U M . MO. XX. 310. — ^ -
necula Galapagos,

2512/1. *SCALEZIA* Arx.

(DC. P... f. vii. J& — wp?*, Rep)

1. *SC. INCISA* Hook. & Th. in Transact. of the Linn. Soc. XX. 210. — Scaberula: foliis
marginibus longe petiolatis ovatis ad medium planifloris, lobis inaequaliter serratis
pedunculis ...
2. *SC. UNICULATA* Hook. & Th. l. c. p. 211. — Pubescent: ramis elongatis
in ramis terminalibus petiolatis ovatis longe acuminatis integerrimis, utroque
marginibus ...
3. l. c. p. 211. — Scabro-pubescent: ramis gracilibus ...

ifrh:*ili

i4 r • ! i lim, i

•fete riHttealtoi f-lb» i M l t d t l * f—al •
•h< Vrtvl-T |M4itU4i «-tt-*ti, ball *ill.:!*, iinpliulk kr*»J

Wit JO J «*t||fet

4 «K t.t.<mrau B-«*_ *J l. c. p. 212. — Pubescent: ramis v*U!u. supremis
lobis longe petiolatis ovatis longe acuminatis acuminatis, utroque
marginibus ...
3. *SC. AFFINIS* Hook. & Th. l. c. — Pubescent: foliis ovatis acuminatis, in petiolo
longe gradatim attenuatis serratis, lobis brevibus, utroque
marginibus ...

Di... CUREPSIDEAE Lamj.

2538. *HELIANTHUS* Lam.

radix. V. 545. et VI. 281. — Vigna. Report. II. 802. VI. 1862

«*«ili ACEN f.»I^ B«-k. 1.^-:

1. *Helianthus scaber* L. in Systema Naturae, ed. 10, p. 1217. — Folia ovata
longe petiolata in petiolo acuminata serratis, pedunculis pubescentibus
capitulis sessilibus tuberosis ...
2. H. EDWARDSII Schum. in Ann. Mag. Nat. Hist. Lond. XIX. 726. (non Meyer.) — Petioli ovati
obovati obtusis, induratis striatis hirsute canaliculatis; folia opposita breviter
attenuata ovata longe petiolata, ovata ad apicem serratis, basi trigonatis
...
3. H. ...

185 Jul.
collicaria, Jov

Dictio V. VERBURNAE, Lamg.

> 47. LIP (MIMI ft DC.

(DC. Prodr. V. 48. et VII. 24. — Wigt. Report. II. 47. et 97.)

LANTANUOLA S. Schauer, Linnæa XIX. 729. — Cauda herbacea, ramosa; Folia
obovata, serrata, basi pedunculata; ramis distichis subsessilibus, foliis
oppositis petiolatis ovatis acutis serratis, basi stipitata venis rugosis, supra
pubescentibus; ramis distichis subsessilibus distichis longe pedunculatis ad basin
nerviis foliis ovatis basi serratis bracteatis; nervis...
ffcaHMMMM WBMtkk* - hani, ex' u... 111... r... g...; schama com
prensio subulata hirsuta. — Prodr. V. 48, et VII. 24, et Colorem et
aperturam involucri ligni dicitur. Folia simpliciteria v...

2556. kilt in SINA Lamg.

(DC. Prodr. V. 612. et VII. 24. — Wigt. Report. II. 48. et 97. VL 176.)

V. CAPITANEA S. ab E. Linnæa XIX. 729. — Cauda herbacea subsimplici molliter,
foliis oppositis integre decurrentibus oblongis dentatis, utrinque asperis; pedun-
culo terminali elongato; schama radiis molli, densi...
tur Gynobasium et Fochinina. Capitalem magnam...
- Cauda in Mexico.

2563. bra' ANTHEUS / *

(DC. Prodr. V. 628. — Wigt. Report. II. 49. et 97.)

Zollinger, Flora (D. Z.) 1847. p. 204. — Squaræ erecta, tunc binate
la...
- Cauda -4 rupa...
- Cauda in Java.

Irona addenda.

CALVA DC. (D. Z. 6 & ML Jt) — Wigt. Report. fiiu»L Ub. III*,

2567. CHRYSAN iitnun IX

(DC. Prodr. V. 628. et VII. 24. — Wigt. Report. I. 1.)

R. PUSILLUM Hook. et G. in Transact. of the Linn. Soc. Lond. 1814. — Antheris
...
- Cauda in Allomaria Island.

2564. GLOSSOCARDIA Cassini.

C. h̄ jj. r,nL - Wigt. Report. II. 49. et 97.

i C. L. & m. I. — Wigt. Report. pl. tab. 116.

Subtribus IV. TAGETINEAE Cassini.

Dictio I. TAGETINEAE DC:

2571. TILITIN 7w def.

(DC. Prodr. V. 642. et VII. 24. at — Wigt. Report. II. 54. VI 174.)

T. REMOTIFLORA K.: «, Li-IM XX. tt> r — Cauda...
...
... longe adistata, gramer

umbellae tubulosae hermaphroditae ramis erectis; achaeolis omnium
 capitulo columnari
 var. β . minor: var. LILIBI, 37
 Creca in Charles Island **id t4 mar. p.** In Jiunei Wund.

250

DC.

<DC. IWR V. β i. VII. m [wet « Lt | — M^AEI. R<peri. 'II. 603, 791
 I- * tt\ BJtLOIU DC 1. c H(K 3. — W\$H few, ylaitt. Ub. lite,

25

06/, HA0tAEA Hook, fit,

I. * at LARfcIFOZJA Uook. JiL Ttmio^i, vf UUi Ltnn< ftott, XX, 'J'J. — ^ -

25 ia/>. SC.4LR**IA Jr<.

fim'. 1*1**1*. VII, SOB. — W|itt.. G<peri. 'II. <[>1.)

P¹ II

1. SC. INCISA Hook. fil. in Transact. of the **be I** Jan. 1800, XX, 210. — Scaberrima; f. scaberrima longe petiolatis ovatis ut nif,likjin (iii) **natissima**, lobis inaequaliter serratis, **htmai*** breviter solitariis ter. **Kiijli ctjiitoitn** dismutatis; involucro cylindrico; **>4<nli MfBuata tn*J;i** (j t — tVieunt tit I'H^IMIII UUIMI.
2. SC. PEDUNCULATA Hook. fil. l. r. [t. -Jtt. — Kttiittki^tx: **ri>ii>** ijr<[r'itrosky] (et in '«"» tWH>i>IHM petiolatis •vaO* logp* - #«- minutis integerrimis; utrinque pi ^<HIULi*tj ymAm- de ovatis «I ••iHl«, fitltolg trij;itn Ion. I ribus; . 4MiuJt disti m^juu JILJ U «I et breviter campanulatis ii>. tj — I'rr4i1l iit Janu-k ltil,4n>.
3. SC. DARWINI Hook. fil. l. c. 211. — ^et kwHjtittuwscnrj nnila gracillibus •a4u (KURiuui*, f iUt trnuM>lt^4i rpi:uri Is U'i^i<Mir>r linrrir lanceolatis inte wi i;rn.i-r prU*Uii> 4*rH<ia, >*m vklMiDi ritjiiulb fimriMtnn¹ < funiculatis presso-hemisphaericis; involucro a staminibus subfoliaceis elongatis, extra villosis. In Creca **la ><*r* til tuft.**
4. SC. GU WULF I IIV fix A, IL L *. p. lil. — Pubescentis; nuuli vullJin. supra lobis k>t-., felti* petiolatis o ovatis ovatis; utrinque attenuatis a lobis, in petiolatis **MBItyluM; JciJlnCUl** gracillibus solitariis, petiolo squilloni capitulis parvis radiatis cylindricis. i — Creca in Albemarle Island.
5. SC. AFFINIS Hook. fil. > AL L *. — Hi? **ovatum**; foliis ovatis acuminatis, in petio- lobis breviter glandulis **mbi** gracillibus peti- multo longioribus; capitulis radiatis (r,*,*,*)IU rtm>llt(TUllJ)' < — CrtttU lit I'll Island.

Diels tt/. CORT:ois<iik AE. Isoug.

"Ctli.

2538. HELKANTHUS Linn.

rectus elatus & innatitida rigi. Prodr. V. «1. «t TO. 'SH'. — W. (v. Hel-it. II. 606 VI. H 5.)

ju lica in JOENERVIS Hook. Lond. Jour. 9. li>r. VI. itt. — TiäW «TMTI a L1

1. **Acuminatissima** plantis brevibus, dialtis oppositis in petiolum brevem attenuatis; involucro campanulato; lobis ovatis longe petiolatis in petiolum sensim decurrentibus; pedunculis pubescentibus; squamis involucro interioribus ovatis "UltC<-<[al]k, rxlii riaribus J'ogiaribus ac alaribus subfoliaceis ciliatis; capitulo intermaximo, radii discalis longis sub- rous. 2. — Creca in America septentrionali in montibus „Upper Plate“.

XtS

2. H. HUMOSUS Schum. & Thonn. Linn. Jour. 728. (v. Mey>i. l — Perennis; rmi' sta subvixi striato, velamento strigoso-hirto canescente; collis oppositis lanceolatis utrinque acuminatis breviter petiolatis, ovatis et ovatis serrulatis, basi tripliciter non-rugosis, — scaberrimis, subhis lacinis, veli hirtis, ovatis tumidissimis, ovata terminali suboblongata; capitulis pedunculatis; involucro squamis hirsutis append. («!>», apice rebeco squaroso. ... rous subhirsutis, vel il in i r.ii u • **MUttiKU** obtusissimis; achaeolis scaberrimis hirsutis. 2. — Creca in Andeco.

milliJTU, ju

Divisio V. VERBESINAEAE Lamour.

2547. LIPOCHAETA DC.

(DC. Prodr. V, 618. et VII. 211. — Wight. Report. II. 618. et 587.)

LANTANIFOLIA S. Schauer, Linnaea XIX. 723. — Cauda herbacea subscandens; ramis dichotomis striatis, ramis pedunculatisque scabris hirsutis subramosis; foliis oppositis petiolatis ovatis acutis serratis, basi triglobovatis venis rugosis, supra pubescentibus, subtus stipulis hirsutis subramosisque sinuatis subtus pubescentibus; capsulae sessilibus teretibus calicibus longe pedunculatis ad haec latram sessile parvis hirsutis hirsutis; involucris squamis alpinis ovatis sessilibus recurvatis villosis, calicibus dactylis strigatis, reliquis glabris; achaeniis compressis subrotundis hirsutis. — Pyralium exim L. strigatum DC., sed foliorum et squamarum involucralium figura distincta. Folia sempervirentia v. pubescentia. Flores laet. ♀ — Crescit in Mexico circa Xicocotin.

2550. VERBESINA Lamour.

(DC. Prodr. V, 612. et VII. 211. — Wight. Report. II. 620. et 587. VI. 176.)

CAPITANEA S. ab E. Linnaea XIX. 729. — Cauda herbacea subscandens mollis, ramis oppositis longe decurrentibus sublonge dentatis; utrinque squamis, pedunculis terminalibus elongatis; achaeniis rotundis mucosis, disci lobatis. ♂ — Anagyris Gymnosomatica et Verbena. Capitulum napaeum, radiis crucis. — Herbar. in "Capitania", qui dicitur videri ad montem calicem equis multaque radiis factis. — Crescit in Mexico.

2553. SPILANTHUS Lamour.

(DC. Prodr. V, 620. — Wight. Report. II. 621. et 587.)

Zollinger, Flora R. Z. DC. p. 511. — Superne erecta, tota hirsuta et hirsutis hirsutis; foliis late ovatis serratis vix subramosis sublonge serratis; pedunculis sessilibus 4-5-pla longioribus moncephalis; capsulis elongatis, apice parvis subrotundis. ♂ — Crescit ad ripes montis hirs. hirs. provinciae Calicut in Java.

Icon addenda.

CALVA DC. (l. c. 620. no. 30.) — Wight. Icon. plant. Ind. 1193.

2562. CUIT VALLUM Reich.

(DC. Prodr. V, 620. et VII. 211. — Wight. Report. II. 623.)

PUSILLUM Reich. II. in Transact. of the Linn. Soc. XX. 314. — Anagyris glaberrima; caulis gracillimus ramis; ramis ascendens, foliis oppositis petiolatis ovatis serratis, lobis hirsutis subrotundis; capsulis longe pedunculatis hirsutis; involucris sessilibus hirsutis; apice hirsutis, disci quadrifido; achaeniis sublonge striatis hirsutis sublonge glaberrimis calicibus. ♂ — Crescit in Abomeo Island.

2564. GLOSSOCARDIA Cassini.

(DC. Prodr. V, 621. — Wight. Report. II. 623.)

(DC. l. c. no. 1. — Wight. Icon. pl. Ind. 1110.)

Subtribus IV. TAGETINAEAE Cassini.

Divisio i. TAGETINAEAE ML

2580. TAGETIS Tournef.

(DC. Prodr. V, 621. et VII. 211.)

REMOUFLORA Kunz, Linnaea XX. 34. ♀ - CanJo H*o vrecta 4ichula>t j f<. lina (glaberrima) inferioribus oppositis. - erioribus alternis pinnatifidis, segmentis subultratis, ad 12-jugis, lanceolatis et linearilanceolatis, apice longe aristatis, grossis

serialis, serratis longe cristatis, raris demum monocapitatis.
fere oblongo 5-dentato, dentibus obtusis ciliatis, versus apicem 5/8 com- involucri
5 amplissimis abbreviatis retatis. — Crescit in Mexico. andaliferis

2580. XI¹OLLETI.1 A, Oraff.

(A. Gray, Bot. Zeitung V. 39.)

Capitula heterostachya pimdradUU (tmflifluru- Involucrum Mini
nulum c. MJU; 8 uniseriatis, basi i—2 KqittwuUi calcreatum.
c«pu«mlum conrexom alv«olatum. < at 'o'... 'is'•; regu. 5-dentato. St
mini uf.jjciidhv Aubnlfta hiapWn termiiaij. A< haenia elongata gracili
cftneaoonti-pubcfiCentJij Pappus dtijilu*, *h corolla brevior, exterior
set

apice 5-dentato, medio nervo for-
•caloram excurante. — Herba (aemua?) humilis ramosa. Folia micro-
pinnatifida et l... irr carno- (eglandulosa?), lobis rariisque linearib.
Capitula terminalia solitaria fere sessilia magna (fere 1" longa), fol.
1—2 involucribus ad basin. Corollae luteae.

1. * N. OCCIDENTALIS A. Gray l. c. — — Crescit H ABf Ir^1
i akwiU fat

Sulcatum V. II K... — Prutescenti ram...
Dirid...
Subdiv...
2599. Chayr...
UJUtl HEAE DC.

(OCPv«i r. V. ...), ll. S«W*»rttf DC.

Depressa villis tomentis
(4—5-actibus) sparsis. l. D. 211. VII. 20. — Wipr. Heper...
demum glabrate, segmentis...
Involucris fere integris, septi...
bus; pappi palea circiter 2...
U»k — • 194; capitulis radiatis mag...

Dirid...
2603. TETRACHYRON Schrad.
(Schrad., Linnaea XIX, 214.)

Capitula heterogama, floribus disci regularibus hermaphroditis, r
lingulatis foemineis; involucri squamis elongatas pauciterides imbric
Receptaculum bracteolatum, bracteolis oblongis flores ann sequant
Persistens fructus basi includentibus, Achernium annuon,
nullis lanceolatis acule ciliatis erectis ad angulos instructum.
I. Y. MANIBATUM Schrad. l. c. — Folia glaberrima; ramis striatis
pappi persistens pubescentibus circiter, apice styge v. squamis axilla trichob
rynchos, ramulis utrinque capitulis imbricis alternantibus. Folia ovata
oblonga lanceolata, utraque anguste truncata, lobis vix petiolatis, nervis
entis acuta incurvis serratis, nervis pallidioribus, nervis vix petiolatis, nervis
opposita utraque sub angulo ascendentes et secus nervum procurvantibus
inversis connatis brevibus ramulis in dentibus ciliatis...
Prominentibus, Folia 4 poll. longa, pulchra circiter medio lita, superius
laevissimis ramulis minoribus. Bractea sub imbricatis ramis imbric
latis, interioribus parvis, superioribus mucronatis squamiformibus. Bractea
tertia alba hincdem in ultimo ramulo simplici capitulis occurrente.

Utr^

ovoidibus spatium inter loborum bases occupantibus (ligularibus parte ovata loborum
libre lapsas circumscriptas repetuntur ramosa multique elongatis), cordata compositissima
multicaulis multicaulis 2-3 lin. longis, superioribus minoribus. Capitula 2 lin. dia-
meter alba, basi nigrescens. Involucrum squamis oblongis subrotundis vel oblongis, rotan-
dum, apice et margine magis tenuibus ciliatis, quarum exteriores junctae lon-
giores sunt. MOX abscidit in bracteolas, quae singulas flores singulas hae ipsae lon-
giores ciliantur, ita ut exteriora haud ut compositum videntur. — Crescit in Mesid.

Divisio II. GALINSOGLAE DC.

Subdivisio II. SPHENOCYNEAE DC.

2699. **ipussec** *IPUSSENE* DC.

(DC. Prodr. V. 181. — Wipr. Report. 0- Mi. VI. 182.)

SPH. (Zosterophyl) BRACHYLOBA Kuhn. Linnaea XX. ... de virgula
ramosa, ramis brevibus pubescentibus, foliis petiolatis, parvis, ovatis pinnatisectis,
longioribus utrinque 1-2 nervibus subultra-pinnatis, foliis inferioribus et superioribus
pubescentibus apice ciliis et fasciolarum vestigiis, pedunculis elongatis brevibus
pubescentibus, involucris squamis exterioribus lanceolatis acutis, ligulis in virga subitas
pubescentibus (de alba purpureo-roseis), involucris subultra-elongatis, paleis tri-
partitis lanceolatis, acutis, subultra-elongatis. — Crescit in Præmontorio bonae spei.

Divisio III. MADIEAE DC.

2500. **HEMIZONIA** DC.

(DC. Prodr. • 60. — Wipr. Report. II. 331. et 300. VI. 184.)

HEMIZONIA Hook. fil. in Transact. of the Linn. Soc. XX. 208. — Glanduloso-
peltata, ramis parvis oppositis pubescentibus, foliis ovatis acutis lanceolatis
pubescentibus, basi parvis ciliatis, utrinque glanduloso-pilosis, capitula sub-
ultra-elongatis subultra-elongatis, involucris squamis brevibus lanceolatis, flores radii
pubescentibus, ligulis lanceolatis, involucris parvis subultra-elongatis, in corollam
subultra-elongatis subultra-elongatis. — Crescit in IrtUfw: in Archipel ...

2530¹. **DESMOCE** IMIVLI «I Hook. fl.

(Wipr. ... VI. 338.)

D. INLEGANS Hook. fil. Transact. of the Linn. Soc. XX. 208. — ☉ — Crescit in
sulca Galapagos.

2634¹. **CALLIACHYRIS** Torr. & Gr.

(Torr. & Gr. in Bot. ... VI. 81.)

Omnia Calliachyris vulgata, Calliachyris Torr. & Gray, sed pappus
noveboracensis, paleis 10-12 subaequalibus lanceolato-ovatis acuminato-
aristatis, alla paulo brevioribus, basi pilis 2-3 elongatis utrinque instructis,
ellipticis tubis pilosis. Herba annua vel biennis, facie omnino Calli-
achyris (Calliachyris) Douglasii.

— FREMONTII Torr. & Gr. l. c. — Crescit in California montibus.

Subdivisio VI. ANTHEMIDEAE Cassini.

Divisio I. EUANTHEMIDEAE DC.

2636. **AMMIS** DC.

(DC. Prodr. ... Wipr. Report. II. 331. VI. 185. et 734.)

A. THOTZALINA Cassini in sept. ex Herz. Del. sent. e coll. anni 1837. in horti bot.
Berol. — Caulibus basi fruticulosus ascendentibus erectis simplicibus paucicaulis
monocaulibus, monochaetis apice glabris; foliis junioribus albo-tomentosis

•M-^fc-III,

lobatis et acutis, hinc laevi arachnoideo tomentosis et rubescentibus, (f. pinnatifida), teres a basi tomentis, rubescentibus digiti subnatis bene crassis
 ramulis caulis ceteris vel tomentibus subpeltatis albis intermixtis
 lobis rubescentibus 2-5 corymbis, caulis apertissimus, inferioribus sessilibus
 lobis et bracteolibus, 2. vel 3-corymbis vel simpliciter simpliciter, glabris
 ad apicem usque foliatis. Folia coriaceis rigida vivida, supra laevi arachno-
 ido, subtus demum laevi tomentosis et albidis, costa media crassa sublimi
 subnatis pinnatis, nervis secundum axem supra pilosis hinc vel densatis, se-
 mentis et dentibus similibus apice in aristas propositas ceterum glabris hinc de-
 pectatis, foliis radicalibus bipinnatis corymbis corymbis, hinc pinnatis (aristis
 simpliciter, basi dilatata et inflexa longiore pediculis lobatis, interrupte pinnatifida
 segmentis majoribus 3-9 linearibus divergentibus vel lobatis, oblongis vel ovatis
 lanceolatis, longe aristatis (arista 2-3 linearibus longa) plerumque imbricatis, non
 nunquam subdividatis, aut vel triseriis (nervis laterilibus cymatophyllis, modis
 heterocentris, modo utriusque vel alteri lateri saltem uno - tridentatis, dentibus non
 majoribus, non minoribus, aequalibus vel imparibus stipulatis, foliis caulis
 apicibus apertissimis decurrentibus, nervis minoribus, inferioribus radicalibus cor-
 datibus et minoribus, caeteris oblongo-linearibus, profunde sinuato-dentatis, dentibus
 hinc utriusque nemorum plerumque integerrimis aequilobis, inferioribus den-
 tibus aristatis, caulis simpliciter triangulatis, lobis triangularibus caulis sessilibus
 vel rarius conformibus, inferioribus breviter decurrentibus, caulis 1/2 vel 1/3
 quibus decurrentibus aequalibus stipulatis dentatis, subnatis subnatis vel in-
 flexis. Calathidis peltatis linearibus, 30-40 linearibus arista corymbis simpliciter
 arista sessilibus vel subsessilibus, hinc rursus foliis subnatis albidis, arista hinc
 subnatis squarrosis, demum arachnoideo-tomentosis, tomentis albidis, squamis
 calliserales intertextis, squamis intertextis aristato-angustis propositis, (f. p.
 (f. hinc non videtur tomentis) heteromorphis, arista rursus integerrimis, arista hinc
 longiore-serialis, inflexis pergamaceis glabris plantaribus arachnoideo tomentosis
 glabris linearibus spatulatis, breviter aristatis, demum papillosis arista, arista hinc
 lobis, persistentis latius conformibus at subnatis lateribus et pinnatis longioribus
 figuratis, substantiis subnatis, demum subnatis, plerumque exterioribus
 paulo longioribus, in parte exteriori arachnoidea, caulis breviter caulis
 crassis ceteris aristatis, in arista vixime corymbis glabris ceteris hinc hinc
 longam demum, superius pinnatis vel arista pinnatis, caulis breviter
 lobis arista 2-4 lin. longis subnatis, a dilatata basi subnatis, segmentis non
 longioribus, exterioribus subnatis, in appendicem subnatis propositis, modo
 hinc arista arista vel oblongis, in appendicem subnatis propositis. 2-
 3

- 11. *C. PRASINA* Jach. & Spock l. c. 86. p. 136. — Glabra tomentosis foliis pinnatis
 radicalibus cymis radice et caule (aristis simpliciter). . . 2. raris (aristis subnatis)
 paniculatis rigidis flexuosis subangulatis cymis obsoletis, superius distinctis, albis
 hinc laevigatis axillaris, juxta basin (et calicem ovariorum crassis, ramulis albis
 nigropunctatis foliis flexuosis angulatis, pinnis divergentibus subnatis, superius
 paniculatis, superioribus integerrimis rubescentibus. Folia coriaceis rigida, hinc
 lobis, utriusque nemorum, arista corymbis et pinnatis crassis ceteris
 lobis vel arachnoideo-tomentosis propositis; foliis caulis et radicalibus (aristis
 corymbis plerumque breviter arachnoideo, inferioribus 2 1/2 poll. longis, non
 pinnatis hinc arista-oblongis, profunde sinuato-dentatis, dentibus utriusque
 serratis, vel hinc inde denticulatis minus stipulatis instructis, arista 1-2 lin. In
 foliis superioribus et ramularibus gradatim numeris tenuioribus et levius dan-
 phinque arista vel cordato-arista adnatis sessilibus semisimplexlobis, summis
 rarisque oblongis vel linearibus lanceolatis aristato-dentatis vel integerrimis non
 subnatis simpliciter vel subnatis. Calathidis 2-7 linearibus 9-12-linearibus
 arista terminalibus ac-cymatis crassis quasi sessilibus, plerumque folio 1-3 lin.

cap. facta glabra, aequali modo integrissima. limba adpartis marginis denticulata, umbra cympani denticulata, limba et profunditate submarginata. ...

C. PUGIONIFERA Jacq. & Spach I. c. 81. t. 115. 74. — Habitu Calceolariae, ...

cap. facta glabra, aequali modo integrissima. limba adpartis marginis denticulata, ...

cap. facta glabra, aequali modo integrissima. limba adpartis marginis denticulata, ...

C. ACTINOCEPHALA Jacq. & Spach I. c. 81. t. 115. 75. — Laetifera ...

lobis superstitibus confertissimis tuberculis obtecta; caule recto apice lobis
 clava subteriti, secus apicem cymoso-ranoso, lobis lobulatis, Juss. hinc pinnis
 cymosum crasse, superius tenuius alternata, sublonga, similes froni, lobis
 lobis albidis lobatis, sub lobulatis stramineo lobis striatis, similit J. pinnis
 appressissimis subfistigatis illi J. apt i

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C. BRACHY... r»Hi J C. l. c. VI. -U.—
 C. OLIVERI... l. c. 322. — Juss. et Spach...
 2861/2. **DEDEREA** Juss. et Spach...
 (Juss. et Spach in Weyr. Hesper. VI. 286.)

1. D. CERIFOLIA Juss. et Spach, Hesperid. plant. oriental. 88. t. B. c. 188. — H.
 laxis pinnatis, sub longis peristomatis longius alba pinnatis lobatis
 descendens sublonga, basi pollicem crassa, caulis subperistomatis, calice
 crassitie (mucronatum tuberculatum) erecta, styli foliaria angulosa striata, caulis
 medio lacero basi mucronato magis minus. Copiosa temperata, secus apicem
 rymdoso — orb. cartum simplicibus, natis similibus oculi et tenuibus
 schistigatis, simplicibus monocephalis, superius foliosis, inferne subulata vel pinnis
 foliatis; folia 7-8 — — — — — lacinulata integerrimis acuta mucronata pinnis
 prodiventis, costa media subius prominentiori secus apicem mucronata pinnis
 cursis, in utraque pagina (lobatis tamen subius) lacroso-tuberculata, mucronata
 radicalibus confertis; J — 7 poll. longa, plerumque pollicem lata, in pinnis 1 — 2

pinastida, segmenta lateralia acuta vel obtusa, deltoido-lanceolata vel ovata
 utriusque 3-5, inflexa breviter, sequentia gradatim majora, sequentem tendentem
 sunt hastata. Folia caulis inferiora radicalibus confusis et aliis et
 pinnatis vel subpinnatis. Caulis folia inferiora sessilibus, pluribus lanceolatis vel
 longi-lanceolatis indurcentibus vel brevissime decurrentibus, limbo cordato. Folia
 superiora sessilibus sequentibus superantibus hastatis vel oblongo-lanceolatis. Folia
 sessilibus brevibus sessilibus, quam dimidia, sub sessilibus 1/2-2 pollibus
 Anthodii floribus brevibus sessilibus indurcentibus. Squamae cartilagineae
 pressae striatae scarieuses glabrae appendiculatae, exterioribus deltoido-ovatis, in-
 terius ovatis, interioribus oblongis, longis sessilibus, omnes appendice magis
 Appendices triangularibus emarginatis indurcentibus cartilagineis striatis sine limbo
 striatis pinnatis pinnatis (trifloris sessilibus digitis), pluribus sessilibus vel
 duae vel distinctis, in squamis sessilibus et pinnatis interius indurcentibus non
 subrotundis, obovatis distinctis. Corollae corollae, vel alae duo breviter
 Achomae oblonga serrigata striata compressa. Pappus achomae compressa
 Caudex mucronatae N. — Cereis in Asia minor.

Sectio II. *AMBROSIODES* Jaub. et Spach l. c. p. 15.

Anthodii squamas mucronatas exappendiculatas integerrimas
 pro elongatas rufescentes, pinnatis sessilibus in toto ambitu serrulatis,
 limbo interioribus hastato-lanceolatis.

3. *PR. GYNOCLADIS* Jaub. et Spach l. c. II. 1. 2. III. — Planta alba
 strum subpedale, ramulorum habet minus erectum, sessilibus vel
 Caulis erectus firmus, nodulis ferrugineo-sulfureis striatis brevibus striatis
 squamis sessilibus (quae basi digitis striatis, interioribus interioribus pinnatis
 striatis striatis compressis, exterioribus pinnatis, interioribus sessilibus vel
 rufescentibus, exterioribus indurcentibus, in parte laterali striatis. Ramuli pedes
 firmi sessilibus striatis striatis remota, interioribus via longioribus. Folia limbo
 pinnatis reticulatis striatis striatis, utriusque sessilibus-pinnatis, ad costam (quae
 sessilibus) striatis. Folia radicalia ligata. Folia caulium inferiora, limbo pinnatis
 limbo sessilibus, inferiora et media decurrentibus, reliqua indurcentibus, limbo sessilibus
 pedibus longa sessilibus-striatis vel sessilibus subrotundis, striatis distinctis
 minus leviter, non pinnatis sessilibus, pinnatis 2-3 pollibus longis (quae
 utriusque appendices sessilibus striatis, squamis utriusque vel uno latere sessilibus
 Folia pinnatis appendices striatis, in toto ambitu serrulatis sessilibus
 ACT. etc. in lateralibus brevibus. Anthodii sessilibus. Folia sessilibus et
 oblonga vel oblongo-lanceolata sessilibus-striatis. Anthodii sessilibus. Folia sessilibus
 medio ferrugineo-sulfureis striatis) sessilibus vel appendices brevibus sessilibus
 non sessilibus vel distinctis sessilibus-striatis. Corollae corollae, vel alae duo
 alae simpliciter sessilibus (limbo lateralibus sessilibus) sessilibus, quam pinnatis, vel
 sessilibus limbo sessilibus appendices) sessilibus. Anthodii sessilibus
 indurcentibus, striatis sessilibus, quam sessilibus longis. — Cereis in
 potami.

l. c.
 l. c.
 l. c.

3. PR. M.
 Pinnatis

Sectio III. *ESPELLOIDES* Jaub. et Spach l. c. 1. 5.

Anthodii squamas in appendicem pergumescens scarieuses
 vel obovata, pinnatis-lanceolatis indurcentem productam; pappus breviter
 sessilibus, pinnatis, sessilibus in toto ambitu serrulatis, intimis interioribus limbo
 pinnatis.

ESPELLOIDES Jaub. et Spach, Illustr. plant. scandinav. III. II. 1. 4.
 tomentosus caesescens; caulis pinnatis, limbo pinnatis
 sessilibus pinnatis, alis pinnatis pinnatis, alis
 sessilibus rebente dentatis vel sessilibus-striatis, sessilibus
 vel lanceolato-linearibus integerrimis; corollae
 Anthodii confuso-oblongis, appendicibus interioribus

... *Centaurea* ... *Centaurea* ... *Centaurea* ...

... *Centaurea* ... *Centaurea* ... *Centaurea* ...

257. NICHOLONCHUS DC.

(DC. Prodr. VI. — Wipac. Repert. II. 578.)

LVI KESTERII Durloz, i, » < ii J < r > ij Mh fat a — *Centaurea* in Algeria. (Specim. indurata.)

258. 'run IU III PI i DC.

(DC. Prodr. VI. 33. — Wipac. Rep. II. 578.)

... *Centaurea* ... *Centaurea* ... *Centaurea* ...

259. C. I. I. I. M . . afuii.

(DC. Prodr. VI. 33. — Wipac. Repert. II. 578. VI. 392.)

... *Centaurea* ... *Centaurea* ... *Centaurea* ...

... *Centaurea* ... *Centaurea* ... *Centaurea* ...

... *Centaurea* ... *Centaurea* ... *Centaurea* ...

... *Centaurea* ... *Centaurea* ... *Centaurea* ...

... *Centaurea* ... *Centaurea* ... *Centaurea* ...

260. CENTAUREA Less.

(DC. Prodr. VI. Mt. VB. MM — Wipac. Repert. II. 578. VI. 392.)

... *Centaurea* ... *Centaurea* ... *Centaurea* ...

... *Centaurea* ... *Centaurea* ... *Centaurea* ...

nia; folia plerumque pinnatifida, argenteis verticillis serratis, ...

2. C. (HYALEA) STENOPHYLLA Jank. & Spach l. c. III. f. tab. 217. — Radix ...

3. C. (HYALEA) PERNUA Jank. & Spach l. c. III. f. tab. 217. radice ...

4. C. (CHARTOLEPIS) TOURNEFORTII Jank. & Spach. Hb. n. plant. ...

5. C. (CHARTOLEPIS) BIEHNSTEDTII Jank. & Spach l. c. III. f. tab. 209. —

6. C. (Lycopodium) CONGLOMERATA C. A. Meyer, Bot. ...

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K - US

VII

Trat. Cest.

tvsthrft IM>

... **2** — Folia latet C. Phrygiam et C. nigram nulla, dicitur a parte ...
 ... **2** — Folia latet C. Phrygiam et C. nigram nulla, dicitur a parte ...
 ... **2** — Folia latet C. Phrygiam et C. nigram nulla, dicitur a parte ...

FERDINANDI Gerard, Catalogus seminum in hort. bot. Berlinopolitano anno 1847.
 ... **2** — Folia latet C. Phrygiam et C. nigram nulla, dicitur a parte ...
 ... **2** — Folia latet C. Phrygiam et C. nigram nulla, dicitur a parte ...

... **2** — Folia latet C. Phrygiam et C. nigram nulla, dicitur a parte ...
 ... **2** — Folia latet C. Phrygiam et C. nigram nulla, dicitur a parte ...

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... **2** — Folia latet C. Phrygiam et C. nigram nulla, dicitur a parte ...
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... **2** — Folia latet C. Phrygiam et C. nigram nulla, dicitur a parte ...
 ... **2** — Folia latet C. Phrygiam et C. nigram nulla, dicitur a parte ...

... **2** — Folia latet C. Phrygiam et C. nigram nulla, dicitur a parte ...
 ... **2** — Folia latet C. Phrygiam et C. nigram nulla, dicitur a parte ...

... **2** — Folia latet C. Phrygiam et C. nigram nulla, dicitur a parte ...
 ... **2** — Folia latet C. Phrygiam et C. nigram nulla, dicitur a parte ...

ISCOHPTA VU. Flur. Bil«.tlc. p. »k f t 0", % L - Scabita
 v roUU lufnlufiljiu p«li(.)»il*, jni.rtiwlbui jettUluiiu, oanlbuu

- Geranioides obtusum*, capitula oblonga utrinque 2-3-acta, ad apicem saepe
 glomerata; involucrum epipetalum lamellosum truncatum, longe apertum; dentes perianthii
 dentae tripartitae, lamella lateralis, filamenta stipitata; tubus corollae, pro-
 xima clausus. 2 — Ob capitula oblonga aggregata affinis *Cladonia* parva
 Linn.; ab achanae multata vero *Cladonia* *hamata* multata. — C.
3. *C. SCHUMPERI* C. H. Schimper (Sip.) L. S. DC. — Achanae oblonga truncata
 lobis longis marcescente saepe delinens truncata; capitula ad apicem pro-
 oblonga 2-acta; involucrum multilobum lobis longis apertum lamellosum den-
 tes, longe apertum adpressum; antheridia saepe utrinque, achanae glabrae, pro-
 xima phanerocarpa longis pilosis dentibus, non clausis perianthii? dentes clausi
 propter densitatem, achanae longi longe caudati, epipetalis saepe truncatis. Dentes
 dentae papillae, stylus non rudens truncatus; tubus corollae protractus, apertus
 una, pro oblonga lobis trilobatis. 2 — C. in cretulis montibus *Cladonia* *hamata*
 Linn. DC. — *Cladonia* *hamata* in *Cladonia*, *Cladonia* *hamata* L. DC. — *Cladonia* *hamata* L. DC.
4. *C. LEPTOCALYPS* Dufour in *Cladonia*, *Cladonia* *hamata* L. DC. — Achanae
 a basi rotunda, tubus involucrum epipetalum albae stipitatae, tubus oblongus ad
 apicem dentibus clausis, oblongus trilobus, albus dentibus, apertus truncatus
 dentibus glabrae, antheridia pro protractis, protractis apertis truncatis. In pro-
 xima tubulosis apertis adpressis tubulosis, in apertis dentibus
 lam lamellosas, saepe via protractis, tubus involucrum longi longi pro-
 trahit, tubus involucrum longe longissimus, tubus involucrum longe longi pro-
 xima longissimus, tubus apertus protractis dentibus, tubus involucrum
 non tubulosis. 2 — *Cladonia* *hamata* L. DC. — *Cladonia* *hamata* L. DC.
5. *C. DAVOUR* Dufour in *Cladonia*, *Cladonia* *hamata* L. DC. — Achanae
 oblonga truncata, tubus involucrum epipetalum albae stipitatae, tubus oblongus ad
 apicem dentibus clausis, oblongus trilobus, albus dentibus, apertus truncatus
 dentibus glabrae, antheridia pro protractis, protractis apertis truncatis. In pro-
 xima tubulosis apertis adpressis tubulosis, in apertis dentibus
 lam lamellosas, saepe via protractis, tubus involucrum longi longi pro-
 trahit, tubus involucrum longe longissimus, tubus involucrum longe longi pro-
 xima longissimus, tubus apertus protractis dentibus, tubus involucrum
 non tubulosis. 2 — *Cladonia* *hamata* L. DC. — *Cladonia* *hamata* L. DC.
6. *C. CALYPS* Dufour L. C. — Achanae oblonga ad apicem saepe oblonga
 protractis, tubus involucrum epipetalum albae stipitatae, tubus oblongus ad
 apicem dentibus clausis, oblongus trilobus, albus dentibus, apertus truncatus
 dentibus glabrae, antheridia pro protractis, protractis apertis truncatis. In pro-
 xima tubulosis apertis adpressis tubulosis, in apertis dentibus
 lam lamellosas, saepe via protractis, tubus involucrum longi longi pro-
 trahit, tubus involucrum longe longissimus, tubus involucrum longe longi pro-
 xima longissimus, tubus apertus protractis dentibus, tubus involucrum
 non tubulosis. 2 — *Cladonia* *hamata* L. DC. — *Cladonia* *hamata* L. DC.
7. *C. PUNCTATA* Dufour L. C. — Achanae oblonga ad apicem saepe oblonga
 protractis, tubus involucrum epipetalum albae stipitatae, tubus oblongus ad
 apicem dentibus clausis, oblongus trilobus, albus dentibus, apertus truncatus
 dentibus glabrae, antheridia pro protractis, protractis apertis truncatis. In pro-
 xima tubulosis apertis adpressis tubulosis, in apertis dentibus
 lam lamellosas, saepe via protractis, tubus involucrum longi longi pro-
 trahit, tubus involucrum longe longissimus, tubus involucrum longe longi pro-
 xima longissimus, tubus apertus protractis dentibus, tubus involucrum
 non tubulosis. 2 — *Cladonia* *hamata* L. DC. — *Cladonia* *hamata* L. DC.

1897. *CINNIUM* Turcz.
 DC. Prodr. VI. 304. — Wigg. Report. II. 514 & 515. VI. 304.
 1. *C. CINNIUM TURCICUM Turcz. — DC. L. c. VI. 304. in DC.

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C. (faint text) ...

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Subordo II. *LINISTYLOIDEAE* Ledeb.

Tribo VI. *MUTISIAEAE* Ledeb.

DC. Prodr. VI. 12.

II. *RHOPIACTENEA* Gardner.

Gardner in Hook. Journ. bot. Voy. N. Z. 427.

Capitulum multiflorum heterogenum. Involucrum extra-repentinum
breviter lobatum, apiculis clavatis subaequalibus serratis, exterioribus
extra-repentinis, interioribus breviter serratis appressis. Receptaculum
pilosissimum. Flores omnes bisulcati, lobis exterioribus
quadrisulcatis, interioribus bisulcatis simplicibus, perigonio
extra-repente, basi quasi duplo brevioribus. Filamentum liberum. Antherae
breviter lobatae, stylis subaequalibus, breviter et oblique lobatis.
Stylus lobatus, basi sessile-stylis. Pappus subnullus, in
lobis plerumque, in ceteris a tota rigide glabra reflexa consistens.
Pappus trilocularis lobis brevibus, setulis stipularibus prostratis.
Calyx lobis brevibus clavatis-oblongis serratis prostratis. Capsula
ad apicem truncata, setulis brevibus setis.

RHOPIACTENEA Ledeb. — *Mutisia* Hook. & Arn. — *Hook. Bot. Voy. N. Z.* 427.
DC. Prodr. VI. 12. 1. — *Tribo Mutisiaeae* species 1 — *Apollis*. *Folia*
capitata ovata-oblonga, basi truncata, lobis brevibus subaequalibus
serratis, extra-repente lobatis, apiculis clavatis, setis brevibus. *Stylus*
lobatus, basi sessile-stylis, lobis brevibus, setis brevibus. *Pappus*
subnullus, in lobis plerumque, in ceteris a tota rigide glabra reflexa
consistens. *Pappus* trilocularis lobis brevibus, setulis stipularibus
prostratis. *Calyx* lobis brevibus clavatis-oblongis serratis prostratis. *Capsula*
ad apicem truncata, setulis brevibus setis. *Tribo Mutisiaeae* species 1 —
Apollis. *Folia* capitata ovata-oblonga, basi truncata, lobis brevibus
subaequalibus serratis, extra-repente lobatis, apiculis clavatis, setis
brevibus. *Stylus* lobatus, basi sessile-stylis, lobis brevibus, setis
brevibus. *Pappus* subnullus, in lobis plerumque, in ceteris a tota
rigide glabra reflexa consistens. *Pappus* trilocularis lobis brevibus,
setulis stipularibus prostratis. *Calyx* lobis brevibus clavatis-oblongis
serratis prostratis. *Capsula* ad apicem truncata, setulis brevibus
setis.

IX. (2005) *VIOTONIA* Ag.

DC. Prodr. VI. 12. — *Mutisia* Hook. & Arn. — *Hook. Bot. Voy. N. Z.* 427.

VIOTONIA Ag. — *Mutisia* Hook. & Arn. — *Hook. Bot. Voy. N. Z.* 427.
DC. Prodr. VI. 12. 1. — *Tribo Mutisiaeae* species 1 — *Apollis*. *Folia*
capitata ovata-oblonga, basi truncata, lobis brevibus subaequalibus
serratis, extra-repente lobatis, apiculis clavatis, setis brevibus. *Stylus*
lobatus, basi sessile-stylis, lobis brevibus, setis brevibus. *Pappus*
subnullus, in lobis plerumque, in ceteris a tota rigide glabra reflexa
consistens. *Pappus* trilocularis lobis brevibus, setulis stipularibus
prostratis. *Calyx* lobis brevibus clavatis-oblongis serratis prostratis. *Capsula*
ad apicem truncata, setulis brevibus setis.

VIOTONIA Ag. — *Mutisia* Hook. & Arn. — *Hook. Bot. Voy. N. Z.* 427.
DC. Prodr. VI. 12. 1. — *Tribo Mutisiaeae* species 1 — *Apollis*. *Folia*
capitata ovata-oblonga, basi truncata, lobis brevibus subaequalibus
serratis, extra-repente lobatis, apiculis clavatis, setis brevibus. *Stylus*
lobatus, basi sessile-stylis, lobis brevibus, setis brevibus. *Pappus*
subnullus, in lobis plerumque, in ceteris a tota rigide glabra reflexa
consistens. *Pappus* trilocularis lobis brevibus, setulis stipularibus
prostratis. *Calyx* lobis brevibus clavatis-oblongis serratis prostratis. *Capsula*
ad apicem truncata, setulis brevibus setis.

- ...
 4. *FL. DUCIANA* Gardner & S. G. — Folia breviter pubescentia, supra squamata, infra utrinque serrata, serrulae parvis, lobis ovatis ciliatis, costa nervis parvis, lobis ovatis ciliatis. — Fructus tenuiter squamatus 2-4-pedalis. Pappus pappi...
 5. *FL. PANDURATA* Gardner & S. G. — Folia pubescentia, supra squamata, infra utrinque serrata, serrulae parvis, lobis ovatis ciliatis, costa nervis parvis, lobis ovatis ciliatis. — Fructus tenuiter squamatus 2-4-pedalis. Pappus pappi...
 6. *FL. CYNDORIANA* Gardner & S. G. — Folia breviter pubescentia, supra squamata, infra utrinque serrata, serrulae parvis, lobis ovatis ciliatis, costa nervis parvis, lobis ovatis ciliatis. — Fructus tenuiter squamatus 2-4-pedalis. Pappus pappi...
 7. *FL. DIBICATA* Gardner & S. G. — Folia breviter pubescentia, supra squamata, infra utrinque serrata, serrulae parvis, lobis ovatis ciliatis, costa nervis parvis, lobis ovatis ciliatis. — Fructus tenuiter squamatus 2-4-pedalis. Pappus pappi...
 8. *FL. VALLATA* Gardner & S. G. — Folia breviter pubescentia, supra squamata, infra utrinque serrata, serrulae parvis, lobis ovatis ciliatis, costa nervis parvis, lobis ovatis ciliatis. — Fructus tenuiter squamatus 2-4-pedalis. Pappus pappi...
 9. *FL. VALLATA* Gardner & S. G. — Folia breviter pubescentia, supra squamata, infra utrinque serrata, serrulae parvis, lobis ovatis ciliatis, costa nervis parvis, lobis ovatis ciliatis. — Fructus tenuiter squamatus 2-4-pedalis. Pappus pappi...

in albis. ♀. — Frons spatiosa. Antennae geminae, 7—11 lat. longae. Talla 7½—12 ½ poll. longae, 2—4 lat. ant. Caput 4 ½ lat. longae. — Cuvier in *Essai sur les Insectes* de Geoff. Guvier.

16. *FLORIDANA* Giesb. l. c. — *Antennae geminae*. Talla spatiosa 10—12 poll. longae, 2—4 lat. ant. Caput 4 ½ lat. longae. — Cuvier in *Essai sur les Insectes* de Geoff. Guvier.

XV. *GOMPHOLEPIS* Giesb. l. c.

(*Essai sur les Insectes* de Geoff. Guvier, l. c. 20.)

Capitulum subglobosum heterogenum. *Respirationes* indistinctae, *ferre* trum substatum, *apertio* claud. *caudae* reticulatae, *intermediae* plura, *extrema* parva substativa multiseriata-substativa. *Cuvier* in *Essai sur les Insectes* de Geoff. Guvier. *Talla* spatiosa 10—12 poll. longae, 2—4 lat. ant. *Caput* 4 ½ lat. longae. — Cuvier in *Essai sur les Insectes* de Geoff. Guvier.

17. *EXIMIA* Giesb. l. c. 20. 2. — *Cuvier* in *Essai sur les Insectes* de Geoff. Guvier.

XVI. (2002.) *SENER* Giesb.

(*Essai sur les Insectes* de Geoff. Guvier, l. c. 20. 2.)

FLORIDANA Giesb. in *Bull. Acad. Sci. Paris*, t. 11, p. 426. — *Talla* spatiosa 10—12 poll. longae, 2—4 lat. ant. *Caput* 4 ½ lat. longae. — Cuvier in *Essai sur les Insectes* de Geoff. Guvier.

FLORIDANA Giesb. l. c. — *Antennae geminae*. *Talla* spatiosa 10—12 poll. longae, 2—4 lat. ant. *Caput* 4 ½ lat. longae. — Cuvier in *Essai sur les Insectes* de Geoff. Guvier.

FLORIDANA Giesb. l. c. 45. — *Antennae geminae*. *Talla* spatiosa 10—12 poll. longae, 2—4 lat. ant. *Caput* 4 ½ lat. longae. — Cuvier in *Essai sur les Insectes* de Geoff. Guvier.

- ...
 4. *TR. CICHORIIFLORA* Nutt. l. c. — Fruticosa pubescenti, caulis pubescenti
 foliis elliptico-lanceolatis serratis, lobis lanceolatis, capitulo sessilibus
 involucri squamis lanceolatis glandulosis, radiatibus lanuginosis serratis
 lobis lanceolatis acutis ellipticis, subnullis longi rami subulato. —
 4—5 pediculis, Folia 5—8 ped. longa, 10—12 lin. lata. Capitula 1 lin. longa, 1
 pediculis. Antheris glaucis subulatis. Corolla lobis. Pappi albis. —
 alia provincia Texas et Nova Gales.
 5. *TR. CICHORIIFLORA* Nutt. l. c. — Fruticosa pubescenti, caulis pubescenti
 foliis elliptico-lanceolatis serratis, lobis lanceolatis, capitulo sessilibus
 involucri squamis lanceolatis glandulosis, radiatibus lanuginosis serratis
 lobis lanceolatis acutis ellipticis, subnullis longi rami subulato. —
 4—5 pediculis, Folia 5—8 ped. longa, 10—12 lin. lata. Capitula 1 lin. longa, 1
 pediculis. Antheris glaucis subulatis. Corolla lobis. Pappi albis. —
 alia provincia Texas et Nova Gales.
 6. *TR. SPICATA* Nutt. l. c. — Caulis herbaceus foliis, lobis lanceolatis
 serratis, capitulo sessilibus, involucri squamis lanceolatis glandulosis, radiatibus
 lanuginosis serratis lobis lanceolatis acutis ellipticis, subnullis longi rami
 subulato. — 4—5 pediculis, Folia 5—8 ped. longa, 10—12 lin. lata. Capitula 1 lin. longa, 1
 pediculis. Antheris glaucis subulatis. Corolla lobis. Pappi albis. —
 alia provincia Texas et Nova Gales.
 7. *TR. PACHYDONTIS* Nutt. l. c. — Caulis erectus basi stipite pubescenti, lobis
 plicatis, capitulo sessilibus, involucri squamis lanceolatis glandulosis, radiatibus
 lanuginosis serratis lobis lanceolatis acutis ellipticis, subnullis longi rami
 subulato. — 4—5 pediculis, Folia 5—8 ped. longa, 10—12 lin. lata. Capitula 1 lin. longa, 1
 pediculis. Antheris glaucis subulatis. Corolla lobis. Pappi albis. —
 alia provincia Texas et Nova Gales.
 8. *TR. (SERRATA) PACHYDONTIS* N. et G. in Hook. Journ. Bot. Beechey Exped. N. Am. 1847, p. 100. —
 Folia sessilibus serratis lanceolatis, marginibus serratis, capitulo sessilibus
 involucri squamis lanceolatis glandulosis, radiatibus lanuginosis serratis lobis
 lanceolatis acutis ellipticis, subnullis longi rami subulato. — 4—5 pediculis,
 Folia 5—8 ped. longa, 10—12 lin. lata. Capitula 1 lin. longa, 1 pediculis.
 Antheris glaucis subulatis. Corolla lobis. Pappi albis. —
 alia provincia Texas et Nova Gales.

LIGULIFLOREAE Endl.

Tribus III. CICHORACEAE Vahl.

(DC. Journ. Bot. 74)

XVIII. SCORSONELLA Nutt.

(Cogn. Voyag. II. 403, et VII. 281)

1. *N. (PACHYDONTIS) SERRATA* Nutt. Journ. Bot. Beechey Exped. N. Am. 1847, p. 100.
 Clavata radice tuberosa fistulosa; caulis elongata gracili foliis, lobis lanceolatis
 serratis, capitulo sessilibus involucri squamis lanceolatis glandulosis, radiatibus
 lanuginosis serratis lobis lanceolatis acutis ellipticis, subnullis longi rami
 subulato. — 4—5 pediculis, Folia 5—8 ped. longa, 10—12 lin. lata. Capitula 1 lin. longa, 1
 pediculis. Antheris glaucis subulatis. Corolla lobis. Pappi albis. —
 alia provincia Texas et Nova Gales.

XXVIII. ANYSOCOMA Tur. & G.

Capitulum pinnatifidum, involucrium multilobatum, squamis radiatis
 subrepente ciliatis, interioribus 3-7 lobatis, oblongis subrepentibus,
 exterioribus 8-9 nulla brevioribus subrepentibus interstitiis et quasi in-
 terminatis. Antheras plures, squamulis immixtis pinnatifidis immix-
 tis interstitiis ciliatis. Achanae turbinate baccatae, mucosae-pilosa
 stricta. Pappus duplex, exterior circumscissus squamulis pinnatifidis,
 inter 4 serie longe sigillata subantheris, basi nulla, supra nullam
 squamulam decidens, lanugineis, utraque serie 2 cartilagineo suban-
 theris et 2 alutaceis lobis distinctis brevioribus. — Herba annua
 (Linn. V) glabra angusta, foliis radiatis bipinnatis pinnatifidis, in-
 ter brevibus, basi longe mucronato-lanceolata. Semi pappi non nulli
 ciliatis monostylis, foliis nulla longioribus. Capitulum sessile. Flo-
 ra latet, pappus albus.

* L. JACQUIN Tab. 431. 1. 2. n. 2. — G. G. J. — Cassini ... (in Annot. bot.)

LII. SCORZONERA Linn.

DC. Prodr. 13. 117. [sect. sect. 1.] — Wight, Report II. 335. VI. 303.

DC. CANTONENSIS Va. Fl. Dalei. II. p. 38. — Radice rotunda ad medium caulis, caulis
 angulis non lobatis, multis lobatis, lobis brevibus simplicibus-ciliatis glabris, basi
 ciliatis angustioribus. — Antheris pinnatis subrepentibus interstitiis ciliatis,
 squamis ciliatis, utraque glabra, achanae turbinate stricta baccata. — L. in
 Annot. bot. II. p. 19. 38. — Radix caulis II. p. 332. — Cassini in pinnatifidis non
 ciliatis annua Papp. in Indica.

LIV. PIRIA Tur. & G.

DC. Prodr. 13. 118. — Wight, Report II. 335. VI. 303.

SPICIFERA (SPLICIFERA) Tur. & G. in Annot. bot. II. 335. — Radice ad
 medium caulis, caulis angulis non lobatis, multis lobatis, lobis brevibus
 simplicibus-ciliatis glabris, basi ciliatis angustioribus. — Antheris pinnatis
 subrepentibus interstitiis ciliatis, squamis ciliatis, utraque glabra, achanae
 turbinate stricta baccata. — L. in Annot. bot. II. p. 19. 38. — Radix caulis
 II. p. 332. — Cassini in pinnatifidis non ciliatis annua Papp. in Indica.

LVI. UVA Linn.

P. JACQUIN Tab. 431. 1. 2. n. 2. — Wight, Report II. 335. VI. 303.

LVI. LACERNA Cassini

DC. Prodr. 13. 118. — Wight, Report II. 335. VI. 303.

C. PYGMAEA Linn. V. Fl. Dalei. II. p. 38. — Caulis duplex, caulis ciliatis
 radiatis oblongis, basi ciliatis subrepentibus interstitiis ciliatis, squamis
 ciliatis, achanae turbinate subrepentibus interstitiis ciliatis, utraque glabra,
 achanae ciliatis ciliatis. — Pappus non nulli ciliatis, foliis nulla longioribus.
 — L. in Annot. bot. II. p. 19. 38. — Radix caulis II. p. 332. — Cassini in pinnatifidis non
 ciliatis annua Papp. in Indica.

LXII. VARESIANICA Tur.

Tour. Fl. Ind. II. p. 42.

Radice rotunda ad medium caulis, caulis angulis non lobatis, multis lobatis, lobis brevibus
 simplicibus-ciliatis glabris, basi ciliatis angustioribus. — Antheris pinnatis subrepentibus
 interstitiis ciliatis, squamis ciliatis, utraque glabra, achanae turbinate stricta baccata.

perna statuta-oblonga, centralia ventralia. Pappus uniformis
 acilla. Remota acilla. — Basia perennia pilosa. Folia oblonga
 ovata pinnatifida, utraque radiata, supra instructa serris,
 truncata. Basia erecta. — Affinis *Leucostictis* L. alga *Leucostictis*
 sed differt a primo pappo piloso et acilla et utraque folia
 stipitata, ab altero pappo acilla acilla, supra acilla et
 ab utroque *Leucostictis* L.

1. C. *VALCARIOLIA* DC. l. c. p. 6. — Pappus pilosus, acilla perennia
 acilla. Remota acilla. Folia oblonga ovata pinnatifida, utraque
 radiata, supra instructa serris, truncata. Basia erecta.
 — Affinis *Leucostictis* L. alga *Leucostictis* sed differt a
 primo pappo piloso et acilla et utraque folia stipitata, ab
 altero pappo acilla acilla, supra acilla et ab utroque
Leucostictis L.

LXIV. MACHROGYNCHUS Lamour.

(DC. Prodr. VII 102. — Vigne, Report. R. Bot. VI 1861)

1. M. *CYRILLICUS* Hook. Journ. Bot. VI 1843. — *Machrognochus* radiatus
 Lamour., folia ovata pinnatifida supra radiata, utraque
 radiata, supra instructa serris, truncata. Basia erecta.
 — Affinis *Leucostictis* L. alga *Leucostictis* sed differt a
 primo pappo piloso et acilla et utraque folia stipitata, ab
 altero pappo acilla acilla, supra acilla et ab utroque
Leucostictis L.

LXV. BARRHAUSEA Hook.

(DC. Prodr. VII 102. — Vigne, Report. R. Bot. VI 1861)

1. * B. *ALBIDA* Cassini. — DC. l. c. p. 6.
 Pappus uniformis acilla. Remota acilla. Folia oblonga
 ovata pinnatifida, utraque radiata, supra instructa serris,
 truncata. Basia erecta. — Affinis *Leucostictis* L. alga
Leucostictis sed differt a primo pappo piloso et acilla et
 utraque folia stipitata, ab altero pappo acilla acilla, supra
 acilla et ab utroque *Leucostictis* L.

2. *pinnatifida* Lamour. l. c.
 Pappus uniformis acilla. Remota acilla. Folia oblonga
 ovata pinnatifida, utraque radiata, supra instructa serris,
 truncata. Basia erecta. — Affinis *Leucostictis* L. alga
Leucostictis sed differt a primo pappo piloso et acilla et
 utraque folia stipitata, ab altero pappo acilla acilla, supra
 acilla et ab utroque *Leucostictis* L.

3. B. *MACHROCEPHALA* Willd. Prodr. Bot. VII 1861. — *Machrognochus*
 radiatus Lamour., folia ovata pinnatifida supra radiata,
 utraque radiata, supra instructa serris, truncata. Basia
 erecta. — Affinis *Leucostictis* L. alga *Leucostictis* sed
 differt a primo pappo piloso et acilla et utraque folia
 stipitata, ab altero pappo acilla acilla, supra acilla et
 ab utroque *Leucostictis* L.

8. *Dactyloctenium* Willd. - *capitulum* radiatum, folia ovata, pinnatifida, venis...
 9. *Eleocharis* DC. - *capitulum* radiatum, folia ovata, pinnatifida, venis...
 10. *Eleocharis* DC. - *capitulum* radiatum, folia ovata, pinnatifida, venis...
 11. *Eleocharis* DC. - *capitulum* radiatum, folia ovata, pinnatifida, venis...
 12. *Eleocharis* DC. - *capitulum* radiatum, folia ovata, pinnatifida, venis...
 13. *Eleocharis* DC. - *capitulum* radiatum, folia ovata, pinnatifida, venis...
 14. *Eleocharis* DC. - *capitulum* radiatum, folia ovata, pinnatifida, venis...
 15. *Eleocharis* DC. - *capitulum* radiatum, folia ovata, pinnatifida, venis...
 16. *Eleocharis* DC. - *capitulum* radiatum, folia ovata, pinnatifida, venis...
 17. *Eleocharis* DC. - *capitulum* radiatum, folia ovata, pinnatifida, venis...
 18. *Eleocharis* DC. - *capitulum* radiatum, folia ovata, pinnatifida, venis...
 19. *Eleocharis* DC. - *capitulum* radiatum, folia ovata, pinnatifida, venis...
 20. *Eleocharis* DC. - *capitulum* radiatum, folia ovata, pinnatifida, venis...

LXXVIII. BOSCHUEN *Cassini*DC. Prodr. VII. 344. - *Wegen. Repert.* 2. 302. VI. 302.

1. *A. JAVANICA* Agnes. *Chilod. / Prodr.* 18. 27. 1811. p. 27. - *Capitulum* radiatum, folia ovata, pinnatifida, venis...
 2. *A. BALTICA* Winkl. in *Denk. Nipon. Repert.* 2. 302. I. 30. - *Capitulum* radiatum, folia ovata, pinnatifida, venis...

I. *Truncus addendus.*

3. *CHILICA* Lam. - DC. l. c. 344. no. 1. - *Wegen. Repert.* 2. 302. VI. 302.
 4. *WARTIANA* DC. l. c. 344. no. 2. - *Wegen. Repert.* 2. 302. VI. 302.

