

POSTHUMOUS PAPERS,

K. A. Z.

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AND

PAINTED BY ORDER OF THE GOVERNMENT OF BENGAL.

ES PLANTARUM ASIATICARUM.

Part IV.



DICOTYLEDONOUS PLANTS.

BY THE LATE

WILLIAM GRIFFITH, ESQ., F.L.S.,

TRIAL ACADBMT NATUB* CI7BIOSRIFT AT Bo|»1 : CoBBKSPONDINO MBBIBBB M. THB ROYAL BOTANICAL SOCIBTT OF B BOTAL ACADBMBRS OF BCIBNCB AT TI7BISV AND CHBISTI&NA, HOBTICOLTBAL AJP*BNTOMOLOOCAL SOCIETTB8 ARO ITS, LONDON : MBIDBR AND FOR 80MB TIMB yICB-PAB3IDBNT OF THB AGBI-HOBTCULTOBAL SOCIET7 OF INDIA.

it Surgeon on the Madras Establishment: and a short time Ojioiating Superintendent of the Honorable Company's Botanic Garden, Calcutta, and subsequently Civil Assistant Surgeon, Malacca.

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calcutta:

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ICONES PLANTARUM ASIATIOARUM.

PART IV.

DICOTYLEDONOUS PLANTS.

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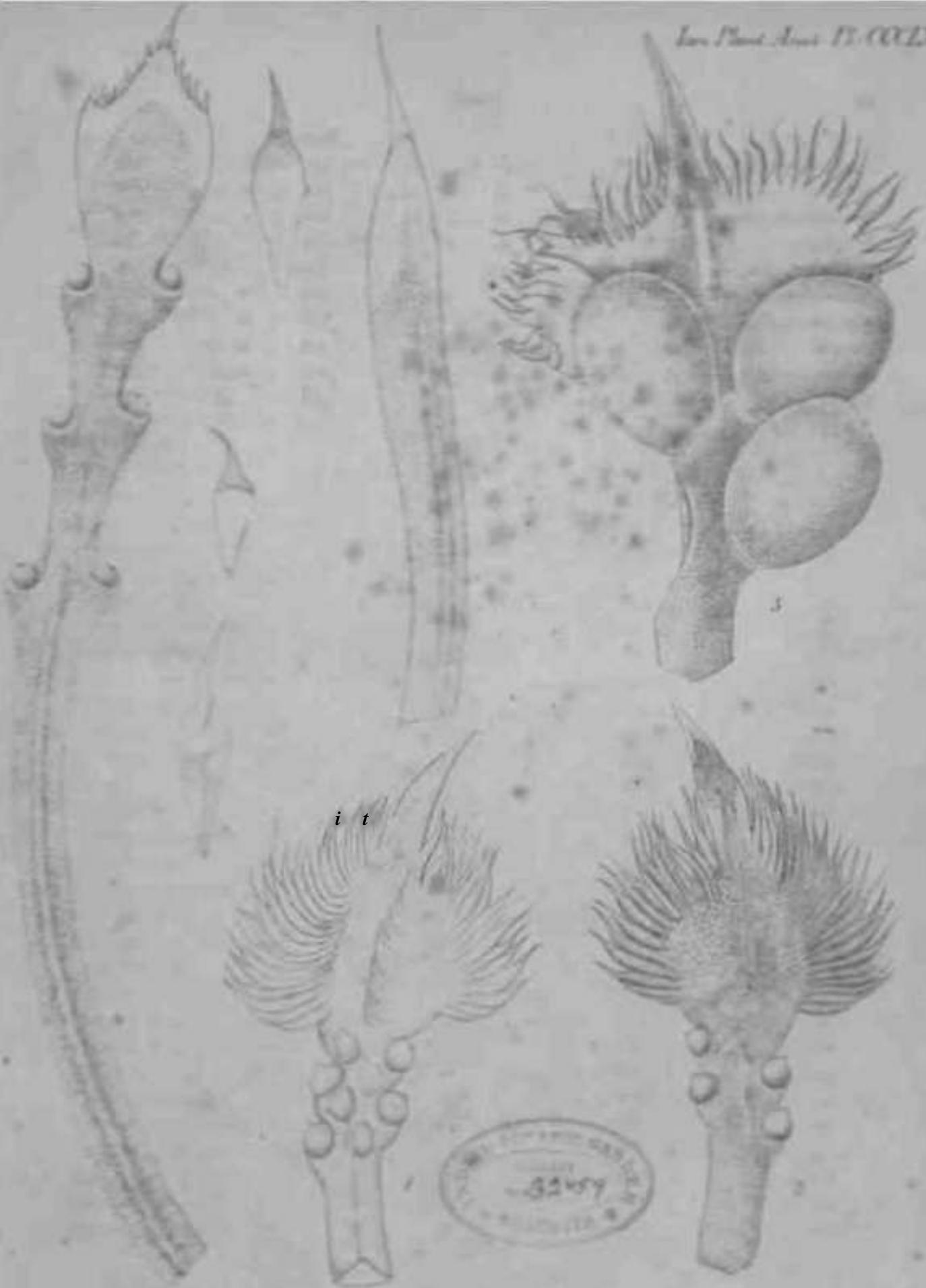
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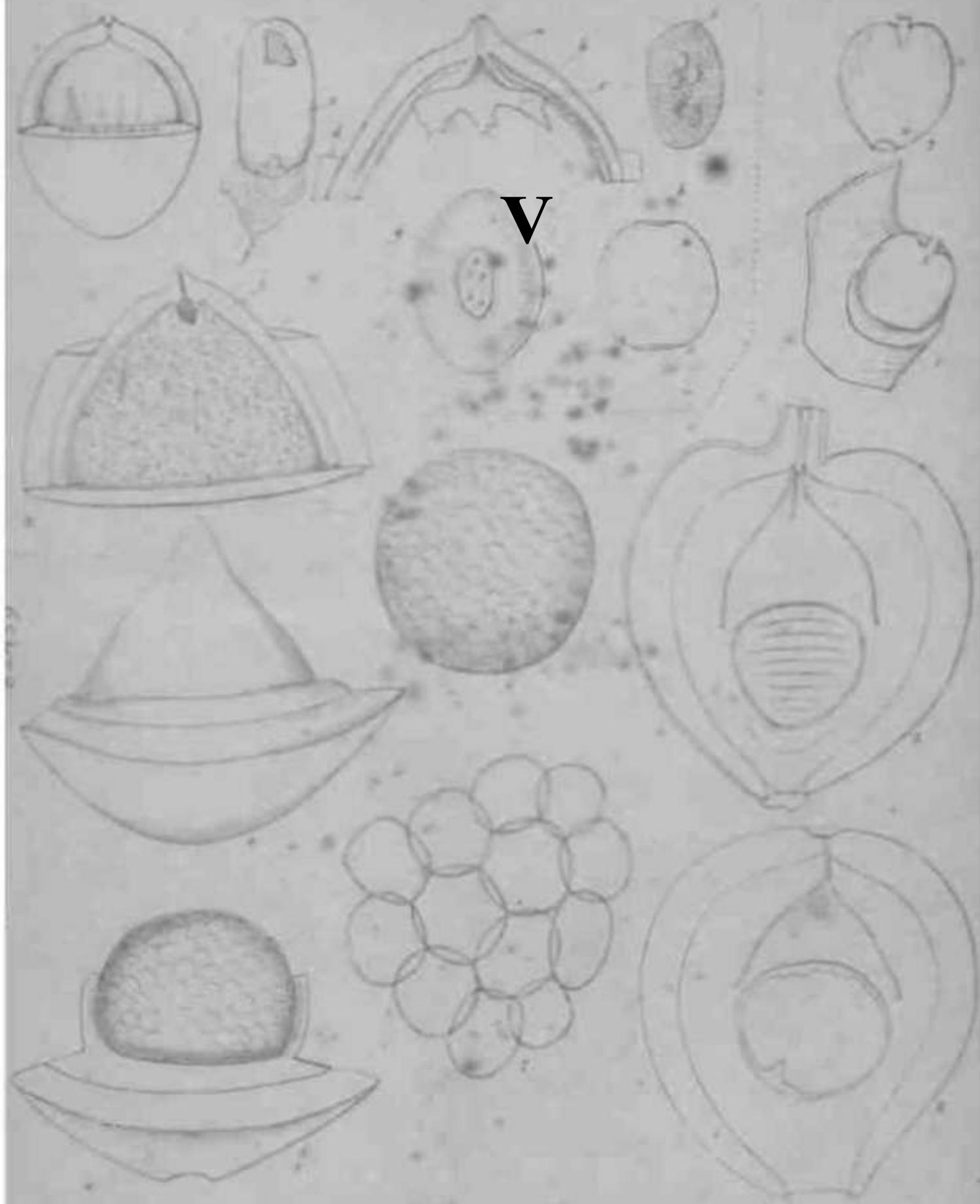
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Sunaptea odorata, Gr.,	585A.	II	v. ..	616
Syndesmis coarctatus,	567	II	i. ..	409
Tamarix dioica,	577	II	ii. ...	466
Tauscheric, sp.,	610		• •	580
Taxi, sp.,	375		..	28
Taxus contortas, Gr.,	376		• «	28