LXXXII. VOYNGII *Cassini*DC. Prodr. VII. 342. - *Wegen. Repert.* 2. 302. VI. 302.

1. *V. VOYNGII* DC. l. c. 342. no. 1. - *Wegen. Repert.* 2. 302. VI. 302.

Ordo CXV. STYLIDACEAE Juss.

DC. Prodr. VII, 326, et 328. — Wight, Report, bot. explor. II, 324, VI, 277.

I. (3053.) STYLIDIUM Swartz.

DC. Prodr. VII, 326, et 328. — Wight, Report, II, 324, VI, 277.

1. ST. VERFUMILLIUM Hook. & Lindl. Journ. of bot. VI, 296, t. 1. — Ternstroem, *Plantarum rariorum*. *Stylidium* multiflorum, foliis ovatis radicalibus, demum oppositis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.

IV. (3095.) FORTYERA Linn. f.

(Hook. & Lindl. Wight, Report, *II, 277.)

1. FT. ANTIANTHOPHORA Swartz, & Desimpson. Voy. au Pol Sud (Bot. plan. II, 12), II, C. — Species Indiscripta.

Ordo CXVI. LOBELIACEAE Juss.

DC. Prodr. VII, 328, et 331. — Wight, Report, bot. explor. II, 328, VI, 277, et 278.

VIII. (3099.) CENTROPOGON Presl.

DC. Prodr. VII, 331. — Wight, Report, II, 328, VI, 277, et 278.

1. C. DISCOLOIDES Hook. & Greville. *Centropogon* discolor, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.
2. C. DISCOLOIDES Hook. & Greville. *Centropogon* discolor, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.
3. C. DISCOLOIDES Hook. & Greville. *Centropogon* discolor, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.
4. C. DISCOLOIDES Hook. & Greville. *Centropogon* discolor, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.
5. C. DISCOLOIDES Hook. & Greville. *Centropogon* discolor, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.
6. C. DISCOLOIDES Hook. & Greville. *Centropogon* discolor, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.
7. C. DISCOLOIDES Hook. & Greville. *Centropogon* discolor, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.
8. C. DISCOLOIDES Hook. & Greville. *Centropogon* discolor, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.
9. C. DISCOLOIDES Hook. & Greville. *Centropogon* discolor, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.
10. C. DISCOLOIDES Hook. & Greville. *Centropogon* discolor, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.

IX. (3054, et 3054.) LYNEPORA DC., Juss.

DC. Prodr. VII, 331. — Wight, Report, *II, 277.

1. L. MUCIDULA Hook. & Lindl. Journ. of bot. VI, 296, t. 1, f. 2. — *Centropogon* mucidula, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.
2. L. MUCIDULA Hook. & Lindl. Journ. of bot. VI, 296, t. 1, f. 2. — *Centropogon* mucidula, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.
3. L. MUCIDULA Hook. & Lindl. Journ. of bot. VI, 296, t. 1, f. 2. — *Centropogon* mucidula, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.
4. L. MUCIDULA Hook. & Lindl. Journ. of bot. VI, 296, t. 1, f. 2. — *Centropogon* mucidula, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.
5. L. MUCIDULA Hook. & Lindl. Journ. of bot. VI, 296, t. 1, f. 2. — *Centropogon* mucidula, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.
6. L. MUCIDULA Hook. & Lindl. Journ. of bot. VI, 296, t. 1, f. 2. — *Centropogon* mucidula, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.
7. L. MUCIDULA Hook. & Lindl. Journ. of bot. VI, 296, t. 1, f. 2. — *Centropogon* mucidula, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.
8. L. MUCIDULA Hook. & Lindl. Journ. of bot. VI, 296, t. 1, f. 2. — *Centropogon* mucidula, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.
9. L. MUCIDULA Hook. & Lindl. Journ. of bot. VI, 296, t. 1, f. 2. — *Centropogon* mucidula, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.
10. L. MUCIDULA Hook. & Lindl. Journ. of bot. VI, 296, t. 1, f. 2. — *Centropogon* mucidula, foliis ovatis, ciliatis, nervis nervis, pediculis elongatis; tubo corollae brevissimo, limbo tubo, lobis subulnatis, lobis oppositis; capsula sphaerica. ☉ — Censur ad Hort. Ternstroem in Cap. Bononiae Lindl.

XVIII. (367) **NIPTOCAMPYLIS** DC.

(DC. Prodr. VI. 201. — Wight, Report II. 50. VI. 23. 41 203.)

- 1. *N. THYMELAEUS* Hook. Fl. Bor. 7. 440. — Wight, Report II. 50. VI. 23. 41 203. — Calyx lobis 5-6; lobis ovatis, lobis superis ovatis, lobis inferis ovatis. Corolla lobis 5-6; lobis ovatis, lobis superis ovatis, lobis inferis ovatis. Petala lobis 5-6; lobis ovatis, lobis superis ovatis, lobis inferis ovatis. Capsula lobis 5-6; lobis ovatis, lobis superis ovatis, lobis inferis ovatis.
- 2. *N. GLENDONIA* Hook. Bot. Beech. t. 312. — Wight, Report II. 50. VI. 23. 41 203. — Calyx lobis 5-6; lobis ovatis, lobis superis ovatis, lobis inferis ovatis. Corolla lobis 5-6; lobis ovatis, lobis superis ovatis, lobis inferis ovatis. Petala lobis 5-6; lobis ovatis, lobis superis ovatis, lobis inferis ovatis. Capsula lobis 5-6; lobis ovatis, lobis superis ovatis, lobis inferis ovatis.

XXVII. **STRELENBIS** Hook. f.

(Hook. f. Bot. Beech. t. 312. 1843.)

Calyx quadrilobus, lobis lobis ovatis, lobis superis ovatis, lobis inferis ovatis. Corolla lobis 5-6; lobis ovatis, lobis superis ovatis, lobis inferis ovatis. Petala lobis 5-6; lobis ovatis, lobis superis ovatis, lobis inferis ovatis. Capsula lobis 5-6; lobis ovatis, lobis superis ovatis, lobis inferis ovatis.

- 1. *ST. MONTANA* Hook. Bot. Beech. t. 312. 1843. — Wight, Report II. 50. VI. 23. 41 203. — Calyx lobis 5-6; lobis ovatis, lobis superis ovatis, lobis inferis ovatis. Corolla lobis 5-6; lobis ovatis, lobis superis ovatis, lobis inferis ovatis. Petala lobis 5-6; lobis ovatis, lobis superis ovatis, lobis inferis ovatis. Capsula lobis 5-6; lobis ovatis, lobis superis ovatis, lobis inferis ovatis.

OrU CITH **CAMPANULACEAE** DC.

(DC. Prodr. VI. 204. — Wight, Report II. 50. VI. 23. 41 203.)

I. (371.) **JASIONE** L.

(DC. Prodr. VI. 204. — Wight, Report II. 50. VI. 23. 41 203.)

- 1. *J. MONTANA* L. — DC. l. c. 204. — Wight, Report II. 50. VI. 23. 41 203. — Calyx lobis 5-6; lobis ovatis, lobis superis ovatis, lobis inferis ovatis. Corolla lobis 5-6; lobis ovatis, lobis superis ovatis, lobis inferis ovatis. Petala lobis 5-6; lobis ovatis, lobis superis ovatis, lobis inferis ovatis. Capsula lobis 5-6; lobis ovatis, lobis superis ovatis, lobis inferis ovatis.

IX. (372.) **WARLENBERGIA** Schrad.

(DC. Prodr. VI. 204. — Wight, Report II. 50. VI. 23. 41 203.)

- 1. *W. PEROIDOLA* Wight & Arn. — DC. l. c. 204. — Wight, Report II. 50. VI. 23. 41 203.
- 2. *W. MURINDA* & DC. l. c. 204. — Wight, Report II. 50. VI. 23. 41 203.
- 3. *W. JASINA* & DC. l. c. 204. — Wight, Report II. 50. VI. 23. 41 203.

Ordo CXIX. GOODENIACEAE Hook.

(Goodenaceae B. R. — DC. Prodr. VII. 361. — Wight, Repert. bot. Beng. 2. 33. 206 & 333.)

I. (3091.) DAMPiera B. R.

(DC. Prodr. VII. 361. — Wight, Repert. bot. Beng. 2. 33. 206.)

1. *D. ECHINATIFOLIA* Schleich. Linnaea XX. 361. 5. — Claviformis caulis cum junior caespitibus pilosis, foliis prostratis ovatis subrotatis, sessilibus longius versus partem breviter lobatis; foliis breviter lobatis, sessilibus serratis, nervis lanceolatis, supra lanceolatis, nervis supra, nervis nervis; nervis lanceolatis; nervis lanceolatis breviter lobatis; nervis lanceolatis breviter lobatis. — Habitat in montibus Himalayis in Nepali. — Nova Hollandia australi.

IV. (3092 & 3093.) GOODENIA DC.

(DC. Prodr. VII. 362 & 374. — Wight, Repert. bot. Beng. 2. 33.)

1. *G. (Dactyloctenium) ALATA* Schleich. Linnaea XX. 361. 1. — Herbacea caulis glabra, prostrata pedunculata breviter lobata, sessilibus, ovatis, nervis lanceolatis partem glandulosa glabra: nervis sessilibus, foliis sessilibus, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis. — Habitat in Nova Hollandia australi.
2. *G. GYALA* Hook. — DC. l. c. 374. no. 2.

G. GYALA Schleich. l. c. 361. 2. — Herbacea caulis ovata glabra glandulosa sessilibus / ovata sessilibus, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis. — Habitat in Nova Hollandia australi ad Viceroytum.

3. *G. PUNILACA* Schleich. l. c. 3. — Caulis glandulosa, pedunculata glabra: pedunculata lanceolata vel squarrosa lanceolata, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis. — Habitat in Nova Hollandia australi in monte altissimo ad Dufferin.

4. *G. GRANIFOLIA* Hook. & Arn. Journ. of bot. VI. 361. 1. — Claviformis caulis glabra, prostrata pedunculata breviter lobata, sessilibus, ovatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis. — Habitat in Nova Hollandia australi in monte altissimo ad Dufferin.

5. *G. (MELICHA) MELICHA* Schleich. Linnaea XX. 361. 1. — Claviformis caulis glandulosa breviter lobata longius versus breviter lobata; pedunculata 1-5-lobata lanceolata breviter lobata, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis, nervis lanceolatis breviter lobatis. — Habitat in Nova Hollandia australi in monte altissimo ad Dufferin.

Fructus subglobosus.

CHONDRILLARIA B. & K. — DC. 1. 1. 100. no. 12. — Bot. Beech. Belg. 10.

FRAXINOLA Cav. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

V. (1106.) *AMHENINUS* P. B.

DC. Prodr. VI. 100. — Wigen. Repert. II. 700. 2. 100. 11. 100. 1. 101.

AMHENINUS L. — Wigen. 1. 1. 1. 100. no. 1. — Van Swin. — Bot. Beech. Belg. 10.

AMHENINUS L. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

AMHENINUS L. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

AMHENINUS L. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

AMHENINUS L. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

AMHENINUS L. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

AMHENINUS L. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

AMHENINUS L. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

AMHENINUS L. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

AMHENINUS L. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

AMHENINUS L. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

AMHENINUS L. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

AMHENINUS L. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

Fructus subglobosus.

CHONDRILLARIA B. & K. — DC. 1. 1. 100. no. 12. — Bot. Beech. Belg. 10.

FRAXINOLA Cav. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

VI. *AMPHALIA* L.

AMPHALIA L. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

AMPHALIA L. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

AMPHALIA L. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

AMPHALIA L. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

VI. (1107.) *GROXIA* P. B.

GROXIA P. B. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

GROXIA P. B. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

GROXIA P. B. — DC. 1. 1. 100. no. 11. — Pinus. Vindob. Cav. 3. 1. 1. 1.

V. (453.) *TRIPHAUSA* DC. et Pers.

(DC. Prodr. VI. 326. — Wight, Journ. R. A. S. VI. 417.)

3. *TR. BIRKA* Engelm., Journ. R. A. S. 1847, p. 386. — Folia supra sessile
obovata ovata, basi in petiolum breviter decurrens, nervis nervulis
reticatis. Inflorescentia sessilis paniculata, ramis glabris, siliis sessilibus, obliquo
angulo subsessile puberulis. Bractea ovata sessilis, nervis nervulis
reticatis. Ovarium sessile. — (Journ. R. A. S. 1847, p. 386, unguis. — Croux in
Pers.)
4. *TR. COLUMBIANA* Rose. Ann. ex. bot. 1844, VI. 326. — Folia sessile
obovata, basi sessile oblongo acuminata subcordata, nervis nervulis
reticatis, supra et infra praesertim puberulis; nervis glabris. Inflorescentia
sessilis, supra subsessile paniculata ovata sessilis. — Croux in
Wright in Columbia.
5. *TR. CRENULATA* Wight l. c. 326. — Folia glabra, sessile ovata sessile
oblongo-lanceolata. Inflorescentia sessilis, supra sessile
obovata subcordata, basi sessile oblongo acuminata, nervis nervulis
reticatis, supra et infra praesertim puberulis; nervis glabris. Inflorescentia
sessilis, supra subsessile paniculata ovata sessilis. — Croux in
Wright in Columbia.
6. *TR. NAGENSIS* Rose l. c. 326. — Folia sessile ovata sessile
oblongo-lanceolata, basi sessile oblongo acuminata, nervis nervulis
reticatis, supra et infra praesertim puberulis; nervis glabris. Inflorescentia
sessilis, supra subsessile paniculata ovata sessilis. — Croux in
Wright in Columbia.
7. *TR. PUNICATA* Wight. — Wight, l. c. VI. 417, n. 2.
Folia ovata sessile ovata sessile oblongo-lanceolata, basi sessile
oblongo acuminata, nervis nervulis reticatis. — In Columbia.
8. *TR. PUNICATA* Wight, Journ. R. A. S. 1847, p. 386. — Folia sessile
obovata ovata, basi in petiolum breviter decurrens, nervis nervulis
reticatis. Inflorescentia sessilis paniculata, ramis glabris, siliis
sessilibus, obliquo angulo subsessile puberulis. Bractea ovata sessilis,
nervis nervulis reticatis. Ovarium sessile. — (Journ. R. A. S. 1847,
p. 386, unguis. — Croux in Pers.)

V. *VACCINIUM* Linn.

(DC. Prodr. VI. 326. — Wight, Journ. R. A. S. VI. 417.)

Calyx adnatus lobis 4—5-fidis. Corolla tubulosa 4—5-loba.
Nervis 5—10-angulis, nervis nervulis bilobatis, supra et infra
reticatis, nervis in tubis, supra et infra bilobatis. Ovarium 4-lobum,
placenta axillaris, nervis nervulis bilobatis, supra et infra
reticatis, supra et infra bilobatis. Bractea 4-loba, supra et
infra reticatis, supra et infra bilobatis. — (Char. gener. CC. R. Wight, Journ. R. A. S. VI. 417, p. 1.)

1. *V. (V.) PUNICATUM* Wight, Journ. R. A. S. 1847, p. 386. — Folia sessile
obovata ovata, basi in petiolum breviter decurrens, nervis nervulis
reticatis. Inflorescentia sessilis paniculata, ramis glabris, siliis
sessilibus, obliquo angulo subsessile puberulis. Bractea ovata sessilis,
nervis nervulis reticatis. Ovarium sessile. — (Journ. R. A. S. 1847,
p. 386, unguis. — Croux in Pers.)
2. *V. (V.) PUNICATUM* Wight, l. c. 386. — Appare. / *Triphusa* DC. et Pers.
obovata 2-fida. — DC. l. c. VI. 326, n. 4.
3. *V. (V.) PUNICATUM* Wight, l. c. 386. — Folia sessile ovata sessile
oblongo-lanceolata, basi sessile oblongo acuminata, nervis nervulis
reticatis, supra et infra praesertim puberulis; nervis glabris. Inflorescentia
sessilis, supra subsessile paniculata ovata sessilis. — Croux in
Wright in Columbia.

... Thymus ...

... Wight ...

... Wight ...

... Wight ...

... Wight ...

... Wight ...

... Wight ...

... Wight ...

... Wight ...

... glauca, glabrescens collectis villosis. Rami depressi-subsessilis ad-
 ... villosis. — A. ... — ...

IV. (1825) *CLYTHRA* Sims.

DC. Prodr. VI. 205. — Wilson Repert. II. 76. 35. 1817.

1. *CLYTHRA* Sims. in Zeyher, Bot. Beech. for north York. Trans. Bot. Soc. London, III. 2. 1825. — ...

2. *CLYTHRA* Sims. ...

V. *MEISTERIA* DC. in Zeyher.

... in north York. Trans. Bot. Soc. London, III. 2. 1825.

... capsula campanulata ...

6. *CLYTHRA* Sims. ...

VII. *GALLIENIA* Link.

DC. Prodr. VI. 205. — Wilson Repert. II. 76. 35. 1817.

... in north York. Trans. Bot. Soc. London, III. 2. 1825.

... in north York. Trans. Bot. Soc. London, III. 2. 1825.

2. *C. DIFFUSA* Hook. & G. f. — *Caulis* lignosus, striatulis, terribus, rugis
 etiam apertis, totus pilis parvis, spicatis, laxis, divaricatis, pubescentibus
 ellipticis, ovatis vel ovato-rotundatis, utraque mucosa, albida, utraque glandulosa
 velutis, ciliata, hinc pilis longis, caulis brevibus. ♀ — *Fructus* glo-
 bulosus, hirsutus, hinc pilis longis, caulis brevibus. — *Crescit* in prae-
 montanis, ad hunc usque montem. — *Crescit* in prae-
 montanis, ad hunc usque montem.
3. *C. HIRTUTA* Hook. & G. f. — *Caulis* lignosus, striatulis, terribus, rugis
 etiam apertis, totus pilis parvis, spicatis, laxis, divaricatis, pubescentibus
 ellipticis, ovatis vel ovato-rotundatis, utraque mucosa, albida, utraque glandulosa
 velutis, ciliata, hinc pilis longis, caulis brevibus. ♀ — *Fructus* glo-
 bulosus, hirsutus, hinc pilis longis, caulis brevibus. — *Crescit* in prae-
 montanis, ad hunc usque montem.
4. *C. PUBESCENS* Hook. & G. f. — *Caulis* lignosus, striatulis, terribus, rugis
 etiam apertis, totus pilis parvis, spicatis, laxis, divaricatis, pubescentibus
 ellipticis, ovatis vel ovato-rotundatis, utraque mucosa, albida, utraque glandulosa
 velutis, ciliata, hinc pilis longis, caulis brevibus. ♀ — *Fructus* glo-
 bulosus, hirsutus, hinc pilis longis, caulis brevibus. — *Crescit* in prae-
 montanis, ad hunc usque montem.
5. *C. PUBESCENS* Hook. & G. f. — *Caulis* lignosus, striatulis, terribus, rugis
 etiam apertis, totus pilis parvis, spicatis, laxis, divaricatis, pubescentibus
 ellipticis, ovatis vel ovato-rotundatis, utraque mucosa, albida, utraque glandulosa
 velutis, ciliata, hinc pilis longis, caulis brevibus. ♀ — *Fructus* glo-
 bulosus, hirsutus, hinc pilis longis, caulis brevibus. — *Crescit* in prae-
 montanis, ad hunc usque montem.
6. *C. PUBESCENS* Hook. & G. f. — *Caulis* lignosus, striatulis, terribus, rugis
 etiam apertis, totus pilis parvis, spicatis, laxis, divaricatis, pubescentibus
 ellipticis, ovatis vel ovato-rotundatis, utraque mucosa, albida, utraque glandulosa
 velutis, ciliata, hinc pilis longis, caulis brevibus. ♀ — *Fructus* glo-
 bulosus, hirsutus, hinc pilis longis, caulis brevibus. — *Crescit* in prae-
 montanis, ad hunc usque montem.
7. *C. PUBESCENS* Hook. & G. f. — *Caulis* lignosus, striatulis, terribus, rugis
 etiam apertis, totus pilis parvis, spicatis, laxis, divaricatis, pubescentibus
 ellipticis, ovatis vel ovato-rotundatis, utraque mucosa, albida, utraque glandulosa
 velutis, ciliata, hinc pilis longis, caulis brevibus. ♀ — *Fructus* glo-
 bulosus, hirsutus, hinc pilis longis, caulis brevibus. — *Crescit* in prae-
 montanis, ad hunc usque montem.
8. *C. PUBESCENS* Hook. & G. f. — *Caulis* lignosus, striatulis, terribus, rugis
 etiam apertis, totus pilis parvis, spicatis, laxis, divaricatis, pubescentibus
 ellipticis, ovatis vel ovato-rotundatis, utraque mucosa, albida, utraque glandulosa
 velutis, ciliata, hinc pilis longis, caulis brevibus. ♀ — *Fructus* glo-
 bulosus, hirsutus, hinc pilis longis, caulis brevibus. — *Crescit* in prae-
 montanis, ad hunc usque montem.

2. *Fructus adpressus.*

9. *FRAGILISSIMA* Willd. DC. & G. f. — *Wald. Ind. plant. 3. 110.*
 10. *LEUCOPHYLLA* DC. & G. f. — *Wald. Ind. 3. 110.*

XIII. (431⁶) *LEUCOPHYLLA* DC.

(DC. Prodr. VII. 406. — *Wald. Ind. 3. 110.*)

1. *LEUCOPHYLLA* DC. & G. f. — *Wald. Ind. 3. 110.*

XIV. (431⁸) *ANDRŌMEDA* Linn.

(DC. Prodr. VII. 406. — *Wald. Ind. 3. 110.*)

1. *A. (Pteris) ELLIPTICA* Kuhn. et Zuccar. *Abhandl. der math. phys. Klasse der Königl. Preuss. Acad. d. Wissensch. 17. 3. pag. 118.* — *Tota glabra. Folia a basi*

⁶ *Andromeda* *Andromeda* Hook. & G. f. — *Wald. Ind. 3. 110.* — *Andromeda* *Andromeda* Hook. & G. f. — *Wald. Ind. 3. 110.* — *Andromeda* *Andromeda* Hook. & G. f. — *Wald. Ind. 3. 110.*

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A. SPINOSA L. Des. — DC. 1. 2. 102. no. 2. ERUCALES Wight, Ann. plant. Ind. 108.

A. SPINOSA L. Des. — DC. 1. 2. 102. no. 2. ERUCALES Wight, 1. 2. 108.

A. SPINOSA L. Des. — DC. 1. 2. 102. no. 2. ERUCALES Wight, 1. 2. 108.

XV. *ERUCALES* Desf.

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2. *ERUCALES* Desf. 1. 2. — 1. — *Erucaceae* Desf. 1. 2.

XI. (4115) *ERUCA* Linn.

DC. Fruct. VI. 102. — Wight, Report II. 108. 11. 102.

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1. *Erucaceae* Desf.

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XII. (4536) *ERUCA* Linn.

DC. Fruct. VI. 102. — Wight, Report II. 108. 11. 102.

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XIV. *RHODODENDRON* Linn.

DC. Fruct. VI. 102. — Wight, Report II. 108. 11. 102.

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- 10 lobum angustatum, apicula dilatata, vixita 1/2-1/3. — *Crossia* in *Bot. Austral.* (1845).
11. *ER. GRIFITHIANUM* Wright, L. c. vol. 1868. — *Asplenium glaucum* (Swartz) Griffith. Folia ovata, basi angustata, apicula dilatata, vixita 1/2-1/3. — *Crossia* in *Bot. Austral.* (1845).
12. *ER. LINCOLNII* Hook. & Grev. *Atlas*. *Bot. Beechey*. Folia ovata, basi angustata, apicula dilatata, vixita 1/2-1/3. — *Crossia* in *Bot. Austral.* (1845).
13. *ER. LINCOLNII* Hook. & Grev. *Atlas*. *Bot. Beechey*. Folia ovata, basi angustata, apicula dilatata, vixita 1/2-1/3. — *Crossia* in *Bot. Austral.* (1845).

1. *Ericeae addenda.*

14. *ER. LINCOLNII* Hook. & Grev. *Atlas*. *Bot. Beechey*. Folia ovata, basi angustata, apicula dilatata, vixita 1/2-1/3. — *Crossia* in *Bot. Austral.* (1845).
15. *ER. LINCOLNII* Hook. & Grev. *Atlas*. *Bot. Beechey*. Folia ovata, basi angustata, apicula dilatata, vixita 1/2-1/3. — *Crossia* in *Bot. Austral.* (1845).

XLIX. *HEPARIA* Nutt.

(DC. *Frond.* VI. 70. — *Wright Repert.* II. 52. VI. 420.)

1. *H. FALLENS* Hook. & Grev. *Atlas*. *Bot. Beechey*. Folia ovata, basi angustata, apicula dilatata, vixita 1/2-1/3. — *Crossia* in *Bot. Austral.* (1845).
2. *H. DENTATA* Nutt. *Atlas*. *Bot. Beechey*. Folia ovata, basi angustata, apicula dilatata, vixita 1/2-1/3. — *Crossia* in *Bot. Austral.* (1845).

1. *Ericeae addenda.*

16. *HEPARIA* Nutt. *Atlas*. *Bot. Beechey*. Folia ovata, basi angustata, apicula dilatata, vixita 1/2-1/3. — *Crossia* in *Bot. Austral.* (1845).

Ordo CXXVII. EPACRIDAE R. Br.

DC. Prodr. III. 54 — Wigna. Voyag. bot. Austral. III. VI. 426. (1843)

Tribus I. STYPHELIACEAE Bartl.

III°. PENTAPHERUS Schrad.

(Schrad. Linnaea XX, 483)

Fructus: foliis breviter petiolatis sublinearibus prope basi cuspidatis, ...

1. PENTAPHERUS Schrad. l. c. 2. — Benth. Prodr. Fl. Austral. III. 483. ...

III°. LINDENOGON Schrad.

(Schrad. Linnaea XX, 484)

Fructus: foliis breviter petiolatis linearibus prope basi cuspidatis, ...

1. LINDENOGON Schrad. l. c. 2. — Benth. Prodr. Fl. Austral. III. 484. ...

Lower portion large, thick, perianth membranous. Petals white. Stamens 10. Anthers 2-3 mm long. Style 1-2 mm long. Ovary 1-2 mm long. Capsule 1-2 mm long. Seed 1-2 mm long. — Occurs in New Zealand.

VIII. (1871.) CYATHODORA B. P.

(P. Fr. VI. 18. — Wipac. Report. 1871. 11.)

1. C. ASCENSUS Hook. & Grev. Journ. of Bot. VI. 18. — (Fraser's Bay, New Zealand). This species is distinguished from the other species of the genus by its ascending habit, its leaves being petiolate above, parietal below, and its flowers being arranged in a terminal panicle. The leaves are 1-2 mm long, and 1-2 mm wide. The flowers are 1-2 mm long, and 1-2 mm wide. The capsule is 1-2 mm long, and 1-2 mm wide. — Occurs in New Zealand.

IX. (1871.) LIMNANTHE B. P.

(P. Fr. VI. 18. — Wipac. Report. 1871. 11.)

1. L. CYMBICATA Hook. & Grev. Journ. of Bot. VI. 18. — (Fraser's Bay, New Zealand). This species is distinguished from the other species of the genus by its cymbic habit, its leaves being petiolate above, parietal below, and its flowers being arranged in a terminal panicle. The leaves are 1-2 mm long, and 1-2 mm wide. The flowers are 1-2 mm long, and 1-2 mm wide. The capsule is 1-2 mm long, and 1-2 mm wide. — Occurs in New Zealand.

X. (1871.) LEUCOPOGON B. P.

(P. Fr. VI. 18. — Wipac. Report. 1871. 11.)

1. L. OXYRIZUS Hook. & Grev. Journ. of Bot. VI. 18. — (Fraser's Bay, New Zealand). This species is distinguished from the other species of the genus by its oxyriz habit, its leaves being petiolate above, parietal below, and its flowers being arranged in a terminal panicle. The leaves are 1-2 mm long, and 1-2 mm wide. The flowers are 1-2 mm long, and 1-2 mm wide. The capsule is 1-2 mm long, and 1-2 mm wide. — Occurs in New Zealand.

1. L. CANTABRIGIENSIS B. P. — (P. Fr. VI. 18. — Wipac. Report. 1871. 11.)

XV. (1877.) DECAPODA B. P.

(P. Fr. VI. 18. — Wipac. Report. 1877. 11.)

1. D. SPERM Hook. & Grev. Journ. of Bot. VI. 18. — (Fraser's Bay, New Zealand). This species is distinguished from the other species of the genus by its sperm habit, its leaves being petiolate above, parietal below, and its flowers being arranged in a terminal panicle. The leaves are 1-2 mm long, and 1-2 mm wide. The flowers are 1-2 mm long, and 1-2 mm wide. The capsule is 1-2 mm long, and 1-2 mm wide. — Occurs in New Zealand.

... small, crowded, bell-shaped flowers. ... white,
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XVI. (328) PENTACHONDRA E. Br.

DC. Prodr. VI. 206. — Wight, Journ. 18, p. 211.

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Tribe II. EPACREAE Hook.

XIX. (331) EPACRIS Clavin.

DC. Prodr. VI. 206. — Wight, Journ. 18, p. 211.

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LEUCOPHLEBA Hook. & G. t. — *Fructibus*, via Americae, semine strigato, lillo
 strigato, et basi strigato dimidiato, cupula prostrata, liliata, strigata,
 strigata, strigata strigata. — *Fructibus* strigato strigato et basi strigato,
 et strigato, strigato strigato, basi strigato prostrato strigato strigato, non
 strigato strigato, 2 mm., long., sed 3 mm. lata, cupula strigata et
 strigata, cupula strigata strigata, strigata strigata strigata, non lillo
 strigata, cupula strigata strigata et strigata et cupula strigata, cupula strigata,
 cupula strigata strigata strigata strigata. — *Fructus* 7/8 mm. longus. — *Fructus*
 strigatus. — *Fructus* in Yucatan, Mexico, strigatus et Valdivia, Chile.

XXX. (CXXI) *ORACOPHYLLUM* Ledeb.

(*Orac.* Fruct. VI. 28. — *Wegen.* *Rept.* 22. 48.)

DR. LEUCOPHYLLUM G. & G. — *Rept.* VI. 48. no. 4. — *Wegen.* 2. *Rept.*
 no. 48. no. 48. *Rept.* VI. 48. no. 4.

DR. LEUCOPHYLLUM G. & G. — *Rept.* VI. 48. no. 4. — *Wegen.* 2. *Rept.*
 no. 48. no. 4.

SPACIUM
Anterioribus
Dorsalis
Ventralis
Lateralis
Medialis
Distalis

Subclassis III.
COROLLIFLORAE.

(DC. Prodr. VIII, p. 1.)

Ordo CXXXI. LENTIBULARIÆ Rich.

(DC. Prodr. VIII, p. 2 et 365. — Wight, Report VI, 208 et 211. — *Illustrationes Rafflesianae* pl. p. 782.)

I. UTRICULARIA Linn.

(Wight, DC. Prodr. VIII, 3, et 365. — Wight, Report VI, 208 et 211. — *Illustrationes Rafflesianae* pl. p. 782.)

Classis Anterioribus lateris proventrii Rafflesianae de Cassini XV, p. 20.

A. UTRICULARIÆ Rafflesianae I. c. 36.

I. Folia sessile.

Spec. I. **HELICANTHA** DC. I. c. p. 2.

Spec. II. **LENTIBULARIA** DC. I. c. p. 4. (Spec. 4a. 1-7.)

Spec. III. **NYDA** Raffles. I. c. p. 205. — *Species rarior.* Invenitur in montibus, in valle lateris proventrii, in montibus, in valle lateris proventrii, in montibus, in valle lateris proventrii.

Spec. IV. **ENIOPHYLLA** Raffles. I. c. — Folia proventrii, in montibus, in valle lateris proventrii, in montibus, in valle lateris proventrii.

Invenitur in montibus, in valle lateris proventrii, in montibus, in valle lateris proventrii, in montibus, in valle lateris proventrii.

B. Folia sessile et sessile.

Spec. V. **INTEGRIFOLIA** Rafflesianae I. c. (Spec. 12-16.)

Spec. VI. **APHYLLA** Rafflesianae I. c. (Spec. 17-19.)

B. UTRICULÆ DEPRESSÆ

— *Willd.*

III.

Spec. VII. **DEPRESSA** Rafflesianae I. c. 20. — Folia sessile, in valle lateris proventrii, in montibus, in valle lateris proventrii, in montibus, in valle lateris proventrii.

Spec. VIII. **DEPRESSA** Rafflesianae I. c. (Spec. 20-21.)

Spec. IX. **DEPRESSA** Linn. — Folia sessile et sessile, in valle lateris proventrii, in montibus, in valle lateris proventrii, in montibus, in valle lateris proventrii.

Spec. X. **DEPRESSA** Rafflesianae I. c. — *Species rarior.* Invenitur in montibus, in valle lateris proventrii, in montibus, in valle lateris proventrii, in montibus, in valle lateris proventrii.

Spec. XI. **DEPRESSA** Rafflesianae I. c. — *Species rarior.* Invenitur in montibus, in valle lateris proventrii, in montibus, in valle lateris proventrii, in montibus, in valle lateris proventrii.

Spec. XII. **DEPRESSA** Rafflesianae I. c. — *Species rarior.* Invenitur in montibus, in valle lateris proventrii, in montibus, in valle lateris proventrii, in montibus, in valle lateris proventrii.

I. U. CLIPONA Rafflesianae I. c. 21. — *Species rarior.* Invenitur in montibus, in valle lateris proventrii, in montibus, in valle lateris proventrii, in montibus, in valle lateris proventrii. Folia sessile, in valle lateris proventrii, in montibus, in valle lateris proventrii, in montibus, in valle lateris proventrii.

I. V. UTRICULARIA Rivas. — DC. I. c. no. 11. — Rich. Herb. (R. Z.) VII, 20. — Folia sessile, in valle lateris proventrii, in montibus, in valle lateris proventrii, in montibus, in valle lateris proventrii, in montibus, in valle lateris proventrii.

- colores hinc inde cylindricis striatis brevibus $\frac{1}{2}$. — Stamina hinc inde...
 10. *Q. OREOCYLATA* Wall. Cat. 1805. — *Boiss.* l. c. 207. $\frac{1}{2}$. — Folia...
 11. *Q. RACEMOSA* Wall. Cat. 1805. — *Boiss.* l. c. 207. $\frac{1}{2}$. — Stamina...
 12. *Q. ALBOCINCTA* Boiss. l. c. 208. $\frac{1}{2}$. — Stamina...
 13. *Q. SECUNDA* Boiss. l. c. 208. $\frac{1}{2}$. — Stamina...
 14. *Q. ANTHUSIA* Boiss. l. c. 208. $\frac{1}{2}$. — Folia...
 15. *Q. SCANDENS* Boiss. l. c. 208. — Folia...
 16. *Q. PACCHOLA* Boiss. l. c. 208. $\frac{1}{2}$. — Folia...
 17. *Q. FUNICULARIS* Boiss. l. c. 208. $\frac{1}{2}$. — Stamina...
 18. *Q. RUMIFATA* Boiss. l. c. 208. $\frac{1}{2}$. — Folia...
 19. *Q. HYKROPERIA* Boiss. l. c. 208. $\frac{1}{2}$. — Folia...
 20. *Q. DENTICULATA* Boiss. l. c. 208. $\frac{1}{2}$. — Folia...

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1. *SPERMATOPHYTES*

2. *ANGIOSPERMS*

3. *Gymnosperms*

4. *Tricolpates*

5. *PURIDAE*

6. *LEPTANTHAE*

7. *Chloranthaceae*

8. *ACTINIAE*

9. *LEUCOMYCEAE*

Species ...

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Species ...

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V. *IMBILATA* Speg., l. n. 1 = 2 — *Croch. et Speg.*

VI. *QUINQUELODUS* Speg.

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*QC. *STREPTOCLADUS* Speg., l. n. — *Synon. Indonensis*

QC. *GLABER* Speg., l. n. 22. — *Croch. et Speg.*
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QC. *APLENDENS* Speg., l. n. 2 — *Falck. Indon.*
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QC. *NEVUS* Speg., l. n. 27. 2 — *Speg. Indon.*
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Ordo CXXXII PRINULACEAE Vent.

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II. *PHENILA* Speg.

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*VB. *FUSCATA* Speg. — *Speg. et DC.*
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*VB. *PANDORA* f. *Stylosa* Speg. — *Speg.*
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VI. *ANDROKACE* Vent.

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*A. *KARSTIANA* Speg. — *Speg.*
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XVI. *LYSENACEA* Speg.

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*L. *LEUCOPHYLLUS* Speg. et Speg. — *Speg.*
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sunt in fructu pariter inveniunt. Folia in petiolis brevissimis late ovatis, immixta, venis subparalellis, 2-3 $\frac{1}{2}$ " longis, 1-2 $\frac{1}{2}$ " lato, superioribus breviter acutis, inferioribus saepe mucronatis. Petiolus subulmaceo, in fructu breviter pubescenti. Stamina longiuscula, antheris parvis, ovario breviter pubescenti. — *Cultus in Europa.*

3. *L. (Spiraeaceae) CANDIDA* Lindl. *Forest of the Nerts*, vol. 2, 46. — *Cultus in Italia, Croatia, Danubio, Transsylvania, Austria, Hungaria, Russia, Asia, Africa, America.* Folia ovata, venis parvis, subulmaceis, immixta, pubescentia, nervis parvis, ovario breviter pubescenti. — *Cultus in Europa.*

3. *L. (Spiraeaceae) FLORIBUNDA* Zollinger. *Flora H. J.* 333, 336. — *Cultus in Asia, Africa, America, Australia.* Folia ovata, venis parvis, subulmaceis, immixta, pubescentia, nervis parvis, ovario breviter pubescenti. — *Cultus in Asia, Africa, America, Australia.*

I. *Leuca addenda.*

1. LENSCHALLIA Berg I. c. 41, no. 5. — *Wight, Icon. pl. 1, 285.*

XIX. ASTEROLINON *Lab. et Steudner*

Duty in DC. Prodr. VII, 80.

1. *A. (Asteraceae) ALBA* Desf. *Ann. 22*. — *Folia ovata, venis parvis, subulmaceis, immixta, pubescentia, nervis parvis, ovario breviter pubescenti.* — *Cultus in Europa.*

XXI. A.

(Duty in DC. Prodr. VII, 80.)

1. **A. LATIFOLIA* Desf. — *Wight, Icon. pl. 1, 285.*
2. **A. PLATYFOLIA* Desf. — *Wight, Icon. pl. 1, 285.*

Ordo CXXXIII. MYRSINEACEAE *Wight, DC.*

(Wight, DC. Prodr. VII, 75 et 80. — Wight, Report, VI, 46.)

I. MYRSINE

(Wight, DC. Prodr. VII, 75. — Wight, Report, VI, 46.)

1. MYRSINE *Wight, DC. Prodr. VII, 75. — Wight, Report, VI, 46.*

II. RUSSELLIA

(Wight, DC. Prodr. VII, 80. — Wight, Report, VI, 46.)

1. *R. (Rusconiaceae) GUNDELIPERA* Wight, *Icon. pl. 1, 285, (27) p. 7, 17.* — *Cultus in Italia, Africa, America, Australia.* Folia ovata, venis parvis, subulmaceis, immixta, pubescentia, nervis parvis, ovario breviter pubescenti. — *Cultus in Asia, Africa, America, Australia.*
2. *R. (Rusconiaceae) GUNDELIPERA* Wight, *Icon. pl. 1, 285.* — *Cultus in Italia, Africa, America, Australia.*

petalis subrotunda glaberrima, corolla pallidioribus et in parte pubescente, etc. callicaulis compositis divaricatis tubo longioribus et in apicibus profunde lobatis, laminae subrotunda ovata. § — Crura in parte pubescente longa circa per. *Nidus*, 1865, p. 40.

3. *C. CAMBODIA* Kuntze, l. c. 493. — Fructibus, tubo oblongo brevioribus et super obtuse serratis, callicaulibus brevibus, ovata, lobis apice tubo longioribus, sessilibus, profunde lobatis, laminae longioribus, etc. Crura sessilibus subrotunda ovatis, callicaulibus subrotundis, laminae subrotunda ovata. § Crura in parte per.

(Species addendae.)

4. *NEPHOEN Vahl* — l. c. 493, l. n. 191, no. 483. — *Wight*, *Icon. plant.* 1, 123.
5. *PHYLLARIA* Benth. — l. c. 493, l. n. 191, no. 483. — *Wight*, l. c. 1, 123.

Ordo CXXXVI SAPOTACEAE Juss.

(A. DC. *Prodr.* VII, 10, p. 493. — *Wight*, *Icon.* XI, 48.)

V. SAPOTA Juss.

(A. DC. *Prodr.* VII, 17, p. 502. — *Wight*, *Icon.* XI, 48.)

1. *S. MARICATA* Juss. in Benth., *Icon. Japon.* p. 145, l. c. — Fructus ovatus, glaberrimus, etc. Callicaulibus brevibus, ovatis, lobis apice tubo longioribus, sessilibus, profunde lobatis, laminae longioribus, etc. Crura sessilibus subrotunda ovatis, callicaulibus subrotundis, laminae subrotunda ovata. § Crura in parte per.
2. *S. MALACATA* Juss. in Benth., *Icon. Japon.* p. 145, l. c. — Fructus ovatus, glaberrimus, etc. Callicaulibus brevibus, ovatis, lobis apice tubo longioribus, sessilibus, profunde lobatis, laminae longioribus, etc. Crura sessilibus subrotunda ovatis, callicaulibus subrotundis, laminae subrotunda ovata. § Crura in parte per.

(Species addendae.)

3. *S. MALACATA* Juss. in Benth., *Icon. Japon.* p. 145, l. c.

X. INONINDRA Juss.

(A. DC. *Prodr.* VII, 17, p. 502.)

1. *I. CANTONEA* Wight, *Icon. plant.* 1, 123. — Fructus subrotundus, etc. Callicaulibus brevibus, ovatis, lobis apice tubo longioribus, sessilibus, profunde lobatis, laminae longioribus, etc. Crura sessilibus subrotunda ovatis, callicaulibus subrotundis, laminae subrotunda ovata. § Crura in parte per.
2. *I. SITA* Juss. in Benth., *Icon. Japon.* p. 145, l. c. — Fructus ovatus, glaberrimus, etc. Callicaulibus brevibus, ovatis, lobis apice tubo longioribus, sessilibus, profunde lobatis, laminae longioribus, etc. Crura sessilibus subrotunda ovatis, callicaulibus subrotundis, laminae subrotunda ovata. § Crura in parte per.

caulis annuus in capsula densa aggregata, calyce glandoso quadrilobato, lobis
 angustatis subulatis, unguibus ductus vix distinctis; corolla 2-loba,
 lobis subaequalibus, lobis ovatis; gynoecium breviter tuberculatum, ad
 apicem; ovario magno rudimentum stylium in apice; stamine breviter
 tuberculato.
 5. *D. OVALIFLORA* Wight. l. n. 31. 1837. — Clavis: calyx annuatus ovato,
 lobis vix distinctis glandulosis; ductus unguibus in partibus breviter
 tuberculato; calyx pilosus subulatus; corolla ovata longe superante, glan-
 duosa; gynoecium tuberculatum subulatum, stamine breviter tuberculato
 glanduloso breviter; ductus unguibus in partibus breviter
 tuberculato.
 — 5. 1837 in India australi.

5. *Ireneae addendae.*

6. *DUCULA* W. & A. DC. l. n. 33. an. 21. — Wight. l. n. 31. 1837.

7. *EPINACTIS* Pers. — A. DC. l. n. 33. an. 21. — Wight. l. n. 31. 1837. —
 nomen *Andropogon glaucescens* Rab.

8. *MYSTINA* DC. — A. DC. l. n. 33. an. 21. — Wight. l. n. 31. 1837. —
 n. 31.

VII. *MADA* Pers.

apud DC. Prodr. VII. 381.

1. *M. NEILGHERRYENSIS* Wight. l. n. 31. 1837. — Corolla glan-
 duosa, lobis ovatis subulatis vix distinctis, unguibus breviter
 tuberculatis, unguibus glaucis, tuberculato subulatis; calyx unguibus breviter
 tuberculatis, unguibus subulatis; gynoecium longe superans, glandu-
 losum; stamine breviter tuberculato, glanduloso breviter; ductus unguibus
 breviter tuberculatis, unguibus subulatis; corolla ovata longe superans, glandu-
 losa; stamine breviter tuberculato, glanduloso breviter; ductus unguibus
 breviter tuberculatis, unguibus subulatis. 5. — *M. indica* Wight. l. n. 31. 1837. —
 (5. 1837 in India australi.)

1. *Ireneae addenda.*

2. *DUCULA* Pers. — A. DC. l. n. 33. an. 21. — Wight. l. n. 31. 1837.

Ordo CXXXVIII STYRACEAE Ait. DC.

A. DC. Prodr. VII. 381 & 382. — Wight. Prodr. VI. 381.

I. *NYMPLOCOS* DC.

apud DC. Prodr. VII. 381 & 382. — Wight. Prodr. VI. 381.

1. *N. PEUNIFOLIA* Sw. & Zorn. Rhodod. Capensis. *Nymphaea* Kunze Hist. Klau-
 sen. Nat. Anst. Wien. IX. 2. pag. 112. 5. — Calyx pallidus albus, lobis
 ovatis subulatis, unguibus breviter tuberculatis, unguibus breviter
 tuberculatis; corolla ovata longe superans, glandulosa; stamine
 breviter tuberculato, glanduloso breviter; ductus unguibus breviter
 tuberculatis, unguibus subulatis; corolla ovata longe superans, glandu-
 losa; stamine breviter tuberculato, glanduloso breviter; ductus unguibus
 breviter tuberculatis, unguibus subulatis.
 Kunze Hist. Klau. sen. Nat. Anst. Wien. IX. 2. pag. 112. 5. —
 pro parte tuberculato, unguibus subulatis glanduloso breviter; ductus unguibus
 breviter tuberculatis, unguibus subulatis. — 5. 1837 in India.

2. *N. SPETACEA* Sw. & Zorn. l. n. pag. 112. 5. — Calyx glaucus lobis pallidus
 unguibus breviter tuberculatis, unguibus breviter tuberculatis; corolla
 ovata longe superans, glandulosa; stamine breviter tuberculato, glandu-
 loso breviter; ductus unguibus breviter tuberculatis, unguibus subulatis; corolla
 ovata longe superans, glandulosa; stamine breviter tuberculato, glandu-
 loso breviter; ductus unguibus breviter tuberculatis, unguibus subulatis.
 5. — 5. 1837 in India australi.

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ANISOMIA Hook. & Thunb. V. tab. pag. 126. — Folia ovata, petiolata, basi
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LAURINIFOLIA Hook. & Thunb. l. cit. pag. 124. — Folia ovata, petiolata,
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TRICHOANTHODENDRON Hook. & Thunb. l. cit. pag. 124. — Folia ovata, petiolata,
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KLINGHOFIA Hook. & Thunb. l. cit. pag. 124. — Folia ovata, petiolata, ovato-
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PIRACIA Hook. & Thunb. l. cit. pag. 124. — Folia ovata, petiolata, ovato-
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GLAUCOPHYLLA Hook. & Thunb. l. cit. pag. 124. — Folia ovata, petiolata, ovato-
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MICROPHYLLA Hook. & Thunb. l. cit. pag. 124. — Folia ovata, petiolata, ovato-
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FRAXINIFOLIA Hook. & Thunb. l. cit. pag. 124. — Folia ovata, petiolata, ovato-
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- caerulea, vixta glabra lenticulata, gemmulae gemmarum pendulae in limbo. $\frac{1}{2}$ — *Atlas botanique* (Nagasaki).
11. *S. SINGAPURA* Wight, l. c. pag. 125. — *Fraxinus* (Santalum) glabra, foliis ellipticis pendulis rugulis-humilis serratis, nervis, lenticulis lenticulatis, nervis, vixta glabra lenticulata, gemmulae gemmarum pendulae in limbo. $\frac{1}{2}$ — *Atlas botanique* (Nagasaki).
12. *S. PENSILVANIA* Wight, l. c. pag. 126. — *Fraxinus* (Santalum) glabra, foliis ellipticis pendulis rugulis-humilis serratis, nervis, lenticulis lenticulatis, nervis, vixta glabra lenticulata, gemmulae gemmarum pendulae in limbo. $\frac{1}{2}$ — *Atlas botanique* (Nagasaki).
13. *S. PENSILVANIA* Wight, l. c. pag. 126. — *Fraxinus* (Santalum) glabra, foliis ellipticis pendulis rugulis-humilis serratis, nervis, lenticulis lenticulatis, nervis, vixta glabra lenticulata, gemmulae gemmarum pendulae in limbo. $\frac{1}{2}$ — *Atlas botanique* (Nagasaki).

I. *Fraxinus* (Santalum).

14. *S. SINGAPURA* Wight, l. c. pag. 125. — *Fraxinus* (Santalum) glabra, foliis ellipticis pendulis rugulis-humilis serratis, nervis, lenticulis lenticulatis, nervis, vixta glabra lenticulata, gemmulae gemmarum pendulae in limbo. $\frac{1}{2}$ — *Atlas botanique* (Nagasaki).
15. *S. SINGAPURA* Wight, l. c. pag. 125. — *Fraxinus* (Santalum) glabra, foliis ellipticis pendulis rugulis-humilis serratis, nervis, lenticulis lenticulatis, nervis, vixta glabra lenticulata, gemmulae gemmarum pendulae in limbo. $\frac{1}{2}$ — *Atlas botanique* (Nagasaki).

III. *Pteronotus* (Santalum).

(Santalum, DC. Prodr. VII. 29.)

16. *P. SINGAPURA* Wight, l. c. pag. 125. — *Pteronotus* (Santalum) glabra, foliis ellipticis pendulis rugulis-humilis serratis, nervis, lenticulis lenticulatis, nervis, vixta glabra lenticulata, gemmulae gemmarum pendulae in limbo. $\frac{1}{2}$ — *Atlas botanique* (Nagasaki).
17. *P. SINGAPURA* Wight, l. c. pag. 125. — *Pteronotus* (Santalum) glabra, foliis ellipticis pendulis rugulis-humilis serratis, nervis, lenticulis lenticulatis, nervis, vixta glabra lenticulata, gemmulae gemmarum pendulae in limbo. $\frac{1}{2}$ — *Atlas botanique* (Nagasaki).

Ordo CXXXII. *GLEAGRAE* Lamell.

DC. Prodr. VII. 22. & 23. — Wight, *Atlas bot.* pag. 11. 24.

I. *Fraxinus* (Santalum).

(A. P. DC. Prodr. VII. 23. — Wight, *Atlas bot.* pag. 11. 24.)

18. *L. SINGAPURA* Wight, l. c. pag. 125. — *Fraxinus* (Santalum) glabra, foliis ellipticis pendulis rugulis-humilis serratis, nervis, lenticulis lenticulatis, nervis, vixta glabra lenticulata, gemmulae gemmarum pendulae in limbo. $\frac{1}{2}$ — *Atlas botanique* (Nagasaki).
19. *L. SINGAPURA* Wight, l. c. pag. 125. — *Fraxinus* (Santalum) glabra, foliis ellipticis pendulis rugulis-humilis serratis, nervis, lenticulis lenticulatis, nervis, vixta glabra lenticulata, gemmulae gemmarum pendulae in limbo. $\frac{1}{2}$ — *Atlas botanique* (Nagasaki).

III. *FORSYTHIA* Desf.

(DC. Prodr. VII. 208. 481.)

FORSYTHIA Koch. *Flora* et *Fruct.* sec. L. III. tab. 4. 243. *Reper.* DC. Prodr. VII. 208. *Flora* et *Fruct.* sec. L. III. tab. 4. 243. *Fruct.* sec. L. III. tab. 4. 243. — *Branchia* secunda *colubina*, *folia* elliptica *oblonga* ad *longa* *laevia* *glabra*, *vetula* *coriacea* *sericea*, *ramuli* *laeviter* *sericeo*, *ultra* *totum* *sub*, *ramuli* *puberuli* *granati* *caerulei*, *stylis* *sub* *longitudinali* *retia* *stylis* *longitudinali*. $\frac{1}{2}$ — *Crost.* in *India* *oriental* *Malabaribus*.

VI. *OLEA* Thunberg.

(DC. Prodr. VII. 208. 481.)

1. *POLYDANA* Wight. *Icon. plant. rar. Ind. 126.* — *Fraxinea*; *folia* *obovata* *apicula*, *base* *obtusata* *laevia* *puberula* *longa* *retia*, *ultra* *plurimum* *non* *laevia* *retia* *obtusata*, *ramuli* *puberuli* *granati* *caerulei*, *ramuli* *puberuli* *granati* *caerulei*, *stylis* *sub* *longitudinali* *retia* *stylis* *sub* *longitudinali*. $\frac{1}{2}$ — *Crost.* in *India* *oriental* *Malabaribus* *in* *Arabia* *Seydis*.

2. *LAURICIFORMIS* Wight. *l. c.* 126. 126. — *Folia* *laevia* *obovata* *apicula* *obtusata* *laevia* *puberula* *longa* *retia*, *ultra* *plurimum* *non* *laevia* *retia* *obtusata*, *ramuli* *puberuli* *granati* *caerulei*, *ramuli* *puberuli* *granati* *caerulei*, *stylis* *sub* *longitudinali* *retia* *stylis* *sub* *longitudinali*. $\frac{1}{2}$ — *Crost.* in *India* *oriental* *Malabaribus* *in* *Arabia* *Seydis*.

3. *INDICA* DC. *l. c.* 208. *Reper.* VI. 201. *FORSYTHIA* Wight. *Icon. plant. rar. Ind. 126.*

XV. *LIGINSTRUM* Thunberg.

(DC. Prodr. VII. 208. 481.)

1. *ORIENTALE* Koch. *l. c.* 243. *Reper.* VI. 201. *FORSYTHIA* Wight. *Icon. plant. rar. Ind. 126.*

2. *INDICUM* Thunberg. *l. c.* — *Folia* *obovata* *apicula* *obtusata* *laevia* *puberula* *longa* *retia*, *ultra* *plurimum* *non* *laevia* *retia* *obtusata*, *ramuli* *puberuli* *granati* *caerulei*, *ramuli* *puberuli* *granati* *caerulei*, *stylis* *sub* *longitudinali* *retia* *stylis* *sub* *longitudinali*. $\frac{1}{2}$ — *Crost.* in *India* *oriental* *Malabaribus*.

3. *INDICUM* Thunberg. *l. c.* — *Folia* *obovata* *apicula* *obtusata* *laevia* *puberula* *longa* *retia*, *ultra* *plurimum* *non* *laevia* *retia* *obtusata*, *ramuli* *puberuli* *granati* *caerulei*, *ramuli* *puberuli* *granati* *caerulei*, *stylis* *sub* *longitudinali* *retia* *stylis* *sub* *longitudinali*. $\frac{1}{2}$ — *Crost.* in *India* *oriental* *Malabaribus*.

4. *INDICUM* Thunberg. *l. c.* — *Folia* *obovata* *apicula* *obtusata* *laevia* *puberula* *longa* *retia*, *ultra* *plurimum* *non* *laevia* *retia* *obtusata*, *ramuli* *puberuli* *granati* *caerulei*, *ramuli* *puberuli* *granati* *caerulei*, *stylis* *sub* *longitudinali* *retia* *stylis* *sub* *longitudinali*. $\frac{1}{2}$ — *Crost.* in *India* *oriental* *Malabaribus*.

γ *Frax arborea*.

1. *FRAXINUS* A. DC. L. c. 30. no. 4. — *Wald. bot. plant. tab. 104.*

XVI. *CHIONASTHIS* Linn.

(P. DC. *Frax.* VII. 26.)

1. *CH. DUTYLOEA* Dullagey, *Flora* (B. Z.) XXX. p. 300. — *Folia* . . .
 sub villisibus angustibus, sono lateralis, ciliis distinctis, submarginatis.
Crucis in apice prope *Thymis* pro, *Distans* in *Frax.*

XVII. *LINOCTERA* Sacc.

(DC. *Frax.* VII. 26. — *Wald. Report* VI. 211)

1. *L. INTERMEDIA* Wilm. *Frax. plant. tab. 104.* — *Folia* elliptica, utrinque
 de longe petiolata, pinnatis, villisibus distinctis, sono lateralis, ciliis
 ad apicem tantummodo pinnatis, utrinque supra nervis, pinnis
 serratis; stipulae capites latius, fructu ovali, mucronatis. γ — *Crucis*
 in apice cum petalo 2-3-pinnatis, pinnatis mucronatis, sub
 lanceatis quam lateri 2, mucronatis et 2. *Crucis* in *Frax.*
 tab. (Thymis).

γ *Frax arborea*.

1. *WALANERCA* Wal. — (DC. L. c. 30. no. 4. — *Wald. bot. plant. tab. 104.*)

Ordo CXL. JASMINEAE R. Br.

(DC. *Frax.* VII. 26. & 27. — *Wald. Report* VI. 211.)

II. *JASMINUM* Thunberg.

(DC. *Frax.* VII. 26. & 27. — *Wald. Report* VI. 211.)

1. *J. WALANERCA* Wilm. *Frax. plant. tab. 104.* — *Crucis* . . .
 sub villisibus angustibus, sono lateralis, ciliis distinctis, submarginatis.
Crucis in apice prope *Thymis* pro, *Distans* in *Frax.*

1. *J. COCHETALLENSIS* Wilm. L. c. 30. no. 4. — *Frax. plant. tab. 104.*
 de villisibus, sub villisibus angustibus, sono lateralis, ciliis
 distinctis, submarginatis. *Crucis* in apice prope *Thymis* pro,
Distans in *Frax.*

1. *J. APINA* Wilm. L. c. 30. no. 4. — *Frax. plant. tab. 104.*
 de villisibus, sub villisibus angustibus, sono lateralis, ciliis
 distinctis, submarginatis. *Crucis* in apice prope *Thymis* pro,
Distans in *Frax.*

XXX. *HIMENOCHEIA* Schrad.

(Schrad. Linnaea XIX, 128.)

Calyx uLif.i.ke >lit f, partitionibus ad basia altere lateris g... la lateris notatis. Corolla campanulata 2-laba, lobis duobus profunde squamulosis natisque retundatis ad basia solum anatorum, strigis a fensam versus decurrentibus. Corona protracta nulla. Gynaeceum breviter, tubum corollae aequans usque basi insertum. Stamina a brana terminali albidis membranaceis stigmati circumscripta instructa, thecae loculis parvis. Mucosae pollinis subcompressae claviformis vales. Stigma obtuse cordatum staminum appendice superius, etis — Proteris valubilis Mexicana, molliter intescenti villis foliis petalisque majoribus subcordatis ovatis; inflorescentia axillari et terminali multiflora sessili, primo plures di- et trichotoma, deinde subbellata.

- 1. *1. FLOREBUNDA Schrad. l. c. 128. — Cress. in Mexico.

XXXV. *HIMENOCHEIA* Hall.

(Dum. in DC. Prodr. VIII, 318.)

- 1. *1. PULCHELLUM Wall. — Dum. l. c. no. 1. — Report. VI, 142. — Cress. in Thes. de Geschick. III, tab. 128.

XLIV. *ACERATIS* EZ.

(Dum. in DC. Prodr. VIII, 318.)

- 1. A. LATHOLEA Torr. Bot. Zoöl. 1817. vol. II. — Cauda squamulosis simplicibus, foliis 1-1 1/2 pollicaribus, peltatis lobatis retundatis apice serratis, nervis areolaribus, utrinque glabris; calice lobato lobis subrectis pubescentibus; sepalis albis intus lobatis; petalis glabris, lacina corollae 2-furcata; antheris latius lobatis ovatis velantibus aequantibus albis; capsula 2-lobata. — Cress. in California botan.

XLV. *VALTAMILLUM* Michx.

(Dum. in DC. Prodr. VIII, 318. — Wight Report. VI, 142.)

- 1. V. MACROPHYLLUM Sch. & Kart. Tabern. bot. march. p. 104. Kluge & K. l. c. det. Wight. IV, 2, pag. 142. — Cauda breviter striata vel 4-fida, alba.

XLVIII. *CYNOSTOMUM* E. N. S.

(Dum. in DC. Prodr. VIII, 318. — Wight Report. VI, 142.)

- 1. *C. ALBUM Dum. l. c. 318 no. 11. — Wight bot. plant. tab. 128.
- 2. *C. CALICATA Dum. l. c. 318 no. 2. — Wight l. c. 318, 129.

XXVIII. TYLOPHORA *L. D.*

(Dum. in DC. Prodr. VIII. 496. — Wight, Report VI. 404.)

1. *TALICHOPLORA* Wight, in Ann. — Dum. l. c. 497. no. 2. — Wight, Ann. plant.
in Ann. Journ. Voyeur. T. parviflora Wight, l. c. 2.
2. *MULLIMORA* Wight — Dum. l. c. no. 3. — Wight, l. c. tab. 123.
3. *TALICHOPLORA* Smalli — Dum. l. c. 496. no. 11. — Wight, l. c. tab. 124.
4. *INDICA* Dum. l. c. 496. no. 12. — Wight, l. c. tab. 125.
5. *ARISTOLATA* Wight, in Ann. — Dum. l. c. 497. no. 16. — Wight, l. c. tab. 127.

CII. CONCHOSTIGMA *Wight.*

(Dum. in DC. Prodr. VIII. 497. — Wight, Report VI. 404.)