				PLATE.	No	TULIE	PAGE
<i>Terminalia lancifolia</i> , Gr.,..	..	..	..	644	tiQ.	iv...	685
<i>Ternstroemiaceae</i> B, sp., ..	..	..	..	604	91	iiL..	568
<i>Tetrantherae</i> , sp., ..	..	..	..	533		• *	355
<i>Thibaudia auriculata</i> , Gr....	..	..	..	508		..	300
<i>Thibaudia camelifolia</i> , Gr.,	..	..	..	516		• #	301
<i>Thibaudia gaultherifolia</i> , Gr.,	..	..	..	512		a ..	301
<i>Thibaudia glabra</i> , Gr., ..	..	..	..	514		..	301
<i>Thibaudia myrtifolia</i> , Gr.,..	..	..	..	510		..	301
<i>Thibaudia obliqua</i> , Gr., ..	..	..	..	515		..	301
<i>Thibaudia retusa</i> , Gr., ..	..	..	..	509		..	300
<i>Thibaudia revoluta</i> , Gr., ..	..	..	..	513		..	301
<i>Thibaudise</i> , sp.,..	..	..	..	514A.		..	301
<i>Thuja orientalis</i>,	..	..	..	378	99	i. ii.	21
<i>Tittmanniae</i> , sp., ..	..	..	..	458	91	13 ..	116
<i>Thottea grandiflora</i>.	..	..	..	533, 531		..	346
<i>Torenia asiatica</i>,	..	..	..	418	99	i. ..	123
<i>Torenia calcarata</i>,	..	..	..	458	91	14 ..	124
<i>Toxocarpus</i>, ..	..	..	..	414		• •	69
<i>Toxocarpus Roxburghii</i>,	..	..	..	386	99	iv. v.	68
<i>Treisteria assamica</i> , Gr., ..	..	..	..	3, 420		..	111
<i>Treisteria lanceolata</i> , Gr., ..	..	..	..	3, 458	99	6 ..	111
<i>Tylophor</i> ®, sp.,..	..	..	..	316A.	99	ix...	53
<i>Urticae</i> , sp., ..	..	..	..	562	99	iii ..	404
<i>Uvaria heteroclita</i>,	..	..	..	649	99	ii. ..	711
<i>Vaccinii</i> , sp., ..	..	..	..	517A.		..	300
<i>Valerian</i> ®, sp.,	..	..	..	464		..	213
<i>Vaieriana violifolia</i> , Gr.,	..	..	..	465		• •	213
<i>Volkameria</i> , sp.,	..	..	..	444		• •	196
<i>Vandellia pedunculata</i>,	..	..	..	418	99	ii. ..	120
<i>Vandellia scabra</i>,	..	..	..	418	99	iv...	122
<i>Ventilago</i> , sp.,	..	..	..	585	99	iii...	492
<i>Verbenaceae</i> , sp.,	..	..	..	446		• •	195
<i>Verbenace</i>.,	..	..	..	460		• •	196
<i>Veronica</i> , sp.,	..	..	..	419	99	ii. ..	126
<i>Veronica</i> , sp.,	..	..	..	458	99	7. ..	128
<i>Viburnum</i>.,	..	..	..	480	99	i. ..	259
<i>Villarsia cristata</i>,	..	..	..	386A.	99	xii.	88
<i>Villarsia glandulosa</i> , Gr., ..	..	..	..	385		..	89
<i>Viola</i> , sp., ..	..	..	..	607	99	ii. ..	575
<i>Visci</i> , sp., ..	..	..	..	632		..	636
<i>Viscum aphyllum</i>,	..	..	..	630		• •	634
<i>Viscum monoicum</i>,	..	..	..	931		..	637