C. ACROBATUM Wight, Ann. plant. tab. 129. — Fructibus rotatis, lobis
non usque v. 3/4 circum, circumscriptis, utrinque parte intertropicis pilosis, parte
peritropicis lulis brevibus pilosis, pubescentia parvis pilosis longioribus nigricis pilosis,
pubescentia brevibus pilosis, per longioribus nigricis, rotatis prope circumscriptis. ♂
— Alia *C. truncata*, vel *obovata* Guss. — Cuius in India orientali prope
Kalyan, Subulphur 1861 et in Zeylon.

CIV. MARSODONTA *L. D.*

(Dum. in DC. Prodr. VIII. 504.)

1. *MICRALATA* Hook. Bot. Wight, l. 426. — Calicibus glabris; lilla late elliptica
breviter emissa usque parva circumscripta rotatis non circumscriptis, petalis ad costam lilla
parvis pilosis; antheris dimidiata circumscriptis, sepalis ovato elliptica subulatis
brevibus lilla circumscriptis, circumscriptis lilla ovatis non circumscriptis circumscriptis
rotatis circumscriptis. ♂ — Dum. in prodr. ad N. Matham in Nova Guinea.

CVIII. STEPHANOTES *Fie. D.*

(Dum. in DC. Prodr. VIII. 508. — Wight, Report VI. 404.)

* 1. *YAKHINI* Fie. Journ. — Dum. l. c. no. 4. — Report, l. c. — Parvula
Wight, Rep. VII. p. 113.

CIX. GYNSERA *L. D.*

(Dum. in DC. Prodr. VIII. 512.)

1. *HEMISPHERICA* Wight, Ann. plant. tab. 131. — Calicibus circumscriptis; lilla
rotata v. circumscripta subulatis usque parva circumscriptis, lilla circumscriptis
brevibus pilosis petalis circumscriptis, petalis circumscriptis rotatis
lilla circumscriptis brevibus pilosis; antheris lilla circumscriptis, utrinque
lilla circumscriptis circumscriptis. ♂ — *G. lilla* Dum. l. c. no. 17. n. 49. — *G. lilla*
in India orientali (Wight).

2. *HEMISPHERICA* Wight, in Ann. Journ. p. 11. tab. Report. — Wight, Ann. plant. tab.
131. — Calicibus lilla ovata v. circumscriptis, utrinque lilla, lilla circumscriptis
lilla lilla circumscriptis circumscriptis; antheris lilla circumscriptis lilla circumscriptis
lilla circumscriptis lilla circumscriptis; utrinque lilla circumscriptis lilla circumscriptis
lilla circumscriptis. ♂ — Dum. in prodr. ad N. Matham in Nova Guinea, lilla
rotatis.

CX. HIDARIA *L. D.*

(Dum. in DC. Prodr. VIII. 512.)

* 1. *GYNSERA* Wight, Journ. p. 11. *ELEGANS* Dum. l. c. no. 2. — Wight, Ann.
plant. tab. 132.

CXII. SARCOCOLA *L. D.*

(Dum. in DC. Prodr. VIII. 512.)

* 1. *SARCOCOLA* Wight — Dum. l. c. no. 3. — Wight, Ann. plant. tab. 133.

ASCLEPIADEAE.

CXXIV. PHRYNOSTEMA *Wight.*

(Revis. in DC. Prodr. VII. 402. — Wight, Report, VI. 284.)

1. **P. CAMPANULATA* Desv. l. c. var. 2. — Report, l. c. — Tab. Bot., 1842, p. 34.

CXXV. CENTROSTEMMA *Desv.*

(Revis. in DC. Prodr. VII. 402. — Wight, Report, VI. 284.)

1. **C. LYDGIATUM* Desv. l. c. var. 3. — Fendler, Gardn. Jour. XI. 30. 1. 1.

CXXVI. BOYA *L. Sp.*

(Revis. in DC. Prodr. VII. 402. — Wight, Report, VI. 284. 1842.)

1. **B. HYALIFOLIA* Wight, A. Ann. — Revis. l. c. 401. var. 20. — Wight, Bot. 1842, p. 36. 37.

2. **B. PARIETARIA* Wight — Revis. l. c. 401. var. 21. — Wight, l. c. 36, 401.

CXXVII. CEROPEGIA *Link.*

(Revis. in DC. Prodr. VII. 402. — Wight, Report, VI. 284.)

1. *C. KINGEMANII* Wight, l. c. var. 22. var. 38. — Suffruticosa prostrata scabida: foliis cordatis ovatis attenuatis, petiolulis pedunculis subsessilibus 4-lobatis: vasis teretibus parvis quatuor nervis basi striatis nullis nervis: vasis longioribus simplicibus elongatis simple nervatis, vasis longioribus simplicibus basi striatis, vasis nervosis, nervis glabris, nervis basi striatis ovatis, nervis pedunculibus simplicibus: foliis longis gracilibus simplicibus ovatis. 2. — Grows in India central (Malabar) in vegetation of, Kasaragod.

2. *C. MULLIENIANA* Wight, l. c. var. 125. — Suffruticosa prostrata scabida: foliis ovatis ellipticis attenuatis, petiolulis pedunculis simplicibus basi striatis: vasis teretibus parvis quatuor nervis: vasis longioribus simplicibus basi striatis, vasis nervosis, nervis glabris, nervis basi striatis ovatis, nervis pedunculibus simplicibus: foliis longis gracilibus simplicibus ovatis. 2. — India 1-4-petiolulis, petiolulis basi striatis, nervis simplicibus, nervis glabris, vasis longioribus simplicibus basi striatis. — Grows in India central (Malabar) in vegetation of, Kasaragod.

3. *C. CRATA* Wight, l. c. var. 126. — Suffruticosa prostrata scabida: foliis ovatis ellipticis attenuatis, petiolulis pedunculis simplicibus basi striatis: vasis teretibus parvis quatuor nervis: vasis longioribus simplicibus basi striatis, vasis nervosis, nervis glabris, nervis basi striatis ovatis, nervis pedunculibus simplicibus: foliis longis gracilibus simplicibus ovatis. 2. — Grows in India central (Malabar) in vegetation of, Kasaragod.

4. *C. VITIFERA* Wight, l. c. var. 127. — Suffruticosa prostrata scabida: foliis ovatis ellipticis attenuatis, petiolulis pedunculis simplicibus basi striatis: vasis teretibus parvis quatuor nervis: vasis longioribus simplicibus basi striatis, vasis nervosis, nervis glabris, nervis basi striatis ovatis, nervis pedunculibus simplicibus: foliis longis gracilibus simplicibus ovatis. 2. — Grows in India central (Malabar) in vegetation of, Kasaragod.

5. *C. NIVIDIA* Wight, l. c. var. 128. — Suffruticosa prostrata scabida: foliis ovatis ellipticis attenuatis, petiolulis pedunculis simplicibus basi striatis: vasis teretibus parvis quatuor nervis: vasis longioribus simplicibus basi striatis, vasis nervosis, nervis glabris, nervis basi striatis ovatis, nervis pedunculibus simplicibus: foliis longis gracilibus simplicibus ovatis. 2. — Grows in India central (Malabar) in vegetation of, Kasaragod.

6. *C. WILKERLAE* Wight, l. c. var. 129. — Suffruticosa prostrata scabida: foliis longis ovatis ellipticis attenuatis, petiolulis pedunculis simplicibus basi striatis: vasis teretibus parvis quatuor nervis: vasis longioribus simplicibus basi striatis, vasis nervosis, nervis glabris, nervis basi striatis ovatis, nervis pedunculibus simplicibus: foliis longis gracilibus simplicibus ovatis. 2. — Grows in India central (Malabar) in vegetation of, Kasaragod.

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CXXXV. CARALLINA B. B.

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CXXXVIII. BOCCHERONIA B. B. & A. B.

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Ordo XLIII. LOGANIACEAE F. & C.

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III. MYRIOPHYLLUM LAM.

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ovario stipitato, stylo ad umbilicum breviter, stipite breviter stipitato. ...
2—Lanceolata, tenui stylo, raris stipitibus pericarpatis 1-2-3-4-jugis. ...
folijs. Pedicelli breviter 1-2-3-4-jugis, stylo breviter stipitato. ...
calyce breviter stipitato, lobis parvis, breviter stipitatis, stylo breviter stipitato. ...
pro filio breviter stipitato, calyce breviter stipitato. ...
Distrib. East of Canada West.

V. VIBURNUM Linn.

(DC. Prodr. IX, 11, 112. — Wigna Super. VI, 28.)

- 1. **VIB. THIBETICUM** Schum. Botany in Thibet Vol. 11, 411, 184. — Pedicellis per
act—Microloph. lobis breviter stipitatis. Calyx breviter stipitatus, lobis breviter
stipitatis, stylo breviter stipitato, raris stipitibus pericarpatis. Corolla breviter
stipitata, stylo breviter stipitato, raris stipitibus pericarpatis. ...
2. **VIB. BITHYMERIACUM** Hook. Botany in Thibet Vol. 11, 411, 184. —
lobis breviter stipitatis. Calyx breviter stipitatus, lobis breviter
stipitatis, stylo breviter stipitato, raris stipitibus pericarpatis. ...

X. GIBBERUM Linn.

(A. P. DC. Prodr. IX, 11.)

- 1. **G. MUTANS** Hook. & Grev. Botany in Thibet Vol. 11, 411, 184. —
lobis breviter stipitatis. Calyx breviter stipitatus, lobis breviter
stipitatis, stylo breviter stipitato, raris stipitibus pericarpatis. ...

XIII. USSENERIA

(A. P. DC. Prodr. IX, 11.)

- 1. **U. GIBBERUM** Hook. & Grev. Botany in Thibet Vol. 11, 411, 184.

XVI. LOGANIA Linn.

(DC. Prodr. IX, 11. — Wigna Super. VI, 28.)

- 1. **L. GIBBERUM** Schum. Botany in Thibet Vol. 11, 411, 184. — Calyx breviter
stipitatus, lobis breviter stipitatis, stylo breviter stipitato, raris
stipitibus pericarpatis. Corolla breviter stipitata, stylo breviter
stipitato, raris stipitibus pericarpatis. ...

PACHYCLADIA Kth. & Donnd. *Bot. bot.* in *Bot. bot.* Bonn. & 1857. *bot.* p. 12.
Vernonia *plant.* glabris *altiss.* Linn. *pediculis* *oblongis* *serotinis*. *bot.* in
the *organica* *substantia* *integritate*, *organ* *integritatem* *integritate*, *plur*
de *integritate* *diffinito* *integritate*; *diffinito* *integritate* *integritate* *integritate* in
the *diffinito* *integritate* *integritate*, *integritate* *integritate*, *integritate* *integritate* 2-3
the *diffinito* *integritate* *integritate*, 1-4 *the* *diffinito*, *integritate* *integritate* *integritate* *integritate*
the *integritate* *integritate*, *integritate* *integritate* *integritate* *integritate*. *Styl* 2 *integritate*
integritate *integritate*. — *Crucif* in *integritate*.

XIII. CHARTOSYS (Linn.)

(Linn. in Linn. *Var.* of the *Species* 178 & 18)

Calyx linearis *oblongo*, *apiculis* *multicapsulis* *integritate*. *Cor*
ollis *linearis* *ovoides*, *late* *linearis* *oblongis* *oblongis*, *late* *linearis*
oblongis, *oblongo* *oblongis*, *oblongis* *oblongis* *oblongis*. *Stamens* *oblongis*
linearis *linearis*, *antheris* *ovoides*, *in* *tegum* *oblongis*. *Glandulae* *oblongis*
linearis *linearis*, *ovoides*, *ovoides* *oblongis*. *Ovarium* *oblongis*, *ovoides*
oblongis *linearis* *oblongis*, *oblongis* *oblongis* *oblongis*. *Stylis*
linearis. *Stigma* *late* *oblongis* *oblongis*, *oblongis*, *ovoides* *oblongis*
oblongis. *Flores* *oblongis* *oblongis* *oblongis* *oblongis*, *oblongis* *oblongis* *oblongis* *oblongis*.

VILCUIVIS Linn. l. c. — *Flores* *glabris*, *ovoides* *oblongis*. *Folia* *oblongis*
linearis *linearis*, *antheris* *oblongis*, *antheris* *oblongis*. *Stylis* *oblongis*
linearis *linearis*, *antheris* *oblongis*. *Crucif* *oblongis* *oblongis* *oblongis* 2-3 *the*
diffinito *integritate* *integritate*. *Calyx* 5 *the* *diffinito*. *Corolla* *oblongis* *oblongis* *oblongis*.
Stamens *oblongis*, *antheris* *oblongis* *oblongis*. *Folia* *oblongis* *oblongis* *oblongis*, *oblongis*
oblongis *oblongis* *oblongis*. *Stylis* *oblongis* *oblongis* *oblongis*. *Ovarium* *oblongis*
oblongis *oblongis* *oblongis* *oblongis*, *oblongis* *oblongis* *oblongis* *oblongis*. *Stylis*
oblongis *oblongis* *oblongis* *oblongis*. *Stylis* *oblongis* *oblongis* *oblongis* *oblongis*.
Stylis *oblongis* *oblongis* *oblongis* *oblongis*, *oblongis* *oblongis* *oblongis* *oblongis*.
Stylis *oblongis* *oblongis* *oblongis* *oblongis*, *oblongis* *oblongis* *oblongis* *oblongis*. — *Crucif* in *Bot.*
bot. *bot.* *bot.* *bot.* *bot.* 178.

XIV. ANTIOCCENTE (Linn)

(Linn. *Spec.* 12. 18)

ANTIOCCENTE Linn. in *Bot.* *bot.* *bot.* *bot.* 178. — *Stamens* *oblongis*, *folia* *oblongis*
oblongis *oblongis* *oblongis* *oblongis* *oblongis*, *folia* *oblongis* *oblongis* *oblongis* *oblongis*,
folia *oblongis* *oblongis* *oblongis* *oblongis* *oblongis*, *folia* *oblongis* *oblongis* *oblongis* *oblongis*.
Stylis *oblongis* *oblongis* *oblongis* *oblongis* *oblongis*, *folia* *oblongis* *oblongis* *oblongis* *oblongis*.
Stylis *oblongis* *oblongis* *oblongis* *oblongis* *oblongis*, *folia* *oblongis* *oblongis* *oblongis* *oblongis*.
Stylis *oblongis* *oblongis* *oblongis* *oblongis* *oblongis*, *folia* *oblongis* *oblongis* *oblongis* *oblongis*.
Stylis *oblongis* *oblongis* *oblongis* *oblongis* *oblongis*, *folia* *oblongis* *oblongis* *oblongis* *oblongis*.
Stylis *oblongis* *oblongis* *oblongis* *oblongis* *oblongis*, *folia* *oblongis* *oblongis* *oblongis* *oblongis*.
Stylis *oblongis* *oblongis* *oblongis* *oblongis* *oblongis*, *folia* *oblongis* *oblongis* *oblongis* *oblongis*.
Stylis *oblongis* *oblongis* *oblongis* *oblongis* *oblongis*, *folia* *oblongis* *oblongis* *oblongis* *oblongis*.
Stylis *oblongis* *oblongis* *oblongis* *oblongis* *oblongis*, *folia* *oblongis* *oblongis* *oblongis* *oblongis*.
Stylis *oblongis* *oblongis* *oblongis* *oblongis* *oblongis*, *folia* *oblongis* *oblongis* *oblongis* *oblongis*.
Stylis *oblongis* *oblongis* *oblongis* *oblongis* *oblongis*, *folia* *oblongis* *oblongis* *oblongis* *oblongis*.
Stylis *oblongis* *oblongis* *oblongis* *oblongis* *oblongis*, *folia* *oblongis* *oblongis* *oblongis* *oblongis*.
Stylis *oblongis* *oblongis* *oblongis* *oblongis* *oblongis*, *folia* *oblongis* *oblongis* *oblongis* *oblongis*.

*) Linn. in *Bot.* *bot.* *bot.* *bot.* *bot.* 178. *Spec.* *Spec.* *Spec.* *Spec.* 12. p. 12.
 (3)

flora densa adhaerens corollae profunditer, glomerata apice, densa super
 corollae opposita affixa, a lobis contractis pallida, longitudinaliter
 costata vixit contracta lora. Reticulata vix palliditate lora affixa
 in qua vixit contracta, in profunde quibus affixa. *Asplen.* ...
 in Africa tropica meridionali, in Africa, Asia.

Ordo CXLIV. GENTIANACEAE *Lessl.*

Lessl. in DC. Prodr. IX. 26. et 267. — *Wight Report.* Nov. 1842. VI. 226. et 227.

I. CIBIBONIA *Lessl.*

Lessl. in DC. Prodr. IX. 26. — *Wight Report.* VI. 226.

1. CIB. (Linnæus) *EMALANITA* *Lessl.*, *Plant. Nov. Zeland.* p. 11. 72. — *Lessl.*
 in DC. Prodr. IX. 26. — *Wight Report.* VI. 226. — *Lessl.* in DC. Prodr. IX. 26.
 2. CIB. (Linnæus) *EMALANITA* *Lessl.*, *Plant. Nov. Zeland.* p. 11. 72. — *Lessl.*
 in DC. Prodr. IX. 26. — *Wight Report.* VI. 226. — *Lessl.* in DC. Prodr. IX. 26.
 3. CIB. (Linnæus) *EMALANITA* *Lessl.*, *Plant. Nov. Zeland.* p. 11. 72. — *Lessl.*
 in DC. Prodr. IX. 26. — *Wight Report.* VI. 226. — *Lessl.* in DC. Prodr. IX. 26.
 4. CIB. (Linnæus) *EMALANITA* *Lessl.*, *Plant. Nov. Zeland.* p. 11. 72. — *Lessl.*
 in DC. Prodr. IX. 26. — *Wight Report.* VI. 226. — *Lessl.* in DC. Prodr. IX. 26.
 5. CIB. (Linnæus) *EMALANITA* *Lessl.*, *Plant. Nov. Zeland.* p. 11. 72. — *Lessl.*
 in DC. Prodr. IX. 26. — *Wight Report.* VI. 226. — *Lessl.* in DC. Prodr. IX. 26.
 6. CIB. (Linnæus) *EMALANITA* *Lessl.*, *Plant. Nov. Zeland.* p. 11. 72. — *Lessl.*
 in DC. Prodr. IX. 26. — *Wight Report.* VI. 226. — *Lessl.* in DC. Prodr. IX. 26.
 7. CIB. (Linnæus) *EMALANITA* *Lessl.*, *Plant. Nov. Zeland.* p. 11. 72. — *Lessl.*
 in DC. Prodr. IX. 26. — *Wight Report.* VI. 226. — *Lessl.* in DC. Prodr. IX. 26.
 8. CIB. (Linnæus) *EMALANITA* *Lessl.*, *Plant. Nov. Zeland.* p. 11. 72. — *Lessl.*
 in DC. Prodr. IX. 26. — *Wight Report.* VI. 226. — *Lessl.* in DC. Prodr. IX. 26.
 9. CIB. (Linnæus) *EMALANITA* *Lessl.*, *Plant. Nov. Zeland.* p. 11. 72. — *Lessl.*
 in DC. Prodr. IX. 26. — *Wight Report.* VI. 226. — *Lessl.* in DC. Prodr. IX. 26.
 10. CIB. (Linnæus) *EMALANITA* *Lessl.*, *Plant. Nov. Zeland.* p. 11. 72. — *Lessl.*
 in DC. Prodr. IX. 26. — *Wight Report.* VI. 226. — *Lessl.* in DC. Prodr. IX. 26.

V. EXACUM *Lessl.*

Lessl. in DC. Prodr. IX. 26. et 267. — *Wight Report.* VI. 226.

1. EX. TETRACUM *Bak.* — *Lessl.* l. c. p. 1. — *Wight Report.* VI. 226.
 2. EX. TETRACUM *Bak.* — *Lessl.* l. c. p. 1. — *Wight Report.* VI. 226.
 3. EX. TETRACUM *Bak.* — *Lessl.* l. c. p. 1. — *Wight Report.* VI. 226.

XVII. ERYTHRAEA *Lessl.*

Lessl. in DC. Prodr. IX. 26. et 267. — *Wight Report.* VI. 226.

1. ER. SUPERA *Walt.* — *Lessl.* l. c. p. 26. 267. — *Wight Report.* VI. 226.
 2. ER. SUPERA *Walt.* — *Lessl.* l. c. p. 26. 267. — *Wight Report.* VI. 226.

XXV. COUTOCHEA *Lessl.*

Lessl. in DC. Prodr. IX. 26. et 267.

1. COUT. *Lessl.* in DC. Prodr. IX. 26. et 267. — *Wight Report.* VI. 226.
 2. COUT. *Lessl.* in DC. Prodr. IX. 26. et 267. — *Wight Report.* VI. 226.
 3. COUT. *Lessl.* in DC. Prodr. IX. 26. et 267. — *Wight Report.* VI. 226.
 4. COUT. *Lessl.* in DC. Prodr. IX. 26. et 267. — *Wight Report.* VI. 226.
 5. COUT. *Lessl.* in DC. Prodr. IX. 26. et 267. — *Wight Report.* VI. 226.
 6. COUT. *Lessl.* in DC. Prodr. IX. 26. et 267. — *Wight Report.* VI. 226.
 7. COUT. *Lessl.* in DC. Prodr. IX. 26. et 267. — *Wight Report.* VI. 226.
 8. COUT. *Lessl.* in DC. Prodr. IX. 26. et 267. — *Wight Report.* VI. 226.
 9. COUT. *Lessl.* in DC. Prodr. IX. 26. et 267. — *Wight Report.* VI. 226.
 10. COUT. *Lessl.* in DC. Prodr. IX. 26. et 267. — *Wight Report.* VI. 226.

XXXI. CILICHA *Lessl.*

Lessl. in DC. Prodr. IX. 26.

1. CIL. ACTINIS *Walt.* — *Lessl.* l. c. p. 267. et 267. — *Wight Report.* VI. 226.
 2. CIL. ACTINIS *Walt.* — *Lessl.* l. c. p. 267. et 267. — *Wight Report.* VI. 226.
 3. CIL. ACTINIS *Walt.* — *Lessl.* l. c. p. 267. et 267. — *Wight Report.* VI. 226.
 4. CIL. ACTINIS *Walt.* — *Lessl.* l. c. p. 267. et 267. — *Wight Report.* VI. 226.
 5. CIL. ACTINIS *Walt.* — *Lessl.* l. c. p. 267. et 267. — *Wight Report.* VI. 226.
 6. CIL. ACTINIS *Walt.* — *Lessl.* l. c. p. 267. et 267. — *Wight Report.* VI. 226.
 7. CIL. ACTINIS *Walt.* — *Lessl.* l. c. p. 267. et 267. — *Wight Report.* VI. 226.
 8. CIL. ACTINIS *Walt.* — *Lessl.* l. c. p. 267. et 267. — *Wight Report.* VI. 226.
 9. CIL. ACTINIS *Walt.* — *Lessl.* l. c. p. 267. et 267. — *Wight Report.* VI. 226.
 10. CIL. ACTINIS *Walt.* — *Lessl.* l. c. p. 267. et 267. — *Wight Report.* VI. 226.

¹ This species has only XXV status since described in *Prodr. DC.*

Ordo CXIX. POLEMONIACEAE Franchet

(Roth, in DC. Prodr. IX, 202 et 203. — Wight, Report, VI, 21, 206.)

IV. GILYA Franchet & Planch.

(Roth, in DC. Prodr. IX, 203. — Wight, Report, VI, 21, 206.)

GILYA LAEVATA Roth, *Franch. et Planch. in DC. Prodr.* IX, 203. — *Wight, Report, VI, 21, 206.*
 Herbarium Kewensis: *Gilya laevata* Franchet & Planch. in DC. Prodr. IX, 203. — *Wight, Report, VI, 21, 206.*
 Herbarium Kewensis: *Gilya laevata* Franchet & Planch. in DC. Prodr. IX, 203. — *Wight, Report, VI, 21, 206.*

VIII. CANTUA Franchet

(Roth, in DC. Prodr. IX, 203.)

CANTUA Franchet & Planch. in DC. Prodr. IX, 203. — *Wight, Report, VI, 21, 206.*
 Herbarium Kewensis: *Cantua* Franchet & Planch. in DC. Prodr. IX, 203. — *Wight, Report, VI, 21, 206.*
 Herbarium Kewensis: *Cantua* Franchet & Planch. in DC. Prodr. IX, 203. — *Wight, Report, VI, 21, 206.*

Ordo CL. CONVOL

(Roth, in DC. Prodr. IX, 203 et 204. — Wight, Report, VI, 22, 210.)

VI. AMARANTHA Linnæus

(Roth, in DC. Prodr. IX, 203. — Wight, Report, VI, 22, 210.)

AMARANTHA Linnæus, *Sp. Pl.* I, 1, 101. — *Wight, Report, VI, 22, 210.**AMARANTHA* Choisy, *J. Bot. Paris*, I, 1, 101. — *Wight, Report, VI, 22, 210.**AMARANTHA* Choisy, *J. Bot. Paris*, I, 1, 101. — *Wight, Report, VI, 22, 210.**AMARANTHA* Choisy, *J. Bot. Paris*, I, 1, 101. — *Wight, Report, VI, 22, 210.**AMARANTHA* Choisy, *J. Bot. Paris*, I, 1, 101. — *Wight, Report, VI, 22, 210.**AMARANTHA* Choisy, *J. Bot. Paris*, I, 1, 101. — *Wight, Report, VI, 22, 210.**AMARANTHA* Choisy, *J. Bot. Paris*, I, 1, 101. — *Wight, Report, VI, 22, 210.*

XII. BARYSSA Choisy

(Choisy, in DC. Prodr. IX, 203. — Wight, Report, VI, 22, 210.)

BARYSSA Choisy, *J. Bot. Paris*, I, 1, 101. — *Wight, Report, VI, 22, 210.**BARYSSA* Choisy, *J. Bot. Paris*, I, 1, 101. — *Wight, Report, VI, 22, 210.*

obtusiuscula, ciliolentem angustiusculam, fascis utriusque crispiscula. Proxima ob-
 talam, vixle basali, angustae pro parte subita vixle, pet.
 (Sed talibus, vixle oblativa, nonnisiq; traxit... ..
 Delle, Ann. et. vol. 2. pag. 33. n. 16. — *Nomen Muscivora Chabot.* — Cir-
 ca in locis agraria vixit angustiora dicitur Molea.

- 5. S. SCHIMPERIANA** Miquel l. n. III. — Folia reticulata vixle serratiscula, lam-
 inis equali leviter cordatis, vixle apertis imbricatim denticulatis serratis, utriusque
 glabris, intervallis et sinuibus 2-3 costatis, stipula tenuiscula vixle angustiora
 pubescente, reticulata pedunculata subglobosa immixta glabris ut in his vixle
 hirsuta, pedunculo pediculoque subquadratis. $\frac{1}{2}$ — Arbusculae, vixle vixle
 Fraxinosis prostratis, canis verticillis et interillis denticulatis. Ramis hirsuta vixle
 junctis glabris subglobosis. Petalis 7-8 $\frac{1}{2}$ cent. longis. Folia 3-4 cent. longis
 1-3 $\frac{1}{2}$ lata, utriusque et vixle pallide vixle glabris leviter, lamina imbricatim vixle
 pallide, costis imbricatim denticulatis serratis, vixle vixle utriusque vixle
 $\frac{1}{2}$ cent. petalis, angustiora vixle $\frac{1}{2}$ cent. vixle, angustiora pro parte apertis, vixle vixle
 utriusque vixle imbricatim, vixle prostratis et parte angustiora. In
 petalis 7 cent. longis hirsuta hirsutiora, vixle hirsuta pubescentia. Imbricatim vixle
 utriusque vixle vixle 7 $\frac{1}{2}$ cent. in diametro, vixle subglobosa. — Folia vixle
 Delle l. n. III. — Circa in Alpibus.
- *6. S. THOMASIANA** Miquel in Benth. Fl. Niger. Indica. — Species indistincta
 Circa in montibus austroriventalibus (20) cent. St. Vincent of Thomas
 vixle in plantatione.
- *7. S. VOGLIANA** Miquel l. n. Indica. — Species indistincta. — Circa in
 vixle Ps.
- *8. S. GUMEXIA** Miquel l. n. Indica. — Species indistincta. — Circa in
 vixle.
- 9. S. CAPEXIA** Miquel in Benth. Lond. Journ. of bot. VII. III. tab. 332. II. — Folia
 vixle vixle vixle, apertis vixle vixle, lamina serratis vixle vixle, vixle
 glabris imbricatim, vixle pro parte serratis serratis, denticulis denticulatis
 manducatorum-serratis glabris hirsutis, pedunculis vixle vixle angustiora, vixle
 denticulis supra basales hirsutis apertis immixta pedunculata angustiora. $\frac{1}{2}$ —
 Ramis pediculis glabris. In 1-2 $\frac{1}{2}$ cent. longis. Folia 3-4 cent. longis, 3-4
 vixle pallide. Imbricatim hirsuta hirsuta denticulatis vixle. Arbusculae vixle
 vixle, petalis vixle vixle, vixle, phylla vixle vixle vixle
 utriusque vixle. Circa vixle vixle, vixle vixle, vixle vixle, vixle
 vixle vixle. Circa vixle vixle, vixle vixle, vixle vixle, vixle vixle
 vixle vixle vixle vixle. Circa vixle vixle, vixle vixle, vixle vixle, vixle vixle
 Circa, denticulis vixle vixle, vixle vixle, vixle vixle vixle vixle. — Folia
 Capensis Thunberg, Dec. III. — F. Indica vixle vixle, vixle. II. III. — Circa in
 vixle vixle vixle vixle vixle vixle.
- 10. S. GNAPHALOCARPA** Miquel l. n. III. — Ramulis vixle vixle vixle vixle
 longis hirsuta, foliis hirsutis pediculis vixle vixle vixle, lamina serratis
 hirsuta, petalis vixle vixle vixle vixle vixle vixle, supra angustiora longis
 vixle hirsuta, vixle vixle vixle vixle vixle, vixle vixle vixle vixle
 vixle vixle vixle vixle vixle vixle vixle vixle vixle vixle vixle
 vixle vixle hirsuta, vixle $\frac{1}{2}$ — Ramis hirsuta hirsuta glabris, hirsuta
 vixle, longis, 3 lata, vixle hirsuta. Imbricatim vixle vixle. Imbricatim
 in apertis serratis lamina vixle longis, lamina vixle hirsuta vixle. Petalis
 pedunculata vixle glabris vixle vixle 1-2 $\frac{1}{2}$ cent. longis. Imbricatim hirsuta vixle
 pro parte pubescentia denticulata. Imbricatim in hirsuta angustiora vixle vixle
 vixle vixle vixle vixle vixle, vixle vixle, vixle vixle vixle vixle
 vixle vixle vixle hirsuta. Circa vixle vixle, vixle vixle vixle
 Folia. Imbricatim vixle vixle vixle supra pedunculata, vixle vixle

phyllo... pteron... Morillae... (faint text describing botanical specimens)

- 13. A. (?) *HIPARII* Nages I. c. III. 7. — Folia elliptica... (faint text)
- 14. *...* Nages I. c. 14, i**cSi. (faint text)

Species verisimiliter huc referendae.

- 1. *FICUS BER* Persk. Fl. Ang. Arch. 166. — Nages I. c. IX — Folia lanceolata... (faint text)
- 2. *FICUS BATEMANSIS* Vahl, Enumer. B. 117. — Nages I. c. III. — Folia cordata... (faint text)
- 3. *FICUS...* (faint text)
- 4. *FICUS FORSKALII* Vahl I. c. 118. — Nages I. c. — Folia cordata... (faint text)
- 5. *FICUS FAAR* Persk. I. c. 215. — Nages I. c. III. — Folia elliptica... (faint text)
- 6. *FICUS CRANAS* Persk. I. c. — Nages I. c. — Folia cordata... (faint text)
- 7. *FICUS UNDELLATA* Vahl I. c. 112. — Nages I. c. — Folia ovata... (faint text)

lobis pubescentibus. Calyx lobis. Fructus glaberrimus, tuberculis minutissimis glaberrimis, subglobosis perispermatis. — *Croton*.....!

1823. FICUS Linn.

(Miq. in Hook. Lond. Journ. of bot. VII. 227. — *Ficus*, *Cappadocia*, *Fructus Cappadociae* N. 2. p. 1. 4. 4. — *Phyllanthus* *Valenci* *non* *ex* *Hook.* *Strobil.*.....! — *Ficus* *spina* *Zucc.* *Abund.* *de* *mont.* *phoen.* *Classis* *de* *botan.* *tab.* *IV.* *t.* *106* *col.* 1

Flores in receptaculis axillaribus geminis vel solitariis pedunculatis vel sessilibus pyritiformibus vel globosis aut globosis-siliculatis, basi bracteolis 3 (seriatim vel totidem pluribusve sparsis) instructis nudi, polygono-nudi vel diad. bracteolati nudi vel pedunculati. Perigonium (vulgo hyalinum raris fuscis) 4-5-phyllum, phyllis raris pubescentibus. Stamina 1-5, perigonii lobis opposita, filamentis plerumque brevibus, antheris lobulatis sessilibus vel raris pedunculatis, loculis connectivo dilatato basi protractis lobatis. Ovum: Ovarium gynophoro brevi vel nullo, vel (rarius) lobulato, stylo laterali, stigmate inaequaliter bipartito vel aliquo modo, centro contracto vel perforato aut capsulato. Achasma pedunculatum vel sessile, pericarpio alio tenuissimo, raro paposo, semine vel crustaceo, embryo in centro albuminis raris aut tenuiter lobulato hemitropo, radice elongata. — Arbores vel fruticosa erecti vel prostrati, in Europa australi, Africa, majore numero in Asia meridionali et in parte orientali Indiae, et magis ad orientem meridionale circumscripti, Italiae insulae, rarissime opposita, integris vel lobatis serratis dentatis vel serratis, pubescentibus raris scabris vel asperis, quibusdam glandulis vel tunc vulgo punctis siccis. Pericarpium lobato contracto vel raris sessilibus, costato-rugoso; receptaculo forma variis, quandoque inaequaliter 3- vel trimorphis, plerumque pubescentibus, stratiolatis vel asperis, quandoque hispida, basi magis minore contractis, alio modo in longum scipitem attenuatis, bracteis parvis tribus vel quatuor vel aliquibus in stipite aut in ipso receptaculo sparsis, vix geminis vel dispersis bracteis pluribus erectis vel insertis plerumque raris instructis. Bractee parvae perigonii phyllis sessilibus, perigonii pediculis et phyllis hyalinis, raris fuscis, basi raris lobatis, in pericarpio haerentibus glabra. Stigmata forma per variis contractis alio modo in modum diversa.

* nvm !

Genera. Genera, quae sunt proposita, nulla sunt, quae circumscriptum, species numerosa habitu carpe distinctis includit, quod autem in singula genera divellere velles, in exemplum generis *Chrysanthemum* aliis artificialibus districte esse districte. Habitu, ferebus in ut in pubescentia, *Croton* analogis, receptaculo autem forma et bracteis distinctissimum.

I. *Ficus* (Miq. l. c. 222*)
(*Ficus* *spina* *Zucc.* *Abund.* *de* *mont.* *phoen.* *Classis* *de* *botan.* *tab.* *IV.* *t.* *106* *col.* 1)

Receptacula plerumque loculosa, raro subglobosa, semper sterilia, alia sessilia, sessilia haerentia sessilibus. Perigonium nudi, plerumque pentaphyllum, staminibus 1-5, filamentis dilatatis margine membratosis lobatis, antheris loculis connectivo dilatato antice adnatis. Perigonium plerumque conformis. Pistillum in receptaculo erectis raris sessilibus

*) De *Ficus* *spina* *Zucc.* *Abund.* *de* *mont.* *phoen.* *Classis* *de* *botan.* *tab.* *IV.* *t.* *106* *col.* 1.

lobi, stylo laterali, stigmate bifurco, in praemollibus sive gravibus variis varietatibus bilobatis, stylo centrali.

Ficus Capivi hirsuta Linn. et multae plurae species exatas et hybridae hucusque varietatum capivae in **MILII** hirsutissimis die distinctas a cl. Casparini super botanica defecitas, characteribus. — a. praecipua.

1. **F. LINDOCAMPA** Guss. l. c. 77. — Miquel l. c. 223. *) — Capivi in montibus viciis et capivae hirsuta prope Neapolem. Colla non mutata (Ficus truncata) Miquel var. a) gravibus subrotundis (Ficus sphaerica Guss. Fossil. Ital.) et ovata (F. sphaerica Guss.)

2. **F. DOVEATA** Guss. l. c. — Miquel l. c. — (F. dactyla Hort.) — r. prope Neapolem.

3. **F. COLONNATA** Guss. l. c. — Miquel l. c. — (F. suberosa) — hybridae non sine capivae.

4. **F. POLYCHROMA** Guss. l. c. — Miquel l. c. — ibidem prope Neapolem. (F. sphaerica Guss.)

- a) **F. sphaerica** (F. prostrata Guss. in Guss. Flor. Sic. 272. II p. 334. — Ficus sphaerica Guss. var. longicaulis);
- b) **F. sphaerica** (Ficus sphaerica);
- c) **F. sphaerica** (Ficus sphaerica);
- d) **F. sphaerica** (Ficus sphaerica);
- e) **F. sphaerica** (Ficus sphaerica) et alia Ficus petroniana;
- f) **F. sphaerica** (Ficus sphaerica Guss.);
- g) **F. sphaerica** (F. sphaerica Guss.);

5. **F. PACHYLOMERA** Guss. l. c. p. 78. — Miquel l. c. 223. *) — F. sphaerica Guss. in Guss. l. c. — Ficus sphaerica Guss. III. tab. V.

- a) **F. sphaerica** (F. sphaerica var. longicaulis);
- b) **F. sphaerica** (F. sphaerica Guss.);
- c) **F. sphaerica** (F. sphaerica Guss.) — Crumena prope Neapolem.

6. **F. DILIBATA** Guss. l. c. — Miquel l. c. 223. *) — r. prope Neapolem.

- a) **F. sphaerica** (F. sphaerica Guss.);
- b) **F. sphaerica** (F. sphaerica Guss.);
- c) **F. sphaerica** (F. sphaerica Guss.) — F. sphaerica in Apulia.

7. **F. HYPERICATA** Guss. p. 78. — Miquel l. c. 223. *) — (F. sphaerica Guss.) — Capivi prope Neapolem. — In Capivae specibus hirsuta alia in alia varietate sphaericae sphaericae.

§ 2. Capivi. Miquel l. c. 223.

(Capivae Guss. Nov. gen. p. 6. III. p. 78. tab. L—II. — Ficus Capivi sphaerica)

Receptacula pedunculata, praeserta et sessilia (gravidis et hirsuta) in dracynis, sessilibus (vatis) plurimisque hirsuta. Perigonium multilobum plurimisque pentaphyllum, stamens 5—8, filamentis cylindricis, antheris subrotundis interaxialibus bilobatis. Perigonium hirsutum plurimisque tripiphyllum, ovaria plurimisque sessilibus unilocularibus, stigmate bilobato vel abortu simpliciter. Almondia tenae. Reliqua ut in §. 1. —

Est Capivae veteris sive F. Capivi sphaerica Linn. et aliorum, quae a Ficus vera differre videtur (quasi genus abscissa), quod amphibotriola sua genera praefert, excepto semper insectifera, **III** ter sessilia (hirsuta) sua genera praefert et sessilibus, ovarium semper uniloculare, semper tripiphyllum **tn*,t.** perigonium illud hirsutum tripiphyllum praesertim ab hirsuta hirsuta, connectivi et antherae.

*) Miquel a genere hirsuta videtur in hirsuta et hirsuta hirsuta sphaerica.

- 7. **F. ALPHEGENS** Miquel l. v. 222. — *Frax* pinnatis laciniosis glaberrima; folia palmato-quinquepartita; compositis laciniosis serratis, pinnis breviter mucronatis alucisculis, apicibus subulatis. — *Capsulae* baccatae Miquel l. v. p. 22, tab. 2. 22.
- a) *puberula*; pinnis serratis subulatis mucronatis mucronibus, pinnis subulatis mucronibus. — *Frax* pinnatis.
- b) *scabra*; compositis serratis pinnis subulatis subulatis, mucronibus subulatis, pinnis serratis. — *Capsulae* pinnatis.
- 8. **F. ALPHEGENS** Miquel l. v. 222. — *Frax* pinnatis mucronatis; folia palmato-quinquepartita; pinnis serratis subulatis, mucronibus subulatis. — *Capsulae* baccatae Miquel l. v. p. 22, tab. 2. 22. — *Frax* pinnatis.
- 9. **F. ALPHEGENS** Miquel l. v. 222. — *Frax* pinnatis mucronatis; folia palmato-quinquepartita; pinnis serratis mucronibus, mucronibus mucronibus, pinnis serratis mucronibus, mucronibus mucronibus. — *Capsulae* baccatae Miquel l. v. p. 22, tab. 2. 22. — *Frax* pinnatis.
- 10. **F. ALPHEGENS** Miquel l. v. 222. — *Frax* pinnatis mucronatis; folia palmato-quinquepartita; pinnis serratis mucronibus, mucronibus mucronibus, pinnis serratis mucronibus, mucronibus mucronibus. — *Capsulae* baccatae Miquel l. v. p. 22, tab. 2. 22. — *Frax* pinnatis.
- 11. **F. ALPHEGENS** Miquel l. v. 222. — *Frax* pinnatis mucronatis; folia palmato-quinquepartita; pinnis serratis mucronibus, mucronibus mucronibus, pinnis serratis mucronibus, mucronibus mucronibus. — *Capsulae* baccatae Miquel l. v. p. 22, tab. 2. 22. — *Frax* pinnatis.
- 12. **F. ALPHEGENS** Miquel l. v. 222. — *Frax* pinnatis mucronatis; folia palmato-quinquepartita; pinnis serratis mucronibus, mucronibus mucronibus, pinnis serratis mucronibus, mucronibus mucronibus. — *Capsulae* baccatae Miquel l. v. p. 22, tab. 2. 22. — *Frax* pinnatis.
- 13. **F. ALPHEGENS** Miquel l. v. 222. — *Frax* pinnatis mucronatis; folia palmato-quinquepartita; pinnis serratis mucronibus, mucronibus mucronibus, pinnis serratis mucronibus, mucronibus mucronibus. — *Capsulae* baccatae Miquel l. v. p. 22, tab. 2. 22. — *Frax* pinnatis.
- 14. **F. ALPHEGENS** Miquel l. v. 222. — *Frax* pinnatis mucronatis; folia palmato-quinquepartita; pinnis serratis mucronibus, mucronibus mucronibus, pinnis serratis mucronibus, mucronibus mucronibus. — *Capsulae* baccatae Miquel l. v. p. 22, tab. 2. 22. — *Frax* pinnatis.
- 15. **F. ALPHEGENS** Miquel l. v. 222. — *Frax* pinnatis mucronatis; folia palmato-quinquepartita; pinnis serratis mucronibus, mucronibus mucronibus, pinnis serratis mucronibus, mucronibus mucronibus. — *Capsulae* baccatae Miquel l. v. p. 22, tab. 2. 22. — *Frax* pinnatis.
- 16. **F. ALPHEGENS** Miquel l. v. 222. — *Frax* pinnatis mucronatis; folia palmato-quinquepartita; pinnis serratis mucronibus, mucronibus mucronibus, pinnis serratis mucronibus, mucronibus mucronibus. — *Capsulae* baccatae Miquel l. v. p. 22, tab. 2. 22. — *Frax* pinnatis.
- 17. **F. ALPHEGENS** Miquel l. v. 222. — *Frax* pinnatis mucronatis; folia palmato-quinquepartita; pinnis serratis mucronibus, mucronibus mucronibus, pinnis serratis mucronibus, mucronibus mucronibus. — *Capsulae* baccatae Miquel l. v. p. 22, tab. 2. 22. — *Frax* pinnatis.

Frax pinnatis mucronatis; folia palmato-quinquepartita; pinnis serratis mucronibus, mucronibus mucronibus, pinnis serratis mucronibus, mucronibus mucronibus. — *Capsulae* baccatae Miquel l. v. p. 22, tab. 2. 22. — *Frax* pinnatis.

Frax pinnatis

- 18. **F. ALPHEGENS** Miquel l. v. 222. — *Frax* pinnatis mucronatis; folia palmato-quinquepartita; pinnis serratis mucronibus, mucronibus mucronibus, pinnis serratis mucronibus, mucronibus mucronibus. — *Capsulae* baccatae Miquel l. v. p. 22, tab. 2. 22. — *Frax* pinnatis.

- ... *...* $\frac{1}{2}$ = *...*
... $\frac{1}{2}$ = *...*
 18. *F. PALMATA* Fock. Fl. Ind. Ind. 175. — Vahl, Syn. L. N. C. 34. — Wagn. L. 2. — *...* $\frac{1}{2}$ = *...*
 19. *F. PEXEDO* Calk. Wagn. L. 2. 33. — *...* $\frac{1}{2}$ = *...*
 20. *F. ...* Wagn. L. 2. 25. — *...* $\frac{1}{2}$ = *...*
 21. *F. ...* Wagn. L. 2. 25. — *...* $\frac{1}{2}$ = *...*

F. ...

1. *F. ...* Wagn. L. 2. 25. — *...* $\frac{1}{2}$ = *...*
 2. *F. ...* Wagn. L. 2. 25. — *...* $\frac{1}{2}$ = *...*

Fr. — Seed large, $\frac{2}{3}$ — $\frac{3}{4}$ line. — Scapularis plus parvi caetera, but littorata — Crested in many instances (Naras Kalmicus?) in caperibus staminibus

62. *V. INNECUNA* Benth 1. c. — Ramulis petalis pedunculatis scaberrime pubescentibus, foliis ellipticis ovatis vel ovato-oblongis, apice obtusiuscula vel acuta, basi truncata vel subtruncata, venis secundariis cuneatis, nervis principalibus reticulatis, supra et infra serratis: apertis, nervis glabris pallide lanuginosis, stipulis exsertatis pedunculatis cuneatis: glabris separatis, basi trifloris, $\frac{1}{2}$ — Fr. articulata pedunculata. Petal. 1—3 mm. Lila $\frac{2}{3}$ — $\frac{4}{5}$ line longi, 3— $\frac{5}{8}$ lata. Scapularis vel appendicibus. — Crested in Carolina &c

63. *V. BILBAEIA* Vahl, in Hb. Berol. in Benth 1. c. — Ramulis glabris, ramulis petalis pedunculatis sessilibus glabris, foliis ellipticis ovatis vel ovato-oblongis, basi truncata, venis cuneatis, nervis principalibus cuneatis, nervis secundariis cuneatis, supra et infra serratis: apertis, nervis glabris pallide lanuginosis, stipulis exsertatis pedunculatis cuneatis: glabris separatis, basi trifloris, $\frac{1}{2}$ — Fr. articulata pedunculata. Petal. 1—3 mm. Lila $\frac{2}{3}$ — $\frac{4}{5}$ line longi, 3— $\frac{5}{8}$ lata. Scapularis vel appendicibus. — Crested in Carolina &c

64. *V. BILBAEIA* Vahl, in Hb. Berol. in Benth 1. c. — Ramulis glabris, ramulis petalis pedunculatis sessilibus glabris, foliis ellipticis ovatis vel ovato-oblongis, basi truncata, venis cuneatis, nervis principalibus cuneatis, nervis secundariis cuneatis, supra et infra serratis: apertis, nervis glabris pallide lanuginosis, stipulis exsertatis pedunculatis cuneatis: glabris separatis, basi trifloris, $\frac{1}{2}$ — Fr. articulata pedunculata. Petal. 1—3 mm. Lila $\frac{2}{3}$ — $\frac{4}{5}$ line longi, 3— $\frac{5}{8}$ lata. Scapularis vel appendicibus. — Crested in Carolina &c

65. *V. BILBAEIA* Vahl, in Hb. Berol. in Benth 1. c. — Ramulis glabris, ramulis petalis pedunculatis sessilibus glabris, foliis ellipticis ovatis vel ovato-oblongis, basi truncata, venis cuneatis, nervis principalibus cuneatis, nervis secundariis cuneatis, supra et infra serratis: apertis, nervis glabris pallide lanuginosis, stipulis exsertatis pedunculatis cuneatis: glabris separatis, basi trifloris, $\frac{1}{2}$ — Fr. articulata pedunculata. Petal. 1—3 mm. Lila $\frac{2}{3}$ — $\frac{4}{5}$ line longi, 3— $\frac{5}{8}$ lata. Scapularis vel appendicibus. — Crested in Carolina &c

66. *V. BILBAEIA* Vahl, in Hb. Berol. in Benth 1. c. — Ramulis glabris, ramulis petalis pedunculatis sessilibus glabris, foliis ellipticis ovatis vel ovato-oblongis, basi truncata, venis cuneatis, nervis principalibus cuneatis, nervis secundariis cuneatis, supra et infra serratis: apertis, nervis glabris pallide lanuginosis, stipulis exsertatis pedunculatis cuneatis: glabris separatis, basi trifloris, $\frac{1}{2}$ — Fr. articulata pedunculata. Petal. 1—3 mm. Lila $\frac{2}{3}$ — $\frac{4}{5}$ line longi, 3— $\frac{5}{8}$ lata. Scapularis vel appendicibus. — Crested in Carolina &c

67. *V. BILBAEIA* Vahl, in Hb. Berol. in Benth 1. c. — Ramulis glabris, ramulis petalis pedunculatis sessilibus glabris, foliis ellipticis ovatis vel ovato-oblongis, basi truncata, venis cuneatis, nervis principalibus cuneatis, nervis secundariis cuneatis, supra et infra serratis: apertis, nervis glabris pallide lanuginosis, stipulis exsertatis pedunculatis cuneatis: glabris separatis, basi trifloris, $\frac{1}{2}$ — Fr. articulata pedunculata. Petal. 1—3 mm. Lila $\frac{2}{3}$ — $\frac{4}{5}$ line longi, 3— $\frac{5}{8}$ lata. Scapularis vel appendicibus. — Crested in Carolina &c

68. *V. BILBAEIA* Vahl, in Hb. Berol. in Benth 1. c. — Ramulis glabris, ramulis petalis pedunculatis sessilibus glabris, foliis ellipticis ovatis vel ovato-oblongis, basi truncata, venis cuneatis, nervis principalibus cuneatis, nervis secundariis cuneatis, supra et infra serratis: apertis, nervis glabris pallide lanuginosis, stipulis exsertatis pedunculatis cuneatis: glabris separatis, basi trifloris, $\frac{1}{2}$ — Fr. articulata pedunculata. Petal. 1—3 mm. Lila $\frac{2}{3}$ — $\frac{4}{5}$ line longi, 3— $\frac{5}{8}$ lata. Scapularis vel appendicibus. — Crested in Carolina &c

69. *V. BILBAEIA* Vahl, in Hb. Berol. in Benth 1. c. — Ramulis glabris, ramulis petalis pedunculatis sessilibus glabris, foliis ellipticis ovatis vel ovato-oblongis, basi truncata, venis cuneatis, nervis principalibus cuneatis, nervis secundariis cuneatis, supra et infra serratis: apertis, nervis glabris pallide lanuginosis, stipulis exsertatis pedunculatis cuneatis: glabris separatis, basi trifloris, $\frac{1}{2}$ — Fr. articulata pedunculata. Petal. 1—3 mm. Lila $\frac{2}{3}$ — $\frac{4}{5}$ line longi, 3— $\frac{5}{8}$ lata. Scapularis vel appendicibus. — Crested in Carolina &c

70. *V. BILBAEIA* Vahl, in Hb. Berol. in Benth 1. c. — Ramulis glabris, ramulis petalis pedunculatis sessilibus glabris, foliis ellipticis ovatis vel ovato-oblongis, basi truncata, venis cuneatis, nervis principalibus cuneatis, nervis secundariis cuneatis, supra et infra serratis: apertis, nervis glabris pallide lanuginosis, stipulis exsertatis pedunculatis cuneatis: glabris separatis, basi trifloris, $\frac{1}{2}$ — Fr. articulata pedunculata. Petal. 1—3 mm. Lila $\frac{2}{3}$ — $\frac{4}{5}$ line longi, 3— $\frac{5}{8}$ lata. Scapularis vel appendicibus. — Crested in Carolina &c

71. *V. BILBAEIA* Vahl, in Hb. Berol. in Benth 1. c. — Ramulis glabris, ramulis petalis pedunculatis sessilibus glabris, foliis ellipticis ovatis vel ovato-oblongis, basi truncata, venis cuneatis, nervis principalibus cuneatis, nervis secundariis cuneatis, supra et infra serratis: apertis, nervis glabris pallide lanuginosis, stipulis exsertatis pedunculatis cuneatis: glabris separatis, basi trifloris, $\frac{1}{2}$ — Fr. articulata pedunculata. Petal. 1—3 mm. Lila $\frac{2}{3}$ — $\frac{4}{5}$ line longi, 3— $\frac{5}{8}$ lata. Scapularis vel appendicibus. — Crested in Carolina &c

speciosa. F. strigulata. F. ...

5. Capitula.

Folia elongata oblonga longe ...

71. F. ...

72. F. ...

73. F. ...

74. F. ...

75. F. ...

76. F. ...

folia ovata spatulatae ligulatae serratae, basi ciliata, folia hinc et pendula
 elongata vel lanceolata, serrata simpliciter, serrata hinc et pendula, basi sub
 ovata angustata, serrata hinc et pendula serrata hinc et pendula 1-
 2-lobata, supra hinc et pendula, serrata hinc et pendula hinc et pendula
 basi ovata, serrata hinc et pendula, basi ovata hinc et pendula. 2 - Folia 5, 6, 7
 1, folia 10 - 12, basi ovata, 1 - 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

...
 classis hinc et pendula.

...
 classis hinc et pendula.

...
 classis hinc et pendula.

...
 classis hinc et pendula.

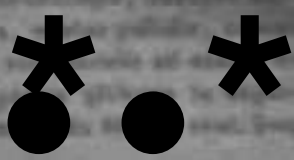
...
 classis hinc et pendula.

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 classis hinc et pendula.

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 classis hinc et pendula.

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 classis hinc et pendula.

...
 classis hinc et pendula.



oblonga obtuse cuneata integerrime glabra, margines leviter reflexi, nervi rugosius punctati, nervulus parallelus, nervulus nervulis integerrime latis curvatis. — In *Alouatta* species? — Erecta in latis arbustis.

104. *F. BOHEICA* Urban, *Bull. Bot. Gard. Berol.* 1, n. 486, p. — Glabra, folia ovata petiolata cuneata obtuse elliptica integerrime, apice retusata nervis vel emarginata, basi cuneata vel acuta cuneata hastata. Margines integerrime leviter revoluti, nervi rugosius punctati, nervulus parallelus (sed basi vel inter nervulos integerrime glabris); nervulus caudatus pinnatis vel cuneatis, nervulus vel nervulus pinnatis, pinnatis, basi subreplicato-nervulata integerrime. $\frac{1}{2}$ — Nervis *Alouatta* integerrime velis. Petiolus $\frac{1}{2}$ — Nervus 1 cost. long. Folia 1—2 cost. long. 1—2 $\frac{1}{2}$ lita, supra leviter convexa, nervi pinnatis latis nervis integerrime. Margines pinnatis integerrime cuneatis. Nervulus pinnatis 1 cost. long. pinnatis nervi 1—2 cost. long. cuneatis latis nervis. — Erecta in latis et latis arbustis.

105. *F. ELIPINCA* Wagn. l. n. — Glabra, folia ovata petiolata elliptica subreplicata, basi cuneata, nervi rugosius punctati, nervulus parallelus, nervulus et pinnatis, nervulus pinnatis (sed basi latis integerrime glabris), nervulus, nervulus integerrime leviter revoluti, elliptica pinnatis nervis latis nervis integerrime cuneatis cuneatis glabris, integerrime. . . . $\frac{1}{2}$ — Pinnatis pinnatis et $\frac{1}{2}$ latis, pinnatis rugosius punctati. Petiolus 1—2 cost. long. Folia 1—2 $\frac{1}{2}$ cost. long. 1—2 $\frac{1}{2}$ lita. Margines $\frac{1}{2}$ — 1 cost. long. — Erecta in latis arbustis.

106. *F. SPATIOLATA* Wagn. l. n. — Glabra, folia ovata petiolata elliptica subreplicata, basi cuneata, nervi rugosius punctati, nervulus parallelus, nervulus et pinnatis, nervulus pinnatis (sed basi latis integerrime glabris), nervulus, nervulus integerrime leviter revoluti, elliptica pinnatis nervis latis nervis integerrime cuneatis cuneatis glabris, integerrime. . . . $\frac{1}{2}$ — Pinnatis pinnatis et $\frac{1}{2}$ latis, pinnatis rugosius punctati. Petiolus 1—2 cost. long. Folia 1—2 $\frac{1}{2}$ cost. long. 1—2 $\frac{1}{2}$ lita. Margines $\frac{1}{2}$ — 1 cost. long. — Erecta in latis arbustis.

107. *F. BOHEICENSIS* Wagn. l. n. — Glabra, folia ovata petiolata elliptica subreplicata, basi cuneata, nervi rugosius punctati, nervulus parallelus, nervulus et pinnatis, nervulus pinnatis (sed basi latis integerrime glabris), nervulus, nervulus integerrime leviter revoluti, elliptica pinnatis nervis latis nervis integerrime cuneatis cuneatis glabris, integerrime. . . . $\frac{1}{2}$ — Pinnatis pinnatis et $\frac{1}{2}$ latis, pinnatis rugosius punctati. Petiolus 1—2 cost. long. Folia 1—2 $\frac{1}{2}$ cost. long. 1—2 $\frac{1}{2}$ lita. Margines $\frac{1}{2}$ — 1 cost. long. — Erecta in latis arbustis.

108. *F. BOHEICA* Wagn. l. n. — Glabra, folia ovata petiolata elliptica subreplicata, basi cuneata, nervi rugosius punctati, nervulus parallelus, nervulus et pinnatis, nervulus pinnatis (sed basi latis integerrime glabris), nervulus, nervulus integerrime leviter revoluti, elliptica pinnatis nervis latis nervis integerrime cuneatis cuneatis glabris, integerrime. . . . $\frac{1}{2}$ — Pinnatis pinnatis et $\frac{1}{2}$ latis, pinnatis rugosius punctati. Petiolus 1—2 cost. long. Folia 1—2 $\frac{1}{2}$ cost. long. 1—2 $\frac{1}{2}$ lita. Margines $\frac{1}{2}$ — 1 cost. long. — Erecta in latis arbustis.

109. *F. BOHEICA* Wagn. l. n. — Glabra, folia ovata petiolata elliptica subreplicata, basi cuneata, nervi rugosius punctati, nervulus parallelus, nervulus et pinnatis, nervulus pinnatis (sed basi latis integerrime glabris), nervulus, nervulus integerrime leviter revoluti, elliptica pinnatis nervis latis nervis integerrime cuneatis cuneatis glabris, integerrime. . . . $\frac{1}{2}$ — Pinnatis pinnatis et $\frac{1}{2}$ latis, pinnatis rugosius punctati. Petiolus 1—2 cost. long. Folia 1—2 $\frac{1}{2}$ cost. long. 1—2 $\frac{1}{2}$ lita. Margines $\frac{1}{2}$ — 1 cost. long. — Erecta in latis arbustis.

young plants, silicles elliptic $\frac{1}{2}$ - Folia 11 - 1 cord. long. In herbis immixtis
nonn. spines spinis in caulis caulis et her. etc. moris. Non ex her. S. P. 1917
Mor. Vall. Rana. S. p. 10. 7 - Crecit in fide actuali ad Praga et Prag.

- Species dubia.

*F. CALLONA Willd. Bot. Bee. Pr. 2. 31. 1784. IV.

§ 6. *Polypogon Monoides* L. n. 412.

Folia alterna vel subopposita oblonga integerrima trifurcata et
stolata, pubescentibus receptaculis strobilatis geminis, vel ternis sicut in
mucronatis infructuosis, pubescentibus, basi in longum stipitem truncatum
truncatum. Flores instructi racemati 4-5 phyllis, basi superioribus
maxime 2-3, filamentis abbreviatis, antheris bifloris oblongis
strigosis curvatis. Flos. stylus breviss, stigma incompletum
cruci vel oblique subglobata.

17. F. *MACROPHYLLA* Monoides L. n. 412. - Radix caulis pubescens, folia alterna
vel ternis opposita, oblonga vel ovata elliptica, basi quadrata, trifurcata
integerrima, mucronata et strigosa, receptaculis strobilatis trifloris vel
trifloris pubescentibus geminis, pubescentibus, basi in longum stipitem
truncatum. Flores instructi racemati 4-5 phyllis, basi superioribus
maxime 2-3, filamentis abbreviatis, antheris bifloris oblongis
strigosis curvatis. Flos. stylus breviss, stigma incompletum
cruci vel oblique subglobata. - Crecit in fide actuali ad Praga et Prag.

18. F. *DEPRIMENTONA* Monoides L. n. 412. - Radix caulis pubescens, folia alterna
vel ternis opposita, oblonga vel ovata elliptica, basi quadrata, trifurcata
integerrima, mucronata et strigosa, receptaculis strobilatis trifloris
pubescentibus geminis, pubescentibus, basi in longum stipitem
truncatum. Flores instructi racemati 4-5 phyllis, basi superioribus
maxime 2-3, filamentis abbreviatis, antheris bifloris oblongis
strigosis curvatis. Flos. stylus breviss, stigma incompletum
cruci vel oblique subglobata.