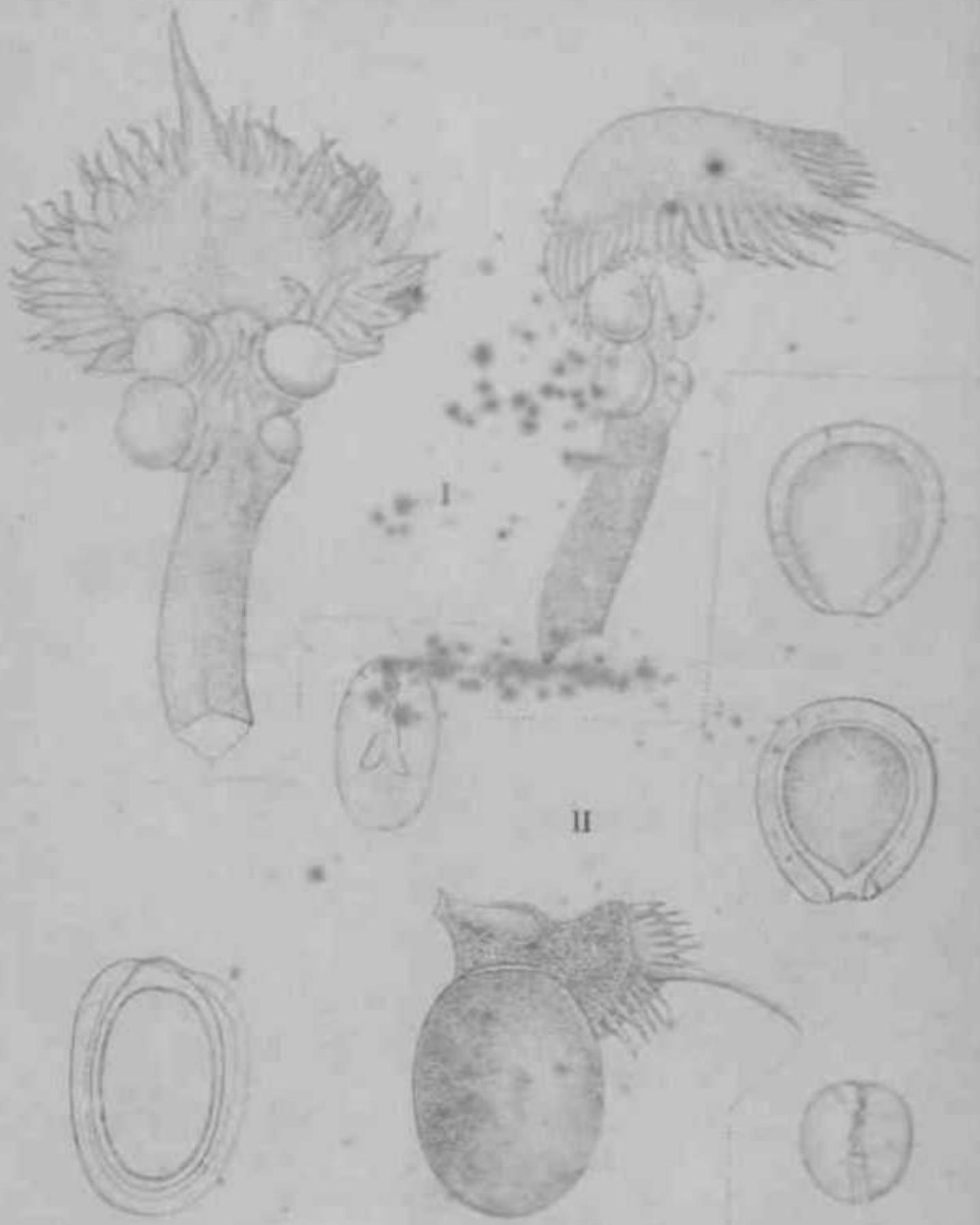
					PLATE	NOTES PAGE
Vitex gamosepala,	..*	..	..	..	441 FIO. ii. ..	178
"	"	"	"	"	645 " ii. ..	699
Wormia suffruticosa,	..	..	..	..	649 " i. ..	706
Wrightia, sp..	..	..	..	..	.386 ..	82
Wulfenia obliqua, . "	..	..	#<	..	419A. ..	29
Xanthophyllum eglandulosum, Gr.,	..	..	..	..	598 " iv. ..	537
Ximinea scandens,	..	..	<<	..	644 " iii. ..	691
Zanonia, ..	..	..	*"	..	617 " iii. vi.	596
Zanonia clavigera,	..	..	..	..	617 " ivt..	598
Zizyphi, sp., ..	..m	V	mm	*<	6&h ..	492