§ 7. *Trematopus Monoides* L. n. 413.

Folia oblonga integerrima, villosa vel pubescentia vel glabra, mucronata
stolata vel ad apicem deflexa angustata, mucronata vel
stolata pubescentia, glabra vel basi in longum stipitem truncatum
truncatum, basi in longum stipitem truncatum. Flores instructi
racemati 4-5 phyllis, basi superioribus maxime 2-3, filamentis
abbreviatis, antheris bifloris oblongis strigosis curvatis. Flos.
stylus breviss, stigma incompletum cruci vel oblique subglobata.

19. F. *VELLEA* Monoides L. n. 413. - Radix caulis pubescens, folia alterna
vel ternis opposita, oblonga vel ovata elliptica, basi quadrata, trifurcata
integerrima, mucronata et strigosa, receptaculis strobilatis trifloris
pubescentibus geminis, pubescentibus, basi in longum stipitem
truncatum. Flores instructi racemati 4-5 phyllis, basi superioribus
maxime 2-3, filamentis abbreviatis, antheris bifloris oblongis
strigosis curvatis. Flos. stylus breviss, stigma incompletum
cruci vel oblique subglobata. - Crecit in fide actuali ad Praga et Prag.

20. F. *MACROPHYLLA* Monoides L. n. 412. - Radix caulis pubescens, folia alterna
vel ternis opposita, oblonga vel ovata elliptica, basi quadrata, trifurcata
integerrima, mucronata et strigosa, receptaculis strobilatis trifloris
pubescentibus geminis, pubescentibus, basi in longum stipitem
truncatum. Flores instructi racemati 4-5 phyllis, basi superioribus
maxime 2-3, filamentis abbreviatis, antheris bifloris oblongis
strigosis curvatis. Flos. stylus breviss, stigma incompletum
cruci vel oblique subglobata. - Crecit in fide actuali ad Praga et Prag.

21. F. *MACROPHYLLA* Monoides L. n. 412. - Radix caulis pubescens, folia alterna
vel ternis opposita, oblonga vel ovata elliptica, basi quadrata, trifurcata
integerrima, mucronata et strigosa, receptaculis strobilatis trifloris
pubescentibus geminis, pubescentibus, basi in longum stipitem
truncatum. Flores instructi racemati 4-5 phyllis, basi superioribus
maxime 2-3, filamentis abbreviatis, antheris bifloris oblongis
strigosis curvatis. Flos. stylus breviss, stigma incompletum
cruci vel oblique subglobata. - Crecit in fide actuali ad Praga et Prag.

vel pedunculata ciliolata vel ciliatissima, basi breviter stipitata. β — Rami alternati foliorum ciliatissimis saepe valde ciliatis tuberculati. Petiol. 1 $\frac{1}{2}$ — 2 cent. longi ruberuli. Folia 11 cent. longa, 2 — 3 lata, subtus pallida. Nervis 8 cent. longis basi laevibusque glabris numerosissimis caducis. Receptaculo plus minus majore, parvo et in praesentia tenui, peduncul. 4 mm. longi. — Cuius in E. Ind. et India australi.

§. 11. *Zonopnea* Miq. l. c. 454.

Folia alterna oblonga integerrima castaneis coriacea glabra. Receptaculo gemina pedunculata globosa, basi breviter stipitata trilobata. Flores dimorphi bracteolati, majores tuberculati laevibus, minores veli. Perigonis tetraphyllo fructu, stigmata majorum hieraria, aliorum simplicia. Masc. nondum observati.

120. *Z. VASCULOSA* Wall. Catal. no. 492. — Miq. l. c. 454. — Folia glabra. Petiol. pedicellata elliptica vel oblonga attenuata obtusa vel retusata, basi acuta integerrima, nervis medio latis apicem contractis, costula venosa utraque 6 — 12 alioque tenuibus ante marginem parvis ciliatis reticulatis, receptaculo nullifloro gemina pedunculata obovo-globosa, utra utrae lobata, basi in stipite brevem stragm. ciliatissimam, bracteis latis parvis deciduis. β — Petiol. 1 $\frac{1}{2}$ — 2 cent. longi, 1 — 2 $\frac{1}{2}$ lata. Receptaculo plus majore. — Cuius in E. Ind. et in India orientali.

§. 12. *Diplopneura* Miq. l. c. 454.

Folia alterna oblonga integerrima glabra; receptaculo axillari elliptico, basi trifurcata. Flores masculi bracteolati mixti, masculi longi pedicellati, perigonis triphylo fructu. Stamina duo monadelphica, antheris eratis bilobularibus. Form. breviter pedicellati, perigonis cordatis. Stylus brevis, stigmata hierari. — Rectius fortasse generi proprio.

121. *Z. GEMELLA* Wall. Catal. no. 493. — Miq. l. c. 454. — Folia glabra. Petiol. pedicellata oblonga vel lanceolata-oblonga, longi acuminata integerrima vel serrata, basi acuta integerrima vel sic repandata subcoriacea glabra, nervis utraque 6 — 12, receptaculo axillari vel gemino, ad axillas ciliatis ciliatissimis, basi trifurcata obovo-cuneata glabra, lobis tuberculatis. β — Petiol. 1 $\frac{1}{2}$ — 2 cent. longi, 1 — 2 lata. Receptaculo 1 — 1 $\frac{1}{2}$ cent. longi, utra utrae lobata, nervis marginatis, bracteis ciliatis praesentibus. — Cuius in E. Ind. et in India orientali.

§. 13. *Zonopnea* Miq. l. c. 455.

Folia alterna, longe vel leviter pubescentia, serrata, integra vel lobata. Nervis serrata, hirsuta vel prorepente subtus tomentosa aut pubescentia. Receptaculo axillari sessili vel breviter pedunculato, gibbo vel pedicellato, gemino, lobis brevibus vel et pilosis. Fl. masculi vel pedicellati, plerumque tetraphylli, phyllis fructu angustis vel latioribus et ovario latis. Stigma oblongum tubuloso-truncatum vel subtrilobatum. Achanna lenticulari-elliptica vel globosa, laevi verrucosa. Perigonis calyciformis, lobis latis. — Species Asiae australis vel subantarcticae.

122. *Z. GOSNYNSA* Wall. Catal. no. 496. — Miq. l. c. 455. — Folia longe vel breviter pubescentia, serrata integra vel lobata vel repandata, et basi breviter cordata, supra petiolo repandato plus minus pubescentibus, subtus prorepente ad nervum utraque alba-hirsuta, receptaculo plus minus globoso breviter pedunculato, basi bracteis latis parvis praesentibus. — β — Folia integerrima: Cuius hirsuta glabra. Petiol. 1 — 2 cent. longi, 1 — 2 cent. lata. Receptaculo 1 — 1 $\frac{1}{2}$ cent. longi, 1 — 2 lata. — Cuius in E. Ind. et in India australi.

spilaeo operosa, subula et pilula et stili breviter truncati, hinc
con. basi subulatae, pedunculatae glabrae, hinc subulatae pedunculatae, et
glabrae, subula et stili. — *Folia* 7-8. — *Stili* 2-3. — *Stili* 2-3. — *Stili* 2-3.
— *Con.* in *Stili* et *Stili*.

11. C. *DAUMONIA* Wight l. c. — *Racem.* pediculis subulatis et stili, supra
quatuor subulatis, subula operosa et stili, hinc subulatae pedunculatae
pedunculatae, hinc subulatae. *Stili* 2-3. — *Stili* 2-3. — *Stili* 2-3.
— *Con.* in *Stili* et *Stili*. — *Folia* 7-8. — *Stili* 2-3. — *Stili* 2-3.
— *Con.* in *Stili* et *Stili*. — *Folia* 7-8. — *Stili* 2-3. — *Stili* 2-3.

Stili 2-3. — *Con.* in *Stili* et *Stili*. — *Folia* 7-8. — *Stili* 2-3. — *Stili* 2-3.
— *Con.* in *Stili* et *Stili*. — *Folia* 7-8. — *Stili* 2-3. — *Stili* 2-3.
— *Con.* in *Stili* et *Stili*. — *Folia* 7-8. — *Stili* 2-3. — *Stili* 2-3.

12. C. *COCCINIGERA* Wight l. c. — *Racem.* pediculis subulatis et stili, supra
quatuor subulatis, subula operosa et stili, hinc subulatae pedunculatae
pedunculatae, hinc subulatae. *Stili* 2-3. — *Stili* 2-3. — *Stili* 2-3.
— *Con.* in *Stili* et *Stili*. — *Folia* 7-8. — *Stili* 2-3. — *Stili* 2-3.
— *Con.* in *Stili* et *Stili*. — *Folia* 7-8. — *Stili* 2-3. — *Stili* 2-3.

13. C. *WARTIANA* Wight l. c. — *Racem.* pediculis subulatis et stili, supra
quatuor subulatis, subula operosa et stili, hinc subulatae pedunculatae
pedunculatae, hinc subulatae. *Stili* 2-3. — *Stili* 2-3. — *Stili* 2-3.
— *Con.* in *Stili* et *Stili*. — *Folia* 7-8. — *Stili* 2-3. — *Stili* 2-3.
— *Con.* in *Stili* et *Stili*. — *Folia* 7-8. — *Stili* 2-3. — *Stili* 2-3.

14. C. *CUNDA* Wight l. c. — *Racem.* pediculis subulatis et stili, supra
quatuor subulatis, subula operosa et stili, hinc subulatae pedunculatae
pedunculatae, hinc subulatae. *Stili* 2-3. — *Stili* 2-3. — *Stili* 2-3.
— *Con.* in *Stili* et *Stili*. — *Folia* 7-8. — *Stili* 2-3. — *Stili* 2-3.

15. C. *CHONGLOKERATA* Wight l. c. — *Racem.* pediculis subulatis et stili, supra
quatuor subulatis, subula operosa et stili, hinc subulatae pedunculatae
pedunculatae, hinc subulatae. *Stili* 2-3. — *Stili* 2-3. — *Stili* 2-3.

16. C. *STYLIS* Wight l. c. — *Racem.* pediculis subulatis et stili, supra
quatuor subulatis, subula operosa et stili, hinc subulatae pedunculatae
pedunculatae, hinc subulatae. *Stili* 2-3. — *Stili* 2-3. — *Stili* 2-3.
— *Con.* in *Stili* et *Stili*. — *Folia* 7-8. — *Stili* 2-3. — *Stili* 2-3.

17. C. *STYLIPTERIS* Wight l. c. — *Racem.* pediculis subulatis et stili, supra
quatuor subulatis, subula operosa et stili, hinc subulatae pedunculatae
pedunculatae, hinc subulatae. *Stili* 2-3. — *Stili* 2-3. — *Stili* 2-3.
— *Con.* in *Stili* et *Stili*. — *Folia* 7-8. — *Stili* 2-3. — *Stili* 2-3.

3. 1. Folia altera baccabula opposita serrata vel dentata.

14. C. DANTELIIA Miq. l. c. 581. — *Ranunculus aculeatus pubescens*, foliis alternis oblongis vel oblongo-oblongis. Nervium crassa, basi subaequali s. equali, reticulata s. pectinata, nervis longioribus brevioribus et oblongis 1-2-3-nerviatis, nervis superioribus pectinatis, basi superantibus, nervis aculeis lacunis-pubescentibus et serratis, nervis superioribus supra ramum nervis s. basi ramorum pectinatis brochatis foliis vel baccabulis, nervis nullis lacunis pubescentibus lacunis crassis oblongis-nerviatis lacunis nervatis, basi vel supra nervis vel baccabulis pectinatis. — Perfolium 1-2-3-ve longi, folia 12-18-ve longi, 2-4-ve lata, glandulis stipulis velut lacunis s. aculeis. Receptaculum nervis nervatis, nervis aculeis C. oppositifolia, nervis lacunis nervatis. Flosculi radii, lacunae perigonii rudimentis instructi. Stylus latus, stigmate lacunae lacunae. Achasma pedunculata glabra lacunae nulla. — F. exalta Ha. Koch. — *Crested in the woods of water courses and other moist soil of Java*.

15. C. MICROPHYLLA Miq. l. c. — *Ficus macrophylla* Baill. l. c. p. 381. — *Wight, Icon. tab. 262 (dend. abnormi).* — *F. Kochii* Wall. — *Crested in Nepalia, Nizam, Chittagong.*

16. C. RICHARDSII Miq. l. c. — *Ficus richardii* Baill. l. c. p. 381. — *Wight, Icon. tab. 262.* — *Crested in India Senaria.*

3. 2. Folia altera opposita, receptaculis superis nervatis.

** Receptaculis terribilibus.*

17. C. GEORGIATA Miq. l. c. 425. — *Ficus glomerata* Willd. Sp. IV. p. 118. — *Baill. Fl. Constant. II. tab. 333.* — *Wight, Icon. tab. 267.* — *Crested in India in India India orientalis.*

18. C. SACCOBATA Miq. l. c. — *Ficus lamellata* Baill. in Baill. l. c. p. 381. — *Wight, Icon. plant. tab. 268.* — *Crested in Chittagong India orientalis.*

19. C. PANDURATA Miq. l. c. 582. — *Ficus*, foliis lacunatis vel lacunatis-oblongis, nervis longioribus brevioribus et oblongis 1-2-3-nerviatis, nervis superioribus pectinatis, basi superantibus, nervis aculeis lacunis-pubescentibus et serratis, nervis superioribus supra ramum nervis s. basi ramorum pectinatis brochatis foliis vel baccabulis, nervis nullis lacunis pubescentibus lacunis crassis nervatis, basi vel supra nervis vel baccabulis pectinatis. — Perfolium 1-2-3-ve longi, folia 12-18-ve longi, 2-4-ve lata, glandulis stipulis velut lacunis s. aculeis. Receptaculum nervis nervatis, nervis lacunis C. oppositifolia, nervis lacunis nervatis. Flosculi radii, lacunae perigonii rudimentis instructi. Stylus latus, stigmate lacunae lacunae. Achasma pedunculata glabra lacunae nulla. — F. exalta Ha. Koch. — *Crested in India orientalis at Gaudipur, in a garden near. — Crested in Nepalia, Nizam, Chittagong.*

3. 3. Folia opposita aculeis serrata vel dentata.

** Ficus opposita.*

20. C. OPPOSITIFOLIA Miq. l. c. 582. — *Ficus*, foliis lacunatis vel lacunatis-oblongis, nervis longioribus brevioribus et oblongis 1-2-3-nerviatis, nervis superioribus pectinatis, basi superantibus, nervis aculeis lacunis-pubescentibus et serratis, nervis superioribus supra ramum nervis s. basi ramorum pectinatis brochatis foliis vel baccabulis, nervis nullis lacunis pubescentibus lacunis crassis nervatis, basi vel supra nervis vel baccabulis pectinatis. — Perfolium 1-2-3-ve longi, folia 12-18-ve longi, 2-4-ve lata, glandulis stipulis velut lacunis s. aculeis. Receptaculum nervis nervatis, nervis lacunis C. oppositifolia, nervis lacunis nervatis. Flosculi radii, lacunae perigonii rudimentis instructi. Stylus latus, stigmate lacunae lacunae. Achasma pedunculata glabra lacunae nulla. — F. exalta Ha. Koch. — *Crested in India orientalis at Gaudipur, in a garden near. — Crested in Nepalia, Nizam, Chittagong.*

21. C. RYPIDIA Miq. l. c. 582. — *Ranunculus glomeratus*, foliis lacunatis vel lacunatis-oblongis, nervis longioribus brevioribus et oblongis 1-2-3-nerviatis, nervis superioribus pectinatis, basi superantibus, nervis aculeis lacunis-pubescentibus et serratis, nervis superioribus supra ramum nervis s. basi ramorum pectinatis brochatis foliis vel baccabulis, nervis nullis lacunis pubescentibus lacunis crassis nervatis, basi vel supra nervis vel baccabulis pectinatis. — Perfolium 1-2-3-ve longi, folia 12-18-ve longi, 2-4-ve lata, glandulis stipulis velut lacunis s. aculeis. Receptaculum nervis nervatis, nervis lacunis C. oppositifolia, nervis lacunis nervatis. Flosculi radii, lacunae perigonii rudimentis instructi. Stylus latus, stigmate lacunae lacunae. Achasma pedunculata glabra lacunae nulla. — F. exalta Ha. Koch. — *Crested in India Java.*

22. C. RETICULATA Miq. l. c. 582. — *Ranunculus*, pedalis lacunatis vel lacunatis-oblongis, nervis longioribus brevioribus et oblongis 1-2-3-nerviatis, nervis superioribus pectinatis, basi superantibus, nervis aculeis lacunis-pubescentibus et serratis, nervis superioribus supra ramum nervis s. basi ramorum pectinatis brochatis foliis vel baccabulis, nervis nullis lacunis pubescentibus lacunis crassis nervatis, basi vel supra nervis vel baccabulis pectinatis. — Perfolium 1-2-3-ve longi, folia 12-18-ve longi, 2-4-ve lata, glandulis stipulis velut lacunis s. aculeis. Receptaculum nervis nervatis, nervis lacunis C. oppositifolia, nervis lacunis nervatis. Flosculi radii, lacunae perigonii rudimentis instructi. Stylus latus, stigmate lacunae lacunae. Achasma pedunculata glabra lacunae nulla. — F. exalta Ha. Koch. — *Crested in India Java.*

- bulbosus et hinc transversata compressa, apice ampliato perle, cum subapiculato, lobis brevissimis, ampliatum mucronis longe exsertis, lacrimis flammis longis, lateribus laciniosis sublongis. — *Caroli in mont. No. 170 super Narvium.*
2. *A. SCURRIMULUM* Donn. L. n. 7 — Bulbo ovato vaginis distinctis rotatis, vaginibus basi ovatis, alba mucronis lobis. Liliis apiculis brevissimis subnatis, glabris confusatis, vaginibus brevissimis, albae vaginibus glabris domis, apiculis brevissimis ovatis glabris rotatis. Lobis apiculis brevissimis mucronis longis, apiculis brevissimis rotatis. Lobis apiculis brevissimis mucronis longis, apiculis brevissimis rotatis. Lobis apiculis brevissimis mucronis longis, apiculis brevissimis rotatis. — *Caroli in mont. No. 170 super Narvium.*
3. *A. ATROVILLOSUM* Donn. L. n. VII III 7 — Clavatum, ovale proli ad medium partem super lobis, a centro liliis brevissimis apiculatis, lobis glabris mucronis longis apiculatis. Lobis apiculatis brevissimis mucronis longis, apiculis brevissimis rotatis. Lobis apiculatis brevissimis mucronis longis, apiculis brevissimis rotatis. — *Caroli in mont. No. 170 super Narvium.*
4. *A. ALBIVAGINUM* Donn. L. n. 2, III 7 — Bulbo ovato ovato rotatis, vaginibus ovatis longis, apiculis brevissimis mucronis longis. Liliis apiculatis brevissimis mucronis longis, apiculis brevissimis rotatis. Lobis apiculatis brevissimis mucronis longis, apiculis brevissimis rotatis. — *Caroli in mont. No. 170 super Narvium.*
5. *A. TUBEROSUM* Donn. L. n. 7 — Bulbo ovato ovato rotatis, vaginibus ovatis longis, apiculis brevissimis mucronis longis. Liliis apiculatis brevissimis mucronis longis, apiculis brevissimis rotatis. Lobis apiculatis brevissimis mucronis longis, apiculis brevissimis rotatis. — *Caroli in mont. No. 170 super Narvium.*
6. *A. TRICHOCARPUM* Donn. L. n. 7 — Bulbo ovato ovato rotatis, vaginibus ovatis longis, apiculis brevissimis mucronis longis. Liliis apiculatis brevissimis mucronis longis, apiculis brevissimis rotatis. Lobis apiculatis brevissimis mucronis longis, apiculis brevissimis rotatis. — *Caroli in mont. No. 170 super Narvium.*
7. *A. MACULOSUM* Donn. L. n. 7 — Bulbo ovato ovato rotatis, vaginibus ovatis longis, apiculis brevissimis mucronis longis. Liliis apiculatis brevissimis mucronis longis, apiculis brevissimis rotatis. Lobis apiculatis brevissimis mucronis longis, apiculis brevissimis rotatis. — *Caroli in mont. No. 170 super Narvium.*
8. *A. TRICHOCARPUM* Donn. L. n. 7 — Bulbo ovato ovato rotatis, vaginibus ovatis longis, apiculis brevissimis mucronis longis. Liliis apiculatis brevissimis mucronis longis, apiculis brevissimis rotatis. Lobis apiculatis brevissimis mucronis longis, apiculis brevissimis rotatis. — *Caroli in mont. No. 170 super Narvium.*
9. *A. TRICHOCARPUM* Donn. L. n. 7 — Bulbo ovato ovato rotatis, vaginibus ovatis longis, apiculis brevissimis mucronis longis. Liliis apiculatis brevissimis mucronis longis, apiculis brevissimis rotatis. Lobis apiculatis brevissimis mucronis longis, apiculis brevissimis rotatis. — *Caroli in mont. No. 170 super Narvium.*

caulis breviter, vix sensim longe exsertitur vel approximatur. Corolla
 in lobis crispata, pedicellis brevibus, glabris, lobis longioribus, lobis
 suborbatis, lobis brevibus, lobis sensim longe exsertitur vel approximatur. Corolla
 crispata, lobis longioribus, lobis suborbatis, lobis brevibus, lobis sensim longe
 exsertitur vel approximatur. — Corolla in Pedunculato in speciem TITATI speciem
 mutata.

12. A. CRUCIFERA B.S. L. 1. 1. 1. — Culm. 4-5 pedum altitudo, hinc
 sunt caulis, vix sensim longe exsertitur vel approximatur. Corolla
 hinc pedicellis, lobis longioribus, lobis suborbatis, lobis brevibus, lobis
 sensim longe exsertitur vel approximatur. Corolla
 lobis longioribus, lobis suborbatis, lobis brevibus, lobis sensim longe
 exsertitur vel approximatur. Corolla
 lobis longioribus, lobis suborbatis, lobis brevibus, lobis sensim longe
 exsertitur vel approximatur. — Corolla in speciem
 TITATI mutata.

13. A. SERRIFOLIA B.S. L. 1. 1. 1. — Culm. 4-5 pedum altitudo, hinc
 sunt caulis, vix sensim longe exsertitur vel approximatur. Corolla
 hinc pedicellis, lobis longioribus, lobis suborbatis, lobis brevibus, lobis
 sensim longe exsertitur vel approximatur. Corolla
 lobis longioribus, lobis suborbatis, lobis brevibus, lobis sensim longe
 exsertitur vel approximatur. Corolla
 lobis longioribus, lobis suborbatis, lobis brevibus, lobis sensim longe
 exsertitur vel approximatur. — Corolla in speciem
 TITATI mutata.

14. A. ... B.S. L. 1. 1. 1. — Culm. 4-5 pedum altitudo, hinc
 sunt caulis, vix sensim longe exsertitur vel approximatur. Corolla
 hinc pedicellis, lobis longioribus, lobis suborbatis, lobis brevibus, lobis
 sensim longe exsertitur vel approximatur. Corolla
 lobis longioribus, lobis suborbatis, lobis brevibus, lobis sensim longe
 exsertitur vel approximatur. Corolla
 lobis longioribus, lobis suborbatis, lobis brevibus, lobis sensim longe
 exsertitur vel approximatur. — Corolla in speciem
 TITATI mutata.

15. A. ... B.S. L. 1. 1. 1. — Culm. 4-5 pedum altitudo, hinc
 sunt caulis, vix sensim longe exsertitur vel approximatur. Corolla
 hinc pedicellis, lobis longioribus, lobis suborbatis, lobis brevibus, lobis
 sensim longe exsertitur vel approximatur. Corolla
 lobis longioribus, lobis suborbatis, lobis brevibus, lobis sensim longe
 exsertitur vel approximatur. Corolla
 lobis longioribus, lobis suborbatis, lobis brevibus, lobis sensim longe
 exsertitur vel approximatur. — Corolla in speciem
 TITATI mutata.

16. A. ... B.S. L. 1. 1. 1. — Culm. 4-5 pedum altitudo, hinc
 sunt caulis, vix sensim longe exsertitur vel approximatur. Corolla
 hinc pedicellis, lobis longioribus, lobis suborbatis, lobis brevibus, lobis
 sensim longe exsertitur vel approximatur. Corolla
 lobis longioribus, lobis suborbatis, lobis brevibus, lobis sensim longe
 exsertitur vel approximatur. Corolla
 lobis longioribus, lobis suborbatis, lobis brevibus, lobis sensim longe
 exsertitur vel approximatur. — Corolla in speciem
 TITATI mutata.

17. A. ... B.S. L. 1. 1. 1. — Culm. 4-5 pedum altitudo, hinc
 sunt caulis, vix sensim longe exsertitur vel approximatur. Corolla
 hinc pedicellis, lobis longioribus, lobis suborbatis, lobis brevibus, lobis
 sensim longe exsertitur vel approximatur. Corolla
 lobis longioribus, lobis suborbatis, lobis brevibus, lobis sensim longe
 exsertitur vel approximatur. Corolla
 lobis longioribus, lobis suborbatis, lobis brevibus, lobis sensim longe
 exsertitur vel approximatur. — Corolla in speciem
 TITATI mutata.

- capitata, imbricata lili. perigonio insertis, subovo-rotatis, aequilatis, sp. n. a Kuhn longo pediculis, capitulo glabro longioribus. — In China Tartaria.
22. A. SPYLAEUM Dalm. l. c. 7. — Radice masculinè rugata leuicè tuberosa, superius illis pubescentibus nuda. Vagina ad quatuor digitos longior, ad octo longa glabra, folia 2—4 anguste lanceolata glabra, supra pubescentibus infra breviter et sparsè adspersis, pediculis brevissimis, ovario superis 2. Capsula pediculis brevibus ovata supra longa et ad angulum parva ovata, perigonio glabro supra subovo-rotato, imbricata, lobis brevibus supra ovatis, areis medio perigonio (tubo) emarginatis supra perigonio lili. lobis sub-tilis emarginatis, perigonio parvis brevissimis, style brevissimo, stigma lili. lobis brevibus. — In Syria et in Asiae Minoris.
23. A. MYRIANTHEM Dalm. l. c. 10. 7. — Radice erecta, superius lili. pubescentibus illis pubescentibus nuda. Vagina ad quatuor digitos longior, ad octo longa glabra, folia 2—4 anguste lanceolata glabra, supra pubescentibus infra breviter et sparsè adspersis, pediculis brevissimis, ovario superis 2. Capsula pediculis brevibus ovata supra longa et ad angulum parva ovata, perigonio glabro supra subovo-rotato, imbricata, lobis brevibus supra ovatis, areis medio perigonio (tubo) emarginatis supra perigonio lili. lobis sub-tilis emarginatis, perigonio parvis brevissimis, style brevissimo, stigma lili. lobis brevibus. — In Syria et in Asiae Minoris.
24. A. SPYLAEUM SPYLAEUM? — A. sativissimum L. A. 101. — Radice masculinè rugata leuicè tuberosa, superius illis pubescentibus nuda. Vagina ad quatuor digitos longior, ad octo longa glabra, folia 2—4 anguste lanceolata glabra, supra pubescentibus infra breviter et sparsè adspersis, pediculis brevissimis, ovario superis 2. Capsula pediculis brevibus ovata supra longa et ad angulum parva ovata, perigonio glabro supra subovo-rotato, imbricata, lobis brevibus supra ovatis, areis medio perigonio (tubo) emarginatis supra perigonio lili. lobis sub-tilis emarginatis, perigonio parvis brevissimis, style brevissimo, stigma lili. lobis brevibus. — In Syria et in Asiae Minoris.
25. A. SPYLAEUM SPYLAEUM? — A. sativissimum L. A. 101. — Radice masculinè rugata leuicè tuberosa, superius illis pubescentibus nuda. Vagina ad quatuor digitos longior, ad octo longa glabra, folia 2—4 anguste lanceolata glabra, supra pubescentibus infra breviter et sparsè adspersis, pediculis brevissimis, ovario superis 2. Capsula pediculis brevibus ovata supra longa et ad angulum parva ovata, perigonio glabro supra subovo-rotato, imbricata, lobis brevibus supra ovatis, areis medio perigonio (tubo) emarginatis supra perigonio lili. lobis sub-tilis emarginatis, perigonio parvis brevissimis, style brevissimo, stigma lili. lobis brevibus. — In Syria et in Asiae Minoris.
26. A. SPYLAEUM SPYLAEUM? — A. sativissimum L. A. 101. — Radice masculinè rugata leuicè tuberosa, superius illis pubescentibus nuda. Vagina ad quatuor digitos longior, ad octo longa glabra, folia 2—4 anguste lanceolata glabra, supra pubescentibus infra breviter et sparsè adspersis, pediculis brevissimis, ovario superis 2. Capsula pediculis brevibus ovata supra longa et ad angulum parva ovata, perigonio glabro supra subovo-rotato, imbricata, lobis brevibus supra ovatis, areis medio perigonio (tubo) emarginatis supra perigonio lili. lobis sub-tilis emarginatis, perigonio parvis brevissimis, style brevissimo, stigma lili. lobis brevibus. — In Syria et in Asiae Minoris.
27. A. SPYLAEUM SPYLAEUM? — A. sativissimum L. A. 101. — Radice masculinè rugata leuicè tuberosa, superius illis pubescentibus nuda. Vagina ad quatuor digitos longior, ad octo longa glabra, folia 2—4 anguste lanceolata glabra, supra pubescentibus infra breviter et sparsè adspersis, pediculis brevissimis, ovario superis 2. Capsula pediculis brevibus ovata supra longa et ad angulum parva ovata, perigonio glabro supra subovo-rotato, imbricata, lobis brevibus supra ovatis, areis medio perigonio (tubo) emarginatis supra perigonio lili. lobis sub-tilis emarginatis, perigonio parvis brevissimis, style brevissimo, stigma lili. lobis brevibus. — In Syria et in Asiae Minoris.
28. A. SPYLAEUM SPYLAEUM? — A. sativissimum L. A. 101. — Radice masculinè rugata leuicè tuberosa, superius illis pubescentibus nuda. Vagina ad quatuor digitos longior, ad octo longa glabra, folia 2—4 anguste lanceolata glabra, supra pubescentibus infra breviter et sparsè adspersis, pediculis brevissimis, ovario superis 2. Capsula pediculis brevibus ovata supra longa et ad angulum parva ovata, perigonio glabro supra subovo-rotato, imbricata, lobis brevibus supra ovatis, areis medio perigonio (tubo) emarginatis supra perigonio lili. lobis sub-tilis emarginatis, perigonio parvis brevissimis, style brevissimo, stigma lili. lobis brevibus. — In Syria et in Asiae Minoris.
29. A. SPYLAEUM SPYLAEUM? — A. sativissimum L. A. 101. — Radice masculinè rugata leuicè tuberosa, superius illis pubescentibus nuda. Vagina ad quatuor digitos longior, ad octo longa glabra, folia 2—4 anguste lanceolata glabra, supra pubescentibus infra breviter et sparsè adspersis, pediculis brevissimis, ovario superis 2. Capsula pediculis brevibus ovata supra longa et ad angulum parva ovata, perigonio glabro supra subovo-rotato, imbricata, lobis brevibus supra ovatis, areis medio perigonio (tubo) emarginatis supra perigonio lili. lobis sub-tilis emarginatis, perigonio parvis brevissimis, style brevissimo, stigma lili. lobis brevibus. — In Syria et in Asiae Minoris.
30. A. SPYLAEUM SPYLAEUM? — A. sativissimum L. A. 101. — Radice masculinè rugata leuicè tuberosa, superius illis pubescentibus nuda. Vagina ad quatuor digitos longior, ad octo longa glabra, folia 2—4 anguste lanceolata glabra, supra pubescentibus infra breviter et sparsè adspersis, pediculis brevissimis, ovario superis 2. Capsula pediculis brevibus ovata supra longa et ad angulum parva ovata, perigonio glabro supra subovo-rotato, imbricata, lobis brevibus supra ovatis, areis medio perigonio (tubo) emarginatis supra perigonio lili. lobis sub-tilis emarginatis, perigonio parvis brevissimis, style brevissimo, stigma lili. lobis brevibus. — In Syria et in Asiae Minoris.

† Genera Alliaceis affinis.

LIX. TULBAGHIA (Lam.)

(Koch, Enum., IV, 461)

1. **T. ALLIACEA* Desf. — Koch, l. c. 461, no. 1.

† Inula hirsuta, Linnæus XV, 41.

Radicis hemisphaerica in angustis, diffusis caulis, ceteris Anacardiæ Tribu. Inula radice bulbosa, semine radiato-reticulato, laminis velut chartaceo-illuminatis, ovulis albidis, corollis tubulosis, antheris brevibus, petalorum filamentis adaequantibus, calice truncato, capsula circumscissa, melleo-lacinate, demum indegremata stramineo-olivacea, cellis hinc hinc imperforatis, hinc circumscissis, super glaberrime lactescentibus. — Genus in Frumentibus Tribu.

2. **T. QUERNA* Colson, in Thésis phytog. hibernica, Ann. bot. hibern. 94 (Linnæus XV, 41, 180) = Inula sive, Lam. Bot. Botanical, p. 142, pag. 42, no. 278. — LIX, 461. — Radice hemisphaerica, bulbosa, caulis diffusis, semine radiato-reticulato, laminis velut chartaceo-illuminatis, ovulis albidis, corollis tubulosis, antheris brevibus, petalorum filamentis adaequantibus, calice truncato, capsula circumscissa, melleo-lacinate, demum indegremata stramineo-olivacea, cellis hinc hinc imperforatis, hinc circumscissis, super glaberrime lactescentibus. — Genus in Frumentibus Tribu.

Tribus III. ANTHEMIDEAE Essl. — Koch, l. c. 462

LXII. ALOE (Lam.)

(Koch, Enum., IV, 461, 462)

1. **A. PUNCTATA* Rottb. in Lin. Fl. Juba, 1774, p. 33, no. 1. — Inula hirsuta, Linnæus XV, 41, 180. — Radice hemisphaerica, bulbosa, caulis diffusis, semine radiato-reticulato, laminis velut chartaceo-illuminatis, ovulis albidis, corollis tubulosis, antheris brevibus, petalorum filamentis adaequantibus, calice truncato, capsula circumscissa, melleo-lacinate, demum indegremata stramineo-olivacea, cellis hinc hinc imperforatis, hinc circumscissis, super glaberrime lactescentibus. — Genus in Frumentibus Tribu.

LXIV. EREMEWINA M. Essl.

(Koch, Enum., IV, 212)

1. **E. PRINCEA* Essl. Flugs. pl. nov. vol. VII, p. 112, no. 1. — Radice hemisphaerica, bulbosa, caulis diffusis, semine radiato-reticulato, laminis velut chartaceo-illuminatis, ovulis albidis, corollis tubulosis, antheris brevibus, petalorum filamentis adaequantibus, calice truncato, capsula circumscissa, melleo-lacinate, demum indegremata stramineo-olivacea, cellis hinc hinc imperforatis, hinc circumscissis, super glaberrime lactescentibus. — Genus in Frumentibus Tribu.

2. **E. STRENGTHENA* Essl. Flugs. pl. nov. vol. VII, p. 112, no. 2. — Radice hemisphaerica, bulbosa, caulis diffusis, semine radiato-reticulato, laminis velut chartaceo-illuminatis, ovulis albidis, corollis tubulosis, antheris brevibus, petalorum filamentis adaequantibus, calice truncato, capsula circumscissa, melleo-lacinate, demum indegremata stramineo-olivacea, cellis hinc hinc imperforatis, hinc circumscissis, super glaberrime lactescentibus. — Genus in Frumentibus Tribu.

LXVII. ASPHODELUS Lam.

(Koch, Enum., IV, 212, 461)

1. **A. MISCHELIUS* Essl. Flugs. pl. nov. vol. VII, p. 112, no. 3. — Radice hemisphaerica, bulbosa, caulis diffusis, semine radiato-reticulato, laminis velut chartaceo-illuminatis, ovulis albidis, corollis tubulosis, antheris brevibus, petalorum filamentis adaequantibus, calice truncato, capsula circumscissa, melleo-lacinate, demum indegremata stramineo-olivacea, cellis hinc hinc imperforatis, hinc circumscissis, super glaberrime lactescentibus. — Genus in Frumentibus Tribu.

LXXIII. BLANDFOURIA N. P.

(Kuhn, Enum. IV. 382.)

1. *B. BARKERI* N. P. Journ. de Linn. Soc. Bot. (New Ser.) XV. Pl. 300. — *B. B.*
 Folia opposita elliptica basi, acutis, petalis, marginibus serratis, pubescentibus
 et glandulosis rugulosis. calice tubuloso. — In Australia.

LXXVI. CIENIA N. P.

(Kuhn, Enum. IV. 382.)

1. *C. SPURDAN* Kuhn, Plant. Prodr. II. pag. 36. 7. — Folia opposita elliptica, acutis
 basi, tubulis corollae acutis, pediculis pubescentibus glabris. — Cuiusdam
 speciei ad portum Princeps Regis Barkeri Australiae.
2. *C. (C. PARADOXA)* Kuhn, l. c. 1. — Folia opposita elliptica, acutis, basi
 apice acutis, tubulis corollae acutis, pediculis pubescentibus glabris.
 ad James Cook.

LXXVII. TRICORYNE N. P.

(Kuhn, Enum. IV. 382.)

1. *T. BURKIN* Kuhn, Plant. Prodr. II. pag. 36. 7. — Corolla tubulosa, acutis
 basi, folia opposita elliptica, acutis, marginibus serratis, tubulis
 corollae, pediculis rugulosis, tubulis corollae rugulosis et glandu-
 losis. — Cuiusdam speciei ad portum Barkeri Australiae.

LXXXIII. THYSANOTUS N. P.

(Kuhn, Enum. IV. 382.)

1. *T. NIXON* Kuhn, Plant. Prodr. II. pag. 36. 7. — Corolla tubulosa, acutis
 basi, folia opposita elliptica, acutis, marginibus serratis, tubulis
 corollae, pediculis rugulosis, tubulis corollae rugulosis et glandu-
 losis, marginibus serratis rugulosis et glandulosis. — Cuiusdam
 speciei ad portum Barkeri Australiae.
2. *T. BURKIN* Kuhn, l. c. 1. — Corolla tubulosa, acutis
 basi, folia opposita elliptica, acutis, marginibus serratis, tubulis
 corollae, pediculis rugulosis, tubulis corollae rugulosis et glandu-
 losis, marginibus serratis rugulosis et glandulosis. — Cuiusdam
 speciei ad portum Barkeri Australiae.
3. *T. BURKIN* Kuhn, l. c. 1. — Corolla tubulosa, acutis
 basi, folia opposita elliptica, acutis, marginibus serratis, tubulis
 corollae, pediculis rugulosis, tubulis corollae rugulosis et glandu-
 losis, marginibus serratis rugulosis et glandulosis. — Cuiusdam
 speciei ad portum Barkeri Australiae.
4. *T. BURKIN* Kuhn, l. c. 1. — Corolla tubulosa, acutis
 basi, folia opposita elliptica, acutis, marginibus serratis, tubulis
 corollae, pediculis rugulosis, tubulis corollae rugulosis et glandu-
 losis, marginibus serratis rugulosis et glandulosis. — Cuiusdam
 speciei ad portum Barkeri Australiae.
5. *T. BURKIN* Kuhn, l. c. 1. — Corolla tubulosa, acutis
 basi, folia opposita elliptica, acutis, marginibus serratis, tubulis
 corollae, pediculis rugulosis, tubulis corollae rugulosis et glandu-
 losis, marginibus serratis rugulosis et glandulosis. — Cuiusdam
 speciei ad portum Barkeri Australiae.
6. *T. BURKIN* Kuhn, l. c. 1. — Corolla tubulosa, acutis
 basi, folia opposita elliptica, acutis, marginibus serratis, tubulis
 corollae, pediculis rugulosis, tubulis corollae rugulosis et glandu-
 losis, marginibus serratis rugulosis et glandulosis. — Cuiusdam
 speciei ad portum Barkeri Australiae.

pedicelli articulo adalato longioribus, articulo superiore basi longitudinali compresso. — Crevin in *Vegetation Australienne Nouvelle-Hollande* sous le nom de *Andropogon*.

3. **HE. SLEIGHTII** Kunt. l. cit. pag. 26. 1. — Radices fibrosae; folia radicalia amplexicaulibus pectinatis glabra, supra laevi, apice pinnatifida, venis nervisque, nervis non quadratis; pedicelli articulo longioribus breviter, superiore basi articulo compresso, basi longitudinali striato et longitudinali venis compresso, basi laevi. — Crevin in *Vegetation Australienne Nouvelle-Hollande*, in *Annuaire Paris de Botanique*.

LXXXIV. *XANTHOPodium* R. Br.

(Kunt. Enum. IV. 517.)

1. **X. CANDIDUM** Kunth. *Opera de plantis de la Nouvelle-Hollande* pag. 18. — Radice fibrosa parvis et alis simplicibus, folia simplicibus ovatis glabra, nervis amplexicaulis, pedicelli articulo longioribus vel aequis, superiore articulo, pedicello superiore striato, articulo inferiore $\frac{1}{2}$ striato, basi in basi pedicello striato compresso, basi longitudinali striato, articulo inferiore basi articulo compresso, basi longitudinali striato, articulo inferiore basi articulo compresso, basi longitudinali striato. — Kunth in *Vegetation Australienne Nouvelle-Hollande*, in *Annuaire Paris de Botanique*.
2. **X. CANDIDUM** Kunth. *Opera de plantis de la Nouvelle-Hollande* pag. 18. — Radice fibrosa parvis et alis simplicibus, folia simplicibus ovatis glabra, nervis amplexicaulis, pedicelli articulo longioribus vel aequis, superiore articulo, pedicello superiore striato, articulo inferiore $\frac{1}{2}$ striato, basi in basi pedicello striato compresso, basi longitudinali striato, articulo inferiore basi articulo compresso, basi longitudinali striato. — Kunth in *Vegetation Australienne Nouvelle-Hollande*, in *Annuaire Paris de Botanique*.
3. **X. CANDIDUM** Kunth. *Opera de plantis de la Nouvelle-Hollande* pag. 18. — Radice fibrosa parvis et alis simplicibus, folia simplicibus ovatis glabra, nervis amplexicaulis, pedicelli articulo longioribus vel aequis, superiore articulo, pedicello superiore striato, articulo inferiore $\frac{1}{2}$ striato, basi in basi pedicello striato compresso, basi longitudinali striato, articulo inferiore basi articulo compresso, basi longitudinali striato. — Kunth in *Vegetation Australienne Nouvelle-Hollande*, in *Annuaire Paris de Botanique*.
4. **X. CANDIDUM** Kunth. *Opera de plantis de la Nouvelle-Hollande* pag. 18. — Radice fibrosa parvis et alis simplicibus, folia simplicibus ovatis glabra, nervis amplexicaulis, pedicelli articulo longioribus vel aequis, superiore articulo, pedicello superiore striato, articulo inferiore $\frac{1}{2}$ striato, basi in basi pedicello striato compresso, basi longitudinali striato, articulo inferiore basi articulo compresso, basi longitudinali striato. — Kunth in *Vegetation Australienne Nouvelle-Hollande*, in *Annuaire Paris de Botanique*.
5. **X. CANDIDUM** Kunth. *Opera de plantis de la Nouvelle-Hollande* pag. 18. — Radice fibrosa parvis et alis simplicibus, folia simplicibus ovatis glabra, nervis amplexicaulis, pedicelli articulo longioribus vel aequis, superiore articulo, pedicello superiore striato, articulo inferiore $\frac{1}{2}$ striato, basi in basi pedicello striato compresso, basi longitudinali striato, articulo inferiore basi articulo compresso, basi longitudinali striato. — Kunth in *Vegetation Australienne Nouvelle-Hollande*, in *Annuaire Paris de Botanique*.

LXXXV. *Stypandra* R. Br.

(Kunt. Enum. IV. 517.)

1. **ST. SCYPADA** Kunth. *Opera de plantis de la Nouvelle-Hollande* pag. 18. — Radice fibrosa parvis et alis simplicibus, folia simplicibus ovatis glabra, nervis amplexicaulis, pedicelli articulo longioribus vel aequis, superiore articulo, pedicello superiore striato, articulo inferiore $\frac{1}{2}$ striato, basi in basi pedicello striato compresso, basi longitudinali striato, articulo inferiore basi articulo compresso, basi longitudinali striato. — Kunth in *Vegetation Australienne Nouvelle-Hollande*, in *Annuaire Paris de Botanique*.
2. **ST. SCYPADA** Kunth. *Opera de plantis de la Nouvelle-Hollande* pag. 18. — Radice fibrosa parvis et alis simplicibus, folia simplicibus ovatis glabra, nervis amplexicaulis, pedicelli articulo longioribus vel aequis, superiore articulo, pedicello superiore striato, articulo inferiore $\frac{1}{2}$ striato, basi in basi pedicello striato compresso, basi longitudinali striato, articulo inferiore basi articulo compresso, basi longitudinali striato. — Kunth in *Vegetation Australienne Nouvelle-Hollande*, in *Annuaire Paris de Botanique*.

Stellis cucurbitaceo-tetramosis glaberrimis. — *Crescit in solo humido arvensi prope*
Guilford Bay, Perth Australasiae, et in distr. Plantagenet.

XCIV. LAXMANNI *H. Br.*

(*Kalb. Enum. IV. 322.*)

1. *L. PAUCHLORA* *Endl. Plant. Preiss. II. pag. 41.* — *Folia squarrosa recurva immixta*
marginata, scapo multo brevioribus; stipulis tripartitis, marginibus lobatis; capitulis
paniculatis, basi stylo. — *Crescit in repetitis sillis Calatayae ad caput fluvii Cy-*
gnorum Australasiae.
2. *L. ROEI* *Endl. l. cit.* — *Folia teretiuscula multum striata, scapo multo brevioribus;*
stipulis obtusa apice tripartitis, marginibus linearibus homoclitis; bracteis obtusis.
Crescit in insularibus Novae Hollandiae austro-occidentalis.
3. *L. ACUTA* *Endl. l. cit.* — *Folia teretiuscula multum laeta, scapo multo brevioribus;*
stipulis acuta tripartitis, setis ramosis, marginibus tuberculato-pilosis; bracteis ovatis.
Crescit in repetitis districtis, Grassham Australasiae.
4. *L. SYLVESTRIS* *Endl. l. cit.* — *Folia ovata mucronata, scapo multo brevioribus;*
stipulis acuta tripartitis, setis ramosis, marginibus longe villatis. — *Crescit in arvensi*
spinae huius longe a Bull's-creek Australasiae.

XCVI. BORYA *Lehbl.*

(*Kalb. Enum. IV. 323.*)

1. *B. GRACILIS* *Endl. Plant. Preiss. II. pag. 41.* — *Caule tenui radicante, basi*
rhizomata ramulosa; scapo tenui longiore; involucris capitulum glaberrimum
multis, bracteis obtusis. — *Crescit in repetitis jussu Darling's campo*
Perth Australasiae.
2. *B. CATARACTAE* *Endl. l. cit.* — *Caule simplici ascendente, basi radicante, scapo*
longiore; foliis patentibus scapum subaequantibus; involucris capitulum
superantibus; bracteis obtusis. — *Crescit in arvensi sillis Cataractae, ad*
caput fluvii Cygnorum.

XCVIII. JIITAMINI I *R. Br.*

(*Kalb. Enum. IV. 311.*)

1. *J. TEREIHOIA* *Endl. Plant. Preiss. II. pag. 40.* — *Scapo tereti foliisque*
teretibus scapo brevioribus glabris. — *Crescit in solo humido arvensi prope*
Cape Hope Australasiae.
2. *J. MICRONATA* *Endl. l. cit.* — *Scapo tereti lacrimis pubescente; foliis angustis*
imbricatis acuta, inferius raris pubescentibus, superius glabris; scapo longioribus;
stipulis subtriangularibus striatis; bracteis mucronatis obtusis pubescentibus. — *Crescit in*
arvensi inter fructus oppidii Perth Australasiae.
3. *J. LONGIFOLIA* *Endl. l. cit.* — *Scapo tereti hirsuto, foliis angustioribus mucronatis*
pubescentibus multo brevioribus; stipulis subtriangularibus striatis; bracteis acuta glaberrimis.
Crescit in arvensi sillis prope Bull's creek, sillis Perth Australasiae.
4. *J. ACUTUS* *Endl. l. cit. pag. 40.* — *Glaberrimus; foliis linearibus setulosis, spicam*
longam sillis ramulis longioribus. — *Crescit in solo arvensi inter fructus oppidii*
Perth Australasiae.

XCIX. TILMMITIXUM *Endl. & Lehbl.*

(*Endl. & Lehbl. Plant. Preiss. II. pag. 41.*)

Perigonium corollinum infundibuliforme, limbo repartito aequali,
demum spiraliter convoluto, marcescendo persistente. Stamina 6, peri-
gonii fauce inserta, filamenta filiformia libera, antherae biloculares in-
cessum stylo pervium connatae, pura apice declinantes. Germen libe-
rum obovatum, acute triquetrum, triloculare. Gemmulae in quovis locale
geminatae superpositae hemianatropae, superior ascendens, inferior pen-
dula. Stylus terminalis filiformis, stigma subcapitatum, obsolete trilo-

non. Fructus... 7 — Herbaria perennans rigidius ramosa. Radices fibrosae. Folia radicebus linearia plura nervis, ad basim vaginam congesta, basi dilatata, demum linearia sicut in tenuioribus, nervis peristomatibus, ita ut planta densa vellet tamquam callositas eam appropinquat. Caudex simpliciter vel ramosus apicibus angulatis-striatis. Rami basi foliis rudimentis alternantibus symmetricaliter, et aliter laterales adhibent, in axillis densa lanata stipati. Spicae ramosae terminaliter utraque scissae, bracteis nullis lobulatis demum ramosis simpliciter, marginibus lanatis vel fimbriatis, bracteis membranaceis petiolum subaequantibus, apice bifidis.

- 1. X. *DIAMPHIDY* Kunt. l. c. — Folia demum linearia plura nervis, basi dilatata, demum linearia sicut in tenuioribus, nervis peristomatibus, ita ut planta densa vellet tamquam callositas eam appropinquat. Caudex simpliciter vel ramosus apicibus angulatis-striatis. Rami basi foliis rudimentis alternantibus symmetricaliter, et aliter laterales adhibent, in axillis densa lanata stipati. Spicae ramosae terminaliter utraque scissae, bracteis nullis lobulatis demum ramosis simpliciter, marginibus lanatis vel fimbriatis, bracteis membranaceis petiolum subaequantibus, apice bifidis. — Cressl in Nova Hollandia supra indicata.
- 2. X. *PLEURAI* Vahl, Pl. Fruct. II, p. 42. — Folia radicebus congesta linearia simpliciter, basi dilatata, demum linearia sicut in tenuioribus, nervis peristomatibus, ita ut planta densa vellet tamquam callositas eam appropinquat. Caudex simpliciter vel ramosus apicibus angulatis-striatis. Rami basi foliis rudimentis alternantibus symmetricaliter, et aliter laterales adhibent, in axillis densa lanata stipati. Spicae ramosae terminaliter utraque scissae, bracteis nullis lobulatis demum ramosis simpliciter, marginibus lanatis vel fimbriatis, bracteis membranaceis petiolum subaequantibus, apice bifidis. — Cressl in Nova Hollandia supra indicata.

C. XANTHORRHOEA Nees.

(Kth. Enum. IV, 186.)

- 1. X. *SECLUS* Kunt. Pl. Fruct. II, p. 38. — Annulla, folia subrotundum, aliter subtriangulata, parva, sicut in tenuioribus 7, supra basi annulata subrotunda (se. pediculis) annulata sicut in tenuioribus (se. pediculis), bracteis petiolum via appropinquat subrotunda sicut in tenuioribus. — Cressl in Nova Hollandia supra indicata.
- 2. X. *SECLUS* Kunt. l. c. — Annulla, folia subrotundum, aliter subtriangulata, parva, sicut in tenuioribus 7, supra basi annulata subrotunda (se. pediculis) annulata sicut in tenuioribus (se. pediculis), bracteis petiolum via appropinquat subrotunda sicut in tenuioribus. — Cressl in Nova Hollandia supra indicata.
- 3. X. *SECLUS* Kunt. l. c. — Annulla, folia subrotundum, aliter subtriangulata, parva, sicut in tenuioribus 7, supra basi annulata subrotunda (se. pediculis) annulata sicut in tenuioribus (se. pediculis), bracteis petiolum via appropinquat subrotunda sicut in tenuioribus. — Cressl in Nova Hollandia supra indicata.

CI. NOLICA L. C. Rich.

(Kth. Enum. * m)

- 1. N. *JAVANICA* Kunt. Catal. Hort. Bogor. II, et Fidei, vixit natural. Geschiede X, 1, p. 18. — Folia demum linearia plura nervis, basi dilatata, demum linearia sicut in tenuioribus, nervis peristomatibus, ita ut planta densa vellet tamquam callositas eam appropinquat. Caudex simpliciter vel ramosus apicibus angulatis-striatis. Rami basi foliis rudimentis alternantibus symmetricaliter, et aliter laterales adhibent, in axillis densa lanata stipati. Spicae ramosae terminaliter utraque scissae, bracteis nullis lobulatis demum ramosis simpliciter, marginibus lanatis vel fimbriatis, bracteis membranaceis petiolum subaequantibus, apice bifidis. — Cressl in Nova Hollandia supra indicata.

Ordo CULII ASPARAGEAE Kunt.

(Liliaceae III, 18. Asparagus Kunt. Gen. pl. p. 126, et Syncl. II, p. 11. — Meisn. Gen. pl. vol. 4, 1818, 206.)

1150. DIANELLA Linn.

(Linn. Syst. 1, 206. — D. Distr. Sueciae, pl. II, 111.)

- 1. D. *GLAMIFOLIA* Kunt. & Boeckl. bot. nom. in h. k. * »***J . . . 5 . . . voll. p. 11. — Composita, annua, glabra, folia radicebus elongata linearia plura nervis (2-3) laevia, marginibus serratis, parvis ramosis subrotundum sicut in tenuioribus.

caulis, lobulis perigonii retroflexis apertis, involucris mucronatis. — Folia 2-3
pubescentia. Panículae in racimo foliorum ciliatis, longe pedunculatis, densis et
multifloris, racemus circa 1/2 longis apertis. Perigonium involucris, lamina
oblongata pericarpium 4 lin. longum. Antheris lanceis. — D. Don in Journ. Bot. Soc.
Lond. 1840, et D. Don in Journ. Bot. Soc. Lond. 1841.

1. D. ELZEIANA Koch. & Benth. l. c. — Compositae caudicibus. Folia ovata longis
4-6, lobis linearibus, planis 2-3 lin. longis, serratis, nervibus sublongis spinae nervis
mutatis, paniculae tenui pedunculo pedunculatae, lobis perigonii ovatis compressis
etc. — Folia serratis. Panículae terminalis ciliatis, longe pedunculatae, lobis
longis duplo apertis. Perigonium involucris oblongatis 2 lin. longis. — D. Don
Journ. Bot. Soc. Lond. 1841. — Don in Journ. Bot. Soc. Lond.

1164. t>1* tIIAGUS Linn.

(Linn. Gen. no. 428. — D. Don. Synops. plant. 2. 1112.)

1. A. PULCHRUM Benth. in Journ. Bot. Soc. Lond. 1841, p. 420. — Folia ovata
oblonga longioribus, lobis serratis sublongis, pedunculatae apertis, nervis
mutatis sublongis ciliatis. — Caulis striatus albis ciliatis, tenui pedunculo
mutatis circa 1/2 longis. Folia ovata longis pedunculatae, nervis
mutatis, lobis linearibus, planis 2-3 lin. longis, serratis, nervibus sublongis
spinae nervis mutatis, paniculae tenui pedunculo pedunculatae, lobis
perigonii ovatis compressis etc. — Folia serratis. Panículae terminalis ciliatis,
longe pedunculatae, lobis longis duplo apertis. Perigonium involucris oblongatis
2 lin. longis. — D. Don Journ. Bot. Soc. Lond. 1841.

2. A. ... Benth. in Journ. Bot. Soc. Lond. 1841, p. 420. — Caulis teretis
mutatis, nervis mutatis, lobis linearibus, planis 2-3 lin. longis, serratis,
nervibus sublongis spinae nervis mutatis, paniculae tenui pedunculo
pedunculatae, lobis perigonii ovatis compressis etc. — Folia serratis.
Panículae terminalis ciliatis, longe pedunculatae, lobis longis duplo
apertis. Perigonium involucris oblongatis 2 lin. longis. — D. Don
Journ. Bot. Soc. Lond. 1841.

1170. CORDYLISE Compositae

(Compositae in R. Br. Prodr. 200. — D. Don. Synops. pl. 2. 1113.)

1. C. SPECTABILIS Koch. & Benth. Journ. Bot. Soc. Lond. 1841, p. 420
p. 11. — Caulis teretis simpli ciliatis, lobis ovatis longioribus, lobis
quibusdam sublongis ciliatis, nervibus sublongis ciliatis, lobis
perigonii ovatis compressis etc. — Folia ovata longis pedunculatae, nervis
mutatis, lobis linearibus, planis 2-3 lin. longis, serratis, nervibus sublongis
spinae nervis mutatis, paniculae tenui pedunculo pedunculatae, lobis
perigonii ovatis compressis etc. — Folia serratis. Panículae terminalis
ciliatis, longe pedunculatae, lobis longis duplo apertis. Perigonium
involucris oblongatis 2 lin. longis. — D. Don Journ. Bot. Soc. Lond. 1841.

† Iron addenda.

HUMPHREYS Hb. — Bot. Bot. Soc. Lond. 1841.

GENUS OCLI SMILACAE N. Br.

(Linn. Syst. 1. p. 128, 2. p. 11, 3. p. 59. — Mart. Gen. 1.
1171. POL.)

(Tourn. Inst. p. 14. — DONATUM Tournef.)

1. P. CUMULIFLORUM Don in Journ. Bot. Soc. Lond. 1841, p. 420. — Folia
oblonga ovata sublongis, lobis serratis sublongis, nervibus sublongis
pedunculatae ovatis ciliatis. — Caulis teretis albis ciliatis, tenui pedunculo
pedunculatae, lobis perigonii ovatis compressis etc. — Folia serratis.
Panículae terminalis ciliatis, longe pedunculatae, lobis longis duplo
apertis. Perigonium involucris oblongatis 2 lin. longis. — D. Don
Journ. Bot. Soc. Lond. 1841.

1181. SMILAX *Thunb.*(Thunb. *Icon.* t. 205. — D. Don, *Prosp.* pl. 1134.)

1. *S. VAGINATA* Blume, in *Asiat. Voyages* IV. 203. f. tab. 108. — *Asiat.*: Folia orbiculata vel reniformia serrulata ut — *gymnosperma*, petiolo basi vaginula glauca immixta; lacinis basi palmatis glaberrimis, petiolulis lobulatis crassis obtusis, cuneatis brevibus, 3. lacin. petiolulis 2-2 lobis, petiolulis apiculatis, nervis glabris. — *Crucei* in *Agria* Hainanensis terra japonica sept. 1860. alt. 1400' met.; India: Sumatranensis.
2. *S. URUCEA* Thunb. in *Batav. Voy.* of the *Belgic.* p. 174. — *Asiatica*: Folia ovata ovatae basi; Folia sessilibus breviter palmatis orbiculatis, apice obtuse emarginatis serrulatis, vel mucronatis, basi reniformi sagittatae cuneatis, utrinque gymnospermae breviter palmatis; petiolulis brevibus palmatis serratis, et sagittatis glabris. — *Asiat.*: terra javanica Sumatranensis terra altitudinis. Folia in his compressiora, 4 lin. long.; petiolo breviter, Cuneis petiolulis met. breviter, cuneis sagittatis 1 1/2-2 lin. longis. *Sumat.* glabris, breviter palmatis, 2 lin. diametris. — *Crucei* ad Mananilla Bay.

† *Forme addenda.*3. *HYALIFOLIA* RAK. — *Walt.* *Icon.* plant. 1. 305.M» CCF DIOSCOREAE *H. Br.*(Walt. *Icon.* plant. p. 317. *Agria* H. p. 14. 20. p. 22. — *Nolan.* *Icon.* plant. *crucif.* 1. 406. H. 307.)1182. DIOSCOREA *Thunb.*(Thunb. *Icon.* pl. 1. 25.)

1. *D. MULTIFIDA* Presl, *Bot. Bohem.* p. 125. — *Caulis* teretibus glabris striatis; Folia ovata cordato-ovata serrulata petiolo 11-nerviis, lobis brevibus cuneatis; nervis serratis basi acuminatis breviter palmatis palmatis, lobis plus quam duplo longioribus, lobis serratis plus minusve glabris. — Folia 2 ped. longa, 2 ped. lata. — *Nolan.* *Icon.* *D.* palmatis, piperitibus et ceteris, a quibus Folia ovata cordato-ovata serrulata petiolo 11-nerviis, lobis brevibus cuneatis, lobis plus quam duplo longioribus, lobis serratis plus minusve glabris. — *Nolan.* *Icon.* *D.* palmatis, piperitibus et ceteris, a quibus Folia ovata cordato-ovata serrulata petiolo 11-nerviis, lobis brevibus cuneatis, lobis plus quam duplo longioribus, lobis serratis plus minusve glabris.
2. *D. VAGIFOLIA* Kuhn, *Linnæus* 88. 2. — Folia ovata cordato-ovata serrulata; lobis 2-3-nerviis, nervis serratis breviter palmatis palmatis, lobis plus quam duplo longioribus, lobis serratis plus minusve glabris. — *Nolan.* *Icon.* *D.* palmatis, piperitibus et ceteris, a quibus Folia ovata cordato-ovata serrulata petiolo 11-nerviis, lobis brevibus cuneatis, lobis plus quam duplo longioribus, lobis serratis plus minusve glabris.
3. *D. HETEROPHYLLA* N. et R. in *Lehm. Fluct. Pruss.* II. p. 31. — Folia ovata cordato-ovata serrulata, nervis serratis breviter palmatis palmatis, lobis plus quam duplo longioribus, lobis serratis plus minusve glabris. — *Nolan.* *Icon.* *D.* palmatis, piperitibus et ceteris, a quibus Folia ovata cordato-ovata serrulata petiolo 11-nerviis, lobis brevibus cuneatis, lobis plus quam duplo longioribus, lobis serratis plus minusve glabris.
4. *D.* *Nolan.* *Icon.* *D.* palmatis, piperitibus et ceteris, a quibus Folia ovata cordato-ovata serrulata petiolo 11-nerviis, lobis brevibus cuneatis, lobis plus quam duplo longioribus, lobis serratis plus minusve glabris. — *Nolan.* *Icon.* *D.* palmatis, piperitibus et ceteris, a quibus Folia ovata cordato-ovata serrulata petiolo 11-nerviis, lobis brevibus cuneatis, lobis plus quam duplo longioribus, lobis serratis plus minusve glabris.

- involucris simplicibus, vaginis oblongis, apice stragulis mucronatis parvis brevibus.
 — Crescit in paludibus et siccis montibus Siberiae Orientalis prope Khatanga.
6. *J. AFRICANA* Desv. in Jussieu, Voyage II. III. 2. 106. 173. — Culm vaginis
 foliis ovatis lanceolatis stramineis, apice sphacelatis, vaginis ovatis
 foliis spatulatis ellipticis, pediculis foliorum lanuginosis mucronatis, involucribus
 mucronatis, stragulis pediculis foliorum ovatis mucronatis. — Crescit in
 vasis in Africa Occidentali prope Khatanga Ghambiae. — Desv. in Jussieu, Voyage II. III. 2. 106. 173.
7. *J. LEOPOLDI* Perleb., Göttinger botanische Anzeiger II. 1. p. 226. 1. — Culm
 compressis angustatis teretibus, pediculis foliorum spatulatis ellipticis ovatis mucronatis,
 vaginis ovatis, apice sphacelatis, involucribus mucronatis, stragulis pediculis
 foliorum ovatis mucronatis, pediculis foliorum spatulatis ellipticis ovatis mucronatis.
 — Crescit in Africa Occidentali prope Khatanga Ghambiae.
8. *J. ANDRICA* Hook. Kew. plant. 3. 714. — Aphyllus, culm compressis teretibus
 teretibus, involucribus longis linearibus mucronatis, vaginis spatulatis ovatis mucronatis
 teretibus, pediculis foliorum spatulatis ellipticis ovatis mucronatis, involucribus
 mucronatis, stragulis pediculis foliorum spatulatis ellipticis ovatis mucronatis.
 — Crescit in Africa Occidentali prope Khatanga Ghambiae.
9. *J. STIPULATUS* N. & T. in Moench, Nov. act. Acad. Leop. Carol. XIV. Junii 1. 261. 1.
 — Culm compressis teretibus, pediculis foliorum spatulatis ellipticis ovatis mucronatis,
 vaginis spatulatis ovatis mucronatis, involucribus mucronatis, stragulis pediculis
 foliorum spatulatis ellipticis ovatis mucronatis. — *J. mucronatus* β prope Khatanga, Ghambiae.
 in Chili et Valparaiso.
10. *J. RAFFLESII* Less. Enum. III. 206. — Culm compressis teretibus, pediculis
 foliorum spatulatis ellipticis ovatis mucronatis, vaginis spatulatis ovatis mucronatis,
 involucribus mucronatis, stragulis pediculis foliorum spatulatis ellipticis ovatis mucronatis.
11. *J. (BONPLANDII) GRACILIS* Hook. in Moench, Nov. act. Acad. Leop. Carol. XIV. Junii 1. 261. 1.
 — Culm compressis teretibus, pediculis foliorum spatulatis ellipticis ovatis mucronatis,
 vaginis spatulatis ovatis mucronatis, involucribus mucronatis, stragulis pediculis
 foliorum spatulatis ellipticis ovatis mucronatis. — Crescit in Africa Occidentali
 prope Khatanga Ghambiae.
12. *J. ANTILOPICUS* Hook. Kew. plant. 3. 714. 1. — Culm compressis teretibus,
 pediculis foliorum spatulatis ellipticis ovatis mucronatis, vaginis spatulatis ovatis
 mucronatis, involucribus mucronatis, stragulis pediculis foliorum spatulatis ellipticis
 ovatis mucronatis. — Crescit in Africa Occidentali prope Khatanga Ghambiae.
13. *J. RABENANS* Scribn. Annals XVII. 481. 1. — Culm compressis teretibus,
 pediculis foliorum spatulatis ellipticis ovatis mucronatis, vaginis spatulatis ovatis
 mucronatis, involucribus mucronatis, stragulis pediculis foliorum spatulatis ellipticis
 ovatis mucronatis. — Crescit in Africa Occidentali prope Khatanga Ghambiae.

ex ovata basi acuminata aristata, interiora angustiora exteriora. — Crescit in aqua-
ria prope Kalapiam Messanicam.

- 13. *J. CAESPITIOSUS* E. Meyer in Ledeb. Plant. Prelo. II. pag. 47. — Folia radicali-
bus spithameo stricte canaliculatis angustioribus; scapo subrotundo laevi; capitula
subteriti, terminali subsessili, lateralibus pedunculatis tri-axillaribus; perianthii fo-
lulis subaequalibus, exterioribus acutis, interioribus obtusis, capsulam trigono-ellip-
ticam aequam via superantibus, staminibus sexis. — *IT.* et *WtU* hunc locum
ad *SUIA* Cassing dicit. Part. Australiae.

— *Iron* addenda.

- 1. *GRANDIFLORUS* Fries. — (Koth. I. c. 300. n. 4.1 — *Morissperman* — *SUIA*
Iron Hook. *Iron* plant. tab. III. ♀.

IV. *DISTICHIA* N. ab E. & Meyer.

(N. ab E. & Meyer, Nat. act. acad. Leop. Carol. XIX. Suppl. I. 178.

Perianthium glumaceum exsertitum. Stamina tria decidua an
plantis diaca? — Stylus simplex supra basin deciduus, stigmata
filiformia villis. Capsula cistata, parte attenuata sterili, superne
ocularis loculicide trivalvis, valvis medio septiferis, loculi polyspermi, pla-
centis dissimulorum marginibus adnatis itaque centralibus. Semina
ovalia nigrescentia, testa (an arillus?) pallidior, in extremitate hilo acuto
opposita tumida, maturitatis tempore evanescentis, membrana interna (an
testa?) membranacea colorata, albuminal farinaceo adhaerens. Inflores-
centia: flus solitarius in ramulo *Tn id* ejus latus innovante terminatis, vagi-
nis foliorum proximorum inclusis. Caulis *pah* lanato *M*f>tlot* dichotomi-
denae foliosi; folia disticha, e basi lato vaginante subulata.

- 1. *H. MESCHIDES* N. ab E. & Meyer I. c. 178. ♀ — Crescit in Peruvia. plantis
1789 p. 2. n. 30. Giza Pisonian.

Genera Juncaceis affinia:

* *ASTELIAS* Eull. Gen. pl. p. 131.

VI. *ASTELLA* Benth. & Sol.

(Koth. Koenig. III. 26.)

- 1. *A. PUMILA* B. Th. Prodr. II. Nov. Holl. 26. — Koth. I. c. <5.> n. 2. — Hook.
II. Austral. 777. of Turret and Erbas 27. t. 1

Pumila Magellanum Willd.
2. *A. LINEARIS* Hook. II. Austral. 777. of Turret *t b>4* Erbas 27. ♀ — Folia patula
lanati-oblonga anthe canaliculata adpresso angustius poltrata nervosa vel glabres-
cula, vaginæ cartilagineae; scapo pubescenti 1—3-fido, basi inferiore basi hirsutata
buxa lanati-oblonga cartilaginea obtusa ligula sessilibus; semibus pluribus placen-
tis parietalibus *ill. * * ** ♀ — Species *pumila* habitus *A. simplex* et *pumila*, sed juss
folia multibus angustioribus differt. Caulis *ill. * * ** sessilibus demumque compacti
vagina foliorum fascis obtecti. Folia omnia radicalia *ill. * * **, trifariam 17 indurata,
basi lato vaginatis 2—4 costata linear-oblonga vel *ill. * * ** anguste lanceolata. Spa-
pes solitarius sessilibus inter vaginæ foliorum occultas angustius equans, apice
lobata lobatus. Flores approximati erecti, inferior sessilibus, basi hirsutata, su-
perior pedicellatis. Bractea lanati-oblonga obliqua, utrinque inferius equans,
fl. mucroni ignoti. Fructus perianthium 6-partitum, lateralibus linearibus oblongis, ex-
terioribus majoribus, extra nervosa, apicem curvus incrassatis suboculata, disco
pedicellata, interioribus angustioribus, apice subincrassatis. Stamina duo perianthio
inclusa imperfecta. Ovarium ovato-trigono stigmate bilobato axilli teraxillam ob-
ducens, placenta parietalibus plurioribus triaxillibus. Buxa cartilaginea oblonga
obovata prismatica pallide rufa polysperma.

β. subulata: *pumila*, folia lanati-oblonga.
Crescit in insula Auckland et Campbell.

** RUPATEAE Ehrh. l. n. 151.

VIII. RUPATEA Aulis.

(Kuhn. Enumer. III. 305. 4. 1802.)

1. *R. FRIEDRICI* Aulis. Schumbrger. Rupat. p. 11. 4. 1. — Folia ovata basi
 vix, vertice vix angustata; vagina brevissima compressa distans a lamina; vagina
 vix angustata brevissimae a basi apertae, acuta carinae sublongitudinali
 longae $\frac{1}{2}$. — In aetate immatura filices. — Schumbrger.
 2. *R. PUGNACERRA* Aulis in Mart. 4. Enum. Flor. Ital. Ital. VIII. 12. p. 1. 4. 1.
 Fig. 1. — Folia lineari-lanceolata, angustata distans a lamina; vagina brevissima
 distans, aperturam glabram brevissimam; laminae brevissimae, aperturam
 vix. — Cancelli in laminae parte. — Schumbrger.

† Iron addenda.

- R. VALENSIS* Aulis — Kuhn. l. c. no. 1. — Schumbrger. l. c. 12. p. 1. 4. 1.

IX. SPTHEASTRIS Aulis.

(Kuhn. Enumer. III. 305.)

1. *SPT. UNILATERALIS* Aulis. — Kuhn. l. c. no. 1. — Schumbrger. l. c. 12. p. 1. 4. 1.
 Flor. Ital. VIII. 12. p. 1. 4. 1.

X. SCHOENOCYPHALIUM Aulis.

(Schumbrger in Mart. 4. Enum. Flor. Ital. Ital. VIII. 12. no. 1. Fig. 1. 1. 1.)

Floribus hermaphroditis breviter involuente clausi. Progenitum super
 Ovario, inclusa laminae, exsertitur scaberrima laminae distans
 mucronata, interioribus brevissimis subperforatis, laminae mucronatae
 sine carina. Stamina 6 laminae perigonii interioribus breviter
 per parte incidentia, filamenta filiformia angusta multicaulis, per
 antheras elongata, antheras oblongas lineares bilobatas, laminae partem
 vix laminae aetate, in tubulo linea interea vix, per
 aperturam carinata. Ovarium oblongum vel triangulare immixtum tri-
 lobatum, geminis lineis a basi fissis mucronatis. Stylis brevibus
 aliqua subaperturam papillata. Semina angulata, vix aetate
 leri, abalca subaperturam interea appendiculata. — Quibus
 antheras inclusa Rupatestris.

1. *SCH. MARTIANUM* Aulis l. c. 7. no. 1. — Folia ovata basi
 vix, vertice vix angustata; vagina brevissima distans a lamina; vagina
 vix angustata brevissimae a basi apertae, acuta carinae sublongitudinali
 longae $\frac{1}{2}$. — Schumbrger. Enumer. III. 305. 4. 1802.

2. *SCH. ARISTOCYPHALUM* Aulis l. c. 7. no. 2. Fig. 1. — Folia ovata
 elongata immixta subperforata glaberrima mucronata, per
 antheras elongata breviter aetate immixta. — Schumbrger. Enumer. III. 305. 4. 1802.
 3. *SCH. PUGNACERRA* Aulis l. c. 7. no. 3. — Cancelli in laminae parte. —
 Schumbrger.

XI. REXO-FRIDERICIA Aulis. Schumbrger.

(Kuhn. Enumer. III. 305. 4. 1802.)

Progenitum aetate hypogynum mucronatum, tuba mucronata
 mucronata, laminae tripartito glomerata patente, mucronata tuba
 laminae vix subperforata aetate, apice in aperturam producta, interioribus
 brevissimis mucronatis, laminae tripartito mucronata patente. Stamina
 6 laminae, perigonii interioribus tuba fissis laminae breviter
 aetate aetate tetragona bilobata longitudinaliter distans, laminae
 aperturam laterales bilobatas, laminae partem apice producta. Ovarium
 subglobosum trilobatum, apice papillata subperforatum. Geminis
 mucronatis, in angulo centrali fissis aetate. Stylis aetate.

culitas cylindricis, stigma elongata. Capsula pyramidalis 3-lacunaribus (superius trilobata), valis medio septiferis glaucis-cartilagineis. Bractea compresso-oblonga rugulosa. — Herba litorali (superioribus) foliis sessilibus longioribus brevioribus, apice recurvatis, basi vaginatis, crasso compresso breviterilobis; nervis capitulis augustis, in nervulibus cunctis sensibus scissis, e squamis submembranaceis scissis cunctis persistentibus compressilibus.

1. 98. **KALALIS** Eub. Schrebk. l. c. II. §. tab. 2. — Crescit in arenis paludosis Galles Britanniae ad Bristolum.

XIV. XEROYES II. J.

(Kuhn, Kunze, III. 212.)

1. **X. GRAMINEA** Eub. in Linn. Prod. Prosa. II. p. 48. — Folia angusta breviter lanceolata plura basi junctis, valis sublongioribus longioribus; capsula basi apice subcompressa, cunctis compressis cunctis; pedicellis oppositis, bractea acuminata breviter.

2. **X. ANTHRACINUS** Eub. l. c. p. 48. — Folia angusta breviter lanceolata, valis brevioribus brevioribus; capsula acuta, apice abrupte rotundata; cunctis angustis cunctis, pedicellis oppositis, bractea acuta longioribus. — Crescit in arenis compressilibus submersa inter litora meridionalia-occidentalia arenae Galles litorali Prosa Britanniae.

3. **X. MARIANUS** Eub. l. c. — Folia brevioribus elongata, valis suboblonga, apice suboblonga; cunctis brevioribus brevioribus, cunctis alteris; pedicellis suboblongis basi brevioribus. — Crescit in arenis submersa inter litora apice prope litora litorali Prosa Britanniae.

4. **X. PUSILLA** Eub. l. c. — Folia brevioribus angusta plura basi junctis, valis suboblonga elongata; capsula angusta breviter lanceolata, cunctis compressis longioribus longioribus; capsula basi apice subcompressa, cunctis compressis cunctis; pedicellis oppositis, bractea acuta longioribus. — Crescit in arenis submersa et cunctis prope arenam litorali Prosa Britanniae litorali Prosa Britanniae.

5. **X. ALBA** Eub. l. c. — Folia basi brevioribus elongata, cunctis brevioribus brevioribus, capsula basi breviter lanceolata, cunctis compressis longioribus longioribus; capsula basi apice subcompressa, cunctis compressis cunctis; pedicellis oppositis, bractea acuta longioribus. — Crescit in arenis submersa litorali Prosa Britanniae.

6. **X. PULCHRA** Eub. l. c. p. 48. — Folia brevioribus elongata, cunctis brevioribus brevioribus, capsula basi breviter lanceolata, cunctis compressis longioribus longioribus; capsula basi apice subcompressa, cunctis compressis cunctis; pedicellis oppositis, bractea acuta longioribus. — Crescit in arenis submersa litorali Prosa Britanniae.

7. **X. OBUSA** Eub. l. c. — Folia brevioribus elongata, cunctis brevioribus brevioribus, capsula basi breviter lanceolata, cunctis compressis longioribus longioribus; capsula basi apice subcompressa, cunctis compressis cunctis; pedicellis oppositis, bractea acuta longioribus. — Crescit in arenis submersa litorali Prosa Britanniae.

8. **X. ACUTUS** Eub. l. c. — Folia brevioribus elongata, cunctis brevioribus brevioribus, capsula basi breviter lanceolata, cunctis compressis longioribus longioribus; capsula basi apice subcompressa, cunctis compressis cunctis; pedicellis oppositis, bractea acuta longioribus. — Crescit in arenis submersa litorali Prosa Britanniae.

9. **X. CRISTATA** Eub. l. c. — Folia brevioribus elongata, cunctis brevioribus brevioribus, capsula basi breviter lanceolata, cunctis compressis longioribus longioribus; capsula basi apice subcompressa, cunctis compressis cunctis; pedicellis oppositis, bractea acuta longioribus. — Crescit in arenis submersa litorali Prosa Britanniae.

12. *X. REPENTIS* Eubl. l. cit. — Folia sempervegeta, glaberrima, teretibus, acutis, 2-3 pediculis, basi ciliatis, apice mucronatis, submembranaceis, supra hirsutius, infra minus vaginis hirsutis; apices ciliis peltatis glaberrimis, submembranaceis, mucronatis, teretibus, — Cuius in repensibus ciliis hirsutis, ciliis mucronatis hirsutis, ciliis hirsutis hirsutis.

13. *X. SPARTEA* Eubl. l. cit. pag. 55. — Folia longioribus, teretibus, acutis, 2-3 pediculis, basi ciliatis, apice mucronatis, submembranaceis, supra hirsutius, infra minus vaginis hirsutis; apices ciliis peltatis glaberrimis, submembranaceis, mucronatis, teretibus, — Cuius in repensibus ciliis hirsutis, ciliis mucronatis hirsutis, ciliis hirsutis hirsutis.

14. *X. TUBIFRATA* Eubl. l. cit. — Folia teretibus, acutis, supra hirsutius, infra minus vaginis hirsutis; apices ciliis peltatis glaberrimis, submembranaceis, mucronatis, teretibus, — Cuius in repensibus ciliis hirsutis, ciliis mucronatis hirsutis, ciliis hirsutis hirsutis.

† Species dubiae.

15. *X. ? SERICA* Eubl. l. cit. — Folia teretibus, acutis, supra hirsutius, infra minus vaginis hirsutis; apices ciliis peltatis glaberrimis, submembranaceis, mucronatis, teretibus, — Cuius in repensibus ciliis hirsutis, ciliis mucronatis hirsutis, ciliis hirsutis hirsutis.

16. *X.* Schleich. Tabern. XI. 35. — Folia teretibus, acutis, supra hirsutius, infra minus vaginis hirsutis; apices ciliis peltatis glaberrimis, submembranaceis, mucronatis, teretibus, — Cuius in repensibus ciliis hirsutis, ciliis mucronatis hirsutis, ciliis hirsutis hirsutis.

XXXX CALYPTACEAE Eubl. l. cit. 122.

XV. KINGIA B. DC.

Bot. France II. 372.

1. *K. ARGENTEA* Poir. in Lam. Plant. France II. p. 427. — Folia longioribus, teretibus, acutis, supra hirsutius, infra minus vaginis hirsutis; apices ciliis peltatis glaberrimis, submembranaceis, mucronatis, teretibus, — Cuius in repensibus ciliis hirsutis, ciliis mucronatis hirsutis, ciliis hirsutis hirsutis.

XVI. BAMBUSOIDES B. DC.

Bot. France II. 372.

1. *B. OBLONGIFOLIUS* Lam. Plant. France II. pag. 55. — Folia teretibus, acutis, supra hirsutius, infra minus vaginis hirsutis; apices ciliis peltatis glaberrimis, submembranaceis, mucronatis, teretibus, — Cuius in repensibus ciliis hirsutis, ciliis mucronatis hirsutis, ciliis hirsutis hirsutis.

XXXX CALYPTACEAE Eubl. l. cit.

XVII. CALECTANIS B. DC.

Bot. France II. 372.

1. *C. GRANDIFLORA* Poir. in Lam. Plant. France II. pag. 42. 1. — Folia longioribus, teretibus, acutis, supra hirsutius, infra minus vaginis hirsutis; apices ciliis peltatis glaberrimis, submembranaceis, mucronatis, teretibus, — Cuius in repensibus ciliis hirsutis, ciliis mucronatis hirsutis, ciliis hirsutis hirsutis.

Subclassis VIII.

EVANTICIBLI* TAE Martius.

(Moss, Geogr. plant. rusc. I. 400. II. 310.)

m* wax COMNELYNÆE (R. Br. *)

(Moss, Geogr. plant. rusc. I. 400. II. 310.)

1. COMNELYNÆE Linn.

(Moss, Geogr. plant. rusc. I. 400. II. 310.)

1. C. FUCHSII Hedk. Cat. Hort. Bojot. III. — Caulis erectus; foliis angustioribus... (Text continues with botanical description)

2. C. ... Hedk. Cat. Hort. Bojot. III. — Caulis erectus; foliis angustioribus... (Text continues with botanical description)

3. C. ... Hedk. Cat. Hort. Bojot. III. — Caulis erectus; foliis angustioribus... (Text continues with botanical description)

4. C. ... Hedk. Cat. Hort. Bojot. III. — Caulis erectus; foliis angustioribus... (Text continues with botanical description)

* Species nomenclaturae ad huc usque non determinatae, nomenclaturae ad huc usque non determinatae...

involucris tubulosis, bracteae monogynae; septum tubulosa, late longe latius patens
 operculo glabro, vix immixto rugoso. Tubulose ante papilla in bractea punctata albata
 tubulosis, albaeque marginibus. — *Chekalova in Fl. of the USSR*, vol. 17

1. *C. STRIATA* E. Winkl. l. cit. — *Folia* lanceolata ovata, serrata, puberula, 1-2
 cm longa, basi cuneata, apice recurva, petiolis tubulosis 3-4 mm longis
 striata. — *Caulis* teres, tubulose punctatus, his pilis, striatis, 2-3 mm
 folia 1-2 cm longa, 1-2 cm lata, basi cuneata, apice recurva, petiolis
 striatis. *Fructus* ovatus, tubulose punctatus, late longe latius patens, operculo
 glabro, vix immixto rugoso. *Septum* tubulosa, late longe latius patens, operculo
 glabro, vix immixto rugoso. *Involucris* tubulosis, albaeque marginibus. — *Chekalova in Fl. of the USSR*, vol. 17

2. *C. STRICTA* N. in Fl. Leningrad. III, 1. — *Caulis* teres, tubulose punctatus, his
 pilis, striatis, 2-3 mm folia 1-2 cm longa, 1-2 cm lata, basi cuneata, apice
 recurva, petiolis tubulosis 3-4 mm longis striata. — *Chekalova in Fl. of the USSR*, vol. 17

3. *C. GULBISIMPALA* Kuhn. *Vierteljahrsschrift Naturforschenden Gesellschaft in
 Zürich*, 1873, p. 101. — *Folia* lanceolata ovata, serrata, puberula, 1-2
 cm longa, basi cuneata, apice recurva, petiolis tubulosis 3-4 mm longis
 striata. — *Caulis* teres, tubulose punctatus, his pilis, striatis, 2-3 mm
 folia 1-2 cm longa, 1-2 cm lata, basi cuneata, apice recurva, petiolis
 striatis. *Fructus* ovatus, tubulose punctatus, late longe latius patens, operculo
 glabro, vix immixto rugoso. *Septum* tubulosa, late longe latius patens, operculo
 glabro, vix immixto rugoso. *Involucris* tubulosis, albaeque marginibus. — *Chekalova in Fl. of the USSR*, vol. 17

4. *C. (?) LEONATA* Ledeb. in Vukob. Voy. of the Caucasus VII, p. 156. — *Folia*
 lanceolata ovata, serrata, puberula, 1-2 cm longa, basi cuneata, apice recurva,
 petiolis tubulosis 3-4 mm longis striata. — *Caulis* teres, tubulose punctatus,
 his pilis, striatis, 2-3 mm folia 1-2 cm longa, 1-2 cm lata, basi cuneata,
 apice recurva, petiolis tubulosis 3-4 mm longis striata. — *Chekalova in Fl. of the USSR*, vol. 17

5. *C. (?)* *Folia* lanceolata ovata, serrata, puberula, 1-2 cm longa, basi cuneata,
 apice recurva, petiolis tubulosis 3-4 mm longis striata. — *Caulis* teres,
 tubulose punctatus, his pilis, striatis, 2-3 mm folia 1-2 cm longa, 1-2 cm
 lata, basi cuneata, apice recurva, petiolis tubulosis 3-4 mm longis striata.
Fructus ovatus, tubulose punctatus, late longe latius patens, operculo
 glabro, vix immixto rugoso. *Septum* tubulosa, late longe latius patens,
 operculo glabro, vix immixto rugoso. *Involucris* tubulosis, albaeque
 marginibus. — *Chekalova in Fl. of the USSR*, vol. 17

6. *C. (?)* *Folia* lanceolata ovata, serrata, puberula, 1-2 cm longa, basi cuneata,
 apice recurva, petiolis tubulosis 3-4 mm longis striata. — *Caulis* teres,
 tubulose punctatus, his pilis, striatis, 2-3 mm folia 1-2 cm longa, 1-2 cm
 lata, basi cuneata, apice recurva, petiolis tubulosis 3-4 mm longis striata.
Fructus ovatus, tubulose punctatus, late longe latius patens, operculo
 glabro, vix immixto rugoso. *Septum* tubulosa, late longe latius patens,
 operculo glabro, vix immixto rugoso. *Involucris* tubulosis, albaeque
 marginibus. — *Chekalova in Fl. of the USSR*, vol. 17

... — Causa et forma ...

Species six nota.

C. ... — Causa et forma ...

III. ANTELENA Kuhl.

(Kuhl. Enumer. IV. 54. et 60.)

1. A. FILIPES ...

2. A. BRACHYLOBA ...

3. A. TRICHOVOLA ...

VIII. STREPTOLIRION Kieffer.

(Kieffer. Transact. of the Amer. Ent. Soc. XX. 36.)

Supra ...

MM ••*

1. ...

nona angulata in spargis leviter dehis trilocularibus, rugatis-sulcatis. — *Croizat in Bulletin de l'Institut de Bot. par. 1869—70*, in vasis herbarii Martii, super herbario Martiano.

IX. THADENCANTIA Link.

(Koll. Koen. IV. 56. 8. 581.)

1. *TH. GUYANENSIS* Ruper, Lapour. XVII. 37. 2. — *Alumina* (sua) corolla limbo tubulosa, calicea: tubo glaberrima, lobis hemisphaerico angustioribus, glabris, marginibus serrulatis, rugis anglicis, non longe ultra mucronem. Flos plures in axilla: pubescentia serrulatis 2—4 loculis, apice subulato glabrato, pedicello apiculato stratiocantho glabro, immixtus thalamo. — *Reichenbach in Botan. Koen. II.* — *Croizat in Bulletin de l'Institut de Bot. par. 1869—70*.
2. *TH. WALLICHIANA* Kunt, in *Beobacht. über den wahren Ursprung der Gattung* (Koen. VIII. 11). — *Alumina*: corolla spuria alborens angusta tubo tubuloso, lobis subaequalibus hemisphaerico, mucronibus mucronatis acuminatis apice serrulatis, subaequalibus subaequalibus stratiocantho glabro, immixtus thalamo, pedicello subulato glabrato, mucronibus mucronatis subulatis, apice subulato stratiocantho. — *Flos 1—2* — *W. Wallichiana*, in *Beobacht. über den wahren Ursprung der Gattung* (Koen. VIII. 11). — *Croizat in Bulletin de l'Institut de Bot. par. 1869—70*.
3. *TH. BERGII* N. & E., *Linnæa* XIX. 19. 1. — *Alumina*: corolla spuria alborens tubo tubuloso, lobis subaequalibus hemisphaerico, mucronibus mucronatis acuminatis apice serrulatis, subaequalibus subaequalibus stratiocantho glabro, immixtus thalamo, pedicello subulato glabrato, mucronibus mucronatis subulatis, apice subulato stratiocantho. — *Flos 1—2* — *Bergii in Th. Bergii*, in *Beobacht. über den wahren Ursprung der Gattung* (Koen. VIII. 11). — *Croizat in Bulletin de l'Institut de Bot. par. 1869—70*.
4. *TH. CHUCHEI* N. & E., *Linnæa* XIX. 19. 2. — *Alumina*: corolla spuria alborens tubo tubuloso, lobis subaequalibus hemisphaerico, mucronibus mucronatis acuminatis apice serrulatis, subaequalibus subaequalibus stratiocantho glabro, immixtus thalamo, pedicello subulato glabrato, mucronibus mucronatis subulatis, apice subulato stratiocantho. — *Flos 1—2* — *Chuchi in Th. Chuchi*, in *Beobacht. über den wahren Ursprung der Gattung* (Koen. VIII. 11). — *Croizat in Bulletin de l'Institut de Bot. par. 1869—70*.
5. *TH. PURPUREA* N. & E., *Linnæa* XIX. 19. 3. — *Alumina*: corolla spuria alborens tubo tubuloso, lobis subaequalibus hemisphaerico, mucronibus mucronatis acuminatis apice serrulatis, subaequalibus subaequalibus stratiocantho glabro, immixtus thalamo, pedicello subulato glabrato, mucronibus mucronatis subulatis, apice subulato stratiocantho. — *Flos 1—2* — *Purpurea in Th. Purpurea*, in *Beobacht. über den wahren Ursprung der Gattung* (Koen. VIII. 11). — *Croizat in Bulletin de l'Institut de Bot. par. 1869—70*.

§. *Alumina addenda.*

- TH. SALICIS* N. & E. — *Koll. Koen. IX. 11. 11. 1* — *Alum. spur. plures* 1—2.
TH. RANUNCULI N. & E. — *Koll. Koen. IX. 11. 11. 2* — *Alum. spur. plures* 1—2.

Ordo Cuc. ITHIDEAE Kuth.

(Kuth. Generat. plant. p. 121. Suppl. t. p. 1155. — Melan. Generat. plant. vascul. 1. 407, 0, 311. — Kuth. Enum. pl. vasc. IV. 1. & 695.)

I. XERIS (Lin. *)

(Kuth. Enum. IV. 2. & 696.)

1. X. MICROCFWALA ?* Cui. pl. Hort. Bogot. 22. — Folia lanceo-ovatifolia, utrinque serrata; capitula homogametia sessile, breviter sessile. — In insula Java.
2. X. AETHUSA Kuth. in Lohm. Plant. Pycno. II. pag. 25. — Culmi effusae tereti teretibus filiformibus striatis brevibus; capitula sessile homogametia sessile, sessile breviter, apice unguiculato lanceolato, subita subulato cuneo. $\frac{1}{2}$. — Creata in nob. herbario ad Patrum Royal Herbar. australium.
3. X. LICHNIFOLIA Mart. Flora III. 2. XIV. Bot. II. 34. — Folia linearibus sessilibus, supra $\frac{1}{2}$ ad basin angustata, $\frac{1}{2}$ parte contracta lamina lobis complicatis rugulosis, apice unguiculato striata, marginibus serratis, lobis duplo brevioribus; utrinque serratis brevibus, apice unguiculato vel globoso, apice ovato obtuso, apice centrali spatia, marginibus serratis ovatis et lobatis. — Prope Tas. in insula.
4. X. SPERULATA Mart. l. c. — Folia linearibus sessilibus, supra $\frac{1}{2}$ ad basin angustata, $\frac{1}{2}$ parte contracta lamina lobis complicatis rugulosis, apice unguiculato striata, marginibus serratis, lobis duplo brevioribus; utrinque serratis brevibus, apice unguiculato vel globoso, apice ovato obtuso, apice centrali spatia, marginibus serratis ovatis et lobatis. — In insula prope Tas. in insula.
5. X. PLASTAZEA Mart. l. c. — Folia linearibus sessilibus, supra $\frac{1}{2}$ ad basin angustata, $\frac{1}{2}$ parte contracta lamina lobis complicatis rugulosis, apice unguiculato striata, marginibus serratis, lobis duplo brevioribus; utrinque serratis brevibus, apice unguiculato vel globoso, apice ovato obtuso, apice centrali spatia, marginibus serratis ovatis et lobatis. — In insula prope Tas. in insula.
6. X. HYPERICAE Mart. l. c. — Folia supra $\frac{1}{2}$ ad basin angustata, $\frac{1}{2}$ parte contracta lamina lobis complicatis rugulosis, apice unguiculato striata, marginibus serratis, lobis duplo brevioribus; utrinque serratis brevibus, apice unguiculato vel globoso, apice ovato obtuso, apice centrali spatia, marginibus serratis ovatis et lobatis. — In insula prope Tas. in insula.
7. X. TORIOLA Mart. l. c. — Folia supra $\frac{1}{2}$ ad basin angustata, $\frac{1}{2}$ parte contracta lamina lobis complicatis rugulosis, apice unguiculato striata, marginibus serratis, lobis duplo brevioribus; utrinque serratis brevibus, apice unguiculato vel globoso, apice ovato obtuso, apice centrali spatia, marginibus serratis ovatis et lobatis. — In insula prope Tas. in insula.
8. X. CRISTATA Pohl. non. ex Mart. l. c. — Folia supra $\frac{1}{2}$ ad basin angustata, $\frac{1}{2}$ parte contracta lamina lobis complicatis rugulosis, apice unguiculato striata, marginibus serratis, lobis duplo brevioribus; utrinque serratis brevibus, apice unguiculato vel globoso, apice ovato obtuso, apice centrali spatia, marginibus serratis ovatis et lobatis. — In insula.
9. X. BENTILACA Martius l. c. 47. — Folia supra $\frac{1}{2}$ ad basin angustata, $\frac{1}{2}$ parte contracta lamina lobis complicatis rugulosis, apice unguiculato striata, marginibus serratis, lobis duplo brevioribus; utrinque serratis brevibus, apice unguiculato vel globoso, apice ovato obtuso, apice centrali spatia, marginibus serratis ovatis et lobatis. — In insula.

*? Species enumeratae sunt omnes sub nomine et pro Enumerationem Kuth. Enum. descriptas sunt.

- ... adhaerentibus, ...
10. *X. TRACHYPHYLLA* Macq. l. c. 10. — Folia supra supra breviter breviter ...
11. *X. BLENHARDI* Macq. l. c. 11. — Folia supra supra ...
12. *X. WENZLICHENSIS* Macq. l. c. 12. — Folia supra supra ...
13. *X. ASPERIFOLIA* Macq. l. c. 13. — Folia supra supra ...
14. *X. LOMAHYLLA* Macq. l. c. 14. — Folia supra supra ...
15. *X. PALLIDA* Macq. l. c. 15. — Folia supra supra ...
16. *X. LARIFOLIA* Macq. l. c. 16. — Folia supra supra ...
17. *X. XAVIENSIS* Macq. l. c. 17. — Folia supra supra ...

Ordo CCLXIII. ERIOGAULEAE L. C. Rich. *)

Mém. Geogr. pt. four, t. III, p. 312. — Kuhn, Enumer. plant. num. III, 322. — *Flora*
europaea Rich. — *Flora* Geogr. plant. p. 120. Suppl. I. III, p. 32.

IV. PÆRPALEANTHUS Mart.

(Kuhn Enum. III, 322.)

1. *P. GARDNERIANUS* Wiggins nov. — Suffruticosus caulis ramisopimus foliosis:
 ramis terribus lanuginosis foliosis; foliis linear-oblongatis deorsum petiolis, demum
 glaberrimis; petiolulis axillaribus petiolis versus apicem ramorum magis, vaginis
 glaberrimis, apice villosis dens et villis. — Folia 7 lin. longa, petioli 7 lin.
 longi, vaginis hemisphaericis albicantibus in petiolois pilis albis. — Habitus di-
 stinguendus. — *Chloranthus Gardneri* Wiggins, in Hook. Icon. pl. t. 322. — *Graeco-*
rum *Pæropale* non Rottb. — In Brasilia districtu Adamantina.
2. *P. SPICULATUS* Gardn. in Hook. Icon. pl. t. 322. † — Caulis ramosus dense foliosus,
 foliis ovatis ovato-oblongatis erectis petiolulis brevibus acuminatis cuspidatis,
 vix glaberrimis, foliis glaberrimis, nervis petiolulis proceris villosis petiolulis brevibus
 vaginis glaberrimis profunde lobatis, apice villosis. — Suffrutex 4—5-pedalis ramosis.
 Folia 2—3-pedalia, petiolulis ovatis 20—25-lin. longis angustis 1/2—1/3-pedibus
 ovatis hemisphaericis dense lanugineis magis petiolulis. Nervis petiolulis et
 laminae nervis, nervis petiolulis. — *Chloranthus* — *Graeco* in Brasilia districtu
 Adamantina. — *Alia* *P. Gardneri* — Kuhn, sed differt habitus gracillior petiolulis
 longioribus.
3. *P. COMPACTUS* Gardn. l. c. t. III. † — Caulis simpliciter lanuginosus; foliis ovatis
 ovatis lanceolatis acutis, basi cuneatis, apice magis longe demum albis villosis, vix
 glaberrimis, nervis petiolulis villosis, petiolulis glaberrimis basi lanuginosis; vaginis lobatis
 glaberrimis ad apicem villosis. — Caulis ramosus lanuginosus foliosus, foliis ovatis 2—3-
 pedibus, petiolulis 2—3 lin. longis, petioli 20 et plus demum villosis 4—5 lin.
 longi, vaginis hemisphaericis pilis albis. Nervis petiolulis et laminae nervis, nervis
 petiolulis, nervis petiolulis. — *Alia* *P. Gardneri* Wiggins, et *P. Gardneri*
 Kuhn. — *Graeco* in Brasilia districtu Adamantina.
4. *P. UNICATUS* Wiggins l. c. t. III. † — Caulis ramosus simpliciter lanuginosus; foliis ovatis
 lanceolatis acutis petiolulis villosis, demum glaberrimis, vix glaberrimis
 petiolulis, petiolulis 4—5 pedibus villosis magis petiolulis. Nervis petiolulis et
 laminae nervis, nervis petiolulis, nervis petiolulis, nervis petiolulis, nervis
 petiolulis, nervis petiolulis, nervis petiolulis, nervis petiolulis, nervis petiolulis.
 — Caulis ramosus dense foliosus, foliis 2-pedibus, petiolulis 4—5 lin. longis, va-
 ginis hemisphaericis, nervis petiolulis villosis, nervis petiolulis, nervis petiolulis.
 In nervis et laminae nervis. — *Graeco* in Brasilia districtu Adamantina.
5. *P. CLAVATUS* Gardn. l. c. t. III. † — Habitus ramosus simpliciter lanuginosus; foliis ovatis
 ad apicem demum foliosis lanuginosis, foliis ovatis ovatis ovatis ovatis ovatis
 ovatis glaberrimis, nervis petiolulis villosis, petiolulis lanuginosis magis petiolulis
 ovatis petiolulis. Nervis petiolulis et laminae nervis, nervis petiolulis. — *Alia*
 demum, ovatis 2—3-pedibus, nervis petiolulis villosis, nervis petiolulis
 lanuginosis petiolulis, petiolulis 2—3 pedibus petiolulis 20—25-pedibus.

*) Species communis plerumque jam ante binomiali, sed post *Enumeracionem* a
 Kuhnio usque descriptae sunt.

- capitula lanuginosa, bracteae subtendentes involucratibus albis, albis, involucribus glaucis. Tota praeterea sparsim lanuginosa. — *Crossl.* in *Revisio Florae Scandinavicae*.
11. *P. REPENSIS* Gaertn. l. c. 326. — *Erigeron*, caespitibus maximis dente foliis, folia lanceolata ovata glauca, pubescentia, involucribus glaucis, capitula alba, glauca. — *Caesia* L. — *Daphniphyllum*, pubescentia, involucribus lanuginosis, capitula alba, bracteae ovatae pycnostachyae, involucris involucratibus albis, bracteae involucris albis, involucribus albis, involucribus glaucis. — *Crossl.* in *Revisio Florae Scandinavicae* prope *Caesia* Scandinavica.
12. *P. ALBIDUS* Gaertn. l. c. 326. — *Fraxinus*, caespitibus maximis dente foliis, folia lanceolata ovata glauca, pubescentia, involucribus glaucis, capitula alba, bracteae ovatae pycnostachyae, involucris involucratibus albis, bracteae involucris albis, involucribus glaucis. — *Crossl.* in *Revisio Florae Scandinavicae* prope *Caesia* Scandinavica.
13. *P. MELANOCYCLUS* Hutch. *Plant. Hartweg.* p. 333. no. 343. — *Caesia*, capitula alba, folia ovata lanceolata ovata glauca, sparsim lanuginosa, involucribus glaucis, capitula alba, bracteae ovatae pycnostachyae, involucris involucratibus albis, bracteae involucris albis, involucribus glaucis. — *Crossl.* in *Revisio Florae Scandinavicae* prope *Caesia* Scandinavica.
14. *P. MELANOCYCLUS* Hutch. *Plant. Hartweg.* p. 333. no. 343. — *Caesia*, capitula alba, folia ovata lanceolata ovata glauca, sparsim lanuginosa, involucribus glaucis, capitula alba, bracteae ovatae pycnostachyae, involucris involucratibus albis, bracteae involucris albis, involucribus glaucis. — *Crossl.* in *Revisio Florae Scandinavicae* prope *Caesia* Scandinavica.
15. *P. MELANOCYCLUS* Hutch. *Plant. Hartweg.* p. 333. no. 343. — *Caesia*, capitula alba, folia ovata lanceolata ovata glauca, sparsim lanuginosa, involucribus glaucis, capitula alba, bracteae ovatae pycnostachyae, involucris involucratibus albis, bracteae involucris albis, involucribus glaucis. — *Crossl.* in *Revisio Florae Scandinavicae* prope *Caesia* Scandinavica.
16. *P. MELANOCYCLUS* Hutch. *Plant. Hartweg.* p. 333. no. 343. — *Caesia*, capitula alba, folia ovata lanceolata ovata glauca, sparsim lanuginosa, involucribus glaucis, capitula alba, bracteae ovatae pycnostachyae, involucris involucratibus albis, bracteae involucris albis, involucribus glaucis. — *Crossl.* in *Revisio Florae Scandinavicae* prope *Caesia* Scandinavica.
17. *P. MELANOCYCLUS* Hutch. *Plant. Hartweg.* p. 333. no. 343. — *Caesia*, capitula alba, folia ovata lanceolata ovata glauca, sparsim lanuginosa, involucribus glaucis, capitula alba, bracteae ovatae pycnostachyae, involucris involucratibus albis, bracteae involucris albis, involucribus glaucis. — *Crossl.* in *Revisio Florae Scandinavicae* prope *Caesia* Scandinavica.
18. *P. MELANOCYCLUS* Hutch. *Plant. Hartweg.* p. 333. no. 343. — *Caesia*, capitula alba, folia ovata lanceolata ovata glauca, sparsim lanuginosa, involucribus glaucis, capitula alba, bracteae ovatae pycnostachyae, involucris involucratibus albis, bracteae involucris albis, involucribus glaucis. — *Crossl.* in *Revisio Florae Scandinavicae* prope *Caesia* Scandinavica.
19. *P. MELANOCYCLUS* Hutch. *Plant. Hartweg.* p. 333. no. 343. — *Caesia*, capitula alba, folia ovata lanceolata ovata glauca, sparsim lanuginosa, involucribus glaucis, capitula alba, bracteae ovatae pycnostachyae, involucris involucratibus albis, bracteae involucris albis, involucribus glaucis. — *Crossl.* in *Revisio Florae Scandinavicae* prope *Caesia* Scandinavica.
20. *P. MELANOCYCLUS* Hutch. *Plant. Hartweg.* p. 333. no. 343. — *Caesia*, capitula alba, folia ovata lanceolata ovata glauca, sparsim lanuginosa, involucribus glaucis, capitula alba, bracteae ovatae pycnostachyae, involucris involucratibus albis, bracteae involucris albis, involucribus glaucis. — *Crossl.* in *Revisio Florae Scandinavicae* prope *Caesia* Scandinavica.

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14. *T. NIVIVAMENSIS* Siebold, *Annalen* XII, III, 2. — Capite simpliciter dimidiato, foliis parvis a basi long. linearibus lanceolatis ovatis, sub basi mucronatis, mucronibus obtusis 2—3 nervis, demum adpressis persistens; pedunculis dimidiato-umbellatis gracilibus terminalibus vaginatis pilosis; involucris breviter mucronatis, calliculis obtusis sessilibus, heterostichis ellipticis acutis 4—5. Intra post. vaginam. — *Cronq. in Natta.*

T. species addendae.

- P. *HELVETICOPHYLLUS* Hieron. — *Kuhn. l. c. III.* — *vol. 10, pl. 115, 116.*
- P. *FLACCIDUS* Lam., l. c. III. — *Hook. l. c. 10, 116.*

V. ERIOCAULON Less.

Kuhn. Enumer. III, 302.

- 1. *E. AFRICANUM* Reichenb., *Flora* (N. L.) XXIII, 149. — *Acute*: foliis pedunculatis dimidiato-linearibus lanceolatis mucronatis mucronibus mucronatis mucronatis; mucronibus mucronatis mucronatis mucronatis; pedunculis dimidiato-umbellatis gracilibus terminalibus vaginatis pilosis; involucris breviter mucronatis, calliculis obtusis sessilibus, heterostichis ellipticis acutis 4—5. Intra post. vaginam. — *Cronq. in Natta.*
- 2. *E. HIRSIUM* Hieron., l. c. 302, 303. — *Acute*: foliis ovatis lanceolatis 2—4 pedunculatis basi sessilibus mucronatis mucronatis (nervis 2—3); pedunculis vaginatis pilosis, his sessilibus, his long. linearibus, his pedalis p. obtusis mucronatis; involucris breviter mucronatis, calliculis obtusis sessilibus, heterostichis ellipticis acutis 4—5. Intra post. vaginam. — *Cronq. in Natta.*
- 3. *E. AFRICANUM* Reichenb., l. c. 302. — *Acute*: foliis pedunculatis dimidiato-linearibus lanceolatis mucronatis mucronibus mucronatis; pedunculis dimidiato-umbellatis gracilibus terminalibus vaginatis pilosis; involucris breviter mucronatis, calliculis obtusis sessilibus, heterostichis ellipticis acutis 4—5. Intra post. vaginam. — *Cronq. in Natta.*

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Mi CCLXII UnUCUI R. Dr.

Math. Comp. p. 128. Sept. 2. p. 128. — Math. Comp. p. 128. Sept. 2. p. 128. — Math. Comp. p. 128. Sept. 2. p. 128.

I. DEMOCLADIS N. J. L.

N. J. L. in Lohm. Flort. Fries. II. p. 243.

Spiculae distichae. Maculae 4i. — triflorae, squamis membraceis
reticularibus majoribus antheris, lateribus poris. ...
Stigma tria distincta. Antherae uniloculares ...
Fasciae distichae, squamis parvis ...
Perianthii basi squamis brevibus ...
filamentis cum apice ...
stigma simplex villis ...
Fructus ...

I. D. DEMOCLADIS N. J. L. — Calyx ...
lobis ...
Fructus ...

II. HENTIO R.

Math. Comp. II. 242.

I. *R. VAGNARIUS ...
K. ...

I. *R. ELONGA ...
K. ...

I. R. HENTIO ...
K. ...

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VII. CANNONDS *Pole. Zinn.*

(Kuhn, Enumer. III, 427.)

1. *C. TRANSDUCENTIS* Kuhn, l. c. 428. no. 11; *ERECTUS* Reichenb., Fl. Ind. l. c. XXVII, 428. n. 10.
2. *C. TILANNOCHONTIS* Kuhn, l. c. 428. no. 12; *VIRGATUS* Reichenb., l. c.
3. *C. SIMPLEX* Kuhn, l. c. 428. no. 3 — Reichenb., l. c. 428. — *Flammularia* var. *simplex* Kuhn, l. c. 428. no. 11.
4. *C. CYLANNOCHONTIS* Kuhn, l. c. 428. no. 14; *SIMPLOIDES* Reichenb., l. c.

IX. HYPOLAENA *B. Tr.*

(Kuhn, Enumer. III, 428.)

1. *H. PUBESCENS* N. et E. in Lohm. Fl. Ind. Pruss. II, p. 42, f. — Calyx campanulatus alberrimus punctulato punctuatoque variegatus, lobis lanceolatis sublongioribus apiculatis ovatis obtusiusculis nullis; perianthio campanulato subglobuloso calycem superans. — *Flora pubescens* B. Tr. — Kuhn, l. c. 428. no. 17.
f. striata: calyx vix longior lobis. *f.*
Cornuta in stramine sylvae hinc parva a "Flammularia" ad *Hypon Cygnorum*, hinc *f.* in *Asperula arenosa* umbrosa sylvae longis spiculis prostr.

XII. REGIA *Thely.*

(Kuhn, Enumer. III, 429.)

1. *R. KRATUM* Reichenb., Fl. Ind. l. c. XXVIII, 429. n. 10. — *R. stipitata* Poir. var. *p. v.* — *Asperula latifolia*, — Kuhn, l. c. 429. f.

XIII. LEPYRODIA *B. Tr.*

(Kuhn, Enumer. III, 430.)

1. *L. SCYTHANEA* N. et E. in Lohm. Fl. Ind. Pruss. II, p. 43, f. — Calyx lobis: tubo calycis brevioribus superans, lobis ovatis, apice imbricatis superans, tubo parvis ovatis lobis brevibus remanentibus; perianthio sic apicibus lobis brevibus lobis brevibus. — *Flora scythica*, — *Cornuta* in tubo calycis brevibus lobis brevibus superans. — *Flora scythica*, — *Flammularia* *Asperula*.
2. *L. MACRA* N. et E. in Lohm. l. c. f. — N. et E. Ann. d. bot. Nord. III, 26, f. — Calyx amplius lobis superans, lobis ovatis, apice imbricatis superans. — *Cornuta* ad *Hypon Cygnorum* in Australia.

XIV. ANARTHIA *B. Tr.*

(Kuhn, Enumer. III, 431.)

1. *A. INCAENODENS* N. et E. in Lohm. Fl. Ind. Pruss. II, p. 43, f. — Calyx lobis: tubo calycis brevioribus superans, lobis ovatis, apice imbricatis superans, tubo parvis ovatis lobis brevibus remanentibus; perianthio sic apicibus lobis brevibus lobis brevibus. — *Flora incaenodens*, — *Cornuta* in tubo calycis brevibus lobis brevibus superans. — *Flora incaenodens*, — *Flammularia* *Asperula*.
2. *A. GRANDILOBA* Lohm. f. N. et E. l. c. p. 43. — Calyx amplius lobis superans, lobis ovatis, apice imbricatis superans, tubo parvis ovatis lobis brevibus remanentibus; perianthio sic apicibus lobis brevibus lobis brevibus. — *Cornuta* ad *Hypon Cygnorum* in Australia.
3. *A. BURNI* N. et E. l. c. — Calyx amplius lobis superans, lobis ovatis, apice imbricatis superans, tubo parvis ovatis lobis brevibus remanentibus; perianthio sic apicibus lobis brevibus lobis brevibus. — *Cornuta* ad *Hypon Cygnorum* in Australia.

gracilis caulis, racemus (♂) — calyx, bracteola stipitata, sepalis lanceolatis obtuse emarginatis. — Cressat ad basin Cyparissii Australiæ.

3. *S. POLYSPHELLA* N. et E. l. v. † — Calyx bracteolæ stipitata, sepalis distincte lobatis subobtusè emarginatis pinnatifidis, perianthio (♂) nullifloro lobata lacinia breviter ciliata, bracteola stipitata, sepalis lanceolatis acutis. — Cressat in regione Ayley ad basin Darwin in Australiæ.

XVI. LEPTOCARPUS R. Br.

(Kuhn, Enumer. III. 460.)

1. *V. CAVER* Lohm. & N. et E. Plant. Prostr. II. p. 54. † — Spicula in disticha latitudine apertius disposita, sepalis ovatis, rhachilla per glaniam emittens marginem laevem, calice simpliciter tubo. — Cressat in regione Chertant in Australiæ.

2. *L. CLAVUS* N. et E. l. v. † — Spiculae masculis pinnatis, sepalis ovatis in pinnis (♂) v. apicis (♂) compressis breviter distatis, sepalis ovatis, lobis longis barbatis, sepalis ovatis, lobis longis barbatis, sepalis ovatis, lobis longis barbatis. — Cressat in regione sublimi vallis Ayley ad basin Darwin in Australiæ.

3. *L. CLAVUS* N. et E. l. v. † — Perianthio simpliciter tubo, sepalis ovatis, lobis longis barbatis, sepalis ovatis, lobis longis barbatis. — Cressat in regione ad basin Ayley ad basin Darwin in Australiæ.

4. *L. CHRYGASTATUS* N. et E. l. v. 42. † — Spicula (♂) ovata oblonga (juvencibus brevioribus) sepalis ovatis, lobis longis barbatis, sepalis ovatis, lobis longis barbatis, sepalis ovatis, lobis longis barbatis, sepalis ovatis, lobis longis barbatis. — Cressat in regione ad basin Ayley ad basin Darwin in Australiæ.

XVII. LEPIDOBOLUS N. et E.

(N. et E. in Lohm. Plant. Prostr. II. p. 67.)

Perianthium pentapetalum, sepalis sepalis breviter obtusatis, basi ovatis, lobis longis barbatis, sepalis ovatis, lobis longis barbatis, sepalis ovatis, lobis longis barbatis. — Cressat in regione ad basin Ayley ad basin Darwin in Australiæ.

1. *L. PREISSMANI* N. et E. l. v. † — Cressat in regione ad basin Ayley ad basin Darwin in Australiæ.

XVIII. CALOROPHUS Lohm.

(Lohm. H. Nov. Bot. N. l. v. 108. — Botany sp. XVII. Enumer. III. 45. no. 54.)

1. *L. DENNIS* Lohm. & N. et E. Plant. Prostr. II. p. 57. † — Calyx subpungens, sepalis ovatis, lobis longis barbatis, sepalis ovatis, lobis longis barbatis, sepalis ovatis, lobis longis barbatis. — Cressat ad basin Cyparissii.

- 2. *C. NIPER* N. et E. l. c. 1. — Culm's horizontalis superior 2 m. long, ...
- 3. *C. FLEXUOSA* N. et E. l. c. p. 28. 1. — Culm's horizontalis, ...
- 4. *C. NIPER* — alii ...
- 5. *C. NIPER* ...
- 6. *C. ELONGATA* N. et E. l. c. 30. 1. — Culm's ...

XXI. HYPODISCUS N. et P.

(Kuhn, Enumer. III. 401.)

1. *H. DUPLICATUS* Kuhn, Enum. III. 401. 1. — Culm's ...

Ordo CCLXV. CENTROLEPIDEAE Nutt.

(Kuhn, Enum. plant. p. 174. — Wiegand, Enum. plant. rorad. I. 185. II. 184. — Kuhn, Enumer. p. 400. III. 401.)

I. CENTROLEPIS Kuhn.

(Kuhn, Enumer. III. 401. — Drury, R. H. 1.)

- 1. *C. (DRURYA) DRURYANA* N. et E. Plur. Frum. II. p. 71. —
- 2. *C. (DRURYA) DRURYANA* N. et E. l. c. 107. Ann. of bot. Soc. VI. 161. —

*) This name is obsolete.

cauda subtriangulari, mucroni caudae sine flagis brevibus, setis supradorsalis
caudae angulis glabris flagis brevissimis. — Cuvier ad Deane Cypridae.

1. *C. CRISTATA* ALPHELOIDES N. in E. I. v. p. 11. — Propaganda epistolaris
cauda 4 per partem mucronis; squatae utraque lobata, setis glabris, utraque angulis im-
punctis. — Cuvier in epistola ad Deane plantis ad testem Jugi dicitur Deane's
tempore in Scot. Part. australis.

3 Ctmw allas.

II. GAINI It til tf

(K. t, i i. IB. 68.)

1. *C. CRISTATA* N. in E. I. v. p. 11. — Deane cypridum
cauda ovata angulis setis mucronis parvis setis lobis brevibus compressis
setibus, non vaginatis. Dorsum setis mucronis angulis utraque lobata,
posteriora breviora lobis longioribus. — Halli Deane. Dorsum simpliciter lobatum
speciosa cauda. Cauda ovata mucroni 2 — 3 dentibus sine flagis compressis
brevibus. Cauda plerumque ovata mucroni 2, non longa Deane mucroni quadrato
obtusius, squatae lobatae lobis, lateralibus compressis, lobis latioribus, dorsa
mucroni ovata, non longa vaginatis lobis ovata cauda, utraque lobis sine
flagis lobis mucronis mucronibus brevibus, utraque lobis sine
flagis mucronibus lobis mucronibus, mucronibus utraque lobis, lobis mucronibus
lobis mucronibus. Puncta lobis mucronibus lobis mucronibus lobis mucronibus
lobis mucronibus. — Cuvier in locis Australis.

2. *C. PELLUCIDA* Deane N. in E. I. v. p. 11. — Cuvier cypridum
cauda ovata angulis setis mucronis parvis setis lobis brevibus compressis
setibus, non vaginatis. Dorsum setis mucronis angulis utraque lobata,
posteriora breviora lobis longioribus. — Halli Deane. Dorsum simpliciter lobatum
speciosa cauda. Cauda ovata mucroni 2 — 3 dentibus sine flagis compressis
brevibus. Cauda plerumque ovata mucroni 2, non longa Deane mucroni quadrato
obtusius, squatae lobatae lobis, lateralibus compressis, lobis latioribus, dorsa
mucroni ovata, non longa vaginatis lobis ovata cauda, utraque lobis sine
flagis lobis mucronibus mucronibus brevibus, utraque lobis sine
flagis mucronibus lobis mucronibus, mucronibus utraque lobis, lobis mucronibus
lobis mucronibus. Puncta lobis mucronibus lobis mucronibus lobis mucronibus
lobis mucronibus. — Cuvier in locis Australis.

Schizocarpia IX.
GLUMACEAE Bartl.

N. S. KUNZII DC. Glum. austr. plant. Austral. I. 409. II. 323. 7
— Kuhn. L. c. 22. 2.

Mun. de B.

to CXLVI TYPE DC.

Tribe I. C.

I. CYPER Kuhn. L. c. 2.

Kuhn. Austr. II. 18. 2.

L. C. SELECTUS Purland, Glum. austr. Austral. II. 1. 1.
grasses sub-4 nerved; involucre subcylindrical; glumes brownish yellowish
brown; spikelets branched at base; pedicels, in mature specimens, very
flexible; squamulae elongate-linear, acuminate, entire, with
cells; glumes 4 nerved; style 4-angled; stigmas elongate, and
very-oblong, with 2 nerved; base of style 4-angled, with 4
nerved. — C. Selectus Purland, Fl. Austral. I. 10. (see Kuhn, loc. cit.)
Purland. I. 10. — Grasses of New Zealand.

L. C. ALBERTI Kuhn & Nees, Austr. plant. Austral. II. 1. 1. 1.
In glomeratis. Glume 4 nerved; involucre subcylindrical; glumes
yellowish brown. Culm 4 nerved; nodes 4-angled. Tiller 4-angled, with
4 nerved. Squamulae elongate-linear, acuminate, entire, with
cells. Style 4-angled; stigmas elongate, and very-oblong, with
2 nerved. — C. Alberti Kuhn & Nees, Austr. plant. Austral. II. 1. 1. 1.
Kuhn & Nees, Austr. plant. Austral. II. 1. 1. 1.

L. C. NERISIANUS Loh. & Nees, Verzeichn. der von K. Zollinger auf Java gesamm-
elten Pflanzen, p. 51. Glume 4 nerved; involucre subcylindrical; glumes
yellowish brown. Culm 4 nerved; nodes 4-angled. Tiller 4-angled, with
4 nerved. Squamulae elongate-linear, acuminate, entire, with
cells. Style 4-angled; stigmas elongate, and very-oblong, with
2 nerved. — C. Nerisianus Loh. & Nees, Verzeichn. der von K. Zollinger auf
Java gesammelten Pflanzen, p. 51.

L. C. BRACHYMERIS N. & E. Linnæus IX. 107. — Culm 4 nerved; spikelets
branched; glume 4 nerved; involucre subcylindrical; glumes
yellowish brown. Culm 4 nerved; nodes 4-angled. Tiller 4-angled, with
4 nerved. Squamulae elongate-linear, acuminate, entire, with
cells. Style 4-angled; stigmas elongate, and very-oblong, with
2 nerved. — C. Brachymeris N. & E. Linnæus IX. 107.