12. *Cyperus palustris*; *Cyperus latifolius*



Encyclia
acuminata

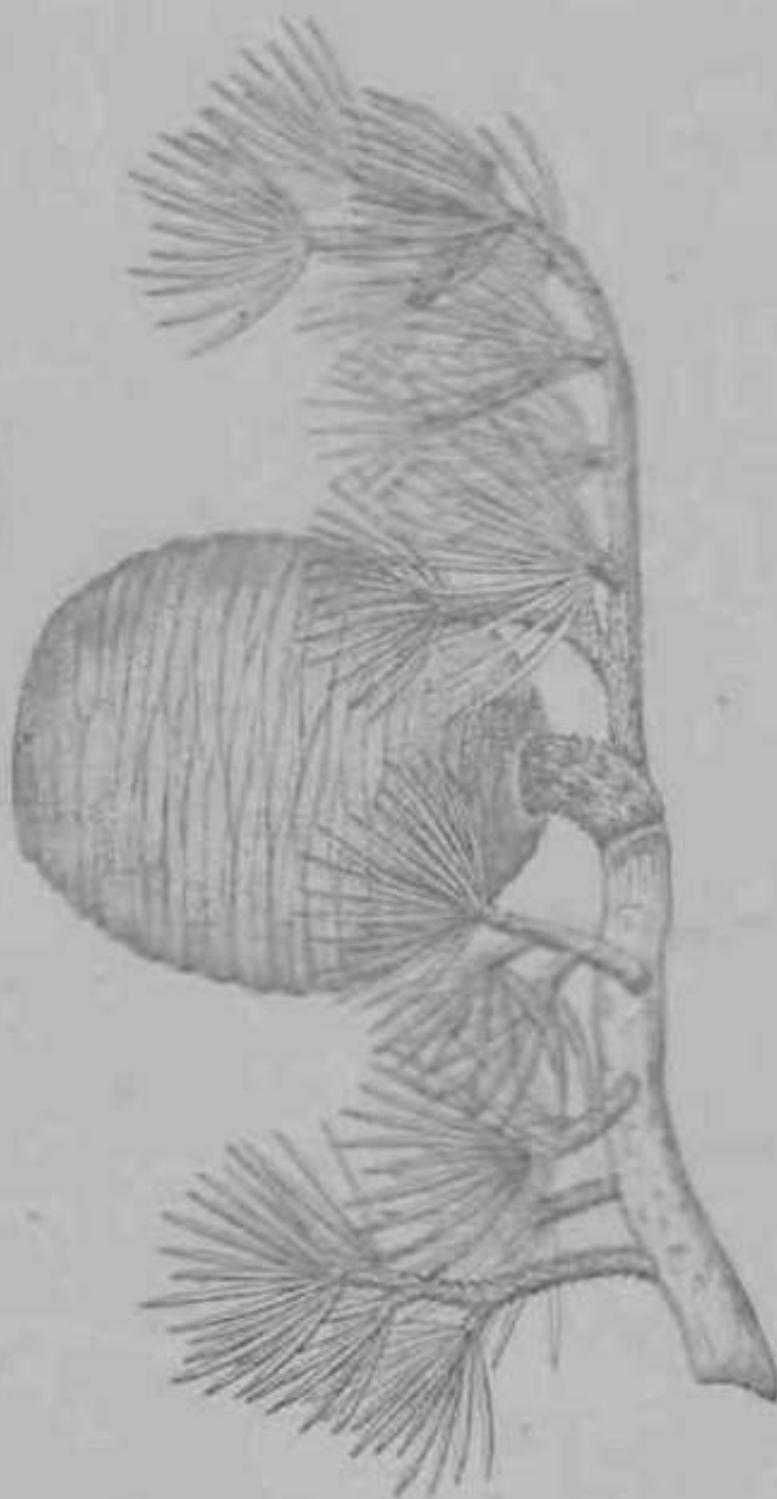


Cycas johannaeiff. n. Cycas Maricorp.



Pinus Sabiniana

Impr. Plant. Anno 1700 XXIV



Pinus sibirica

Jan Pieter van der Osten





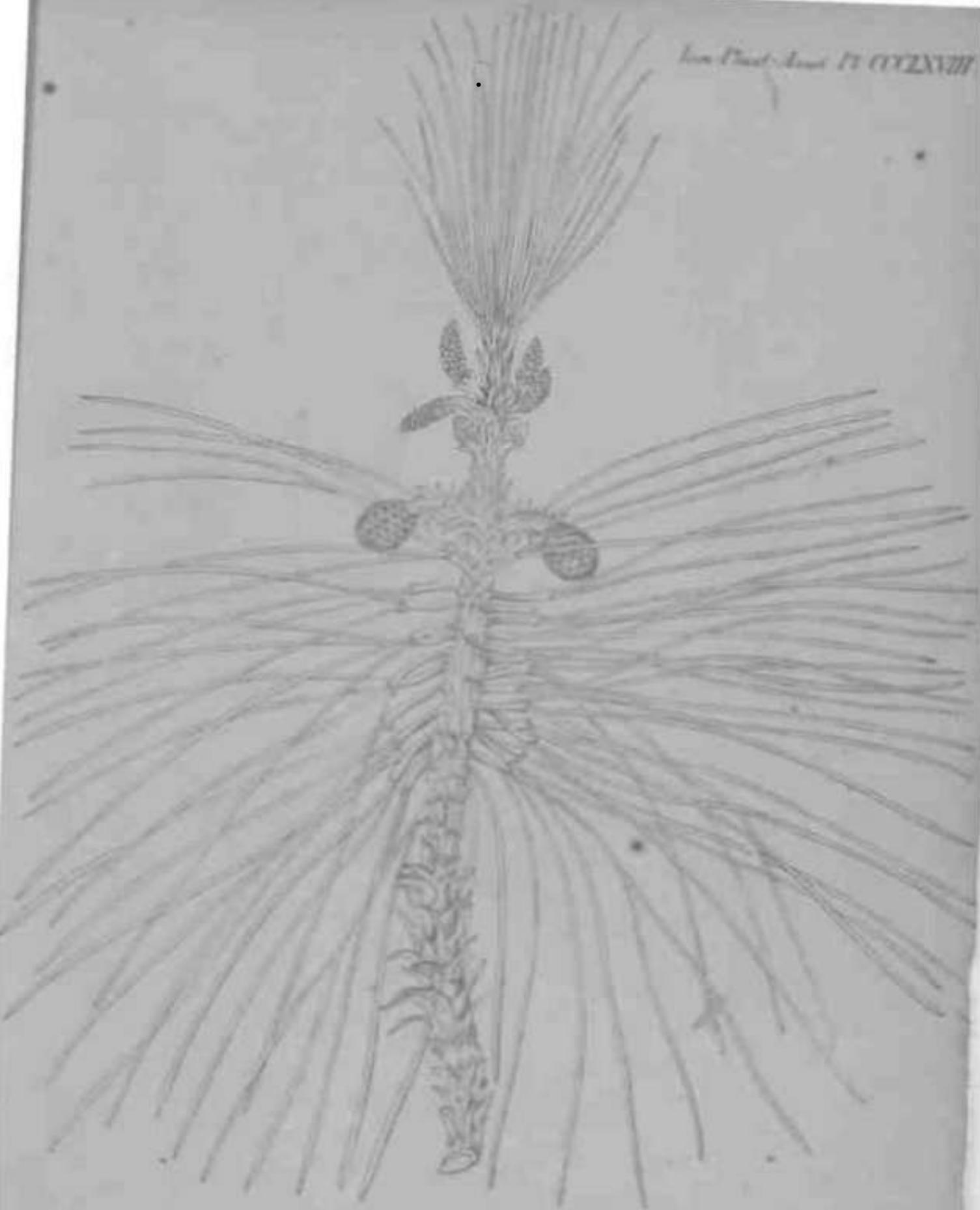
Pinus sabiniana



-Jv

15
Mr. Khas, & Co.

Icon. Plant. Ann. 17. CCCLXVIII