Vertical text on a small paper fragment attached to the right side of the page, possibly a library or collection stamp.

3. *C. THICKES* N. & R. L. c. f. — Culm triquetrus retrofractis nervis, folia
 apicis basi spinulosa caulis multiflorus densissimus, nodis teretes, internodius sub-
 compressis, nodibus 2-4 phyllis scaberrimis, foliis pluribus apicis nodis longi-
 tudine spicula paniculatae phyllis linearibus compressis 4-5 fatis, chlorella breviter

f.

4. *C. TENNISONII* Hook. & Arnot. XXX. 22. 2. — Culm teretibus & retrofractis
 apicibus triquetris, nodis teretibus spinulosis, internodiis sub-
 compressis, nodibus 2-4 phyllis scaberrimis, foliis pluribus apicis nodis

5. *C. MCKENZIEI* Hook. & Arnot. XXX. 22. 3. — Culm teretibus & retrofractis
 apicibus triquetris, nodis teretibus spinulosis, internodiis sub-
 compressis, nodibus 2-4 phyllis scaberrimis, foliis pluribus apicis nodis

1. PACHEN

(Cyperus L. & Kunth. Enumer. II. 2.)

P. LAETEVENS N. & R. in Lohm. Plant. Pines. II. p. 72. 2. — Spicula aggregata

2. GALLEA Parlatore.

Vendone. Galliae botanicae Italiae. II. 1. p. 100.

G.

3. *G. MORGANI* Palumbo l. c. 127. — Culm teres, internodiis sub-
 compressis, nodibus

VI. CHAETOCYPERUS N. & R.

(N. & R. *Linnaea* IX, 205.)

1. *CH. STODOLICUS* N. & R. *Linnaea* XIX, 291. — Culmibus raris, culmis moniliformibus, culmis simplicibus brevibus vel longioribus quadrangulatis, apiculis vel ovali quadratis vel oblongis planatis, squamis ligulis ovatis obtusiusculis basi mucronatis, nervis marginalibus hyalinis albis, nervis pedicellatis squamis basi attenuatis, fasciis liguliformibus pedicellatis mucronatis, ligulis mucronatis et striatis, fasciis distichis albis albidis, nervis obtusiusculis, basi glabra, dentibus glabris, basi mucronatis, nervis mucronatis longioribus simplicibus mucronatis striatis, nervis hypogynis 2 (= 3) striatis. — Pedicellae CA. mucronatis et CA. mucronatis, distichae albae nervis mucronatis longioribus, basi mucronatis, basi mucronatis non mucronatis-distichae, nervis hypogynis pedicellatis mucronatis striatis, squamis perispermatis singulis punctis, basi mucronatis. A CA. mucronatis longioribus raris basi mucronatis et nervis longioribus $\frac{1}{2}$ — $\frac{3}{4}$ pedicellae, nervis mucronatis cum mucronatis, striatis, basi mucronatis, nervis raris. — Cuius in Mexico.

VII. SCIRPUS N. & R.

(N. & R. *Linnaea* IX, 207 & 207.)

1. *SC. CILIATUS* N. & R. *Linnaea* IX, 207, 207, 207. — Culmibus raris, culmis simplicibus brevibus vel longioribus quadrangulatis, apiculis vel ovali quadratis vel oblongis planatis, squamis ligulis ovatis obtusiusculis, basi mucronatis, nervis marginalibus hyalinis albis, nervis pedicellatis squamis basi attenuatis, fasciis liguliformibus pedicellatis mucronatis, ligulis mucronatis et striatis, fasciis distichis albis albidis, nervis obtusiusculis, basi glabra, dentibus glabris, basi mucronatis, nervis mucronatis longioribus simplicibus mucronatis striatis, nervis hypogynis 2 (= 3) striatis. — Pedicellae CA. mucronatis et CA. mucronatis, distichae albae nervis mucronatis longioribus, basi mucronatis, basi mucronatis non mucronatis-distichae, nervis hypogynis pedicellatis mucronatis striatis, squamis perispermatis singulis punctis, basi mucronatis. A CA. mucronatis longioribus raris basi mucronatis et nervis longioribus $\frac{1}{2}$ — $\frac{3}{4}$ pedicellae, nervis mucronatis cum mucronatis, striatis, basi mucronatis, nervis raris. — Cuius in Mexico.

2. *SC. PLEUROSTACHYUS* N. & R. *Linnaea* IX, 207, 207, 207. — Culmibus raris, culmis simplicibus brevibus vel longioribus quadrangulatis, apiculis vel ovali quadratis vel oblongis planatis, squamis ligulis ovatis obtusiusculis, basi mucronatis, nervis marginalibus hyalinis albis, nervis pedicellatis squamis basi attenuatis, fasciis liguliformibus pedicellatis mucronatis, ligulis mucronatis et striatis, fasciis distichis albis albidis, nervis obtusiusculis, basi glabra, dentibus glabris, basi mucronatis, nervis mucronatis longioribus simplicibus mucronatis striatis, nervis hypogynis 2 (= 3) striatis. — Pedicellae CA. mucronatis et CA. mucronatis, distichae albae nervis mucronatis longioribus, basi mucronatis, basi mucronatis non mucronatis-distichae, nervis hypogynis pedicellatis mucronatis striatis, squamis perispermatis singulis punctis, basi mucronatis. A CA. mucronatis longioribus raris basi mucronatis et nervis longioribus $\frac{1}{2}$ — $\frac{3}{4}$ pedicellae, nervis mucronatis cum mucronatis, striatis, basi mucronatis, nervis raris. — Cuius in Mexico.

3. *SC. MEXICANUS* N. & R. in *Linnaea*, *Flora* *Prodr.* IX, 207, 207. — Culmibus raris, culmis simplicibus brevibus vel longioribus quadrangulatis, apiculis vel ovali quadratis vel oblongis planatis, squamis ligulis ovatis obtusiusculis, basi mucronatis, nervis marginalibus hyalinis albis, nervis pedicellatis squamis basi attenuatis, fasciis liguliformibus pedicellatis mucronatis, ligulis mucronatis et striatis, fasciis distichis albis albidis, nervis obtusiusculis, basi glabra, dentibus glabris, basi mucronatis, nervis mucronatis longioribus simplicibus mucronatis striatis, nervis hypogynis 2 (= 3) striatis. — Pedicellae CA. mucronatis et CA. mucronatis, distichae albae nervis mucronatis longioribus, basi mucronatis, basi mucronatis non mucronatis-distichae, nervis hypogynis pedicellatis mucronatis striatis, squamis perispermatis singulis punctis, basi mucronatis. A CA. mucronatis longioribus raris basi mucronatis et nervis longioribus $\frac{1}{2}$ — $\frac{3}{4}$ pedicellae, nervis mucronatis cum mucronatis, striatis, basi mucronatis, nervis raris. — Cuius in Mexico.

SC. MEXICANUS N. & R. in *Linnaea*, *Flora* *Prodr.* IX, 207, 207.

Cuius in Mexico *Cyperaceae* in *Linnaea*.

IX. FURENA N. & R.

(N. & R. *Linnaea* IX, 207.)

1. *F. SCIRPIDEA* N. & R. *Linnaea* XIX, 291. — Culmibus raris, culmis simplicibus brevibus vel longioribus quadrangulatis, apiculis vel ovali quadratis vel oblongis planatis, squamis ligulis ovatis obtusiusculis, basi mucronatis, nervis marginalibus hyalinis albis, nervis pedicellatis squamis basi attenuatis, fasciis liguliformibus pedicellatis mucronatis, ligulis mucronatis et striatis, fasciis distichis albis albidis, nervis obtusiusculis, basi glabra, dentibus glabris, basi mucronatis, nervis mucronatis longioribus simplicibus mucronatis striatis, nervis hypogynis 2 (= 3) striatis. — Pedicellae CA. mucronatis et CA. mucronatis, distichae albae nervis mucronatis longioribus, basi mucronatis, basi mucronatis non mucronatis-distichae, nervis hypogynis pedicellatis mucronatis striatis, squamis perispermatis singulis punctis, basi mucronatis. A CA. mucronatis longioribus raris basi mucronatis et nervis longioribus $\frac{1}{2}$ — $\frac{3}{4}$ pedicellae, nervis mucronatis cum mucronatis, striatis, basi mucronatis, nervis raris. — Cuius in Mexico.

late, ad internodia subultrioribus rotatis: Eriostachya cavata, internodia squarrosa, non
 saepe compressa, subtillibus subultrioribus cylindricis clavatis, apice truncato, periclysis
 brevibus suffulta. — *Craobh*.

2. **M. VENTRATA** Beauv. *Jour. Bot. Franc.* 11, p. 124, f. 1. — *Caryophyllis*, squarrosa, internodiis
 laevibus, non saepe compressis, subtillibus subultrioribus cylindricis clavatis, apice
 truncato, periclysis brevibus suffulta, non saepe compressis, subtillibus subultrioribus
 cylindricis clavatis, apice truncato, periclysis brevibus suffulta, non saepe compressis,
 subtillibus subultrioribus cylindricis clavatis, apice truncato, periclysis brevibus
 suffulta. — *Craobh* in *Republique Agric. Kail Toth* Franc. *Ann.*
 1810.

3. **M. TRICHOCALAMUS** Beauv. *Jour. Bot. Franc.* 11, p. 124, f. 2. — *Caryophyllis*,
 internodiis laevibus, non saepe compressis, subtillibus subultrioribus cylindricis
 clavatis, apice truncato, periclysis brevibus suffulta, non saepe compressis,
 subtillibus subultrioribus cylindricis clavatis, apice truncato, periclysis brevibus
 suffulta. — *Craobh* in *Republique Agric. Kail Toth* Franc. *Ann.*
 1810.

4. **M. TRICHOCALAMUS** Beauv. *Jour. Bot. Franc.* 11, p. 124, f. 3. — *Caryophyllis*,
 internodiis laevibus, non saepe compressis, subtillibus subultrioribus cylindricis
 clavatis, apice truncato, periclysis brevibus suffulta, non saepe compressis,
 subtillibus subultrioribus cylindricis clavatis, apice truncato, periclysis brevibus
 suffulta. — *Craobh* in *Republique Agric. Kail Toth* Franc. *Ann.*
 1810.

5. **M. LAURICIFORMIS** Beauv. *Jour. Bot. Franc.* 11, p. 124, f. 4. — *Caryophyllis*,
 internodiis laevibus, non saepe compressis, subtillibus subultrioribus cylindricis
 clavatis, apice truncato, periclysis brevibus suffulta, non saepe compressis,
 subtillibus subultrioribus cylindricis clavatis, apice truncato, periclysis brevibus
 suffulta. — *Craobh* in *Republique Agric. Kail Toth* Franc. *Ann.*
 1810.

891. KOZLERIA Link.

(*Koeh. Enum. 3. 26. Suppl. 26.*)

1. **K. COXYLOPHORA** Beauv. *Jour. Bot. Franc.* 11, p. 124, f. 5. — *Caryophyllis*,
 internodiis laevibus, non saepe compressis, subtillibus subultrioribus cylindricis
 clavatis, apice truncato, periclysis brevibus suffulta, non saepe compressis,
 subtillibus subultrioribus cylindricis clavatis, apice truncato, periclysis brevibus
 suffulta. — *Craobh* in *Republique Agric. Kail Toth* Franc. *Ann.*
 1810.

892. DACTYLIS Link.

(*Koeh. Enum. 3. 26. Suppl. 26.*)

1. **D. CAESPIIOSA** Beauv. *Jour. Bot. Franc.* 11, p. 124, f. 6. — *Caryophyllis*,
 internodiis laevibus, non saepe compressis, subtillibus subultrioribus cylindricis
 clavatis, apice truncato, periclysis brevibus suffulta, non saepe compressis,
 subtillibus subultrioribus cylindricis clavatis, apice truncato, periclysis brevibus
 suffulta. — *Craobh* in *Republique Agric. Kail Toth* Franc. *Ann.*
 1810.

899. *FESTUCA* Linn.

(Koch, Enumer. 1. 49. Suppl. 86.)

1. *F. (VULVA) ACINOSATA* Trin., Plant. rar. Sicilia pag. 31. — Panicula apiculata subaequali involucris vixima simpliciter; spicula tetastachya 2-4 floris; calva calvaria superiora densa multo brevior, altera minus; calva corollae superiore glabra subulata, margine basi villosa, striata, acuta dist. tri- quadruplo elongata; calva corollae inferiore multo brevior villosa, liliis setaceis compressis, — Basi straminea, basi compressa, calva 1-2 et vixim radius 1-2 palliata, liliis setaceis glabra, inferius brevissima, superiora vixim vix apiculata simul paniculae basi vixima. Spica vulva truncata, panicula quadriflora 1-15 palliata simpliciter, elongata lobata truncata, pedunculata et striata acuta, spiculae quadriflora 2-4 floris tetastachya brevis, calva calva acuta, superiora breviora, vixim laevissima striata, apicalis communis brevissima densa in articulo vixima cum Basi, calva corollae inferiora striata quadruplo, interior acuta, ad nervum lobata villosa. — Proxima Fulva striata, ad palea distincta. — Cerealis in montibus Sicilia (Sicilia ab. Cisterni).
2. *F. RUCCA* Pres. — Koch, Enumer. 1. 49. — Koch, l. c. 86. no. 31. — *F. lutea* Trin., Proxima Sicilia pag. 31. — Panicula basi vixim subaequali, cum Basi, spicula subquadriflora compressa distincta glabra truncata; calva calvaria superiora densa multo brevior, inferiora vixim quadruplo elongata; calva corollae superiore striata quadruplo elongata, striata, acuta dist. tri- quadruplo elongata, inferiora vixim quadruplo elongata, spica liliata; liliis setaceis compressis truncata. — A spica panicula subaequali basi, spicula distincta subulata distincta. — Cerealis in straminea Sicilia. — Sic. Vixima supra et tollit vixim.
3. *F. (VULVA) RECTIFLORA* N. et K. in Linn. Plant. Proxima II. pag. 31. — Glabra liliata supra truncata, Basi 17-21 longiora striata, margine vixim striata, vixim striata, liliis liliata, rigida liliata. — Cerealis in straminea Sicilia.
4. *F. (VULVA) THURONIANA* N. et K. l. c. lili. — Glabra liliata supra truncata, Basi 17-21 longiora striata, margine vixim striata, vixim striata, liliis liliata, rigida liliata. — Trifloris acutis B. De. — Cerealis in straminea Sicilia (Sicilia ab. Cisterni et ad portum Jackson).
5. *F. (VULVA) LILIATA* Linn. — Trifloris acutis Koch, l. c. 86. no. 31. (sic B. De.) — *Festuca acuta* N. et K. l. c. 86. no. 31.
6. *F. ALBICOMA* C. Koch, Enumer. 1. 49. pag. 5. — Panicula compressa, calva calvaria superiora densa multo brevior, inferiora vixim quadruplo elongata; calva corollae superiore glabra subulata, margine basi villosa, striata, acuta dist. tri- quadruplo elongata; calva corollae inferiore multo brevior villosa, liliis setaceis compressis, — Basi straminea, basi compressa, calva 1-2 et vixim radius 1-2 palliata, liliis setaceis glabra, inferius brevissima, superiora vixim vix apiculata simul paniculae basi vixima. Spica vulva truncata, panicula quadriflora 1-15 palliata simpliciter, elongata lobata truncata, pedunculata et striata acuta, spiculae quadriflora 2-4 floris tetastachya brevis, calva calva acuta, superiora breviora, vixim laevissima striata, apicalis communis brevissima densa in articulo vixima cum Basi, calva corollae inferiora striata quadruplo, interior acuta, ad nervum lobata villosa. — Proxima Fulva striata, ad palea distincta. — Cerealis in montibus Sicilia (Sicilia ab. Cisterni).
7. *F. (VULVA) LONGICORNIS* Trin., Proxima Sicilia pag. 31. — Panicula compressa, calva calvaria superiora densa multo brevior, inferiora vixim quadruplo elongata; calva corollae superiore glabra subulata, margine basi villosa, striata, acuta dist. tri- quadruplo elongata; calva corollae inferiore multo brevior villosa, liliis setaceis compressis, — Basi straminea, basi compressa, calva 1-2 et vixim radius 1-2 palliata, liliis setaceis glabra, inferius brevissima, superiora vixim vix apiculata simul paniculae basi vixima. Spica vulva truncata, panicula quadriflora 1-15 palliata simpliciter, elongata lobata truncata, pedunculata et striata acuta, spiculae quadriflora 2-4 floris tetastachya brevis, calva calva acuta, superiora breviora, vixim laevissima striata, apicalis communis brevissima densa in articulo vixima cum Basi, calva corollae inferiora striata quadruplo, interior acuta, ad nervum lobata villosa. — Proxima Fulva striata, ad palea distincta. — Cerealis in straminea Sicilia (Sicilia ab. Cisterni).
8. *F. (VULVA) PUGIATA* Koch, II. Enumer. 1. 49. — *Festuca acuta* N. et K. l. c. 86. no. 31. — Glabra liliata supra truncata, Basi 17-21 longiora striata, margine vixim striata, vixim striata, liliis liliata, rigida liliata. — Cerealis in straminea Sicilia.

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14. P.

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15. P.

var. s.

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culm. 7. spicula majoribus, glanis paleisque latioribus, palea inferiori apice mucronata subaristata integra vel obscure trifida.

culm. 8. spiculae apices majoribus, palea inferiori acuminata pungente trifida.

culm. 9. spiculae minoribus, glanis angustioribus, palea inferiori apice bifida raris breviter aristata vel molli.

- culm. 10. spiculae hirsutae, glanis latioribus, palea inferiori apice trifida, nunquam aristata.
- Crescunt ad litora Magellanica, Bernia Island, Falkland Islands etc.
1. *Tr. (BRACHYPODIUM) SUBTILE Fock. & Mey. Ann. sc. nat. 24. Ser. 1 V. 20. — *Trachypodium subtile* Hook. *Genera. ex Ind. bot.* Lips. 1842.
2. Tr. (AGROPYRUM) SCIEPEUM Presl. tab. 171. — β . gracile Flors, *Plant. rarior. 4* silus pag. 24. — Spica gracili crassa; rachide ad marginem aculeato-areolato apice remote haerens lanceolata 4-5-linea molli; valva callosa mucronata mucronato, valva ovalis exteriori obtusa mucronata, nervis lateribus per partem approximatis; folia angustissima lanata, radice subrepente. — Spicae per antheram sativa variabiles, valva uni-quadripedales, single binariis geminis; lobi de basi vel angustissima, demum saepe aristata; spica 1-3-pedunculata; spiculae 4-12-lineas oblongas ovato lanceolatas vel lanceo lanceolatas. γ . — Culm. 10. glanis hirsutis ad Panormum Mendicis Neillan.
4. Tr. (AGROPYRUM) TOURNEFORTII Savignone, *Flora [R. Z.] 1847. p. 20.* — Culm. hirs. vagin. trita, inferioribus pilosis, superioribus pubescentibus; folia inferioribus pilosis, superioribus glabris, margine ciliato-areolato; spica oblonga, rachide striata, areolis apicalibus subquadratis adpressis 2-3-pedunculatis; glanis raris ovato-oblongis, spica truncato mucronata, quinque- sexnervis pubescentibus; valva callosa ovato-oblonga, spica breviter aristata mucronata; lobi raris ovato-oblongis, spicula terminali sterili, glomulis valva exteriori longioribus ovatis, spicae subquadratis, areolato-areolata. — Crescit ad litora.
5. Tr. (AGROPYRUM) LIGESTRUM Savignone l. cit. — Culm. hirs. vagin. hirs. glabris; folia glabra, margine ciliato-areolato; spica 1-2-pedunculata; rachide striata apicalibus subquadratis adpressis breviter; glanis raris ovato-oblongis, spica truncato mucronata, quinque- sexnervis pubescentibus; valva callosa ovato-oblonga, spica breviter aristata mucronata; lobi raris ovato-oblongis, spicula terminali sterili, glomulis valva exteriori longioribus ovatis, spicae subquadratis, areolato-areolata. — Crescit ad litora.

915. FLYNNUS Linn.

(Koch. Enumer. 1. 442. Suppl. 288.)

E. ANTARCTICUS Hook. fil. *Antarct. Voy. of Terra and Erebus etc.* — Culm. glaberrimus; palea apicaliter haerens oblonga, apicalibus hirs. areolato-areolata, glanis subquadratis mucronatis; rachide subquadratis integris vel hirs. mucronatis; lobi raris ovato-oblongis, spica truncato mucronata; valva callosa mucronata mucronato, nervis lateribus per partem approximatis; folia angustissima lanata, radice subrepente. — Culm. hirs. vagin. hirs. glabris; folia glabra, margine ciliato-areolato; spica 1-2-pedunculata; rachide striata apicalibus subquadratis adpressis breviter; glanis raris ovato-oblongis, spica truncato mucronata, quinque- sexnervis pubescentibus; valva callosa ovato-oblonga, spica breviter aristata mucronata; lobi raris ovato-oblongis, spicula terminali sterili, glomulis valva exteriori longioribus ovatis, spicae subquadratis, areolato-areolata. — Crescit ad litora.

917. HORDEUM Linn.

(Koch. Enumer. 1. 451. Suppl. 288.)

1. H. FRAGILE Boiss. *Diagn. pl. nov. orient. VII. 127.* — Culm. glaberrimus; radice hirs. vagin. hirs. glabris; folia glabra, margine ciliato-areolato; spica 1-2-pedunculata; rachide striata apicalibus subquadratis adpressis breviter; glanis raris ovato-oblongis, spica truncato mucronata, quinque- sexnervis pubescentibus; valva callosa ovato-oblonga, spica breviter aristata mucronata; lobi raris ovato-oblongis, spicula terminali sterili, glomulis valva exteriori longioribus ovatis, spicae subquadratis, areolato-areolata. — Crescit ad litora.

glulis elongatis scabellis, summa subamplicata apicem leviter curvata, ligula nulla, limbo convolato rigido tecto apicem aequante vel superante striato scaberrimo; spica terminali locum disticha arista divergentibus dactyliformi, rachis hirsuta fraxillibus; spiculis quaternis, terminali latiuscula, omnibus hermaphroditis; glumis aristatoformibus subulato subtriquetris scabris, lepidacram hexaphyllum referentibus; spicula scabra cum rudimento furis secundi aristatoformi apice minime subapiculata; palea exteriori angulata convoluta, apice in aristas scabram inferne plura-triquetram quadruplo longiorum attenuata, inferioste bicarinata scula aequali longa, ad curvaturam leviter. — Crescit in monte Sahat Buschom prope Schiras in Persia.

2. H. PURIFLORUM Hook. et Ardet. Voy. et Ternat and Lecq. 288. — Spica oblonga; glumis aequalibus, omnibus setaceis, basi pubescentibus, superne scaberrimis; fasciculis lateralibus neutris, intermediis basi setula mucis; palea inferiore scaberrima pilosa hirsutata arista glumis aequalibus, terminata; foliis nullis longe vaginatis, radicalibus acaulis. — Radix fibrosa subsessilis. Culmi 3—10 ann. alti, basi inclinati, glaberrimi. Folia radiata parva, vagina mucosa glaberrima vel obscure pilosa, limbo scaberrimo leviter hirsuta, exaliostrum vaginam elongatam fimbriatam, lamina brevissima subulata. Spica 1½-antialia fere purpurea. Glumae ½-antiales teretes, basi distichae scaberrime, palli brevibus intermediis vestiti. — Crescit ad fretum Magella-
 •it)or pi
 •tana. I Part Famae.

918. AEGILOPS Linn.

(Kath. Enumer. I. 452. Suppl. 371.)

1. A. TRIPSACOIDES Zisch. & Spack. Illustr. pl. orient. II III. p. 1. 200. — Radix fistulosa. Culmi 1—1½-pedales caespitosa ascendentes graciles glaucocanules, inferum nodosi (nodis 1—2 approximat), caeteram cespitosi. Foliarum vaginam striatae, internodi longiores scabrae, utrimque glabra, 2—4 pallida longa, ligula abbreviata truncata pilosa, lamina 6—11 linearis longa, apicem pilosa arista, in foliis inferioribus expansa, in superioribus convoluta, pungens. Spica 4—6 pallida longa rigida, rachis articulata, articulis extrorsis, foliis serotinis. Spiculae dactyli parallelae.

W. glumae articulis subaequales, superiores articula protractis brevioribus 3-locis. Flores albis; bracteis pedicellatis, hermaphroditis, exceptis supremis tuberosis. — glulis apice hirsuta. Glumae duae subaequales carinatae 3-vel 4-locis, apice haecqualiter tridentatae, dentibus pungentibus, lateralibus medio brevissimis nullo majore, costae centrali albidis dense hirsutis. Paleae 2 oblongae obtusae haecqualiter. Palea inferior carinata, basi hirsuta quadrangula, apice modo dentata vel trita, modo hirsutissima. Palea superior inferiori paulo minor membrata, glabris bicarinata, carinae centrali. Squamulae hypogynae duae membratae lanceolatae subulatae, basi longitudine aequales. Stamina et plumbum geminis. Achasium

♀. spicula glabra. — Crescit in Phrygia ad thermas Hieropolitanae.

2. A. KOTSCHYI Boiss. Diagn. plant. orient. ser. VII. p. 123. — Praeter omnia vaginam pilosula glabra; spica cylindrica breviter tecta; spiculis 2—4 amplexu, spiculis subulatis, **ivHM »4 ttn** in scabra triangulari, arista fere a basi triseri angula **TM** 1—1-pa longioribus, palea inferiore apice bifida, dactylis quoque antialibus in aristas palea subulatis longiorum attenuatis, arista omnibus calyris subulatisque **<U4** subulatis arista minime divergentibus, palea inferiori obtusiuscula, carinae centrali. — Crescit in Persia australi prope Schiras ad radices montis Sahat Buschom.

3. A. PERSICA Boiss. l. cit. p. 128. — Folia vaginisque ciliatis, limbo mucoso, ligula brevissima, vaginarem ore penicillata pilosa; spica cylindrica breviter tecta; spiculis 2—4 amplexu; spiculis subulatis; glumis ad nervum scaberrimis, caeterum glabris, spiculae inferiorum apice brevissime bifiditate, apicalis terminalis hirsuta tridentata scaberrima glumae quadruplo longiores abbreviatis, latiuscula brevissime in apicalis inferioribus bifiditate, in superiore tridentata semper mucosa, palea inferiori elliptica acutiuscula ad curvaturam ciliata. — Crescit **»4** tuberosa montis Sahat Buschom [1] pro Schiras in Persia.

3-4" (3-4) longa terminalibus glabris, simplicibus multifloris; spica terminalibus sub
baccatis aggregatis (compositis & pedunculatis), articulis multis, glomeris simplicibus la-
tibus baccatis ovatis. — II. glomeratus Trin. siliqua, sed tunc disticha. — Crot-
on in Japan.

3. E. **ASTROPHOROIDES** Steudl. v. p. 22. — Culms geniculata (glaberrima) glabra,
nuda scabra pilosa, vaginis subtransversalis glabris; ligula membranacea apice ciliata;
culm. baccatis serratis glabris brevibus compositis 12-17" longis, 2-4" latis;
spica terminalibus pediculis (pedunculatis), thalci, pediculis glabrisque villosis; pe-
diculis basi articulis compositis vel simplicibus baccatis, apicibus baccatis (baccatis) vel
baccatis, glomeris simplicibus baccatis terminalibus lato ovatis, margine membranaceo; vel
vel simplicibus simplicibus, articulis baccatis pediculis simplicibus. — Crotch in Japan.

Tribe XIII. **ANDROPOGONEAE** Kuhn. l. c. 470.

535. NYRIACHAETA Zoll. & Mor.

(Bot. & Hort. System. Verrucaria, det von H. Zollinger & Mor. in **Monatsh. Pflanzenk.**
1847, p. 101.)

Spiculae biflorae baccatas simplicibus, Bractae exteriores (glabrae
subulatae p. l. art.) 2, ... base subhyalinae. Flax in-
ferior venter subulata. ... acuminata carinata. Flax
superior hermaphrodita et ... palea 2 inaequalibus composita,
altéra subulata imberbis **IMITI ha—¹¹ I'**, altéra navicularis, marginibus
superioribus et lateribus serratis, lamellata acuminata, ad angulos laterales
vela longiuscule ciliata, genitalia latiuscula. Peripetala 6, Stamina 2,
antheris oblongo-ovatis superne mucosa. — Basis. O utrum ex apice stylis
2 parvis, filigine longis (plumosa & pilosa) ? — Gramen argenteo aris-
tatum vel aeneo-fulvum (12-ped.); folia lata ensiformibus magis
puncata serratis simplicibus angustis. — ...

C. & M. **LEHMENWACKA** Zoll. & Mor. l. c. — Crotch in India Java et S. Yesso.

540. KHPH n % t Carl.

(Kuhn. Faunor. l. 67, Suppl. 27.)

1. I. **VERVILLATA** Steudl. Flax (N. 2.) Zoll. p. 22. — Folia glabra simplicibus ve-
l simplicibus glabris; ligula pilosa ovata, glabra simplicibus simplicibus simplicibus
vel 2-4, simplicibus 2-4-pedunculatis; pediculis simplicibus simplicibus simplicibus
vel simplicibus simplicibus simplicibus simplicibus simplicibus simplicibus simplicibus
simplicibus; stylis glomeris simplicibus simplicibus simplicibus simplicibus simplicibus
simplicibus. — Crotch in Japan.

545. PNI-1 < POGON Steudl.

(Botch. Flora [N. 2.] Zoll. p. 22.)

Spiculae geminatae confertae, altéra pedunculata, atraxo villosa
fertile, florentia varisquis bivalvi **km** hermaphrodita (vel masculis fertori-
stempae spicula biflora. Rosula ... ovata, inferior venter, super-
rior hermaphrodita). Calyx bivalvis, gloma inferior 6 nervis lamel-
lata acuminata, ... **4k* M MiMnitiU, . * . .** altéra ensiformis, margi-
nibus serratis, superior inaequalis parte angustior acuminatissima, cari-
nata convexa, subtrivialis; palea basali inferior lamellata hya-
lina univialis, apice integra vel brevissimè bifida, nervo in aristas ter-
tissimas vix vel non tertissimè spiculae parte longiorum excurrente; palea
superior (ut est basalis venter) hyalina univialis; stamina **i . .**; stylus
tit..* bivalvis, filigine longis pedunculato-plumosa; lodiculae duae curva-
tae, apice emarginatae.

*) PA. CAPENSIS Richd. l. 61. — CurtK U Pungentibus bonae spei.

GEN. ANDROPOGON Linn.

(Kath. Exsicc. 1. 66. Decr. 1863)

1. A. CAESPITOSUS Martens. Flors. II. 2. 1868 p. 118. — Culmibus teretibus...

2. A. EXCAVATUS Martens. C. 1. 118. — Culmibus teretibus...

XII. RA...

3. A. ... Martens. C. 1. 118. — Culmibus teretibus...

4. A. ... Martens. C. 1. 118. — Culmibus teretibus...

5. A. ... Martens. C. 1. 118. — Culmibus teretibus...

6. A. ... Martens. C. 1. 118. — Culmibus teretibus...

7. A. ... Martens. C. 1. 118. — Culmibus teretibus...

8. A. ... Martens. C. 1. 118. — Culmibus teretibus...

GEN. TRACHYPOGON S. & R.

(N. et R. in Mart. Fl. Decr. 2. 111.)

1. TR. ... S. & R. in Mart. Fl. Decr. 2. 111. — Culmibus teretibus...

sepala integra lanceolata subrecta glandulosa-hisida, basi calycis uncinis supra et
 infra clavatis; stella longe exserta in columnam glabram compressam non tamen connatam
 in $\frac{1}{2}$ — *R. multiflora* Thunberg, *officina*, *Arvensis* tantum pedunculata loco filiformi non
 squamulata per se habet glandulosa et pruriginosa calycis filum longe ultra basin
 usque ultra staminis clavato. Flores parvi albi simplices. — Crescit in Japonia.

Fig. 254. no. 39. *RUBUS THUNBERGII* Sieb. et Zucc. *Abhandl. d. math. physik. Klasse d. Königl. Bayer. Akad. d. Wissenschaft.* IV. 3. p. 125. — *Naturalium*: calyx pro-
 nunciatum, sepalis ovatis vel renatis; foliis ternatis vel quinis pinnatis, ciliatis late
 reflexis serratis, serrulatis plerumque majoribus longius petiolatis, nervis ellipticis ac-
 tis vel serratis, nervis plerumque densis serratis, utique villosis, lobis linearibus; pe-
 talis acuminatis; stipulis lanceolatis acuminatis. Petalis nullis vel rudibus; pedunculis
 in longis simplicibus; calycis tubulo anguste immixto longius acuminato villosis
 petalis ovatis obtuse recurvatis. $\frac{1}{2}$ — *R. glabra* Thunberg. — Varietates sunt
 hinc et inde. Flores magis ultra pedunculatos. *Locus* deest *Japonia*. — *Carpologia* non
 notata. — Crescit in Japonia.

Fig. 255. no. 40. *RUBUS HEDYOTII* Sieb. et Zucc. l. c. p. 127. — *Fructibus*: calyx
 glaber aculeis spicatis ovatis acutis; ramulis, petalis pedunculatis perispermatis,
 lobis a basi cordatis subrectis-obovatis quinquifidis, lobis lateraliibus majoribus, lobis
 chordatis, ciliatis ovatis acutis ad basin usque interruptis serratis, ad apicem pinnatis
 serratis glabris; stipulis linearibus lanceolatis; pedunculis acuminatis ciliatis non
 longe quam pediculis brevioribus, lobis ovatis lanceolatis acuminatis, utique lobis
 majoribus villosis, quos prole ovata ovatis brevioribus $\frac{1}{2}$ — *R. hederifolius* Thunberg. —
 A Thunbergii descriptione *R. hederifolius* hinc magis majestatis et petalis longis
 apertissimis, non nisi pedunculatis quam pediculis brevioribus. Petalis nullis vel
 parvis longius acuminatis, lobis hinc 2—3 longis et lobis, quos prole ovata ovatis
 glabris, lobis lateraliibus majoribus. Pedunculis 3—5 longis prole hinc; acuminatis
 ciliatis magis interruptis. Flores magis, dimeter pedunculati et quod exsertis nullis
 sunt. Petalis ovatis obtusis. — Crescit in Japonia.

Fig. 256. (3. 6.)

5354. *SIYERIA* H. B.

(Wight Report, V. 28.)

1. *S. D.* *INDICA* Sieb. et Zucc. *Abhandl. d. math. physik. Klasse d. Königl. Bayer. Akad. d. Wissenschaft.* IV. 7. p. 125. — *Naturalium*: calyx basi fixatus, prole longius
 non immixtus; lobis pinnatis plerumque 7-fidis, lobis a basi cordatis
 oblongis angulis in basi serratis, utique glabris, lobis majoribus linearibus; stipulis
 ovatis; sepalis ovatis acuminatis; petalis subulatis angulis calycis lobis non
 immixtis longius; bracteis linearibus acutis vel truncatis spicis subulatis;
 stella in fructu longius plerumque $\frac{1}{2}$ — *Sis*, abundantius prole, lobis ovatis
 acuminatis, ciliatis hinc, petalis ovatis calycis lobis longius. — Crescit
 in Japonia.

Fig. 257. (3. 6.)

5357. *CHWANIA* G. Don.

(Wight Report, V. 29.)

1. *C. FURCATA* Sieb. et Zucc. *Abhandl. d. math. physik. Klasse d. Königl. Bayer. Akad. d. Wissenschaft.* IV. 2. p. 1. tab. 2. — *Fructibus* immixtis: ramulis
 hinc, lobis pinnatis plerumque 7-fidis, lobis a basi cordatis oblongis angulis
 ovatis ovatis vel 2—3 lobis, utique serratis glandulosis hinc, lobis a
 basi serratis, lobis majoribus linearibus; stipulis hinc ovatis, utique lobis
 linearibus; lobis linearibus acuminatis subulatis; calycis hinc acutis; lobis
 prole vel pediculis $\frac{1}{2}$ — Crescit in Mexico.

Ordo LXXVI. PONACEAE.

Fig. 258. no. 1. *CRATAEGUS ALNIFOLIA* Sieb. et Zucc. *Abhandl. d. math. physik. Klasse d. Königl. Bayer. Akad. d. Wissenschaft.* IV. 2. p. 125. — *Fructibus*: lobis a basi

... (faint botanical description text)

2. *CRISTATUS CINEOLA* Sch. et Zucc. l. c. — Spicis: ramis divaricatis ellipticis; ... (faint botanical description text)

Fig. 28. **STA. STELLATA** List It. MA (Wigna Report II. 81)

1. *STE. DIGNA* Sch. et Zucc. Abhandl. der math. physik. Klasse der Königl. Bayer. Akad. der Wissensch. 9. 3. p. 128. — Folia breviter petiolata elliptica, utrinque ... (faint botanical description text)

Olio **IXIX** Ollf JHEIUE.

Fig. 29. **STA. STELLATA** (DC. Prodr. II. 64. (Wigna Report II. 81))

1. *C. STELLATA* Sch. et Zucc. Abhandl. d. math. physik. Klasse d. Königl. Bayer. Akad. d. Wissensch. 13. 2. p. 134. — Zovta tenuis: ramis brevibus ellipticis ... (faint botanical description text)

apertius imbricatis lobis... longis apertis... ciliis... glandulis... flosculis... tubis... cactaceis... glandulis... tubis... cactaceis... glandulis... tubis... cactaceis...

24. ECHINOCACTUS SANDILLÓN Gay, Fl. Chil. III, 11. — Singulis... flosculis... glandulis... tubis... cactaceis... glandulis... tubis... cactaceis...

Fig. 25. 2. CERESUS QUINCOYI Gay, Fl. Chil. III, 18. — Kermes... glandulis... tubis... cactaceis... glandulis... tubis... cactaceis...

XVI. OPU... (Wign. Report. R. 48. V, 811.)

1. G. OVALLE Gay, Fl. Chil. III, 20. — Dente... glandulis... tubis... cactaceis... glandulis... tubis... cactaceis...

Ordo CIL RIBISUCEA1

Fig. 26. 1. RIBES FANUCULATUM Cho. et Zucc. Abhandl. der math. physik. Klasse d. Königl. Bayer. Akad. d. Wissensch. IV, 2, p. 181. — Flosculis... glandulis... tubis... cactaceis... glandulis... tubis... cactaceis...

2. RIBES VILLOSUM Gay, Fl. Chil. III, 21. — Flosculis... glandulis... tubis... cactaceis... glandulis... tubis... cactaceis...

Ordo I'III SAXIFRAGACEAE

Fig. 27. 1. SAXIFRAGA CORTUSAEFOLIA Sch. et Zucc. Abhandl. der math. physik. Klasse der Königl. Bayer. Akad. der Wissensch. IV, 2, p. 181. — Flosculis... glandulis... tubis... cactaceis... glandulis... tubis... cactaceis...

Pag. 361.

Ordo LXXXVI ALANGIÆÆ DC.

DC. Prodr. III. 308. — Wigt. Report. bot. 1844. I. 188. II. 104. V. 231.

6097. MARLEIA Nash.

(DC. Prodr. IV. 261. — Wigt. II. 156. et 673.)

I. M. PLATANIFOLIA Nash. et Zucc. Abhandl. der math. physik. Klasse der Königl. Bayer. Akad. d. Wissenschaft. IV. 2. p. 134. — Folia + basi cordata palmatis serratisque lobatis, lobis ovatis ellipticis vel oblongis cuspidatis integerrimis, nervis reticulatis pagis folii superioribus glatis, inferioribus pubescentibus ut in axillis venarum supra lobum latis; pedunculis parvis 3-4-lobis. — H. barbatus K. Br. prostratus, sed hinc ad axillam integris vel irregulariter 3-lobis. lobis brevibus, pedunculis multibus dichotomis divaricatis, bases deorsum monites. — Crescit in Japan.

Ordo XCV. LOASEÆ

Pag. 378. no. 2. *MICROSPERMA BARTONIOIDES Wigt. Report. V. 177. et 178. Eucnide bartonioides Zuccar. Abhandl. der math. physik. Klasse der Königl. Bayer. Akad. der Wissenschaft. IV. 1. tab. 1.

Ordo XCVII. PORTULACÆÆ

Pag. 381.

5174. PORTULACA Tournet.

(DC. Prodr. III. 251. — Wigt. Report. II. 223. et 224. V. 281.)

I. P. ROSTELLATA Bignoni & Hemsbeck. Des. exim. acad. Bonon. VII. 365. f. 114. h. — Caulis erectus subterrene, superne ramis corymbosis, lobis trifloris ovatis apiculatis, superioribus oblongis aculeatis marginatis; floribus terminalibus 1-2-axi axillibus; pediculis multatis stylis. II. — Affinis P. mirabilis L., sed foliis erectis, nervis non reticulatis et foliorum axillis barbatis diffusis, a P. mirabilis K. B. Knob. foliis alternis barbatis distinctis. — In Brasilia.

Ordo CI. CACTEIL

Pag. 384. no. 21. ECHINOCACTUS ASTERIANUS Nash. et Zucc. Abhandl. d. math. physik. Klasse d. Königl. Bayer. Akad. d. Wissenschaft. IV. 2. p. 13. tab. 3. — Hemisphaerice aculeata: angulis convexis pilis depressis, sulcis interjectis tenuibus, areolis orbicularibus intercalatis basi hemisphaerice albida vel limba, I-II in vaginis anguli dorsi in dorsi positione, albida tantum novellis floriferis, epidermide cinereo-violacea, undique verrucis minutis + lani brevissima conchatis alba. — Caulis hemisphaerice vertice parvo impresso, plerumque octo-vario septangulatis crassis robustis, 1-2 circiter altis, 4-5 in diametro. III. — MC<II convexo-plani, sulcis areolis ad partem procalli dispositi, plerumque 8 radiis 7. Scaberrime non spinulose laevi undique at .. Atropophyte nigricante parvis areis verrucis albis + lani brevissima laevi conchatis et epidermidis foveolis insertis albis. Areolae in medio angulorum dorsi unitariae, in planta adulta 5-11 " y ovata angulo, 3" circiter a se invicem distantes. Imr t>*f><, Itk> i rivi subide albis tanquam albae. Flores ex areolis novellis indeque in vertice plantae parum impresse angulorum ... basi ovato albae hinc C. ... plantae in tubum tubuliformem contracto, apice in laevem ... Bracteae tubum calycis ab una basi venticuliferae numerosissimae, inferiores divaricatae

pluribus longioribus brevioribus prominentibus acrostichis. — Stipulae in apice, ovales
 nullae. Folia radicalia petiolata, petiolis 6" longis, basi ad apicem latius plicis longis
 rotatis raris, lamina ovata, IN—2" longa et lata, 2—3 lobis, lobis ovato-oblongis
 ac obtusis, raris et inaequaliter dentatis serratis. Nervi petiolari et vitiis, crassis
 rarisque 11—impunctis multibus, basi compressis, petiolis 30—40 nervis longi
 adhaerentibus, petiolis longioribus 2—5" longis anguste lanceatis, utrinque appressis
 nervis, breviter angustatis apiculatis, caulis lobis ovatis longioribus, Nervi
 lata et utrinque plicata. — Crecit in Japonia.

Fig. 27. 3544. **HOVEIA** Merr. & Don.

(Wiggen. Report, bot. H. 212.)

1. H. TOWNSENDII Hook. et Thunb. Akkad. d. north, physik. Klasse & Koenig. Ind. Akad. d. Wissenschaft. IV. 2. p. 178. — Folia tripinnatifida, lobata & basi extendita vel subcordata raris serratis ovato-lanceolata immixta, angulis dupliciter serratis lobis terminalibus pinnatis longis petiolatis; ovula ovata subquadrata longis apiculatis; nervis compressis, raris solutis cylindricis; caulis latus 2. — *Sylvestris Arborescens Thunb.* — Habitat perenne habitans Jap. Trami nulla longis lobis ovatis *H. japonica* Thunb. et cum Thunbergii descriptione affinis existens. Rerum et specie H. *Agavea* Merr. & Don. folia nulla majuscula, subcordata cum ovato-lanceolata lobis longioribus et lobis ovatis 7" longis, 1" latis, raris prominentibus cum nervis, basi pinnatis extenditis, acrostichis serratis in lobis longis ovatis lobis terminalibus, lobis raris 2—5" ad lobis terminalibus basi dentatis. Folia petiolata longioribus, lobis ovatis 2—5" ad lobis terminalibus basi dentatis. Folia petiolata longioribus, lobis ovatis 2—5" ad lobis terminalibus basi dentatis. — Crecit in Japonia.

Fig. 28. 4538. **VALDIVIA** Gay.

(Gay, Fl. Chil. III. 41.)

Calycis tubus **CB»** aris crenatis, limbo quinquefiduo
 ralis petala 3—7 perigyna, calycis limbo inserta lanceolata
 perigyna; filamenta subulata, antheras oblongas, longitudine
 brevitas. Ovarium inferum trilobatum, placenta
 viti, angulo centrali sessilibus multilocularibus
 stigma exsertatum trilobatum. Capsula infera
 circumscissa trilobata dehiscens. Nervi
 densitate striata; chlorem stragulam; umb
 manifestis.

3. **CAYA** Remy non in Gay 1.
 petalis ad
 vitiis longis

Fig. 29. 4. **ENCALLONIA** WITTENBERGII Remy non in Gay, Fl. Chil. III. 41.

— Remy non in Gay 1.
 viti, lobis
 raris glandulis

5. **ENCALLONIA**
 vitiis
 utrinque

6. **ENCALLONIA**
 utrinque
 ovula

7. **ENCALLONIA**
 ovula
 ovula

8. **ENCALLONIA**
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Ordo CIV. UMBELLIFERAE.

- Fig. 103, no. 2. *HYDROCOTYLE MARCHANTIOSCHES* Choisy Gay, *Flor. Chilens.* III. 71. 2. — *Fruticosa sempervirens, ad radice radice bipolita; folia pedunculata, ovata-oblonga, serrulata 3-7 lobata, venulata, petalis 1/2-1 pedicellatis bifloris, pedunculis petalis longioribus, antheris; capitula terminalia sessilibus globosis 2-12 floris; involucris trifloris 3-5 floris.* — In Chili provincia Valdivia.
- Fig. 104, no. 2. *HOWLENSIA NERIPEPALA* Choisy Gay, *Flor. Chilens.* III. 71. 2. — *Tota planta stellata, caespitosa, caulis teres, inferius subulicatus cretus simpliciter aut cretus dichotomis 2-3 lobatis, folia subsessile, longioribus pedicellatis ovata, venulata, serrulata, 3-4 crenata lobata, lobis integris, obtusis, nervis venulae, nervis cum nervis plerumque terminalibus, umbellis terminalibus 2-4, bracteis pedunculatis, 2-3 floris, bracteis pedicellatis inferius quatuordecim angulatis, bracteis, petalis parvis, in nervis simpliciter; fructus valde complanatus pili stellatis ferrugineis obtusis.* — *Altius B. lobata et B. incana.* — Crescit in Chili.
3. *HOWLENSIA EXEANS* Choisy Gay l. c. 70. 2. tab. 26. — *Planta stellata caespitosa, fruticosa cretus ad angulos, caulis teres, inferius subulicatus cretus simpliciter, folia subsessile, longioribus pedicellatis ovata-oblongis, serrulata, 2-3 lobata, lobis obtusis 2-3 lobatis. Fructus exsertus cum, nervis serrulatis, nervis simpliciter; petalis parvis; pedunculis 2-12 floris, fructus densis stellatis pilosis.* — *Exeans in Chili in Cordillera de Coquimbo.*
4. *HOWLENSIA ELATA* Choisy Gay l. c. 71. 2. — *Fruticosa; caulis erectus simpliciter, basi simpliciter late subulicatus, teres, caulis, nervis 2-3 lobatis, nervis simpliciter, folia subsessile, longioribus pedicellatis ovata-oblongis, serrulata, 2-3 lobata, lobis obtusis 2-3 lobatis. Fructus exsertus cum, nervis serrulatis, nervis simpliciter; petalis parvis; pedunculis 2-12 floris, fructus densis stellatis pilosis.* — *Exeans in Chili in Cordillera de Coquimbo.*
5. *HOWLENSIA TRIPARTITA* Choisy Gay l. c. 71. 2. — *Fruticosa caespitosa, pili stellatis simpliciter, nervis simpliciter petalis erectis, fructus densis stellatis pilosis; folia subsessile, longioribus pedicellatis ovata-oblongis, serrulata, 2-3 lobata, lobis obtusis 2-3 lobatis. Fructus exsertus cum, nervis serrulatis, nervis simpliciter; petalis parvis; pedunculis 2-12 floris, fructus densis stellatis pilosis.* — *B. tripartita Choisy, Expositio Hook. — Wiggins Report, p. 26, no. 2. — B. n^o 11. — wif** * *. ^ * n. 1. — Chili.*
- Fig. 105, no. 1. *AZOBELLA MONTANENSIS* Choisy Gay, *Flor. Chilens.* III. 72. 2. — *Fruticosa caespitosa, caulis teres, inferius subulicatus cretus simpliciter, folia subsessile, longioribus pedicellatis ovata-oblongis, serrulata, 2-3 lobata, lobis obtusis 2-3 lobatis. Fructus exsertus cum, nervis serrulatis, nervis simpliciter; petalis parvis; pedunculis 2-12 floris, fructus densis stellatis pilosis.* — *Altius B. n^o 11. — wif** * *. ^ * n. 1. — Chili.*
6. *AZOBELLA MANDRAGONICA* Choisy Gay l. c. 72. 2. — *Fruticosa caespitosa, caulis teres, inferius subulicatus cretus simpliciter, folia subsessile, longioribus pedicellatis ovata-oblongis, serrulata, 2-3 lobata, lobis obtusis 2-3 lobatis. Fructus exsertus cum, nervis serrulatis, nervis simpliciter; petalis parvis; pedunculis 2-12 floris, fructus densis stellatis pilosis.* — *Altius B. n^o 11. — wif** * *. ^ * n. 1. — Chili.*
7. *AZOBELLA HIMALAYANA* Choisy Gay l. c. 72. 2. — *Fruticosa caespitosa, caulis teres, inferius subulicatus cretus simpliciter, folia subsessile, longioribus pedicellatis ovata-oblongis, serrulata, 2-3 lobata, lobis obtusis 2-3 lobatis. Fructus exsertus cum, nervis serrulatis, nervis simpliciter; petalis parvis; pedunculis 2-12 floris, fructus densis stellatis pilosis.* — *Altius B. n^o 11. — wif** * *. ^ * n. 1. — Chili.*
8. *AZOBELLA TRIPARTITA* Choisy Gay l. c. 72. 2. — *Fruticosa caespitosa, caulis teres, inferius subulicatus cretus simpliciter, folia subsessile, longioribus pedicellatis ovata-oblongis, serrulata, 2-3 lobata, lobis obtusis 2-3 lobatis. Fructus exsertus cum, nervis serrulatis, nervis simpliciter; petalis parvis; pedunculis 2-12 floris, fructus densis stellatis pilosis.* — *Altius B. n^o 11. — wif** * *. ^ * n. 1. — Chili.*
9. *AZOBELLA TRIPARTITA* Choisy Gay l. c. 72. 2. — *Fruticosa caespitosa, caulis teres, inferius subulicatus cretus simpliciter, folia subsessile, longioribus pedicellatis ovata-oblongis, serrulata, 2-3 lobata, lobis obtusis 2-3 lobatis. Fructus exsertus cum, nervis serrulatis, nervis simpliciter; petalis parvis; pedunculis 2-12 floris, fructus densis stellatis pilosis.* — *Altius B. n^o 11. — wif** * *. ^ * n. 1. — Chili.*

ovatus 20-25 lina, involucris lobatis sub 10. oblongis, basi ciliatis, pediculis sub
angulatis.

var. β : pediculis apice 3-5 lobatis, involucri plurimopartitis, lobis ovatis sub
obovatis. Σ - Crecit in Chile et Valdivia.

- 1. **ADORELLA DIVERSEVAGIA** Clav. nov. in Gay l. c. 86. 2 - Folia elongata
lineari, apice 2-3 dentata, basi 2-3 lobis, lobis dentatis vel serratis, medio nervo
perforato plerumq. ad marginem apertis, pediculis lobatis imbricatis, involucri
lobis 20-25 linearibus; involucris lobatis oblongo-ovatis ciliatis. Σ - Crecit in
peltone Chilensi prostratis rutilantibus.

Fig. 331. **4359. MULINUM** Pers.

(DC. Prodr. IV. 78. - Weyer. Repert. II. 261.)

- 1. **R. CRYPTANTHUM** Clav. nov. in Gay, Flor. Chile. III. 86. 2 - Radice
scabra, lignositate compressa; foliis subultratis, basi basi dilatata & sub
membranacea late vaginatis, subula filiformi, apice et apice breviter
lobatis cuspidatis, medio via productis, subula inter folia apertis pluribus
lineis; involucris monophyllis crassilaminis 4-5 lobis; lacinae profunditate longioribus
lobis quibusdam sterilibus. Σ - Crecit in Cordillera Chilensis M. P.
Coyahu.

Fig. 332 no. 2. **ASTERISCHEM POZOGOIDES** Clav. nov. in Gay, Flor. Chile. III. 86. 2

- Radice brevi, caulis simplicis non striatis apertis; foliis lineari-
ciliatis cuspidatis, longioribus pediculis oblongis subultratis sub
lobatis subultratis, apice 4-5 lobatis, 2-3 linearibus, involucris lobatis 5-10
pediculis multo brevioribus, apice utroque subultratis; lacinae profunditate
via 2-3 linearibus. Σ - Crecit in republika Chilensi prostratis rutilantibus.

2. **ASTERISCHEM OENOMALPUM** Clav. nov. in Gay l. c. 86. 2

- Radice brevi, caulis simplicis non striatis apertis, foliis lineari-
ciliatis, lobis subultratis et caulis in lobulatis, longioribus
pediculis, involucris lobatis 5-10 pediculis, pediculis oppositis et
sterilibus, sterilibus 2-3 linearibus, lacinae profunditate longioribus
lobis quibusdam sterilibus. Σ - Crecit in Cordillera Chilensis ad Talcahuco.

Fig. 340. **4370. GYMNOPHYTON** Clav.

(Clav. nov. in Gay, Flor. Chile. III. 86.)

Calyce lobato quinquedentato, dentibus linearibus ciliatis et
subpersistenteribus. Petala unguiculata ovata integra, dorso ovata
in laciniam subaequilongam basique non plerumq. inflexa et subultratis
Fringis ovato-rotundatis seu plicatis cuneatis lacinatis angulis, a dorso
vix compressis. Merispermis tota plana lateraliter in alas parvas
apertis erigatis quibusdam, longis via primariis, rotundis-
2 medio alas subultratis, 2 lateralibus comminutis prolixis. Com-
municata angustissima merispermis longitudinalibus. Semini effectus.

- 1. **G. 261 WIERHALEN** Clav. l. c. 86. 2 no. 22 fig. 1. - Culo subultratis, 4
lobis, lobis ciliatis, lobis ovatis lobatis; foliis lineari-
ciliatis ovatis; lacinae profunditate longioribus pediculis subultratis
prolixis 2-3 linearibus, 2 lateralibus comminutis prolixis, 2
medialibus subultratis. Σ - Dpterygia subultratis Prodr. nov. - Flor. Chile
Chilensis DC. Prodr. IV. 86. - Antheris plurimopartitis Pers. - Weyer. Repert.
II. 27. no. 2. - In Chile ad Coyahu.

- 2. **G. FLEXUOSUM** Clav. in Gay l. c. 86. 2 - Aphellan (epithemum), dorso
subultratis a basi multo brevioribus, lacinae profunditate longioribus
pediculis 4-5 lobis, pediculis subultratis lobatis apertis
pediculis subultratis, merispermis aliis pediculis. Σ - Crecit in Chile ad
Coyahu.

2. *S. FLORENTINUM Cha. ma. in Gay l. c. 184. † — Radicum *distyloides* DC. Fruct. IV. m. — *Distyloides capitata* Presl. nov.

Fig. 102. 4370/4. BCVTUXK Cha.

(Cha. ma. in Gay. Flor. 186.)

Calycis limbus quinque-
nervifera sagittata. lute rotundata, dorso rallo notata, integra et in
lateraliter crassam involuta commixta. Antheri stylopedis destituti filiformes
oblongatae via capitellati. Fructus oblongus prismaticus tetragonus,
facibus concavis. Masticaria dorso canaliculata, antice (ubi semina con-
ferunt) sessiliteris, marginebus crassifimbriatis revolutis, evittata quinque-
fida, jugis tenui filiformibus subaequidistantibus, melleis submarginatis
latis, lateralibus planis commissurali impositis. Columella filiformi capiti-
lata. Umbellae paniculatae simplicis. Lignum polyphyllum.

1. R. CHILENSIS Cha. in Gay l. c. 196. † tab. 21. fig. 4. — Salsum erecta, tota sa-
linitate rursus ramosa, basi simplicis, foliis erectis subplanis, lacina sub-
rotundata, umbellae lateralibus plerumque terminali breviter pedunculata. † — Crescit
in republica Chilensi provincia Conceptionis.

Fig. 103. 4375. DIPPOSIS DC.

(DC. Fruct. IV. 81.)

1. *S. MELIUCASTANUM DC. m. — Cha. ma. in Gay, Flor. Chilens. III. 96. †
tab. 2. fig. 1.

Fig. 104. no. 2. ERYNGIUM HUMIFERSUM Cha. ma. in Gay, Flor. III. 112. †
— Salsum erectum humifertum: radice fibrosa; foliis radiis utraque petiolata
longioribus vel brevioribus, ovatis, ellipticis, pedunculatis et radice longe
superioribus,
Mentha
Crescit in Chili.

2. ERYNGIUM CARDOSUM Cha. in Gay l. c. 113. † — Radices fibrosae, caulis
glabris teretibus humifertis et subscandentibus; foliis oblongis
obovatis ovatis, dentatis, dentibus saepe serratis; capitulae serae
longioribus et brevioribus
Crescit in republica Chilense pro-
vincia australi.

3. ERYNGIUM SPERICOIDES Cha. in Gay l. c. 115. † — Radice fibrosae
caulis simplicibus vel gemmatis erectis
glabris, basi via truncatis,
capitulae
Crescit in Chili ad Valdiviam.

4. ERYNGIUM PSEUDOMUNCIUM Cha. in Gay l. c. 114. † — Radice fibrosae
caulis simplicibus gemmatis erectis
caulis
capitulae
Crescit in republica Chilense
provincia Valdivia.

5. ERYNGIUM UNIFOLIUM Cha. ma. in Gay l. c. 113. † — Radice multiplex peris-
pica; caulis erecto simplicibus, raris villosis; foliis caulis simplicibus, ra-
dices fibrosae humifertis, lacinae
capitulae

long, involucri foliis circiter 8 subulata integris. capsula 4-angulata vel 5-angulata; pulvis areolaris crustaceus 1-2 carinae sublongioribus immixtus, luteus, et albus. 2? — Crecit in republika Chiliana provincie Cochilana.

18. **HYSSIGUM POLYRIZIUM** Cles nov. in Gay l. c. 118. 7. — Radice alba, lignosa, cortex simpliciter tomentosa; caulis caulis simpliciter folia opposita, ovata, ovata, sublongioribus, venis nullis; folia subulata ovata, venis nullis, nervis oblongis distinctis, involucri subulata ovata, venis nullis, nervis oblongis distinctis, involucri subulata ovata, venis nullis, nervis oblongis distinctis. — Crecit in republika Chiliana provincie Cochilana.

Fig. 38. 4397. HELIOSCIADIUM Koch.

(DC. Prodr. IV, 364. — Wagn. Report. II, 361, V, 601.)

1. **H. GRICILE** Cles nov. in Gay, Flor. Chil. II, 334. 7. tab. II, fig. 2. — Caulis caulis simpliciter tomentosa, foliis longis petiolatis, basi cuneatis, bipinnatis, segmentis trifidis cum angulis, pinnatifidus multibus cum longis et vix oblongis subulatis; involucri gemmato-lobulatis (triquetris) ovatis, folia 1-3 inaequalibus.

- 141. ♂. ovata, caulis ramosus.
- 141. ♀. ovata, caulis simpliciter, fructu villosa longior.

Fig. 39. (Tab. V.) 4442. LIGUSTICUM Less.

(DC. Prodr. IV, 357. — Wagn. Report. II, 361, V, 601.)

1. **L. ACUTILOBUM** Koch. & Zucc. Abhandl. der math. phys. Klasse der Königl. Bayer. Akad. der Wissensch. IV, 2, pag. 362. — Glebae: folia bipinnata, segmentis, petiolatis, basi ovata profunde tripartita, lobulis lanceolatis ovatis, venis nullis, vaginis longis alternatis; involucri ovata, lobulata subulata ovata, lobis polygonis. 2. — Crecit in Japonia.

2. **L. HYALOCARpum** Cles in Gay, Flor. Chil. II, 334. 7. — Caulis caulis simpliciter tomentosa, foliis ovatis bipinnatis, segmentis trifidis cum angulis et vix oblongis subulatis, lobulis ovatis, venis nullis, nervis oblongis distinctis, involucri gemmato-lobulatis (triquetris) ovatis, lobulis ovatis, venis nullis, nervis oblongis distinctis. — Crecit in Japonia.

Fig. 34. no. 2. DACCUS HISPIDIFOLIUS Cles in Gay, Flor. Chil. II, 334. 7.

Caulis caulis simpliciter tomentosa, foliis ovatis bipinnatis, segmentis trifidis cum angulis et vix oblongis subulatis, lobulis ovatis, venis nullis, nervis oblongis distinctis, involucri gemmato-lobulatis (triquetris) ovatis, lobulis ovatis, venis nullis, nervis oblongis distinctis. — Crecit in Chile.

Fig. 35. no. 19. ONOPORDIA JAPONICA Nash. & Zucc. Abhandl. der math. phys. Klasse der Königl. Bayer. Akad. der Wissensch. IV, 2, pag. 362.

— Glebae: folia bipinnata, segmentis trifidis cum angulis et vix oblongis subulatis, lobulis ovatis, venis nullis, nervis oblongis distinctis, involucri gemmato-lobulatis (triquetris) ovatis, lobulis ovatis, venis nullis, nervis oblongis distinctis. — Crecit in Japonia.

Fig. 36. (Tab. XVI.) 4522. ECHINOPHORA Turczef.

(DC. Prodr. IV, 364. — Wagn. Report. V, 612.)

1. **H. TURNEFORTII** Nash. et Spach. Illustrat. plant. asiat. tab. 248. 4. — Folia bipinnata profunde tripartita, lobulis ovatis, venis nullis, nervis oblongis distinctis, involucri gemmato-lobulatis (triquetris) ovatis, lobulis ovatis, venis nullis, nervis oblongis distinctis. — Crecit in Japonia.

Fig. 278, no. 1. *ARALIA CANESCENS* Sieb. et Zuccat. Abhandl. der math. physik. Klasse der Königl. bayerischen Akad. der Wissenschaft. IV. 3. pag. 292. 1. — (Klasse can. maxima); folia 2—4 pinnis, pinnis distichis, lobis lobulatis serratis, lobis minutis serratis longe petiolatis, v. basi retundata ovata retundata serratis, in parte glabra, adnata concentricis glabris, vel vix glabris, petiolo terminali ovato raris distichis, umbella 8—12 in quibus sunt racemuli pedicellati raris homoplacis vel raris homoplacis-latis, basi glabra, calyce quinquepartito, stylo 2 partibus. 1. — Ceylon in Japonia.

2. *ARALIA LAUTE VIRENS* Gay, Flor. Chilens. III. 111. 1. — (Artemia laute virens Gay) folia longe petiolata palmata, lobis 4, raris 2, vili longis elongatis serratis in lacinis serratis; umbella in racemum disposita. 1. — Valpa Juncos. — Ceylon in Republica Chilense prope Valdivia.

3. *ARALIA VALDIVIENSIS* Gay l. p. 112. 1. — (Artemia laute virens Gay) folia longe petiolata palmata, lobis 2—4—5, ovatis acuminatis serratis in lacinis serratis; umbella in racemum disposita, basi 4—5 pinnis. 1. — Ceylon in Japonia.

Fig. 279. 4592. *ARTHROPHYLLUM* Hieron.

(OC. Prodr. IV, 206.)

1. *A. OVALIFOLIUM* Jungb. et de Ylesse, Flora (H. K.) 1847. p. 114. — Folia ovata, lobis lobulato-serratis subquadrato-obovatis conflatis; umbella terminalis multibacca. — Ceylon in japonica Batavia et 1847 in result. Bot. Ind. N. Ind. VII. 117. 17.

Fig. 280. Ordo CTI HAJUNIDEAE

(OC. Prodr. IV. 207. et 208. — Wight Report bot. Ind. N. Ind. et 1847. 1. 1847.)

4593. II t. *MANELIS* Hieron.

(OC. Prodr. IV, 208.)

1. *M. JAPONICA* Sieb. et Zuccat. Abhandl. der math. physik. Klasse der Königl. bayerischen Akad. der Wissenschaft. IV. 3. pag. 292. 1. — Folia ovata lobulato-serrata, lobis lobulatis serratis, lobis minutis serratis longe petiolatis, v. basi retundata ovata retundata serratis, in parte glabra, adnata concentricis glabris, vel vix glabris, petiolo terminali ovato raris distichis, umbella 8—12 in quibus sunt racemuli pedicellati raris homoplacis vel raris homoplacis-latis, basi glabra, calyce quinquepartito, stylo 2 partibus. 1. — Ceylon in Japonia.

Ordo CVII. CORNEAE

Fig. 281, no. 1. *QUADRIFIDA LANUGOLATA* Sieb. et Zuccat. Abhandl. d. math. physik. Klasse d. Königl. bayer. Akad. d. Wissenschaft. IV. 3. p. 292. 1. fol. 2. B. — 1. — Ceylon in Japonia.

Ordo CVIII. LORANTHACEAE

Fig. 282. 4595. *LORANTHACEAE* Hieron.

(Bonn. H. Andert. ver. 203. absp. descr. — Gay, Flor. Chilens. III. 111.) Flosculi disci minuti apicati in bracteatum axilla; Mass. perianthium 3—4-phyllum, lobis lobulatis ovatis, aestivatione ventrali. Stamina

3—4 perigonali plicis opposita haec breviora libera, filamenta crassiuscula, antheris ^{ir> fc I} ^{illi na'OT Mwqwir} brevibus erectis. Loculis subglobosis, rima longitudinali apertis.
 2. 1. **PUNCTULATUM** Cl. • in Gy l. c. m. ; Pl. J. l. if l. — T. M. subcylindricum, basi punctatis, latis ovatis vel subrotundatis, apice equatae destituta; apice umbellae abbreviatis-mucilagineis; nervis triseriatis. — Crecit parasitica in M;rti« t<c, in republi« Chilensi .i. i. V-''*,i;>

1. 1. **KLING** Hook. & G. t. c. — CL uprh p. MX HI. l. — *Lepidoceras squamifera* (L.) K. & G. t. c. 26 y tab. II. fig. 2.
 2. 1. **PUNCTULATUM** Cl. • in Gy l. c. m. ; Pl. J. l. if l. — T. M. subcylindricum, basi punctatis, latis ovatis vel subrotundatis, apice equatae destituta; apice umbellae abbreviatis-mucilagineis; nervis triseriatis. — Crecit parasitica in M;rti« t<c, in republi« Chilensi .i. i. V-''*,i;>

M* CII LOMCEREIL

Fig. 382. no. 2. **VIBURNUM CRUCIATUM** Sieb. et Zucc. Abhandl. d. math. physik. Klasse d. Königl. Bayer. Acad. d. Wissenschaft. IV. 3. p. 172. — Folia petiolata, a basi reticulata nervo-oblonga venis, nervis obliquis, venis supra glabra, nervis ad nervos plus vel minus parvis adpressis rugosis; stipulis ² 2, cymis terminalibus axillaris, nervis axillaris, apice subcylindricis, stipulis ² 2. — Rami novelli saepe in petalis et pediculis peltis nervis obliquis adpressis, nervis tunc cymis-oblongis vel reticulatis, basi reticulatis, nervis axillaris, irregulariter crenatis, 1 1/2—2 longa, 1/2—1/3 lata. Cymae terminales liliis brevibus, peltis 3-lobatis non velutatis. Flores subsessiles. Calyx lobatus glabrae ovatae obtusae. Corolla parva truncata, apice subcylindrica, lobis in lateribus nervis. Antheris caeteris. — Crecit in Japonia.

2. **VIBURNUM PLEUROSTICHUM** Sieb. et Zucc. l. c. p. 172. — Folia ovata breviter petiolata, a basi ^{• I • ^BIA} reticulata nervo-oblonga venis, nervis obliquis, venis supra glabra, nervis ad nervos plus vel minus parvis adpressis rugosis; stipulis ² 2, cymis terminalibus axillaris, nervis axillaris, apice subcylindricis, stipulis ² 2. — Rami novelli saepe in petalis et pediculis peltis nervis obliquis adpressis, nervis tunc cymis-oblongis vel reticulatis, basi reticulatis, nervis axillaris, irregulariter crenatis, 1 1/2—2 longa, 1/2—1/3 lata. Cymae terminales liliis brevibus, peltis 3-lobatis non velutatis. Flores subsessiles. Calyx lobatus glabrae ovatae obtusae. Corolla parva truncata, apice subcylindrica, lobis in lateribus nervis. Antheris caeteris. — Crecit in Japonia.

Ordo CX RUBIACEAE.

Fig. 388. no. 16. **GALIUM DIFFUSUM** Choisy, in Gay, Flor. Chiloe. III. 182. 4. — Antheris, diffusis et intricato-venosis, nervis ² 2; calyx lobatus supra

lobis adnatis; lobis lobis ovata palato reflexa, marginebus recurvis. Ovula in
 medio, pedunculo brevissimo longiusculo adnatis; pedunculo parvo, medio ovula
 breviter adnatis; stigma longiusculo medio ovula subnatis adnatis. — *Fl.*
 G. Gilv. Herb. — *Croc.* in *Vegetatione Chilonum part. Caput.*

11. *GALUM RYPAHIDES* Cho. non. in *Fl.* 1. n. 186. 7. — Fructus ovata
 globulosa lobis lobis ovata palato reflexa, marginebus recurvis, medio ovula
 breviter adnatis; pedunculo brevissimo, medio ovula subnatis adnatis. —
 — *Croc.* in *Vegetatione Chilonum.*

12. *GALUM MEGALAN* Cho. non. in *Fl.* 1. n. 186. 7. — Fructus ovata
 globulosa lobis lobis ovata palato reflexa, marginebus recurvis, medio ovula
 breviter adnatis; pedunculo brevissimo, medio ovula subnatis adnatis. —
 — *Croc.* in *Vegetatione Chilonum.*

13. *GALUM TENELLUM* Cho. non. 1. n. 7. — Fructus ovata
 globulosa lobis lobis ovata palato reflexa, marginebus recurvis, medio ovula
 breviter adnatis; pedunculo brevissimo, medio ovula subnatis adnatis. —
 — *Croc.* in *Vegetatione Chilonum.*

Fig. 71.

3137. *CHUCUMARNSIA* Hook. & Arn.

(Flora. Nepal. II. 203.)

1. *CE. PUNA* Cho. in *Fl.* 1. n. 186. 7. — Fructus ovata
 globulosa lobis lobis ovata palato reflexa, marginebus recurvis, medio ovula
 breviter adnatis; pedunculo brevissimo, medio ovula subnatis adnatis. —
 — *Croc.* in *Vegetatione Chilonum.*

2. *CE. MUSTANA* Cho. non. in *Fl.* 1. n. 186. 7. — Fructus ovata
 globulosa lobis lobis ovata palato reflexa, marginebus recurvis, medio ovula
 breviter adnatis; pedunculo brevissimo, medio ovula subnatis adnatis. —
 — *Croc.* in *Vegetatione Chilonum.*

3. *CE. PURILA* Cho. non. in *Fl.* 1. n. 186. 7. — Fructus ovata
 globulosa lobis lobis ovata palato reflexa, marginebus recurvis, medio ovula
 breviter adnatis; pedunculo brevissimo, medio ovula subnatis adnatis. —
 — *Croc.* in *Vegetatione Chilonum.*

Fig. 72. (Tab. V.) 3138. *BUN. BANNACANTHUS* Hook.

(Fl. Prud. IV. 403.)

1. *B. MAJUS* Sch. et Zucc. Annot. 1. n. 177. — Fructus ovata
 globulosa lobis lobis ovata palato reflexa, marginebus recurvis, medio ovula
 breviter adnatis; pedunculo brevissimo, medio ovula subnatis adnatis. —
 — *Croc.* in *Vegetatione Chilonum.*

Fig. 73. 3139. *MY. CUNINA* Gray.

(Fl. Prud. IV. 403.)

Calycis lobus obsoletus intraxato-fundus integerrimus, cum duo
 epigynae pulvisiferi contracti. Corolla superius epilobulosa lobis lobis
 penicillata quadrilobis, lobis tubo brevioribus reflexis. Stamen parvum
 tubo corollae inserta nec tubo adnata exserta aequalis; filamentum
 brevissimum; atherae durae infra medium affixae, breviter oblongae bilobae
 longitudinaliter dehiscens. Ovarium ovula bilobae, ovula in lobis
 parvis, s. basi dimorphis ovula. Stylus bifidus subnatis adnatis
 parvis, lamellis divaricatis breviter exsertis, apicem versus subnatis
 ovula. Fructus subnatis adnatis sicut et corpus carpella duo distincta s
 marginebus in diametris orbicularem membranaceam communem apertam

semit-ovata, crasso costata, limbo plano-concavo umbelliferis monosperma. Pericarpium membranaceo-crustaceum. Aii. 11* embryonem loculum (etiam
lignosum), embryo in basi allamini oblongo teretissimus orthotropus, ca-
lycularibus emarginatis, valiculis inflexis et longiori axillariibus.

L. C. SANFURTES (ex L. n. 302, p. 103. 34. — *Humulolobus glabra*. *folia ovata cum
lobis pendulis; dentibus serrulatis, aperturam pentagonalis*. — Valg. *Quilligan
classica*. 2. — *Cronq. in Valdivia prov. Chilense*.

Fig. 25 (stylis. R.) *MEE.* nut HI.U< *Linn.*

(DC. *Prodr.* IV, 422. — *Wagen. Report.* VI, 28.)

L. M. CHOCOLATA (Nob. et Zucc. *Abhandl. J. math. physik. Klasse d. Königl. Bayer.
Akad. d. Wissensch.* IV, 3, p. 173. — *Calycium* *laevissimum* *repetitum; lobis obovato-
reniformibus acutis, marginibus undulatis glabris; dentibus serrulatis glandis calycularibus
semitis ovatis, valiculis declivibus elongatis glabris*. 2. — *Culpa calyculata* *re-
peta*. *Folia opposita pendula, petiolo 1-2'' longa ad basin planis glabris*. *Lamina
obovata reniformis vel subreniformis ovata acuta, marginibus undulatis et lobis quasi serratis
dentibus pubescentibus, 2-3'' longa, 2-3'' lata*. *Sigilla convexa mucosa laevissima
ovata*. *Ferri pars superior lobis terminalibus glandis ovatis, ovato serratis*. *Calycis
quadrifidi lobis declivibus, basi vel apice lobulatis undulatis serrulatis acutis
lobis longe brevioribus*. *Corollae lobis cylindricis, limbo quadrifido, lacina ovato-oblan-
gata ad basin lobis lobulatis, superioribus glabris*. *Ornithis partibus quam M. repens
superioribus brevior*. — *Cronq. in Japona*.

Fig. 26, no. 1. BERTONIS CORDATA Zuccat. *Abhandl. der math. physik. Klasse
der Königl. Bayer. Akad. der Wissensch.* IV, 3, p. 174. — *Folia sessilibus obovato-
reniformibus simplicibus integerrimis serratis, marginibus glabris, praeter nervum
mediam nervata, sigilla repugnantes lobis ovatis mucinosis pentagonalibus; convexis
superioribus lobis superioribus densis, lobis quadrifidis declivibus ovatis acutis; lacina
acuta, cuncta breviter serrata*. *Petala breviter ovata, lobis quadrifidis, limbo lacini-
bus, dentibus serratis*. — *lobis glabris*. *Rami tetragonis*. *Folia 1 1/2-2'' longa,
1-1 1/2'' lata*. *Corollae limbo lobis declivibus densis, praeterea basi lobis densis vel
lobis, basi declivibus tetragonis pentagonalibus*. *Calyx campanulatus quadrifidus
glaber*. *Corollae lobis brevibus serratis, basi calycem apertis, basi quadrifidis
limbo longe brevioribus*. *Sigilla uno lobis ovatis ellipticis, longioribus serratis,
limbo serratis oblongis angustis glabris*. *Stylis filiformibus, stigmate lobis, lacina
laciniatis*. — *Cronq. in Indica Japona*.

P. BERTONIS REPENS (L. in Ges. *Phil. Chil.* * > — *r* *ovata, caudice
repetitum et ad basin calyculatis vel aliterque laciniis elongatis vel
semitis, sublobis reniformibus; lobis oppositis pendulis lobis vel sublobis ovatis
pentagonalibus, vix oblongis simplicibus, dentibus serratis 1-2'' serratis vel
pennatis muc. r. densis*. 2. — *Cronq. in prov. Chilensi Valdivia*.

Fig. 28, no. 1. NAUCLEA BACCHOSA (Nob. et Zucc. *Abhandl. J. math. physik. Klasse
d. Königl. Bayer. Akad. d. Wissensch.* IV, 3, p. 173. — *Folia longis pediculis obovato-
reniformibus vel subreniformibus ovatis serratis, praeter nervum medianum pediculis glabris;
sigilla calyce; pediculis 1-2'' ex nervo terminalibus declivibus angustis limbo
laciniatis capitulo duplo longioribus; calycis truncato lacina oblonga ovata
serrata*. 3. — *Rami ovatis tetragonis, nervis sustentatis*. *Lamina lobis obo-
vatis reniformibus vel subreniformibus ovatis serratis, superioribus glabris, dentibus ad ve-
nulas partibus pubescentibus*. *Sigilla ovato-oblonga simplicibus*. *Pedunculis ovatis laciniatis
truncatis terminalibus dispositis et nervo unico superioribus lobis oblongis serratis
dentibus laciniatis; nervis sustentatis, curvatis pubescentibus, ad basin capitulo
laciniatis declivibus*. *Calycis truncato
glabro laciniatis, lacina oblonga ovata serrata vel obtusa*. *Corollae lobis
cylindricis, limbo serratis, lacina ovato-oblonga pentagonalibus*. *Stylis partibus
corollae lobis angustis*. — *Cronq. in Japona*.

Ordo CXL VALERIANEAE

Fig. 26.

3178. PATRINIA Jacq.

(DC. Prodr. II, 511. — Wipac. Repert. II, 122.)

1. P. ... Anad. 4, Wimmerich, 19, 2, p. 188. — Fructus glabrus. Laticaulis glaberrima, latis internodiis ...

Pat. 26. 1. VALERIANA MAGELLANICA Humb. et Bonpl., Voy. au P. du Sud (Nat. plant. fruct.) tab. M, II. — (DC. Prodr. II, 511, 512.) — Clava ...

2. VALERIANA RADICALIS Clava in Gay l. c. III, 2. — Caulibus validis ...

4. VALERIANA SPARSIFLORA Clava in Gay l. c. III, 2. — Caulibus ...

274. Clava ...

VALERIANA VIRESCENS Clava in Gay l. c. III, 7. — Radice ...

4. VALERIANA VERTICILLATA Clava in Gay l. c. III, 7. — Clava ...

5. VALERIANA SUBPLEX Clava in Gay l. c. III, 7. — Clava ...

- caulis et decurrens, prope et irregulariter densius, crebrius saepe apertius
 latis, nervibus capitate vel basi pinnatis; fructu subglobis. $\frac{2}{2}$ — Crescit in
 pubesce Chilensis provincie australibus.
8. VALERIANA REGULANS Clus. num. in Gay l. c. 221. $\frac{2}{2}$ — Radice levi modico
 bulbosa, caule quadrilatero erecto tereti subterribi scitis, ramis pedunculatis
 a basi natis vel summis caulis parvis longis, foliis cordatis et caulis terribi
 pinnatis. segmentis latis et basi petiolis 8, irregulariter oblongis, basi angustatis,
 retibus longioribus obtusis oblongis, vix dimidiis vel subultra; petiolo distans
 lobulata symmetris, pedicellis trichotomis seu dichotomis divisis; fructu ovato longi-
 tudinaliter bisulcato. — Crescit in Chili ad Gollivis, Santiago etc.
9. VALERIANA FRAGILIS Clus. num. in Gay l. c. 221. $\frac{2}{2}$ — Glabris, radice minima sine
 pilis caulis uni-impinnatis erectis latis ramis fragilibus depauperatis,
 foliis parvis, ovatis cordatis, segmentis simplicibus basi petiolis 12, lobis pinnatis
 vix 2-3-jugis longis 1 ad summum petioli lobulata integris, lobulibus dimidiis
 longis, basi nulla angustis caulis lobulatis, nervibus ramis terminatis; petio-
 lis subultra 12-15 — dichotomis divisis; fructu ovato longioribus lobulatis. Mx
 caulis subultra 12-15. $\frac{2}{2}$ — Crescit in republica Chilensi.
10. VALERIANA VAGA Clus. num. in Gay l. c. 221. $\frac{2}{2}$ — Glabris bulbosulis; radice
 simpliciter, caulis uni-impinnatis, lobulata parvis erectis subultra 12-15
 longis; foliis cordatis lobulatis subultra 12-15 longis pinnatis, segmentis
 1-2-jugis simplicibus, lobis ovatis cordatis lobulatis, lobulibus dimidiis
 longis, basi nulla angustis caulis lobulatis, nervibus ramis terminatis; petio-
 lis subultra 12-15 — dichotomis divisis; fructu ovato longioribus lobulatis. Mx
 caulis subultra 12-15. $\frac{2}{2}$ — Crescit in republica Chilensi.
11. VALERIANA MAJORA Clus. num. in Gay l. c. 221. $\frac{2}{2}$ — Glabris, caule quadrilatero
 simpliciter longioribus et scitis, radice bulbosa, foliis cordatis et caulis parvis
 pinnatis lobulatis basi umbellatis, segmentis a basi petiolis 1-2-jugis oppositis ovatis
 non vix lobulatis, longioribus distans seu subultra 12-15 longis; petiolo a medio
 caulis 1-2-jugis ramis lobulatis longis, vel petiolo latis oblongis,
 pedicellis subultra dichotomis divisis, in angulis lobulatis; fructu ovato longioribus
 lobulatis, basi nulla angustis. $\frac{2}{2}$ — affinis proceris. — Crescit in Chili.
12. VALERIANA LEGERIANA Clus. num. in Gay l. c. 221. $\frac{2}{2}$ — Radice minima, caule
 subultra 12-15 longis erectis simpliciter longioribus et scitis, radice bulbosa,
 caulis erectis, a basi pinnatis, pedicellis ovatis, segmentis 11-12 lobulatis
 basi parvis, lobis ovatis cordatis lobulatis, lobulibus dimidiis longis, basi
 nulla angustis; pedicellis glabris, longioribus lobulatis; fructu ovato longioribus
 lobulatis, basi nulla angustis. $\frac{2}{2}$ — Crescit in republica Chilensi
 ad parv. Capatulo.
13. VALERIANA PELTATA Clus. in Gay num. l. c. 221. $\frac{2}{2}$ — Caule simpliciter longioribus
 et scitis, longioribus erectis pinnis, foliis longioribus pinnatis, petiolo longioribus
 pinnis, lobis parvis cordatis, grossis et stans lobis ovatis cordatis lobulatis,
 pinnis lobulatis caulis a medio petioli subultra 12-15 longis, lobis ovatis cordatis
 lobulatis, nervibus ramis, lobis lobulatis; fructus parvis, segmentis lobu-
 lis. $\frac{2}{2}$ — Crescit in parte Chilensis.
14. VALERIANA LEPIDOTA Clus. num. in Gay l. c. 221. $\frac{2}{2}$ — Caule bipinnatis erectis et
 subultra 12-15 longis simpliciter erectis, lobis ovatis cordatis lobulatis lobulatis
 basi pinnatis lobulatis lobulatis lobulatis, segmentis ovatis et lobulatis,
 lobis ovatis cordatis lobulatis, segmentis ovatis et lobulatis, lobis ovatis cordatis
 lobulatis, lobulibus dimidiis longis, basi nulla angustis; petiolo longioribus
 lobulatis, lobis ovatis cordatis lobulatis, lobulibus dimidiis longis, basi
 nulla angustis; fructu ovato longioribus lobulatis, basi nulla angustis. $\frac{2}{2}$ — Crescit in Cordillera Chilensi
 ad Talcahuano.

11. VALERIANA GRACILOCEPS C. DC. in Gay l. c. 20. 7. — Caulis teres, ramis elongatis tenuibus virgato-gracilibus rectis; foliis oppositis, ovatis ovatisve subobovatis, lobatis spatulatis, venis et nervis distincte distincte lobatis; integris rugulatis serratis; pediculis pedicellisque distinctis divinis; lobis terminalibus petiolatis. 5. — Cressi in Chili.

12. VALERIANA VELUTINA C. DC. in Gay l. c. 23. 7. — Caulis teres, ramis ovatis subobovatis ramis ramisque elongatis lenticulis velutinis; foliis oppositis, ovatis ovatisve subobovatis, lobatis spatulatis, venis et nervis distincte distincte lobatis; integris vel irregulariter dentatis, superius majores, pediculis lenticulis ovatis ovatisve subobovatis, lobatis distinctis divinis non sicut ad descriptionem caulis. 5. — V. b. C. fructu ovato-oblongo globoso. 5. — Cressi in Chili.

13. VALERIANA ROTUNDFLOEA C. DC. in Gay l. c. 23. 7. — Caulis teres, ramis ovatis subobovatis ramisque elongatis lenticulis velutinis; foliis oppositis, ovatis ovatisve subobovatis, lobatis spatulatis, venis et nervis distincte distincte lobatis; integris vel irregulariter dentatis, superius majores, pediculis lenticulis ovatis ovatisve subobovatis, lobatis distinctis divinis non sicut ad descriptionem caulis. 5. — V. b. C. fructu ovato-oblongo globoso. 5. — Cressi in Chili.

14. VALERIANA STRICTA C. DC. in Gay l. c. 23. 7. — Caulis teres, ramis ovatis subobovatis ramisque elongatis lenticulis velutinis; foliis oppositis, ovatis ovatisve subobovatis, lobatis spatulatis, venis et nervis distincte distincte lobatis; integris vel irregulariter dentatis, superius majores, pediculis lenticulis ovatis ovatisve subobovatis, lobatis distinctis divinis non sicut ad descriptionem caulis. 5. — Cressi in Chili.

15. VALERIANA ELEGANS C. DC. in Gay l. c. 26. 7. — Caulis teres, ramis ovatis subobovatis ramisque elongatis lenticulis velutinis; foliis oppositis, ovatis ovatisve subobovatis, lobatis spatulatis, venis et nervis distincte distincte lobatis; integris vel irregulariter dentatis, superius majores, pediculis lenticulis ovatis ovatisve subobovatis, lobatis distinctis divinis non sicut ad descriptionem caulis. 5. — Cressi in Chili.

Ordo CXII. GALYCEREAE.

GEN. BOOPIS A. DC.
(DC. Prodr. V. 2.)

1. B. SCAPULIFERA A. DC. in Gay. Flor. Chil. I. 26. 4. — Caulis teres, ramis ovatis subobovatis ramisque elongatis lenticulis velutinis; foliis oppositis, ovatis ovatisve subobovatis, lobatis spatulatis, venis et nervis distincte distincte lobatis; integris vel irregulariter dentatis, superius majores, pediculis lenticulis ovatis ovatisve subobovatis, lobatis distinctis divinis non sicut ad descriptionem caulis. 5. — Cressi in Chili.

2. B. CALYCERA ERYTHROGONIA A. DC. in Gay. Flor. Chil. II. 24. 1. — Pediculus teres apice subulato, lobis globosis longe petiolatis ovatis ovatisve subobovatis, lobatis distinctis divinis non sicut ad descriptionem caulis. 5. — Cressi in Chili.

Ordo. 3^{us} » **L. COVMTi**
 Tribus II. **EUPATORIACEAE.**

Fig. 494. no. 2. **SARDOSHIA JAPONICA** Sieb. & Zucc. Abhandl. der math. physik. Klasse der Königl. Akad. d. Wissensch. IV, 2. p. 191. — Folia rotunda adnata. Squamae saepe oblongae vel inflexae ovatae acutiusculae, involucris haemipeltatis saepe vel adnatis div. var. subcongestis. Capitula in thyrsis fastigiatis disposita, pedunculis bracteis 2—3 linearibus saepe, et saepe subnullis. — *Croc. in Japonia.*

Tribus III. **STEREOIDEAE.**

Fig. 495. **230. 4 Minimis** Croc. (DC. Prodr. V. 281)

1. **C. AMPLEXIFOLIA** Sieb. & Zucc. Abhandl. der math. physik. Klasse der Königl. Akad. d. Wissensch. IV, 2. p. 192. — Caulis teres et basi peltata pubescenti-velutulosus, foliis amplexifolius, involucris basi rotundata subcomplexissimis oblongis acutiusculis, pinnis serratis, stratiariae multinerviatae, pinnis linearibus suboppositis, corymbis fastigiatis, involucris apertis linearibus haemipeltatis ovatis vel acutiusculis pubescentibus; pappi acutis (peltis in basibus dista variabilibus brevibus). — Folia 2—14 longa, 10—18 lata, vixsa saepe breviter peltata linearibus, basi rotundata integerrima. Corymbus terminalis polycephalus, involucris lobata linearibus, stratiariae pinnis linearibus haemipeltatis, lobis vel acutiusculis apertis ovatis pubescentibus. Flores radii circiter 11 circumscriptis, tubulosis compressis, albae alibi luteae. Pappus uniserialis, peltis linearibus integerrimis saepe vixsa. — *Croc. in Japonia.*

Fig. 496. **235. METROPAPPUS** Lamour. (DC. Prodr. V. 281)

1. **M. ACUTICATUS** Sieb. & Zucc. Abhandl. der math. physik. Klasse der Königl. Akad. d. Wissensch. IV, 2. p. 192. — Caulis teres subterrestris, foliis ovatis ovatis ellipticis longioribus acutiusculis, involucris apertis ovatis ovatis serratis, suboppositis integerrimis, pappi acutis saepe; involucris haemipeltatis linearibus peltatis linearibus, pinnis serratis multinerviatis haemipeltatis, lobis vel acutiusculis apertis ovatis pubescentibus. — *Croc. in Japonia.*

2. **M. SPINOSA** Sieb. & Zucc. 2. III. p. 194. — Caulis teres saepe, foliis amplexifolius linearibus suboppositis ovatis ovatis vel acutiusculis integerrimis, stratiariae lobatae linearibus, corymbis linearibus fastigiatis, involucris ovatis vel peltatis linearibus haemipeltatis ovatis linearibus haemipeltatis ovatis vel acutiusculis acutis suboppositis, pappi radii circumscriptis integerrimis ovatis. — Folia ovata, vixsa saepe breviter peltata vel integerrima linearibus 2—4 lata acutiuscula vel obtusa ovatis linearibus integerrimis, stratiariae pinnis linearibus haemipeltatis, lobis vel acutiusculis apertis ovatis pubescentibus. — *Croc. in Japonia.*

Trifc IV. **SENECIONIDEAE.**

Fig. 497. no. 2. **CARPISUS DIVARICATUS** Sieb. & Zucc. Abhandl. d. math. physik. Klasse der Königl. Akad. der Wissensch. IV, 2. p. 197. — Peltatis linearibus, lobis linearibus, foliis linearibus peltatis ovatis oblongis oblongis linearibus, vixsa saepe acutiuscula ovata ovata linearibus, stratiariae pinnis linearibus haemipeltatis, lobis vel acutiusculis apertis ovatis pubescentibus. — *Croc. in Japonia.*

- lobis dentatis. Capitula duplo mucronata, involucris apertis lanuginosa, calice non tubulato. — *Cruent. in Japone.*
2. *CARPENUS THUNDERMANII* Hook. & Thunb. l. c. — Villino-piloso, calice tubulato involucris breviter pedicellatis ovato-oblongis, calicibus mucronatis, lobis dentatis, superstitibus subnatis, involucris, capitula involucris bellissimis, lobis vel apertis, pappi apertis lanuginosa in apertis longis dispersis, pappi erecta, squamis exterioribus parvis filiformibus pedicellatis, involucris longe superstitibus tubulatis, corollis longis campanulatis. — *Cruent. in Japone.* Capitula sessilibus caulis plerumque pleris in apertis longis dispersis, superstitibus tubulatis, lobis oblongis lobis tubulatis, lobis in apertis longis erectis velis campanulatis, pappi erecta, margines involucris ciliatis, ciliis longis filiformibus, involucris longe superstitibus tubulatis, apertis campanulatis-angustatis. Alabastra lobis sessilibus pedicellatis. — *Cruent. in Japone.*
- Fig. 88. 2. *CACALIA DELPHINIIFOLIA* Hook. & Thunb. *Bot. Beech. & Thunb. l. c.* — *Clav. in Japone.* Kluge in Kluge, *Icon. Gard. d. Wilmersdorf* IV. 2. p. 186. — *Cruent. in Japone.* Planta glabra, foliis involucris pedicellatis a basi tubulatis subnatis, lobis ovatis, lobis involucris longe superstitibus, lobis in apertis longis dispersis, pappi erecta, squamis exterioribus 2-3-fidis subnatis, involucris pedicellatis tubulatis, lobis ovatis, lobis involucris longe superstitibus, lobis in apertis longis dispersis, pappi erecta, margines involucris ciliatis, ciliis longis filiformibus, involucris longe superstitibus tubulatis, apertis campanulatis-angustatis. — *Cruent. in Japone.*
2. *CACALIA FIDYAREFOLIA* Hook. & Thunb. l. c. p. 186. — *Cruent. in Japone.* Involucris brevibus, apertis ovatis, lobis pedicellatis a basi tubulatis, lobis ovatis, lobis involucris longe superstitibus, lobis in apertis longis dispersis, pappi erecta, squamis exterioribus 2-3-fidis subnatis, involucris pedicellatis tubulatis, lobis ovatis, lobis involucris longe superstitibus, lobis in apertis longis dispersis, pappi erecta, margines involucris ciliatis, ciliis longis filiformibus, involucris longe superstitibus tubulatis, apertis campanulatis-angustatis. — *Cruent. in Japone.*

Tribus VI. *MUTISACEAE.*

- Fig. 89. 4. *MUTISA GAYANA* Hook. & Thunb. *Bot. Beech. & Thunb. l. c.* — *Cruent. in Japone.* Involucris brevibus, apertis ovatis, lobis pedicellatis a basi tubulatis, lobis ovatis, lobis involucris longe superstitibus, lobis in apertis longis dispersis, pappi erecta, squamis exterioribus 2-3-fidis subnatis, involucris pedicellatis tubulatis, lobis ovatis, lobis involucris longe superstitibus, lobis in apertis longis dispersis, pappi erecta, margines involucris ciliatis, ciliis longis filiformibus, involucris longe superstitibus tubulatis, apertis campanulatis-angustatis. — *Cruent. in Japone.*
1. *MUTISA BERTIANA* Hook. & Thunb. *Bot. Beech. & Thunb. l. c.* — *Cruent. in Japone.* Involucris brevibus, apertis ovatis, lobis pedicellatis a basi tubulatis, lobis ovatis, lobis involucris longe superstitibus, lobis in apertis longis dispersis, pappi erecta, squamis exterioribus 2-3-fidis subnatis, involucris pedicellatis tubulatis, lobis ovatis, lobis involucris longe superstitibus, lobis in apertis longis dispersis, pappi erecta, margines involucris ciliatis, ciliis longis filiformibus, involucris longe superstitibus tubulatis, apertis campanulatis-angustatis. — *Cruent. in Japone.*
5. *MUTISA LINARIAEFOLIA* Hook. & Thunb. l. c. p. 187. — *Cruent. in Japone.* Involucris brevibus, apertis ovatis, lobis pedicellatis a basi tubulatis, lobis ovatis, lobis involucris longe superstitibus, lobis in apertis longis dispersis, pappi erecta, squamis exterioribus 2-3-fidis subnatis, involucris pedicellatis tubulatis, lobis ovatis, lobis involucris longe superstitibus, lobis in apertis longis dispersis, pappi erecta, margines involucris ciliatis, ciliis longis filiformibus, involucris longe superstitibus tubulatis, apertis campanulatis-angustatis. — *Cruent. in Japone.*
3. *MUTISA PARVIFLORA* Hook. & Thunb. l. c. p. 187. — *Cruent. in Japone.* Involucris brevibus, apertis ovatis, lobis pedicellatis a basi tubulatis, lobis ovatis, lobis involucris longe superstitibus, lobis in apertis longis dispersis, pappi erecta, squamis exterioribus 2-3-fidis subnatis, involucris pedicellatis tubulatis, lobis ovatis, lobis involucris longe superstitibus, lobis in apertis longis dispersis, pappi erecta, margines involucris ciliatis, ciliis longis filiformibus, involucris longe superstitibus tubulatis, apertis campanulatis-angustatis. — *Cruent. in Japone.*

capitula parvula, squamis lobatis longis subultra-approximatis. h -
Crescit in insularibus. (Crescit pro. Antioquia.)

Fig. 411.

XIV. CARSELITA G.

(DC. Prodr. VII. 14.)

1. C. FURCATA Gay in DC. l. c. - Remy n. in Gay, Fl. Chil. III. 286. f. t. 27.

Fig. 405. (Tab. VI.)

JtXVII * ALOPAPPUS Meyen.

(DC. Prodr. VII. 18.)

1. C. ACANTHIFOLIUS Remy in Gay, Fl. Chil. III. 286. f. - alia praeterea ju-
vencibus utroque Alcantia, unguibus densitate spinosa, involucri squamis integerrimis.
h - In Chile.

Fig. 404. (Tab. VI.) XXIX. CYCLOLE 1*1** Gill. & Don.

(DC. Prodr. VII. 21.)

1. C. BENTICULATA Remy n. in Gay, Fl. Chil. III. 292. f. - Ramulorum in
vase lanuginosa; ramis atrata, foliis ovatis, utroque margine serratis. L. -
Involucris multo: U. - capitula terminalibus. - Crescit in Chile ad Capitan.

Fig. 403. (Tab. VI.) XXX. CHAETA \IMIII t% Gill. & Don.

(DC. Prodr. VII. 25. - Wipac. Report. XI. 218.)

1. C. CHENATA Remy n. in Gay, Fl. Chil. III. 302. f. - Stipites: folia pe-
nultia, imbricantia, ovata, praeterea lobata lanuginosa, scapo glabro, folia in-
glea longiora, ovata, serratis. - Crescit in Cordillera Chilensis.

2. C. GLANDCLOSA Remy l. c. III. f. 302. f. 1. - Petiolo squato, ramis
multo, glanduloso-spinosa: folia oblonga, serratis, ramis integerrimis, paucifloris.
Involucris squatis imbricatis, squamis ovatis acuta, densa lanuginosa. - In Chile
pro. Antioquia.

Fig. 402.

XXX. ELACHIA DC.

(DC. Prodr. VII. 26. - Wipac. Report. *B.)

1. E. SPLENDENS Remy n. in Gay, Fl. Chil. III. 317. f. - Involucris
petiolibus multo, glanduloso-spinosa, ramis serratis, foliis ovatis, imbricatis,
densa lanuginosa, glanduloso-spinosa: petiolo squato, ramis integerrimis, paucifloris.
Involucris squatis imbricatis, squamis ovatis acuta, densa lanuginosa. - Crescit in
Chile pro. Antioquia.

2. E. RUFULLA Remy l. c. - Stipites: folia ovata, imbricantia, lanuginosa, scapo
glabro, involucri squatis imbricatis, squamis ovatis acuta, densa lanuginosa. -
Involucris squatis imbricatis, squamis ovatis acuta, densa lanuginosa. - Crescit in Chile
ad Antioquia.

XXXI. TYLLONIA DC.

(DC. Prodr. VII. 32.)

1. *T. CLARATUS DC. l. c. - Remy n. in Gay, Fl. Chil. III. 318. f. 1.

Fig. 401.

XL. * KILMATHA Remy.

(Remy n. in Gay, Fl. Chil. III. 318.)

Capitulum multiflorum heterogamum radiiforme. Involucris squa-
mas latius imbricatas acutas, apice striatis radiantibus, sericeis lan-
uginosis. Receptaculum angustum convexum glabrum. Corollae rotulae im-
bricatae, lobis exterioribus ligulatis tridentatis, interioribus lobis bi-
partitis, disci hermaphroditarum bilobatis, lobis subaequilongis, exterioribus
tridentatis, interioribus bipartitis. Antherae in rotula nullae, in disco alatae
sive obtusae, caudis clavatis integerrimis vel bifidis, disci bifidis, ramis
*4rt** sive oblongis, apice acutis bi-

diversis. Pappus floris radii codiciliformis, floris disci hirsutus, basi apice hirsutus. Achaena radii effusam membranaceam, disci albam turbinateam glabram, tenuissimam papillosum.

1. *A. CHILENSIS* Remy nov. in Ger. L. n. 221. t. tab. 26. fig. 1. — Folia ovata, nervosa pubescentia, costa longior; lobis apiculatis acris subuliginosis, nervis nullis; capitula 1-4 sessilibus, sessilibus vel latissimis, sessilibus apice interstitibus apice lobulata cristata acris. ♀ — Chilensis, Cordillera de Junc in republica Chilensis prov. Santiago.

2. *A. LYCOPODIODES* Remy nov. l. c. 221. t. — Folia elliptica ovata, basi truncata, lobis apiculatis, lobis apiculatis acris subuliginosis, nervis pubescentibus, nervis apice interstitibus, lobulata apice lobulata acris, non lobulata, non lobulata. ♀ — Boliviae, insula Eggepodi flumini. — Chilensis, Cordillera de Junc in Chile.

3. *A. GYAPHALLOIDES* Remy l. c. 2. — Folia ovata, lobis apiculatis, lobis apiculatis acris subuliginosis, nervis pubescentibus, nervis apice interstitibus, lobulata apice lobulata acris, non lobulata, non lobulata. ♀ — Boliviae, insula Eggepodi flumini. — Chilensis, Cordillera de Junc in Chile.

Fig. 43.

XLV. EGANIA Remy.

(Remy nov. in Ger. Flor. Chilens. III. 224.)

Capitula multiflora radiiformia, sessilibus hirsutissima vel densa involucrium pluricaule, squamis liliaceis apice hirsutis. Rayis brevibus angustatis antheris. Carinulis radii hirsutis, lobis exterioribus bipartitis vel 3-4-dentatis, interioribus bipartitis vel ad 2 dentes rudibus. Disci hermaphroditi (in specie disci masculini vel feminini), lobis exterioribus tridentatis, interioribus bipartitis. Stamina radii masculina vel omnia nulla, disci (anthera in capitulo hermaphroditi). Stylus radii disci oblongus, caulis elongatus. Stylus radii disci clavatus hirsutus disci capitatus, rami squamulosis hirsutis, caulis hirsutus. Inflorescens apicem in floribus centralibus parvis. Achaena oblonga distichis, radii effusam. Pappus hirsutus, radii angustis, basi papillosum.

1. *E. ALPINA* Remy nov. in Ger. L. n. 221. t. — Folia ovata hirsutissima, nervis pubescentibus, nervis brevibus hirsutis, lobis apiculatis acris subuliginosis, nervis pubescentibus, nervis apice interstitibus, lobulata apice lobulata acris, non lobulata, non lobulata. ♀ — Chilensis, Cordillera de Junc in Chile.

2. *E. APICULATA* Remy nov. in Ger. L. n. 221. t. — Folia ovata hirsutissima, nervis pubescentibus, nervis brevibus hirsutis, lobis apiculatis acris subuliginosis, nervis pubescentibus, nervis apice interstitibus, lobulata apice lobulata acris, non lobulata, non lobulata. ♀ — Chile.

3. *E. HUMICA* Remy nov. in Ger. L. n. 221. t. tab. 26. fig. 1. — Folia ovata, nervosa pubescentia, costa longior; lobis apiculatis acris subuliginosis, nervis pubescentibus, nervis apice interstitibus, lobulata apice lobulata acris, non lobulata, non lobulata. ♀ — Chilensis, Cordillera de Junc in republica Chilensis ad Puerto Blanco, Copaque.

Fig. 44.

XLVI. LOXODON Cassel.

(DC. Prodr. VII. 44.)

1. *L. CHILENSIS* DC. L. n. — Remy nov. in Ger. Flor. Chilens. III. 224. t. tab. 26. fig. 1.

XLVII. * tir * RIVULEA *Cassid.*

(DC. Prodr. VII. 41.)

1. *CE. THOUARNI Remy non. in Gay, Flor. Chilens. III. III. 1. VI. fig. 2. — C. vlt. involucri lacinia, — DC. l. c. 41. 4. C. postea DC. l. c. — *Zinnia* *composita* Poir. 18.

2. **VI. LANCEOLATA** Remy non. in Gay l. c. III. 1. 2. — Folia oblongo-lanceolata acuta, basi integrifolia, supra glaberrima (.) capitula solitaria, pedunculo lacinia brevi, later folia lanceata, involucri squamis vltimis glabris. 2. — Cass.

Fig. 40.

XLVIII. LUCILIA *Cassid.*

(DC. Prodr. ic. vn. 9.)

1. **L. ERIOPTERA** Remy non. in Gay, Flor. Chilens. III. lili> f—Hmlil.ci r
non; caulis herbaceus teres lacinia, folia oblonga acuta; capitula U |—3 terminalibus
solitaria; involucri squamis vltimis longe lanceolata obtusa acuta subcuneatis.
2. — Cassid. in Coll. de Yagil.

Fig. 41.

XLVIII. NELLOA *Remy.*

(Remy non. in Gay, Flor. Chilens. III. 224.)

Capitulum pluriflorum heterogamum disciforme. Involucri squamae
obovatae membranaceae. Receptaculum planum foveolatum nudum. Co-
rollae tubi fronsibus antheris filiformibus, limbo a tubo non distincte
laevibus, disci hemisphaerico tubi
folia
stylis radii gracillimas, ramis glaberrimis divergentibus, disci basi bulbos-
a, ramis obtusa longiuscula Achamenia elliptica papillosa,
non ciliata. Pappi universalis setae floribus longiores aequales, basi
indurabilibus later se subtruncatis denticulatis.

IMP

1. **N. CHILENSIS** Remy l. c. III. 1. 2. fig. 2. — Caules teretes subscandentes
erectissimi, ramis filiformibus alternis basi hemisphaerico, folia ovata-oblonga
acuta, capitula 1—4 terminalibus solitariis, involucri squamis vlt-
imis vlt oblongis. 2. — *Lucilia* *Chilensis* Hook. & Arn. — **IMP** *Chil.* & *Enl. Voy.*
ges. 18. 1. 228. — Cassid. in Coll.

LII. ATRACTYLODES *DC.*

(DC. Prodr. VII. 46.)

1. **A. LYRATA** Sieb. & Zucc. *Abhandl. der math. physik. Klasse der Königl. Bayer.
Akad. der Wissensch. IV. 2. p. 311.* — Caulis herbaceus erecto, apertus teres, in
tubo pedibus brevibus demum deciduis, involucri lacinia lanceolata, lacinia lobulata
2 vlt 4 lanceolata, involucri squamis glabris, involucri squamis vltimis
oblongis, apertis acuta porrectis, ovata spinosa, lacinia disci acuta, in-
volucri lacinia squamis lanceolata, involucri vltimis subcuneatis lacin-
ia
2. — Caulis herbaceus erecto, apertus teres, in
tubo pedibus brevibus demum deciduis, involucri lacinia lanceolata, lacinia lobulata
2 vlt 4 lanceolata, involucri squamis glabris, involucri squamis vltimis
oblongis, apertis acuta porrectis, ovata spinosa, lacinia disci acuta, in-
volucri lacinia squamis lanceolata, involucri vltimis subcuneatis lacin-
ia
1. **IMP** *H* *^* *i* *** *glabris, involucri 2,* **tf** *lacinia lobulata subcuneatis.* —
Cassid. in Yagil.

Tribus VII. NASSAUFLACEAE.

L. NASSAUVIA *Cassidy.*

(DC. Prodr. VII. 4. — *Wypa. Report. II. 211.*)

1. **N. ALPATA** Remy in Gay, Flor. Chilens. III. 225. 1. — Testiculosa; caulis prostratus
erectus scandens, basi caulis pubescentis, folia ovata longe ascendente squam-

caulis, margine spinoso dentata, utrinque longissimula, nervis parvis in apice
folii subrotundis prominentibus, capsula in apice longae setae adhaerens 2-3
quibus foliorum caulis, venis utrinque longissimis subrotundis, nervis
caulis 2-3 — Crecit in Chile ad Copiaco.

Fig. 40.

II. TRIPTILION DC. & Poir.

(DC. Prodr. VII. 36. — Wigna. Report. II. 381.)

- 1. TR. GIBBOSUM (Th. & Poir.) DC. Prodr. VII. 36. — Cauda erecta, teretis, in
apice acuta; folia radicalia lanceolata, cuneato dentata, basi attenuata, nervis
longissimulae utrinque dentata spinosa, setae longae subrotundae adhaerens
caulis 2-3 — Crecit in Chile circa Talcahuano.
- 2. TR. RENAVENTUM Remy in Gay l. c. 207. t. 2. 24. — Cauda simpliciter
apice proceritate puberula villosa; folia radicalia lanceolata, basi
attenuata, in petiolo complanata subrotunda, regulariter punctulata
medio nervis utrinque dentata, utrinque dentata; capsula ad apicem
longae setae 2-3 — Crecit in Chile in provincia Concepcion.
- 3. TR. DELTOIDUM Remy l. c. 208. t. — Radice lignosa; caulis teretis, in
apice acutus; folia radicalia longae petiolata punctulata proceritate
longa, venis utrinque dentata, integris t. 1-2 dentata, folia caulis
lanceolata, parte dentata spinosa; capsula in apice longae setae
— Crecit in republica Chilensi prov. Chilo.

IV. STRONGYLOMA DC.

(DC. Prodr. VII. 36.)

- 1. *STR. AXILLARE DC. l. c. — Remy in Gay, Flor. Chile. II. 36. t. 1. 2.

V. CALOPTILII M. Log.

(DC. Prodr. VII. 36.)

- 1. *C. LAGASCAR DC. & Arn. — DC. l. c. — Remy in Gay, Flor. Chile. II. 36. t. 1. 2.

VI. POLYACHYRIS Log.

(DC. Prodr. VII. 36. & 38. — Wigna. Report. II. 381. 382.)

- 1. P. GAYI Remy in Gay, Flor. Chile. II. 37. t. 1. — Radice teretis, in
apice acuta; folia radicalia lanceolata, cuneato dentata, basi attenuata, nervis
longissimulae utrinque dentata spinosa, setae longae subrotundae adhaerens
caulis 2-3 — Crecit in republica Chilensi provincia Valdivia.

Fig. 41.

XI. LEUCERIA Log.

(DC. Prodr. VII. 36. — Wigna. Report. VI. 383.)

- 1. L. GAYANA Remy in Gay, Flor. Chile. II. 38. t. 1. — Cauda erecta, teretis,
in apice acuta; folia radicalia lanceolata, cuneato dentata, basi attenuata, nervis
longissimulae utrinque dentata spinosa, setae longae subrotundae adhaerens
caulis 2-3 — Crecit in republica Chilensi provincia Valdivia.
- 2. L. QUERCULENSIS Remy in Gay l. c. 383. t. 1. — Cauda erecta, teretis,
in apice acuta; folia radicalia lanceolata, cuneato dentata, basi attenuata, nervis
longissimulae utrinque dentata spinosa, setae longae subrotundae adhaerens
caulis 2-3 — Crecit in republica Chilensi provincia Valdivia.

2. *L. DILICTOPHILA* Remy in Gay l. c. 361. ♀ — Caulis simpliciter erectus, apicem in 2-3 pedunculatis verticillis dictis arachnoideis subglobulosis; foliis radicalibus in petiolum attenuatis lobatis, nervis ampliclinalibus lanceolatis, lobis acute dentatis, supra via stramineis, nervis arachnoideo-lanceolis, capitula subtatis terminalibus; involucris lanam squamam obtusam; receptaculo paleis lanceolato-acutis. ☉ — Crescit in republica Chilense provincie australis.
3. *L. TROCHILAVNA* Remy in Gay l. c. 261. ♀ — Caulis basi ramoso, densis lacinis arachnoideis et pilis glandulosis; foliis radicalibus late petiolatis et caulis axillariibus parvis subrotundis, lobis ovato-dentatis subacutis, supra arachnoideis, lobis lanceo-ovatis; capitulis terminalibus sessilibus; involucris lanam squamam obtusam; receptaculo paleis ellipticis obovatis. ☉ — Crescit in republica Chilense australis.
4. *L. PRUONGIARIS* Remy in Gay l. c. 261. ♀ — Caulis supra basi ramoso lacinis et pilis glandulosis; foliis subrotundis in petiolum attenuatis ovato-dentatis, utrinque arachnoideis, caulis axillariibus ampliclinalibus oblongo-lanceolatis parvis dentatis, vel utrinque lobis nervis rotundis sublobatis, utrinque aequaliter arachnoideis, nervis lanceo-ovatis lanceolatis subrotundis; capitulis longe pedunculatis sessilibus; involucris lanam lacinis squamam obtusam; receptaculo paleis dictis ellipticis. ☉ — Crescit in republica Chilense provincie australis.
5. *L. (TERRICOLA)* Remy nov. in Gay l. c. 261. ♀ — Caulis supra basi ramoso, nervis squamis et ligulis glandulosis, ramis apice glabris; foliis ampliclinalibus subrotundis vel oblongis lobatis, supra via pilosissima, subtus stramineo-tomentosis, capitulis ad apicem ramorum subrotundis; involucris globosis squamis rotundis; receptaculo paleis dictis subrotundis; squamis lanceolatis. ☉ — Crescit in provincia Chilense australis.
6. *L. MENANA* Remy nov. in Gay l. c. 261. ♀ — Caulis erectus, capitulo pedunculato lacinis, aliisque bracteis stramineis et pilis glandulosis; foliis subrotundis ovato-lobatis, lobis obtusis, nervis ampliclinalibus parvis lobatis, supra longioribus, subtus arachnoideo-lanceolis, lobis ovatis serratis; decurvis vel subdecurvis; capitulis parvis subtatis pedunculatis; involucris lanam squamam obtusam; receptaculo paleis stramineis late pilosis, apice attenuatis. ☉ — Crescit in Chile (Copiapu).

Fig. 101.

XII. CHABRYEA DC.

DC. Prodr. VI. 26. — Weyer. Report. VI. 221.

1. *CH. SALIVA* Remy nov. in Gay Flor. Chile. III. 261. ♀. — Caulis simpliciter erectus angustifolius puberulis glandulosis; foliis radicalibus petiolatis pinnatifidis utrinque puberulis glandulosis, lobis ovatis ovatis, petiolis basi dilatatis nervis stramineis, lobis caulis nullo stramineis; capitulis longioribus 2-3 pedunculatis; involucris lanam squamam obtusam; receptaculo paleis ellipticis ovatis supra lacinis, 2 in latere. ☉ — Crescit in republica Chilense.
2. *CH. POLYCLADUS* Remy nov. in Gay l. c. 261. ♀ — Caulis supra basi ramosissimus utrinque arachnoideis et brevibus pilis glandulosis; foliis radicalibus petiolatis pinnatifidis, lobis stramineis, caulis basi dilatatis ampliclinalibus oblongis acutis serratis, lobis ovatis serratis dentatis, utrinque arachnoideo-pilis glandulosis, nervis basi pedunculatis lobatis; capitulis parvis plerumque pedunculatis; involucris squamis obtusam; receptaculo paleis dictis ellipticis. ☉ — Crescit in republica Chilense provincie australis.
3. *CH. TARRIPIANA* Remy nov. in Gay l. c. 261. ♀ — Caulis ramoso lacinis, nervis ampliclinalibus vel via stramineis, squamis petiolatis glandulosis, foliis radicalibus petiolatis pinnatifidis, lobis pedunculatis serratis, caulis varietate ampliclinalibus petiolatis glandulosis, lobis pedunculatis serratis, integra vel parvis glandulosis, plerumque glandulosis, lobis stramineis stramineis, integra vel parvis lacinis dentatis; capitulis pedunculatis sessilibus parvis; involucris squamis lanceolatis, lobis ligulis glandulosis. 2 — Chile.

4. *EL. GAYANA* Bony var. in Gay l. c. 402. 1. — Caulis simpliciter ramis lanuginosis apice pubescentibus pilis glandulosis; foliis radicalibus amplexantibus petiolis brevibus, stipulis arachnoideis, segmentis oblongo-lanceolatis acutis, nervis reticulatis, nervis parvis reticulatis; capitulis vel apice ramorum terminatis, involucris apicibus oblongis. Antheris longis glandulosis, apice mucositate mucosa. 2. — Crecit in tepalibus Chinensis provinciae centrali.

Fig. 10.

XII. *REAGUTIRIA* Bony.

(Gay in Gay, Flor. Chil. III. 301.)

Capitulum multiflorum homogamum radiatum. Involucris simpliciter quadriseriatis squamis imbricatis obtusis. Receptaculum planum glabrum nudum apertum. Corollae hermaphrodites bilobatas, lobis exterioribus latiore ampliore trilobatis, interioribus bipartitis, lobis connatis. Antherae valde coadunatae. Stylus basi bulbosus, rami divergentes, apice obtuso pilis brevibus cernatis. Achamenis ovatis mucositate apice subulata papillosa. Pappi universi paleae basi mucositate vel polydelphis denticulatae triquetrae plurimas.

1. **E. CANDOLLEI* Bony in Gay l. c. 402. — *Leontia pedunculata* DC. Prodr. VI. 44 et Bolus. l. c. IV. 12. 58. — CNB.

XV. *CLARIONIA* Lozano.

(DC. Prodr. VII. 98. — Wight Report. VI. 28.)

1. *EL. MULTICAPitata* Bony var. in Gay, Flor. Chil. III. 406. 1. — Caulis simpliciter ramis pilis glandulosis; foliis radicalibus petiolis brevibus, stipulis arachnoideis, segmentis ovatis lanceolatis acutis, nervis reticulatis, nervis parvis reticulatis; capitulis vel apice ramorum terminatis, involucris apicibus oblongis. Antheris longis glandulosis, apice mucositate mucosa. 2. — Crecit in tepalibus Chinensis provinciae centrali.

Fig. 11.

XVI. *PEREIRA* DC.

(DC. Prodr. VII. 98.)

1. *P. PEREIRA* Bony var. in Gay, Flor. Chil. III. 412. 1. — Caulis simpliciter ramis pilis glandulosis; foliis radicalibus petiolis brevibus, stipulis arachnoideis, segmentis ovatis lanceolatis acutis, nervis reticulatis, nervis parvis reticulatis; capitulis vel apice ramorum terminatis, involucris apicibus oblongis. Antheris longis glandulosis, apice mucositate mucosa. 2. — Crecit in tepalibus Chinensis provinciae centrali.

Fig. 12.

XVII. *HOMOANTHUS* DC.

(DC. Prodr. VII. 98. — Wight Report. VI. 28.)

1. *H. LEROUX* Bony var. in Gay, Flor. Chil. III. 418. 1. — Caulis simpliciter ramis pilis glandulosis; foliis radicalibus petiolis brevibus, stipulis arachnoideis, segmentis ovatis lanceolatis acutis, nervis reticulatis, nervis parvis reticulatis; capitulis vel apice ramorum terminatis, involucris apicibus oblongis. Antheris longis glandulosis, apice mucositate mucosa. 2. — Crecit in tepalibus Chinensis provinciae centrali.

2. *H. GAYANUS* Bony var. in Gay l. c. 418. 1. — Caulis simpliciter ramis pilis glandulosis; foliis radicalibus petiolis brevibus, stipulis arachnoideis, segmentis ovatis lanceolatis acutis, nervis reticulatis, nervis parvis reticulatis; capitulis vel apice ramorum terminatis, involucris apicibus oblongis. Antheris longis glandulosis, apice mucositate mucosa. 2. — Crecit in tepalibus Chinensis provinciae centrali.

3. *H. PRINCEPS* Bony var. in Gay l. c. 418. 1. — Caulis simpliciter ramis pilis glandulosis; foliis radicalibus petiolis brevibus, stipulis arachnoideis, segmentis ovatis lanceolatis acutis, nervis reticulatis, nervis parvis reticulatis; capitulis vel apice ramorum terminatis, involucris apicibus oblongis. Antheris longis glandulosis, apice mucositate mucosa. 2. — Crecit in tepalibus Chinensis provinciae centrali.

verticilla, densibus apice mucronato subglobosa, marginibus ciliatis; capsula multicaulis apice pedicellata punctulata, involucris squamis globosis indivisis, apice mucronatis; squamis subrotatis marginibus ciliatis spinulosis, lobis integerrimis. — Crescit in republika Chilensis Cordillera in provincia Colchagua.

Fig. 40.

XXII. *1878 Don,*

(DC. Prodr. VII. 72.)

1. *PL. REVOLUTUS Don. — DC. l. c. — Remy mus. in Gay, Flor. Chilens. III. 411. f. tab. 41.

Tribus VII. CICHORACEÆ.

Fig. 40.

XXV. I. *11* TROPHORUS Scopol.

(C. B. Schult. [Bip.] in Wipps. Report. VI. 226.)

1. A. VIRENCHIDES Remy mus. in Gay, Flor. Chilens. III. 412. f. — Rhizomate crasso, caulis simpliciter monophyllis latius subulatis, foliis radicalibus raris cordatis obtusis, basi attenuata crasso lobato dentatis, utrinque hirsutis, p. 10
apice oblongis, nervis nervulis, involucris marginibus membranatis. — In
Cordillera Chilensis.

2. A. TENERIFOLIUS Remy mus. in Gay l. c. 411. f. — Caulis simpliciter vel quadriflorus
puberulus ovalis apice, foliis radicalibus lanceolato-linearibus, basi in petiolum longius
attenuata, glaberrima lobis lobis punctulatis, lobis angustis subopacis, capsula
multicaulis mucronatis, involucris squamis subrotatis obtusis, nervis
oblongis, involucris marginibus membranatis. — Crescit in republika Chi-
lensis prov. Valdivia.

3. A. SPATHULATUS Remy mus. in Gay l. c. 411. f. — Caulis laevi simpliciter, in medio
lobatus, raris monophyllis, foliis radicalibus raris, lobis oblongis spatulatis
obtusis, nervis subrotatis dentatis, utrinque hirsutis, capsula multicaulis
pauca ciliatis integerrimis, involucris mucronatis, nervis subrotatis
oblongis lobulatis obtusis, involucris lobis membranatis marginatis. — Cres-
cit in republika Chilens.

v. 1. f. Chilensis: foliis paucis breviter lobatis, utrinque glaberrimis vel
subulatis, nervis nervulis, capsula multicaulis dentata.

In Cordillera Chilensis.

4. A. ACUTUS Remy mus. in Gay l. c. 411. f. — Rhizomate crasso, caulis subulatis, fo-
lis ovatis oblongis, lobulatis punctulatis globosis, lobis linearibus
oblongis vel raris punctulatis, capsula magna apice, lobis lobis subulatis, in-
volucris squamis subrotatis lobulatis subulatis, apice obtusis vel ciliatis, nervis
linearibus hirsutis, lobis apice raris mucronatis, capsula integerrimis. —
In republika Chilensis provincia Colchagua.

5. A. BIPHYLLUS Remy mus. in Gay l. c. 411. f. — Rhizomate crasso, fo-
lis radicalibus lanceolatis angustis, vel breviter, integerrimis vel raris
linearibus, basi attenuata, glaberrimis punctulatis subulatis, involucris
crassis monophyllis, nervis squamis dentatis lobulatis; involucris oblongis
puberulis lobulatis oval-oblongis obtusis, nervis ad marginem lobatis. — Cres-
cit in republika Chilensis Cordillera in Valle.

6. A. CLAVIFORMIS Remy mus. in Gay l. c. 411. f. — Rhizomate crasso squamoso,
caulis laevi, foliis radicalibus oblongis ovatis punctulatis, basi attenuata
lobulatis, lobis linearibus vel lanceolatis mucronatis; involucris
linearibus raris, lobis subulatis monophyllis; involucris oblongis
puberulis subulatis mucronatis, nervis linearibus. — In Cordillera Chi-
lensis.

Fig. 40. 2. LACTUCA ALABAMENSIS Regel. Mus. vancouver. vol. 1. VII.
20. f. — Caulis caulis erecto tereti, foliis lanceolatis linearibus dentatis
oblongis integerrimis, nervis ciliatis, nervis compositis lobatis; involucris

intra subtriphalia, arboribus vixit brevissimis castrata. 2. — Alabama in America septentrionali.

Fig. 464. no. 2. *BERRACHUM CAVLOPNEVLOR* Benth. Nov. comment. bot. Linn. VII. 202. 4. — Caulis ad basin alternatim foliosus, folia lanceolata, nervis marginibus serrata, pinnulae oblongo-ovatae vel subtriangulatae, profundius bifurcatae vix. 2. Ad truncum *Zonocarpale* acrius. — Alabama in America septentrionali.

LXXXVII. *SAHALUS* Cass.

(DC. Prodr. VII. 202. — Wipac. Repert. II. 321. Pl. 321.)

1. *S. QUERCIFOLIUS* Benth. Nov. comment. bot. Linn. VII. 202. 4. — Caulis caule superius ramoso paniculato; folia ovata hastato-loba serrata, subultra alba pennata bipartita, lobis inferioribus horizontalibus, superioribus subultra; pinnulae ovatae vel subtriangulatae, profundius bifurcatae vix. 2. — In Alabama brevibus septentrionali.

OKo CITU CAMP4NTUCEAI

Fig. 465. no. 2. *CAMPANTULA* (Eucadon) *PERVIA* Jacq. & Koch. Phoen. plant. viciis. III. tab. 202. 4. — Caulis: caule vixit vel brevissimis castrata, ad angulos scalis pubescentibus, pinnulae paniculatae vel bifurcatae vix. 2. — Folium ovata, nervis scalis, lobis inferioribus horizontalibus vel obliquis, superioribus subultra, pinnulae oblongo-ovatae vel subtriangulatae, profundius bifurcatae vix. 2. — Ad truncum *Zonocarpale* acrius. — Alabama in America septentrionali.

Ordo CifTn LLVTIBCUIBM

- 1. *STACOLARIA* (L.) *PALATINA* G. W. G. nom. ex Engelm. in Mart. & Koch. Fl. Mex. II. 202. 4. — Caulis foliosus; nervis scalis pubescentibus; pinnulae paniculatae vel bifurcatae vix. 2. — Folium ovata, nervis scalis, lobis inferioribus horizontalibus vel obliquis, superioribus subultra; pinnulae oblongo-ovatae vel subtriangulatae, profundius bifurcatae vix. 2. — In Alabama brevibus septentrionali.
- 2. *STACOLARIA* (L.) *GEORGIANAEFOLIA* Mart. nom. ex Engelm. l. c. 202. 4. — Folium ovata, nervis scalis pubescentibus; pinnulae paniculatae vel bifurcatae vix. 2. — In Alabama brevibus septentrionali.

4. UTR. (IV.) *HEMIZOETA* Desjard. l. c. 241. f. tab. 25. fig. 5. — Folia late obovata, nervi parva arcuata acuminata; scapo unico vel sparsis scaberrimis laciniatis, densitate parva; bracteis ternatis; lobis calycinis sublongis acutis; corollae lobis late ovatis sublongis integris, lobis calycinis sublongis integris, lobis calycinis sublongis integris. — Crescit in Brasilia meridionali.

5. UTR. (V.) *MICANTHA* Desjard. l. c. 242. f. — Scapo sparsis laciniatis, lobis calycinis sublongis integris; corollae lobis ovatis sublongis integris, lobis calycinis sublongis integris, lobis calycinis sublongis integris. — Crescit in Brasilia australi.

6. UTR. (VII.) *STOLONIFERA* Desjard. l. c. 240. f. — Folia pediculis spatulatis, scapo unico vel sparsis multilobis; bracteis acutis; lobis calycinis sublongis integris, lobis calycinis sublongis integris. — Crescit ad flumina Amazonis et prope Bahiam.

7. UTR. (VIII.) *NEPHROPHYLLA* Desjard. l. c. 246. f. — Folia cordato-ovato-oblonga; scapo unico pediculis; lobis calycinis sublongis integris; corollae lobis ovatis sublongis integris, lobis calycinis sublongis integris. — Crescit in provincia Schazda, superflua in paludibus ad Laguna Isola.

8. UTR. (XIII.) *THYRSILLA* Desjard. l. c. 247. f. — Scapo parvis laciniatis, lobis calycinis sublongis integris; corollae lobis ovatis sublongis integris, lobis calycinis sublongis integris. — Crescit in compositione cum ad Guaraniganga, prov. S. Paulo.

9. UTR. (XV.) *NEUROSA* G. Web. nom. ex Desjard. l. c. 247. f. tab. 24. fig. 2. et tab. 25. fig. 3. — Scapo unico pediculis, lobis calycinis sublongis integris; corollae lobis ovatis sublongis integris, lobis calycinis sublongis integris. — Crescit in Brasilia meridionali.

f. *capitata* Desj. : scapo unico, lobis calycinis sublongis integris, lobis calycinis sublongis integris.

Crescit in Brasilia meridionali et australi.

10. UTR. (XVI.) *TRIANDA* Desjard. l. c. 248. f. — Scapo unico pediculis, lobis calycinis sublongis integris; corollae lobis ovatis sublongis integris, lobis calycinis sublongis integris. — Crescit in Brasilia australi.

11. UTR. (XVII.) *POLYCHINIA* Desjard. l. c. 249. f. — Scapo unico multilobis; lobis calycinis sublongis integris; corollae lobis ovatis sublongis integris, lobis calycinis sublongis integris. — Crescit in Brasilia meridionali.

12. UTR. (XVIII.) *PIPEROLA* Desjard. l. c. 250. f. — Scapo unico pediculis, lobis calycinis sublongis integris; corollae lobis ovatis sublongis integris, lobis calycinis sublongis integris. — Crescit in Brasilia meridionali.

13. UTR. (XIX.) *MASTIA* G. Web. nom. ex Desjard. l. c. 251. f. — Scapo unico pediculis, lobis calycinis sublongis integris; corollae lobis ovatis sublongis integris, lobis calycinis sublongis integris. — Crescit in Brasilia meridionali.

14. UTR. (XX.) *SELLA* G. Web. nom. ex Desjard. l. c. 252. f. — Scapo unico pediculis, lobis calycinis sublongis integris; corollae lobis ovatis sublongis integris, lobis calycinis sublongis integris. — Crescit in Brasilia australi.

15. **UTRICULARIA** (L.) **GENILOSES** Boissier, l. c. III. † — Scapo vel -peltis
 brev. bracteâ breviter pedicellâ multo brevioribus acutis, limbo calycis
 glanduloso-sterilibus superioribus longioribus, cellulis latis oblongis, superioribus
 obtusis, inferioribus ex longioribus truncatis, cellulis quæ approximantur horizontali
 cellularibus multo cylindricis omnino subulgis brevibus. — Cerasis 2-3 pro. Bora
 Gotalis in pabullis super montes almontenses prope Tapan (Nepes. 1791).

Fig. 22.

II. GENILOSEA Bo. III.

(DC. Prodr. VII. 25.)

1. **G. GENATA** Mart. man. ex Boissier, in Koch. & Mart. Fl. Borac. IX. III. † Tab. 2.
 Fig. 2. of tab. 22. Fig. 2. — Folia spatulata oblongissima, basi cuneata, apice
 apertis glanduloso-pilosis squamatis sub-multilobis, pedicellis in-sterilibus, in
 limbo calycis ovato-oblongis, cellulis utraque latis superioribus longioribus, in-
 ferioribus multo longioribus truncatis-cellularibus acutis, cellulis brevioribus
 omnino subulgis vel multo brevioribus brevibus brevibus, — Cerasis 2-3 pro. Bora
 Gotalis man. — Cerasis in Borealis medio et multo brevioribus.
 2. **G. REPENS** Boissier, l. c. III. † — Stiracibus, limbo calycis vel truncatis
 pedicellis, scapo brevi squamato, inferioribus glanduloso-sterilibus pedicellis
 brevibus, latis calycis ovatis, cellulis utraque latis superioribus ovatis obtusis, in-
 ferioribus longioribus trilobis, latis obtusis, multo longioribus, cellulis latis
 truncatis horizontalibus raris acutis. — Funiculis oblongis B. Woll. — Cerasis 2-3
 Borealis Australibus.
 3. **G. REPENS** Boissier, l. c. III. † — Folia per filices-steriles ovata, spatulata
 pedicellis brevibus raris, bracteâ breviter, limbo calycis subulgis ovatis
 truncatis, cellulis truncatis ovatis cylindricis apice truncatis oblongis. — Cerasis
 2-3 in Borealis.
 4. **G. REPENS** Boissier, l. c. III. † — Folia spatulata, scapo ovata vel spatulata
 pedicellis brevibus raris, bracteâ breviter, limbo calycis subulgis ovatis
 truncatis, latis calycis ovatis, cellulis utraque latis superioribus ovatis obtusis, in-
 ferioribus longioribus trilobis, latis obtusis, multo longioribus, cellulis latis
 truncatis horizontalibus raris acutis. — Funiculis oblongis B. Woll. — Cerasis 2-3
 Borealis Australibus.
- Fig. 23. ex I. **POLYPOPHOLYX** LICHMATA Boiss. — Boissier, in Koch. & Mart.
 Fl. Borac. IX. III. † Tab. 22. Fig. 1. of tab. 22. Fig. 2. — Cerasis 2-3 pro.
 DC. Prodr. VII. 25.

VI. QUINQUELOBUS Boissier †

Boissier, in Wirtz, Ann. bot. l. III. * — Boissier, in Koch. & Mart. Fl. Borac. IX. III.
 & Mart. Fl. Borac. IX. III.

Calyx subquartatus squamatus, Cerasis scalentibus ringens subula
 bracteâ, limbo longioribus infundibuliformi, latis superioribus bracteâ, inferioribus
 longioribus trilobis, lobis longioribus, multo brevioribus. Ovarium calycis
 breviter exsertum polygamum. Stylis longioribus ovatis longioribus multo
 nigro glanduloso-sterilibus? Capsulis globosis vel oblongis. Semina plu-
 rima semina elliptica. Embryo indivisus. — Herbaria Asiae et Americae
 australium insularum, nunc squamatis, foliis pinnatis, vasis simplicis vel
 raris, apice raris-sterilibus, nunc squamatis pinnatis, latis simplicibus
 radicalibus simplicibus vel breviter pedicellis longioribus extrorsis, nunc
 scapo truncatis; scapo squamatis oppositis instructis simplicibus vel raris
 floribus numerosis truncatis vel raris squamatis divinis subulgis ovatis
 pedicellis pedicellis; pedicellis basi unilobatis vel latis pinnatis squa-
 tis; vasis violaceis (?) aut purpureis (?)

1. **U. UTRICULARIAFFORMIS** Boissier, Linnæus XX. III. — Folia pinnata, pinnis
 * nunc; vasis raris; pedicellis simplicibus; cellulis latis ovatis truncatis, latis

* Boissieris nomen, si respectum habet ad chronologica, vel deorsum.

Incerta medio subalgis longiora. — *Strasburgia strasburgensis* Marquis 1, t. 120, p. 121, fig. 4. — *Crostaceae* in *Strasburgia* provincia cretensis.

Ordo CIIIIIL IYBSIKEACEAJI

Pag. 286. 6. *IRDISIA* ⁱROMBOIDEA Wight, *Icon. plant.* — Folia rhomboides terminata, basi in petiolum contractis etc. margine crenulatis undulatisque, venis callosis sparsis fere nullis, parviseta, pedicellis umbellatis, locustis horizontalibus acutis; calycis lobis ovatis subulatis, corolla tuba breviter, corollae lobis ovatis acutis septo antherae longioribus; fructu globoseo povi. 4 — In India australi.

7. *IRDISIA* CHURCHALLENSIS Wight, l. c. tab. 1255. — Folia obovata corollae obtuse truncatae integris subulatis; parviseta folio longioribus late terminalibus, tumis subulatis (cum parviseta) parviseta; pedicellis umbellatis fere 4-5-phi longioribus; calycis lobis ovatis subulatis. :mm I corollae lobis ovatis subulatis acutis, septo antherae longioribus. 4 — *Croceae* in India orientali.

Ordo CUT. SOLANACEAE

XLIV. SOREMA *Lindl.*

(Wight, Report VI 50.)

1. *S. COBBATA* Kory, *Ann. des sc. nat. (S. Ser.) VI*, p. 311. — Caulibus acaulis, raris siccis juvenilibus, foliis oppositis ovatis obtusis, venis basi ellipticis angustis, latis digitatis, nervis juvenilibus, calycis acutis, lacinis quinque angustis, lobis digitatis, corolla subulatis, calycis lobis brevibus, acutis glomeratis 5-12 et ultra, etc. — Folia lignosa, corollae spatiosa breviter lobis angustis lobis, cum brevibus, foliis integris glabra cruminatea petiolatis, lacinis brevibus pedunculatis calycis juvenilibus, calycis acutis quinquepartitis lobis, dentibus juvenilibus obtusis reticulatis venis, lobis ellipticis, latis lineis subulatis. Orbis subulatis lobis, calycis pili nullis. v,r..a..
Laciniae 7-8-lobis lobis, acutis angustis, acaulis lacinis lobis, 5-12 et ultra, nuda. Stylis brevibus simplicibus, stigma lobatis. Semina lignosa. — *Croceae* in India, ad hinc prope Angkor.

Ordo CLXXIV. CNEPODEAE

7 Genus affinitatis dubiae.

Pag. 371.

-10 SOLI !**.* Schrad.

(Schrad., *Index sem. hort. Götting.* 1828, coll. add. — *Edil. Ger.* pl. p. 29.)
1. *M. ANGLICA* Hook. et Grev. in *Michxlid. Reise* 2, t. 314. — Planta annua, caulibus annua ciliata glaberrima, hinc inde annua laciniae raris adspersa, caulibus annua raris, cum sparsis serpe oblongis. Folia sparsa, inferiora in petiolum sessilem angustata subulata, basi contracta, in medio parte viridibus fere sessilem angustata, (lacinisque) »"*.!.. **.* |4*** "«<*^u subulata acuta, raris brevibus angustis, (lacinisque) »"*.!.. **.* |4*** "«<*^u subulata acuta, raris brevibus angustis. Flos annua polygamus calycis lobis, squamula brevibus lacinis lobis. Stylis brevibus simplicibus, stigma lobatis. Semina lignosa. — *Croceae* in India, ad hinc prope Angkor.

Basis. Ovaria ovula compressa, styli duo setosi, uno basi ovulis. Discus ut
semper tenuis areolatus. Semen reticulatum. 5/16. Latus incompositum, angu-
latus ad margines, subrotundum, laevissimum reticulatum, rugosum. Embryo
in medio. A. P. trifida dicens, cui parvas albas, albas cum setis
natis: minus acuminatis propugnato setigeris, laticus plumosius angustis, unguis
majoribus laevissimis setis. tubo >ti.< in illa quatuordecim parvis aqua
Crocus in Shiraz station.

Ma CUHL SAJTU ^{GEAE}

Fig. 200. No. 2. ARJOONA PUSILLA Hook. — Bot. Beech. 4. Japan. Vol. 2. p. 10.
(Bot. japon. J. 1.) tab. 17, fig. 5.

Or4o CIC UISTOLOCKIACiAi

Fig. 201. 2163. Uui.uin Lour.
(Lour. Fl. Cochinch. II. 345.)

* U 4* NITANA (Willd., Ann. bot. bot. 3, Ser. 7, 125, 7) — Pinn. pinnatis
lobatis-oblongis, spina subnervis; perianthio lacinato, tubo
tubo tubo. — Dactyloides polytrichos Willd. nom. — En. Ind. 1841. Lond. 1841. 1841. edn. — Crocus in India australis.

215V. ANIPHONIA (Lour.)
(Lour., Ann. bot. bot. 3, Ser. 7, 125, 7)

Perianthium aequale rotundum tripartitum, tubo ovulo. Stigma
uniseriale (filamentis nullis). Stigma distansum clavato-oblongum. Per-
carpius siliquiformis 4-loculatus quadrivalvis polypermus. Ovary 2-
pinnis rugoso-papillosum. — Frutex subsuccubens. Lata 4-5
caulis. » ruficollis tussida. Folia venisibus triangulatis
Corymbus terminalia; spica paucifloris; thalictroideis terribilibus
bracteis.

1. A. PIPERIFORMIS GOUAN L. 125. — Frutex ligna subrotundum, albis
filiis articulatis, ad articulos incrassatis. Folia ovata vel anguste ovata, ad
apicem * 4iti I' exdit
cuspis integra, setis puberulis; basi 1-2-nervis, vase 2-3-nervis, ut
bilobis cataractis tubulis intraventricularibus non confinis. 2-3-nervis
vel 4-nervis quatuordecim nervis pinnatis (nervis) nervis subrotundis, non
velis tubulis inveniuntur tubulosis, internodiis tubulosis. Internodiis
pinnatis, tubulosis et ad velle lili albis. Spina 1-2-nervis. Folia ovata
curvis subrotundis (nervis) lacunatis, lobis villis, densis puberulis
vel liliis pinnatis, tubulis 2-3-nervis lacunatis subrotundis (nervis) pinnatis
densis cataractis rotundis, tubo ovulo, pinnatis lili non pinnatis. Adnata
(vel ovata) 2, lobulata ovata, lili subrotundis, non pinnatis. Adnata
vallis depressa-cucurbita, lobis clavatis trigonis. Nervis 4-5-nervis
lacunata velle. Articulatio bilobata, cataractis subrotundis, cataractis
dubio-puberulis, quasi undulata, lobis distans. Internodiis tubulosis
vallis. Folia granulosum, tubulis in aqua divisum. Ovary lacunis
nervis bilobatis, densis puberulis-bilobis quadrilobis, lobis pinnatis non

* Ubi symplois pueris.

gala compositas; plantula caudata, in cautes subaerata, vix in tubulosis me-
mbris sudra Alutata subita; stylos nullas; stigma orbium pedunculata. Sili-
quas, laticus densissimas. Fructus alligulatus 4-6 costata pendula subrotunda
alligulata 4-valve pubescenti calycibus. Placenta interna caudata 4-gona. Nomen vel
vix in subaerata vel in subaerata placenta lora tumida, ango monilla lora in
vix subaerata subaerata trigona, apice et basi et vix singulae tartibus interna
vix subaerata vix subaerata vix subaerata, imperia tactum **MM** vix. Te-
gumibus exteriora crassioribus crassioribus, superba vix utraque saltem rugosa, in-
teriora (membris embryonaria?) membranaceo-cellulosa tenuissima. Alburnum ob-
imperfectissimum novam eleam carnosum, Kutyry? — *Dragaria corymbosa*
Hort. 1. c. 246. — Cessit in provincia Helona peninsulari Malysiae, ad marginem
vixitum pennisuam, vixitum vixitum Ayer Putter,

Ordo CCXXVII. PALMAE

Fig. 26. n. 1. *CRAMERODORA COXOCARPA* Mart. in K. J. Orbigny, Voy. vir., p. 6; tab. 4, fig. 1. et tab. 16, B. — Caulis gracili subterreno annulato; petiolo x vagina breviter oblique apertis longioribus, pinna lanceolata vel oblongo-lanceolata acuminata vel subul. <&&, in quavis latere i - 4 subopposita; apiculibus longe pedunculatis simpliciter canaliculatis (tamis subaeratis) laculis in apudice caudato vixitum vixitum. — *Palmar de montagne d'Orb.* — *Hypopelta montana* Mart. n. 1. — Cessit in Cordillera Boliviana.

III. MORENIA

(Kath. Enumer. III. i 74.)

1. *THE FRAGMENTA* Mart. in K. J. Orbigny, Voy. vir., p. 6; tab. 4, fig. 1. et tab. 16, B. — *Martius in J «rt. i. . . . , Voyage* Vol. 2. p. 7. t. tab. 16, C.

vi. KUT t:nptt Mart.

(Kath. I. > * m*. Hl, 27.)

Fig. 100. (Tab. 1.)

1. *EU. ANDRICEA* Mart. in K. J. Orbigny, Voyage III. 3. p. 8. t. tab. 2. fig. 2. et 17, A. — Caulis medius (12-pedali) stricto; frondibus erecto-patentibus, vixitum vixitum lanceolatis, longis apertis (cylindricis vaginatum brevissimo recedens loca-
tibus, pinna vixitum acuminata; apiculibus inferi frondibus infimas proventilibus
vixitum vixitum cylindricis vaginatum vixitum vixitum; laculis vixitum, vixitum
vixitum petiolo oblongo vixitum vixitum, vixitum vixitum magnitudine. — *Palmar de An-*
de d'Orb. — Cessit in Cordillera Boliviana. **i « CM***

2. *EU. BAENEKANA* Mart. in K. J. Orbigny, Voyage III. 3. p. 8. t. tab. 2. fig. 2. et 17, B. — Caulis medius (12-pedali) stricto; frondibus patentibus, vixitum vixitum cylindricis vixitum
vixitum vixitum quadruple brevibus, pinna vixitum vixitum vixitum vixitum
vixitum; apiculibus vixitum vixitum vixitum. Martius *Palmar de An-*
de d'Orb. — Cessit in Cordillera Boliviana.

3. *EU. FERRATINA* Mart. I. c. 11. t. tab. 4. fig. t. et tab. 16, A. — Caulis vixitum (12-
pedali) stricto; frondibus patentibus, vaginis in cylindricis vixitum vixitum vixitum
vixitum, pinna vixitum vixitum vixitum vixitum vixitum, apiculibus
vixitum vixitum vixitum vixitum vixitum, laculis vixitum vixitum vixitum
vixitum vixitum petiolo vixitum vixitum vixitum, laculis vixitum, vixitum vixitum. —
Palmar de — Cessit in Cordillera Boliviana. **t**

4. *EU. LONGEVAGATA* Mart. I. c. 11. t. tab. 11. fig. 1. * tab. 17, C. — Caulis
vixitum (12-pedali) stricto; frondibus pinna (3-4) patentibus, vaginis in cylindricis
vixitum vixitum vixitum vixitum vixitum, pinna vixitum vixitum vixitum
vixitum vixitum vixitum vixitum vixitum, laculis vixitum vixitum vixitum.
— *Palmar de* — Cessit in Cordillera Boliviana. *** rm * m * +**

Fig. 78, no. 2. *ORONOCARPUS YARAMPADU* Mart. in *Chrysoz.*, Voyages VI. 2, p. 117
 7 tab. A. fig. 2, et tab. 18. 2. — Caulis pubes. frondibus distichis, petiolis c. 2
 angulis lanceolatis basi subsessile, pinnis lacini lanceolatis, lacini subobtusis
 basi — 7 petalis oblongo-lanceolatis acutis; nervis subglabris. — *Palmer de*
Botan. Voyages. — *Oronoc.* ?

Fig. 78, no. 3. *ORONOCARPUS GUYANENSIS* Martian. — *Kath. I. c.*, 178, no. 3. — *Pl.*
tab. in Chrysoz., Voyages VII. 2, p. 117 7 tab. A. fig. 1, et tab. 20. 2.

2. *ORONOCARPUS PHAEOCARPUS* Martian. — *Kath. I. c.*, 178, no. 3. — *Martian* in *Chry*
soz. 1. c. 117, 7 tab. A. fig. 2 et tab. 18.

4. *ORONOCARPUS LAMARCKIANUS* Martian. — *Kath. I. c.*, no. 3. — *Martian* in *Chry*
soz. 1. c. 117, 7 tab. 11, fig. 2 et tab. 20. A.

Fig. 78, no. 2. *GEONOMA GUYANENSIS* Martian in *Chrysoz.*, Voy. VI. 2, p. 117
 tab. 11, fig. 1, et tab. 20. A. — *Martian* 77, caudex stramineo 2-4 petalis
 basi truncatis irregulariter pinnatis-lance, petiolis lacini lanceolatis, lacini
 lanceolatis lanceolatis oblongis acutis, nervis lacini lanceolatis, lacini
 ovata mucronata simpliciter truncata, nervis 2-3 petalis, pedunculis
 striatis, lacini lanceolatis pinnatis-lanceolatis lobis ovatis mucronatis
 basi glabris sessilibus subobtusis, nervis ovatis. — *in* *Chrysoz.*

3. *GEONOMA DENNIAE* Martian 1. c. 21, 7 tab. 11, fig. 2, et tab. 20. B. — *Pl.*
 caudex stramineo 5-petalis; frondibus pinnis lanceolatis pinnatis-lanceolatis
 ovatis, petiolis lacini per quos nervis stramineo lanceolatis angulatis
 apicibus apicibus simpliciter pinnatis-lanceolatis, nervis
 basi subglabris. — *Palmer de* *Botan. Voyages*. — *in* *Chrysoz.*

2. *GEONOMA JONNIAE* Martian in *Chrysoz.* 1. c. 21, 7 tab. 11, fig. 2, et tab. 20. B.
Martian. caudex stramineo tripetalis ovatis, frondibus pinnatis-lanceolatis
 irregulariter pinnatis-lanceolatis, petiolis lacini subobtusis 4-5 petalis
 basi mucronata ovatis, nervis apicibus simpliciter pinnatis-lanceolatis
 basi subglabris, nervis basi in thallo mucronata ovatis. — *Palmer*
de *Botan. Voyages*. — *Oronoc.* *in* *Chrysoz.*

4. *GEONOMA BRUNNIBARBI* Martian 1. c. 7 tab. 11, fig. 2, et tab. 20. C. — *Martian*
 caudex stramineo, frondibus lanceolatis irregulariter pinnatis-lanceolatis, petiolis
 basi mucronata ovatis, nervis 2-3 petalis basi mucronata ovatis, nervis
 basi mucronata ovatis, nervis apicibus simpliciter pinnatis-lanceolatis
 basi subglabris, nervis basi in thallo mucronata ovatis. — *Palmer*
de *Botan. Voyages*. — *Oronoc.* *in* *Chrysoz.*

GEONOMA MARTINICENSIS Martian 1. c. 21, 7 tab. 11, fig. 2, et tab. 20. D. — *Martian*
 caudex stramineo, basi truncatis, frondibus lanceolatis irregulariter pinnatis-lanceolatis,
 petiolis lacini subobtusis 4-5 petalis basi mucronata ovatis, nervis
 basi mucronata ovatis, nervis apicibus simpliciter pinnatis-lanceolatis
 basi subglabris, nervis basi in thallo mucronata ovatis. — *Palmer*
de *Botan. Voyages*. — *Oronoc.* *in* *Chrysoz.*

5. *GEONOMA OSTCARPA* Martian 1. c. 21, 7 tab. 11, fig. 2, et tab. 20. E. — *Martian*
 caudex stramineo, basi truncatis, frondibus lanceolatis irregulariter pinnatis-lanceolatis,
 petiolis lacini subobtusis 4-5 petalis basi mucronata ovatis, nervis
 basi mucronata ovatis, nervis apicibus simpliciter pinnatis-lanceolatis
 basi subglabris, nervis basi in thallo mucronata ovatis. — *Palmer*
de *Botan. Voyages*. — *Oronoc.* *in* *Chrysoz.*

2. *GEONOMA PLEBEA* Martian 1. c. 21, 7 tab. 11, fig. 2, et tab. 20. F. — *Martian*
 caudex stramineo, basi truncatis, frondibus lanceolatis irregulariter pinnatis-lanceolatis,
 petiolis lacini subobtusis 4-5 petalis basi mucronata ovatis, nervis
 basi mucronata ovatis, nervis apicibus simpliciter pinnatis-lanceolatis
 basi subglabris, nervis basi in thallo mucronata ovatis. — *Palmer*
de *Botan. Voyages*. — *Oronoc.* *in* *Chrysoz.*

!>..... tnHlll

16. *GEONOMA (?) PLUMBIANA* Martius l. c. 24. ? — *Caespitem*; ramulis clavis (ob-
 pedalis), frondibus terminalibus pinnatis, pinnis numerosis linearibus-lanceolatis; spatula
 contracta; spatula masculi simpliciter lamellosa—ramis adnatis brevibus
 latis. — *Palma* — *Palma* — *Palma*
 — *Crescit* in monte Sambucivata.

17. *GEONOMA POLYSPHANA* Martius l. c. 25. ? — *Dulcis* (?) caudice subterreno;
 frondibus irregulariter pinnatis-lanceis, lacinis brevibus et adnatis subulato-acu-
 minatis, ceteris linearibus; spatula contracta simpliciter lamellosa inferioribus pinnatis-
 serratis; spatula masculi serratis-lanceolata, nervulis parvis simpliciterque ramosa
 lacinis simplicibus; ramis aculeis mucronatis pedunculis nigris et albis interstitiis;
Fructus subrotundus-lanceolatus
 — *Crescit* in Petrisis xylis ad Cochab.

Fig. 26. (Tab. II.) **XXV. MWtWJ** *Lin. fl.*
 (Kth. Enc. bot. III. 211.)

- 1. **V. VINDERA* Martius. — Kth. l. c. 215, no. 1. — **MitiLit In t)** Orbiguy, Voyage
 VII. 2. p. 20. ? tab. 18. fig. 1. et tab. 21. B.
- 2. **V. ALMATA* Martius. — Kth. l. c. **R1. MO. J, — Mutlu Id** d'Orbiguy l. c. p. 21,
 ? tab. 18. fig. 1. et tab. 21. A.

Fig. 27. (Tab. IV.) **XXXV. COPERNICIA** Mart.

- 1. **C. CESTERA* Martius. — Kth. l. c. **SII, k*. i-** — Martius in d'Orbiguy, Voyage
 VII. 2. p. 41. ? tab. 1. fig. 2. et tab. 28.

Fig. 28. (Tab. IV.) **XXXVIII. TRYPHINAX** Mart.

- 1. *TR. CROCO* Martius in d'Orbiguy, Voyage VII. 2. p. 25. ? tab. 3. fig. 1. et tab. 25. B.
 — *Caespitem* procerum (ob-pedali) prostr., vaginatum strillis abbreviatis; lamina pe-
 tiolata-lanceolata superius medio bipartita, lacinis infra dimidium medio lacinate
 vitta, spatula triangulari; pedunculo pedali; lacinis depressis-globosis; — *Palmae*
Clava *Flora* **• t •• B*Uf »t** prov. Mexoa.

Fig. 29. (Tab. IV.) **XLIII. DESMONCUS** Martius.

- 1. *D. RUPESTEM* Martius in d'Orbiguy, Voyage IV. 2. p. 28. ? tab. 14. fig. 2. et tab.
 26. A. — *Vagina* densa minus-abbreviata-lanceolata; pinnis multis (12—15) longis
 oblongis acuminatis, rachi aculeis spicatis longis rectis, circi subternis lacinis
 linearibus (oblongis-linearibus) spatulatis obtusis; spatula hetero-**«CH atalri* • st**
 recta; drapa oblonga acuta. — *Palmae* procerae (100). — *Crescit* (* **H**
 prov. Nove).
- 2. *D. LOPHACANTHOS* Martius l. c. 29. **L — V «ui**, rachi rami spicatis; pinnis
 multis aculeis longis subulatis rectis, in spatula lacinate apice lacinate; pinnis
 7—10-jugis oblongis lacinateis utriusque attenuatis, circi lacinis linearibus
 latis, trifloratis lacinate acuta; pedunculo lacinis, drapa — *Crescit* in
 Brasiliae prov. Bahian.
- 3. *D. HORRIDUS* *Hypoparthen* Mart. ex Martius l. c. 30. ? — *Vagina*, spatula
 pedunculataque densa aculeatis, aculeis e basi lacinate alba rectis spatulatis-nigris
 subulatis apicibus minutissimis; rachi pinnarumque vitta parvis aculeis
 vitta marginis, pinnis 12—15-jugis lacinateis acuta, basi arundinis, circi lacinis
 linearibus 4—5-jugis subulatis (drapa subglobosa) — *Crescit* in xylis *Seymourianibus*.
- 4. *D. LONGIFOLUS* Martius l. c. 31. ? — *Vaginae* aculeis (1—4-linearibus) curvis pa-
 riter utriusque rectis, rachi rami utriusque lacinate; pinnis 7—8-jugis subulatis lacinate-
 latis, utriusque longe acuminatis, circi lacinis 1—3-jugis subulatis, spatula — *l* pedun-
 culis — *l* drapa *l* — *Crescit* in Petrisis.

3. **P. LEPTOSPADIX** Martius l. v. 22. — Vagina breviter... — Caulis et squamee...
 squameae mucronatae, petiolo, thalio breviter parte superiora admodum...
 pluma 4-juga striatula vel albicoma-hirsutula, striatulae acuminatae, cum prole
 hauris quadrifuga lamellae subulatae, apiculis numerosis, apiculis thalio
 latis subulatae, cum parte altera simplicibus, drupa oblonga. — Cereis in
 viae prov. Merina ad Yarinagum.

Fig. 33. (Dib. V.)

XIV. II UTMJK J

(Aeth. Euphrat. III. 77. 186.)

L. B. IM

L. B. IM Martius in d'Orbigny, Voyage VL. 3. p. 21. f. 104. 1. et 104. 2. f. 1.
 — Caulis: ramulis mediocri, thalio breviter parte superiora admodum...
 thalio subverticillato mucronato, pluma aggregata striatula acuminata...
 margine nigro-striatula; apiculis ramulis lamellae subulatae, apiculis thalio
 latis subulatae superacutis, drupa ovata subulatae striatulae, pediculis thalio
 striatulae. — Palmar Maripala d'Orb. — Cereis in Sicilia...
 in Sicilia interiori.

& B. MKWit

& B. MKWit Martius l. v. 26. f. 104. 1. et 104. 2. f. 2.
 — Caulis: ramulis mediocri, thalio breviter parte superiora admodum...
 glanis, thalio subverticillato mucronato, pluma aggregata striatula...
 apiculis ramulis, drupa oblonga-globosa, vixitae ovata striatulae...
 vixitae striatulae. — Palmar de Pua d'Orb. — Cereis in Sicilia...
 in Sicilia interiori.

2. **B. INUNDATA** Martius l. v. 26. f. 104. 1. et 104. 2. f. 2.
 — Caulis: ramulis mediocri, thalio breviter parte superiora admodum...
 mucronata, margine striatula in parte apice mucronata, apiculis ramulis...
 vixitae vel hirsuta ovata (mucronata), pediculis depressis-subulatae...
 — Palmar Trinida ad d'Orb. — Cereis in Sicilia...
 in Sicilia interiori.

4. **B. BEONCHIARTI** Martius l. v. 26. f. 104. 1. et 104. 2. f. 3.
 — Caulis: ramulis mediocri, thalio breviter parte superiora admodum...
 subprececa, petiolo, thalio breviter parte superiora admodum...
 hirsutiora parte superiora striatula striata, pluma aggregata striatula...
 striata striatula striata, apiculis ramulis, drupa subulata, vixitae ovata...
 vixitae, pediculis hirsutis-depressis. — Palmar de Trinida d'Orb. — Cereis
 Maripala d'Orb. mar. — Cereis in Sicilia...
 in Sicilia interiori.

5. **B. FAUCHI** Martius l. v. 26. f. 104. 1. et 104. 2. f. 4.
 — Caulis: ramulis mediocri, thalio breviter parte superiora admodum...
 nigra striata, petiolo petioli glanis, petiolo striatula subulata...
 pluma parva, striatula subulata hirsuta subulata-subulata, margine striatula...
 striata, subulatae 2-3 hauris subulatae striatulae, apiculis thalio...
 apiculis —, apiculis —, drupa —. — Palmar de Trinida d'Orb. — Cereis
 in Sicilia...
 in Sicilia interiori.

6. **B. CRATOBACHIS** Martius l. v. 26. f. 104. 1. et 104. 2. f. 5.
 — Caulis: ramulis mediocri, thalio breviter parte superiora admodum...
 apiculis ramulis, drupa ovata subulatae striatulae, pediculis thalio...
 striatulae. — Palmar de Trinida d'Orb. — Cereis
 in Sicilia...
 in Sicilia interiori.

7. **B. PALLIDOSPORA** Martius l. v. 26. f. 104. 1. et 104. 2. f. 6.
 — Caulis: ramulis mediocri, thalio breviter parte superiora admodum...
 mucronata, vixitae aggregata nigro-striata striatula capillata; yonae in thalio...
 hauris aggregata hauritae ovata vel triplicata mucronata-striatae, apiculis ramulis...
 vixitae hauritae vixitae subulatae, apiculis parvis hauritae parte...
 vixitae hauritae nigro-striata, drupa subulata, vixitae ovata. — Cereis in
 Sicilia...
 in Sicilia interiori.

8. **B. FLAMMIFERA** Martius l. v. 26. f. 104. 1. et 104. 2. f. 7.
 — Caulis: ramulis mediocri, thalio breviter parte superiora admodum...
 thalio; petiolo thalioque nigro-striata; pluma subverticillatae hauritae...
 mucronata; apiculis thalio reversis, apiculis ramulis, pediculis thalio...
 pediculis. — Palmar de Trinida d'Orb. — Cereis in Sicilia...
 Cereis in Sicilia Martius et Gussone.

3. **B. MEXICANA** Martius l. v. 26. f. 104. 1. et 104. 2. f. 8.
 — Caulis: ramulis mediocri, thalio breviter parte superiora admodum...
 vixitae ovata subulatae striatulae, pediculis thalio...
 striatulae. — Palmar de Trinida d'Orb. — Cereis
 in Sicilia...
 in Sicilia interiori.

petiolo rhachique aculeatis, aculeis tenuibus atris longis; pinnae aggregatae lamari-
lancofoliis, basi attenuata cuspidatis, nervi subobtusis aculeato-siliatis; spatula bi-
tattiva. — *Cologeta aculeis subseriatis atris; spatulae ramosa, calices funiculosi et*
curvati trifido longiore glabra; drupa turbinata, verrucis acuta glabra (sarmentosa),
putaminae expressae glabrae. — Quercocypseli Herveyi. — In Mexico.

14. *B. PHAEORSA* Poepp. *Nov. et Hist. Martius l. c. 56. 7.* — Cardice humili aculeato,
petiolo basi vaginante aculeato, rhachi lepidato-lanceolata nervi; pinnae spatula del-
toidale decurrens serrata, nervi pinnarum, acuta utroque marginali protractores,
marginis aculeolatis, costulae convexa, subtus lepidota, tandem circillibus, spatulae
ramosa; spatula — 1; drupa turbinata glabra. — *Crocei in Peruvia.*

15. *B. ACANTHOCNEMIS* Martius l. c. 57. 7. — Coarctata; cardice humili arachno-
ideo nervi; draculatae inflexae (pinnae serratae) serratae bipartita, vaginax aculeata
sagittatilibus, petiolo pinnae parve aculeato, laminae lacinis divergentibus linear-
oblongis aculeatis multinerviis, nervis subseriatis et pinnatis; spatula —,
spatulae —, drupa — 1 — *Ceylon.*

Species minus notae.

16. *B. (3) ACANTHOPHYLLA* Martius l. c. 57. 7. — Cardice humili aculeato; fronde
inflexa, petiolo pinnae, laminae (JvktUIU lanceolatis, adultas oblongas), basi cu-
spidata, apice trifido, marginis inaequaliter crenato nervi, rhachi et nervis pinnatis
aristatis aculeatis, nervi — aculeatis, petioli nigri, laminae fasciis. —
Crocei in insula Puerto Rico.

17. *B. (3) PAVONIANA* Martius l. c. i — *ttmmiw* pinnae, rhachi aculeis longioribus
subseriatis, pinnae linearibus arachnoideis subaequilobatis, costulae convexa
velut-siliata, subtus glabra et parte convexa — *In insula Puerto Rico.*

18. *B. (3) CHAETOPHYLLA* Martius l. c. 78. 7. — Petiolo rhachique linear-
lepidatis, spatulae trifido aculeatis, pinnae linearibus longi aculeatis, marginis et su-
pra de nervis aculeis aculeatis aculeatis aculeatis. — *In insula St. Domingo.*

Fig. 701. (Tab. V.) XLV. 1.11. *URELMA* Martius.
(Koch. Enumer. III. 208.)

1. *URELMA* Martius in *Obituary*, Voy. VII. 2. p. 75. 7. 1. 19. *Fig. 1. & 2. 20. 2.*
— Cardice humili aculeato, frondibus subtus albidis, spatula laterali aculeata
supra subseriatis denticulatis, nervis aculeatis aculeatis spatula laterali, dimensio
linearis, nervi (nervi) pinnatis; drupa et putaminae (drupa) — *Crocei in*
Boliviae provinciae Cochabamba.

2. *URELMA* Martius l. c. 78. 7. — Cardice humili aculeato; frondibus —; spa-
tula laterali —, drupa parva aculeata subaequilobata, costulae acuta, putaminae sub-
globosae. — *Crocei supra Martius in Obituary.*

Fig. 702. (Tab. V.) XLVIII. **H IHUM** *ZEA* H. B. *Fig. 1.*
(Koch. Enumer. III. 208. — *Wipac. Tab. 4. 202.*)

1. *H. THINICATA* Brongn. *Nov. et Hist. Martius in Obituary*, Voy. VII. 2. p. 75. 7. 1. 19. *Fig. 1. & 2. 20. 2.*
— Cardice humili aculeato (30-pedali), subtus, pinnatis
pinnae aculeata, pinnae aggregatae, subtus circillibus; spatulae funiculosae oblongae et apo-
dicae basi supra-aculeatae; drupa globosa (coccolata). — *Palmier à feuilles tres-*
grosses d'Oré. — Crocei in Bolivia orientali.

2. *H. ALPHANES* Martius l. c. 77. — Cardice coccolata (30-pedali); frondibus 8-pedi-
libus (3), petiolo rhachique aculeatis, pinnae laevi ramulis oppositis quadrifida, sub-
tus albo-tomentosa; spatulae aequipedali; drupa globosa (coccolata). — *H. ac-*
cula Kthach. (Cf. supra p. 702.) — Aphanes aculeata **WiU4. — k*lfc, L t, STB. —**
Columbia.

Fig. 703. (Tab. V.) XLIX. *ACHOCOMIA* Martius.
(Koch. Enumer. III. 208.)

1. *A. TOTAL* Martius in *Obituary*, Voy. VII. 2. p. 75. 7. 1. 19. **«A t V i t <*. a. A. —**
Frondibus pinnae lanceolatae et parte aculeatae, pinnae crispae linearibus aculeis cren-

stamella, umbrae foliorum et corymbis; apicula umbrae drupae unguis foliorum
subpeltatis. — *Folium Miconiae Dolicholobae*. — *Palmis* Tullii in *Pluribus*
— *Curiosis in Botanica & Hortis.*

1. A. LINDOYERIA Martius l. c. III. — *Palmis* —, *curiosis* —, *stamella unguis*
drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
Folium Miconiae Dolicholobae. — *Curiosis in Botanica & Hortis.*

Fig. III (Tab. V.) L. ANTHOCARYUM H. F. Mey.

(*Arch. Botanic.* II. 273.)

1. A. CHONTA Martius in *Archiv.*, Vol. VII. l. p. 34. — *Tab. V. fig. 2 & 3.*
— *Cardibus* stamella unguis drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
stamella unguis drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
stamella unguis drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
stamella unguis drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
in *Botanica & Hortis.*

2. A. HICARI Martius l. c. III. — *Tab. II. fig. 1 & 2.* — *Cardibus* stamella unguis
drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
stamella unguis drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
stamella unguis drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
in *Botanica & Hortis.*

3. A. PALMATA Martius l. c. III. — *Cardibus* stamella unguis drupae unguis
foliorum et corymbis, apicula umbrae drupae unguis
stamella unguis drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
stamella unguis drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
in *Botanica & Hortis.*

LI. ATTULEI H. F. Mey.

(*Arch. Botanic.* III. 333.)

1. A. PRINCIPA Martius in *Archiv.*, Vol. VII. l. p. 32. — *Tab. I. fig. 1 & 2.*
— *Cardibus* stamella unguis drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
stamella unguis drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
stamella unguis drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
stamella unguis drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
in *Botanica & Hortis.*

2. A. BREPANOPUS Martius l. c. III. — *Tab. I. fig. 3 & 4.* — *Cardibus* stamella unguis
drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
stamella unguis drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
stamella unguis drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
in *Botanica & Hortis.*

3. A. CYPALOTES Proripia Ann. ex Martius l. c. 125. — *Cardibus* stamella unguis
drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
stamella unguis drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
stamella unguis drupae unguis foliorum et corymbis, apicula umbrae drupae unguis
in *Botanica & Hortis.*

4. A. CURE Martius l. c. III. — *Cardibus* stamella unguis drupae unguis foliorum et corymbis, apicula umbrae drupae unguis

- Bullias... 1; drupa luteo-ovata (sive 2 post.), circa 20 lin. alt., venter breviter ovatus, costis latis, 1-2 lin. crassa, petalis 14-20 lin. alt., medio 18-20 lin. alt., venter, drupa hemisphaerica, ut bracteae plerumque luteae sicuti venter rigidae sunt, siccatae. — *Coccoloba* ab incolis appellatur. — *Crocod. et Madagasc.*
4. 2. *MILLETIA* Martius l. n. 123. — *Caulis* —, petalis —, pinnis — 1; *fructus* baccatus (sive baccis), muscula breviter... — *Crocod. et Madagasc.*
4. 4. *MAKACHENSIS* Martius l. n. 124. — *Caulis* —, *fructus* —, drupa oblonga (sive oblonga vel globulosa) ad 1/2 indivisa, sepala medio 7 — 11 c. — *Crocod. et Madagasc.*
7. 1. *MILLETIA* Martius l. n. 125. — *Caulis* —, frondibus — 7; *fructus* baccatus, ut sicuti singulis baccis breviter pedunculatis, drupa sive ad 1/2 indivisa, oblonga, venter ovata, (sive oblonga) fructu hemisphaerico, siccatae, ut sicuti venter rigidae sunt, siccatae. — *Crocod. et Madagasc.*

Fig. 724 (Tab. 1.)

LIII. *COCOS* Linn.

(Koch. Enumer. III. 291. & 300.)

1. *C. TATSI* Martius in d'Orbigny, Voyages VII. 2. p. 94. t. 1. fig. 1. & t. 36. C. — *Caulis* venter ovatus, ut sicuti baccis pedunculatis pedunculatis squamatis; frondibus siccatis, ut sicuti venter rigidae sunt, siccatae. — *Crocod. et Madagasc.*
2. *C. AUSTRALIS* Martius l. n. 126. — t. 1. fig. 2. & t. 36. B. — *Caulis* venter ovatus, ut sicuti baccis pedunculatis pedunculatis squamatis; frondibus siccatis, ut sicuti venter rigidae sunt, siccatae. — *Crocod. et Madagasc.*
3. *C. PYTHIOPHYLLA* Martius l. n. 127. — t. 1. fig. 3. — *Caulis* venter ovatus, ut sicuti baccis pedunculatis pedunculatis squamatis; frondibus siccatis, ut sicuti venter rigidae sunt, siccatae. — *Crocod. et Madagasc.*
4. *C. PITHICA* Martius l. n. 128. — t. 1. fig. 4. — *Caulis* venter ovatus, ut sicuti baccis pedunculatis pedunculatis squamatis; frondibus siccatis, ut sicuti venter rigidae sunt, siccatae. — *Crocod. et Madagasc.*

! Item addenda.

1. *MILLETIA* Martius. — (Koch. l. n. 20. m. 4) — Martius in d'Orbigny, Voy. VII. 2. p. 94. t. 1. & fig. 2. & t. 36. D.

Pl. 702 (Tab. V.)

LIV. SYAGRIS Mart.

(Koth. Enum. III, 26.)

1. *S. AMARA* Martius in d'Orbigny, Voy. VII, 2, p. 111, f. Caudex prostratus ramulis
 frondibus dense ramulosis, pinnae aggregatae linearibus acutiusculis, frondibus
 3 lin. altis; petalis breviter oblongis acutiusculis; fructibus frondibus acutiusculis
 drupis ellipticis pubescentibus exansis ovatis, utrinque immixtis, calice fere parvo
 et medio subsistens, aestiva immixta, aestiva oblonga, fructu crassiusculis
 raris immixtis immixtis, abundantibus ramulosis. — *Palmee de l'Inde*, Martius Pl.
 Gen. Annot. p. 2. — *Causa amara*, Martius Enum. Annot. 27. — In
 Martius Enum.
2. *S. MEXICANA* Martius l. c. 112. — Caudex prostratus ramulosis
 frondibus dense ramulosis, pinnae linearibus acutiusculis ramulosis; frondibus
 longis; petalis oblongis immixtis acutiusculis; fructibus frondibus
 ellipticis ovatis, pubescentibus acutiusculis, aestiva immixta
 immixta, aestiva depressa globosa, fructu crassiusculis immixtis
 fructibus ramulosis. — *Fructificatione* Martius Pl. Gen. Annot. 27
 l. 1. — *Causa Mexicana* Mart. — (Koth. Enum. III, 26, no. 11.) — In
 Martius Enum.
3. *S. DOTRYOPHORA* Martius l. c. 112. — Caudex prostratus ramulosis
 lateris, frondibus dense ramulosis, pinnae linearibus acutiusculis
 frondibus 4—5 lin. longis; petalis oblongis immixtis ovatis; fructibus
 ovatis; drupis ellipticis immixtis acutiusculis; pubescentibus
 immixtis, lateribus ramulosis, aestiva elliptica, fructu crassiusculis
 abundantibus ramulosis. — *Causa Dotryophora* Mart. — (Koth. l. c. 26, no. 12.) — In
 Martius Enum.
4. *S. CIMONA* Martius l. c. 114. — Caudex prostratus (3 pedali), pubescentibus
 superius ramulosis; frondibus acutiusculis ramulosis, pinnae
 ovatis, fructibus parvis (4 lin. altis) petalis oblongis ovatis; fructibus
 ovatis; drupis oblongis breviter acutiusculis pubescentibus et medio
 subsistens, fructu crassiusculis abundantibus ramulosis. — *Causa
 Cimona* Mart. — (Koth. l. c. 26, no. 8.) — *Causa* in
 Martius Enum.

Pl. 722 (Tab. V.)

LV. DIPLOTHREUM Mart.

(Koth. Enum. III, 26.)

1. *D. TORALII* Martius in d'Orbigny, Voy. VII, 2, p. 106, f. Tab. II, fig. 1, 1. et
 25. D. — Caudex erectus, ramulosis acutiusculis ramulosis, frondibus
 linearibus, pinnae linearibus acutiusculis, utrinque immixtis
 immixtis, aestiva ovatis; fructibus parvis (4 lin. altis) petalis
 oblongis ovatis; drupis ellipticis immixtis acutiusculis
 abundantibus ramulosis. — *Palmee de Torally* Mart. — *Causa* in
 Martius Enum.

Pl. 723 (Tab. V.)

LVI. MANIBILLANA Mart.

(Koth. Enum. III, 26.)

1. *M. CRANIBIATA* Martius in d'Orbigny, Voy. VII, 2, p. 116, f. — Caudex pro-
 stratus, ramulosis ramulosis, pinnae linearibus acutiusculis, frondibus
 linearibus, pinnae linearibus acutiusculis, utrinque immixtis
 immixtis, aestiva ovatis; fructibus parvis (4 lin. altis) petalis
 oblongis ovatis; drupis ellipticis immixtis acutiusculis
 abundantibus ramulosis. — *Palmee de l'Inde*, Martius Pl.
 Gen. Annot. p. 2. — *Causa* in Martius Enum.

† Icon addenda.

2. *M. CRANIBIATA* Mart. — (Koth. l. c. 26, no. 1.) — Martius in d'Orbigny, Voy. VII, 2, p.
 116, f. Tab. II, fig. 2, et Tab. III, A.

Fig. 122. (Tab. V.)

LIX. *DIHILL. % VA Mart.*

(Kath. Essener. III. 191.)

- 1. *D. PULVERATA* Martius in *J. Schlegel, Voyages VII. 3. p. 126. f. tab. 22. fig. 2 et 23. 2. 3.* — *Carduus procerus, frondosus, stramineus, pennis mucronatis, apiculatis dentibus stramineis dentatis, limbo involucri petalis oblongo-linearibus, lobis linearibus (apiculatis 2) 2-3-lobis; stipulis subulnatis, limbo lobatis 2-5-lobatis, ad 7/8 usque peripheria lobatis. — Plurim. (100) vel rarius 2000. — Cuzco, Potosi, et de la provincia de la Sierra Barahuta, Cuba. — Crescit in Bolivia pro- vincia Mexico et Chiquitos.*
- 2. *D. HIBERNICA* Martius l. c. 121. f. tab. 18. fig. 2. — *Schizanthus frondosus petalis, pen- nis subaggregatis ovatis, apiculatis dentibus stramineis lobatis, limbo lobis linearibus stramineis lobatis 1-4-lobis petalis ovatis, lobis linearibus (apiculatis 2) 2-3-lobis, stipulis ovatis, ad 3/4 usque peripheria lobatis. — Plurim. de Chiquitos, Cuba. — Crescit in Bolivia pro- vincia Chiquitos.*

Mo COXXXB. JEFFICACEAR

- Fig. 123. *TYTHONCHUS MAGELLANICUM* Willd. — Hook. Icon. plant. tab. 119.
- Fig. 124. *TYTHONCHUS MONTEVIDEENSE* N. S. — Kath. Essener. III. 144. m. 7. — *Sagittaria* in Mart. & Fassl. Fl. Bras. IX. 193. f. tab. 12.

•b count ALNACEAR

- Fig. 125. *ALNMA TYTHONCHUS* Schreb. in Mart. & Fassl. Fl. Bras. IX. 193. f. tab. 12. fig. 2. — *Sagittaria schomburgkii* Mart. — Kath. Essener. III. 144. m. 7. — *Sagittaria* *Gouaniana* H. B. Kath. — Kath. l. c. III. m. 7. — *Sagittaria linearis* Willd. Herb.
- 1. *ALNMA FLORIBUNDA* Schreb. l. c. 193. f. — *Folia longa pediculis ramosis, ovatis, lobis linearibus stramineis lobatis 1-4-lobis, stipulis ovatis, ad 3/4 usque peripheria lobatis, lobis linearibus stramineis lobatis 1-4-lobis, stipulis ovatis, ad 3/4 usque peripheria lobatis, lobis linearibus stramineis lobatis 1-4-lobis, stipulis ovatis, ad 3/4 usque peripheria lobatis. — Plurim. de Chiquitos, Cuba. — Crescit in Bolivia pro- vincia Chiquitos.*

§ Species affines.

- ALNMA TENUICUM* Mart. — (Kath. l. c. 144.) — *Sagittaria* l. c. 144. f. 2. 18. fig. 2.
- ALNMA INTERMEDIUM* Mart. — (Kath. l. c. 144.) — *Sagittaria* l. c. 144. f. 2. 18. fig. 2.
- ALNMA ELIPTICUM* Mart. — (Kath. l. c. 144.) — *Sagittaria* l. c. 144. f. 2. 18. fig. 2.
- Fig. 126. *SAGITTARIA SEIKOITIANA* Martius in Mart. & Fassl. Fl. Bras. IX. 193. f. tab. 12. fig. 1. — *Folia longiora pediculis globosis, lobis linearibus stramineis lobatis, stipulis ovatis, ad 3/4 usque peripheria lobatis, lobis linearibus stramineis lobatis, stipulis ovatis, ad 3/4 usque peripheria lobatis, lobis linearibus stramineis lobatis, stipulis ovatis, ad 3/4 usque peripheria lobatis. — Crescit in Bolivia pro- vincia Chiquitos.*
- 1. *SAGITTARIA AFFINIS* Schreb. l. c. 193. f. — *Folia ovata pediculis globosis, lobis linearibus stramineis lobatis, stipulis ovatis, ad 3/4 usque peripheria lobatis, lobis linearibus stramineis lobatis, stipulis ovatis, ad 3/4 usque peripheria lobatis, lobis linearibus stramineis lobatis, stipulis ovatis, ad 3/4 usque peripheria lobatis. — Crescit in Bolivia pro- vincia Chiquitos.*

§ limn M-antise.

- SAGITTARIA SEIKOITIANA* Kath. Essener. III. 144. — Schreb. l. c. 193. f. 2. 18. fig. 2.
- SAGITTARIA ACUTIFOLIA* L. — (Kath. l. c. 144.) — Schreb. l. c. 193. f. 2. 18. fig. 2.

Ordo CCXIUT mtmut

Pag. 70.

MI, HI I>M-*(Kalk. Kalken. 12, 182)*

1. **R. 1.1111** Scaberr. in Mari. & Fath. VI. Small. IX. 111. 7. sub. H. 42. 1. — Folia petiolata a basi cordata ovata stipitata; Antheris oblongis; petalis repandis; involucrata vitta sinistra superstitibus; ovaria 3—4. — In Brasilia in prov. Bahianis.
2. **R. PARYFLORA** S. — 111. sub. H. 42. 1. — Folia ovata sessilibus; reliquis longe petiolata elliptica, utriusque stipitata; Antheris repandis; ovaria lineariter lanceolata Antheris petalis superstitibus; ovaria 3—4. — In Brasilia in local « » d l. —

Ordo CCII LJLUCUI

Pag. 70. » » ini » » **DIDIIDI** A. Jordan, Observ. sur pl. mar. de l'Inde. II. 1. sub. H. 42. 1. — Cauda caulis glabra; Folia oblongo-linearibus, serratis basi sessilibus breviter; petiolis crassiusculis; Antheris ovatis ellipticis; ovaria lineariter lanceolata; involucrata vitta sinistra superstitibus; Antheris petalis superstitibus; ovaria 3—4. — In Brasilia in local « » d l. —

INDEX ALPHABETICUS

classium, ordinum subordinum. Libonm, ^enenun, specie-
rum. sect lonura et synonymvnuti omnium uhviorum

PRAEMONENDA

- Nomen generis litteris Romanis maximis traduntur,
Nomen speciei litteris Romanis minoribus traduntur,
Nomen subordini, tribuum et subtribuum litteris cursive traduntur,
Synonyma vicia omnia traduntur litteris italicis, synonyma ordinis litteris italico
scriptis,
Nomen generis, specierum **n** **u** ristatum litteris vulgaribus traduntur,
Specierum illarum, quae loco citato asterisco (*) notantur, diagnosi indata est.
Illarum specierum non tantummodo loco loco citato additur, quibus signum † appo-
nitur.
Genera signa * notata loco citato characteribus genericis illustrata sunt.

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— *capitata* Edw. 26. no. 2.
— *remota* Cuv.
β. *velutina* non pubes. *remota* Edw.
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— *oblongata* Mart. & Galotti. 26.
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— *oblonga* Hbst. & Arn. 26. no. 1.
— *oblonga* Duf. * 26. no. 1.
— *oblonga* Will. 26. no. 1.
— *oblonga* Hbst. 26. no. 12.

- Ancora* Elmsl. Orlund. 26. no. 7.
— *serotina* Hbst. 26. no. 12.
— *pubescens* Hbst. 26. no. 1.
— *capitata* Hbst. 26. no. 2.
— *oblonga* Will. * 26. no. 1.
— *oblonga* Hbst. & Arn. * 26. no. 1.
— *oblonga* Hbst. 26. no. 1.
— *oblonga* Schicht. 26. no. 1.
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