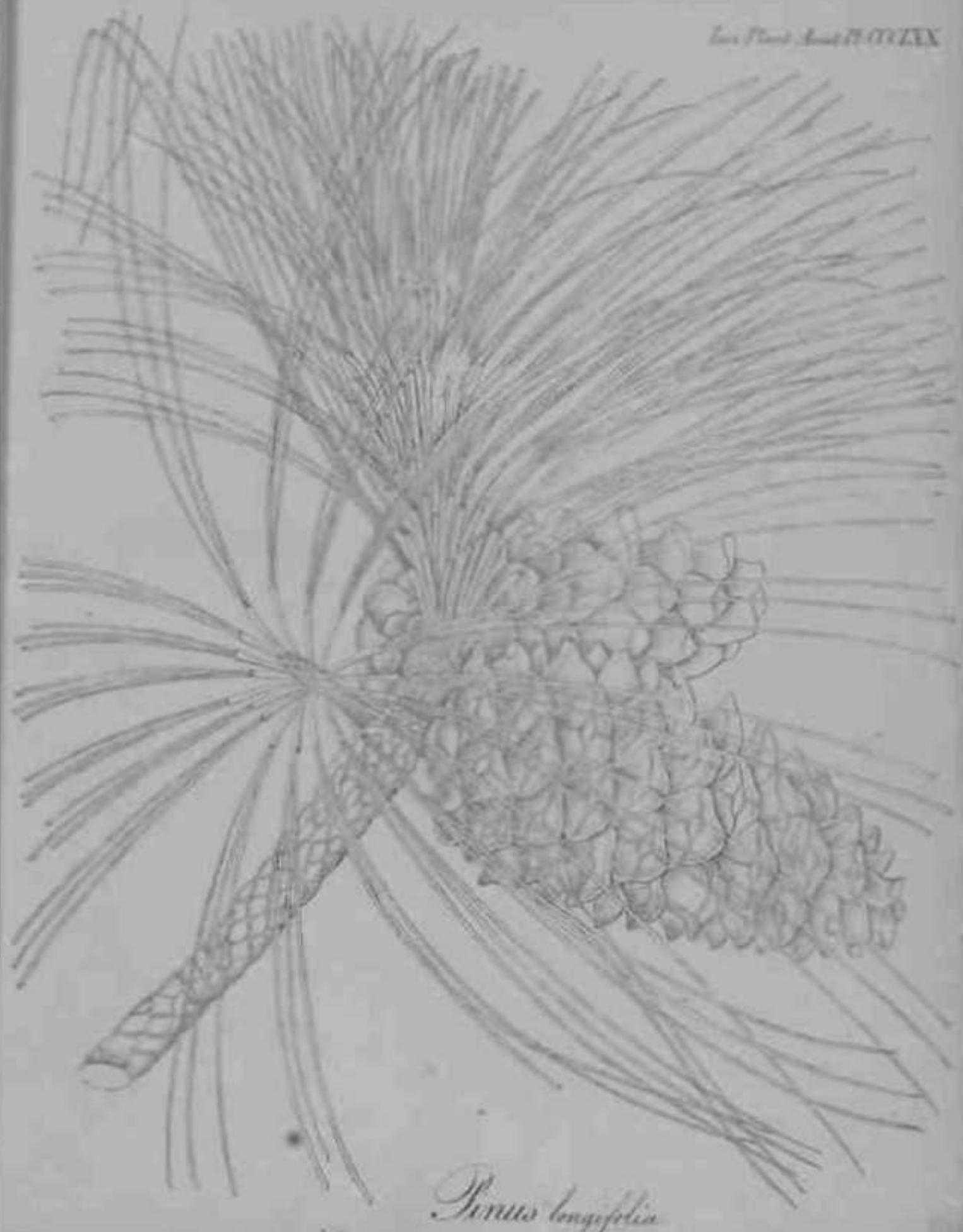
Pinus longianaefolia

A

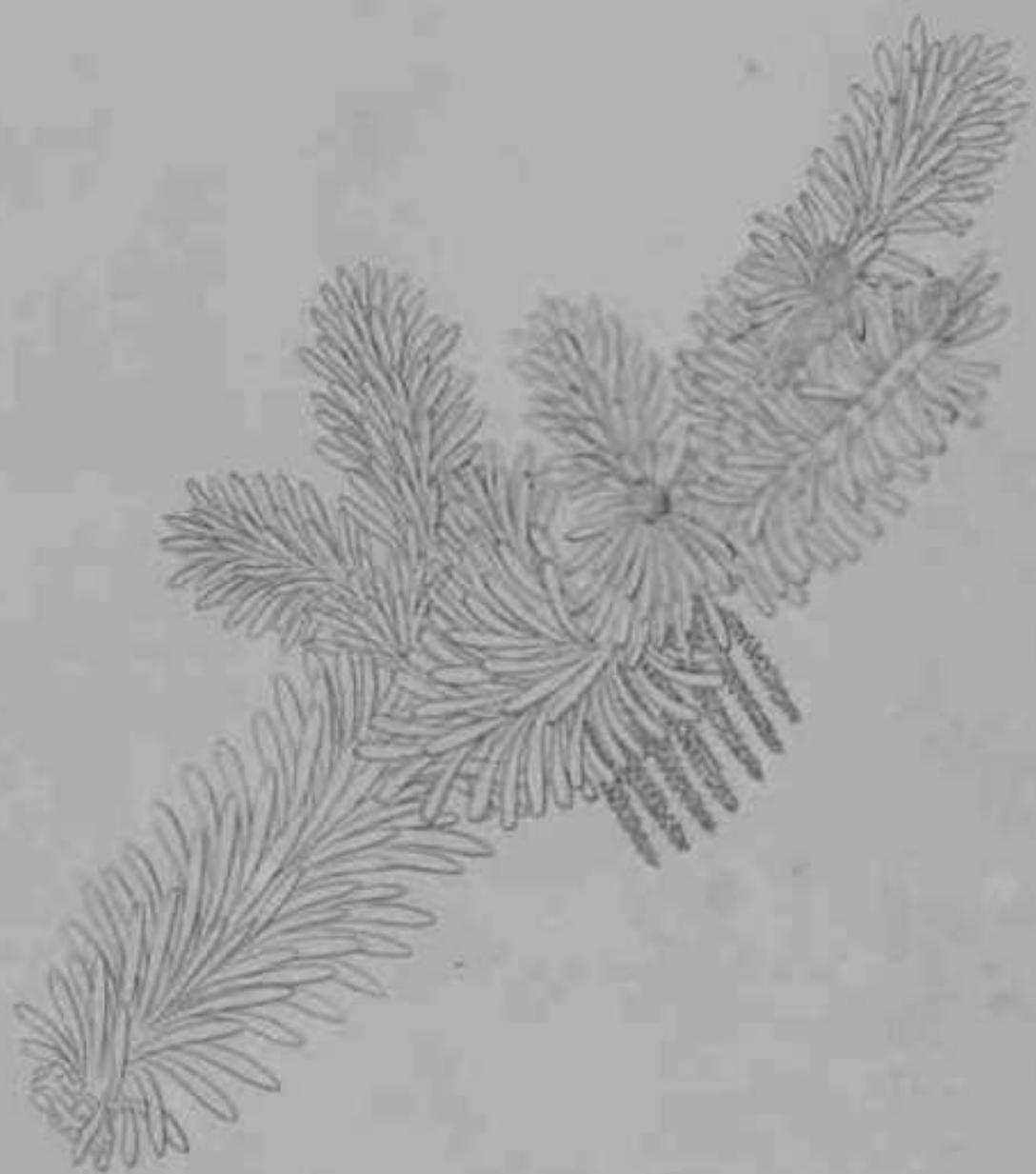
t



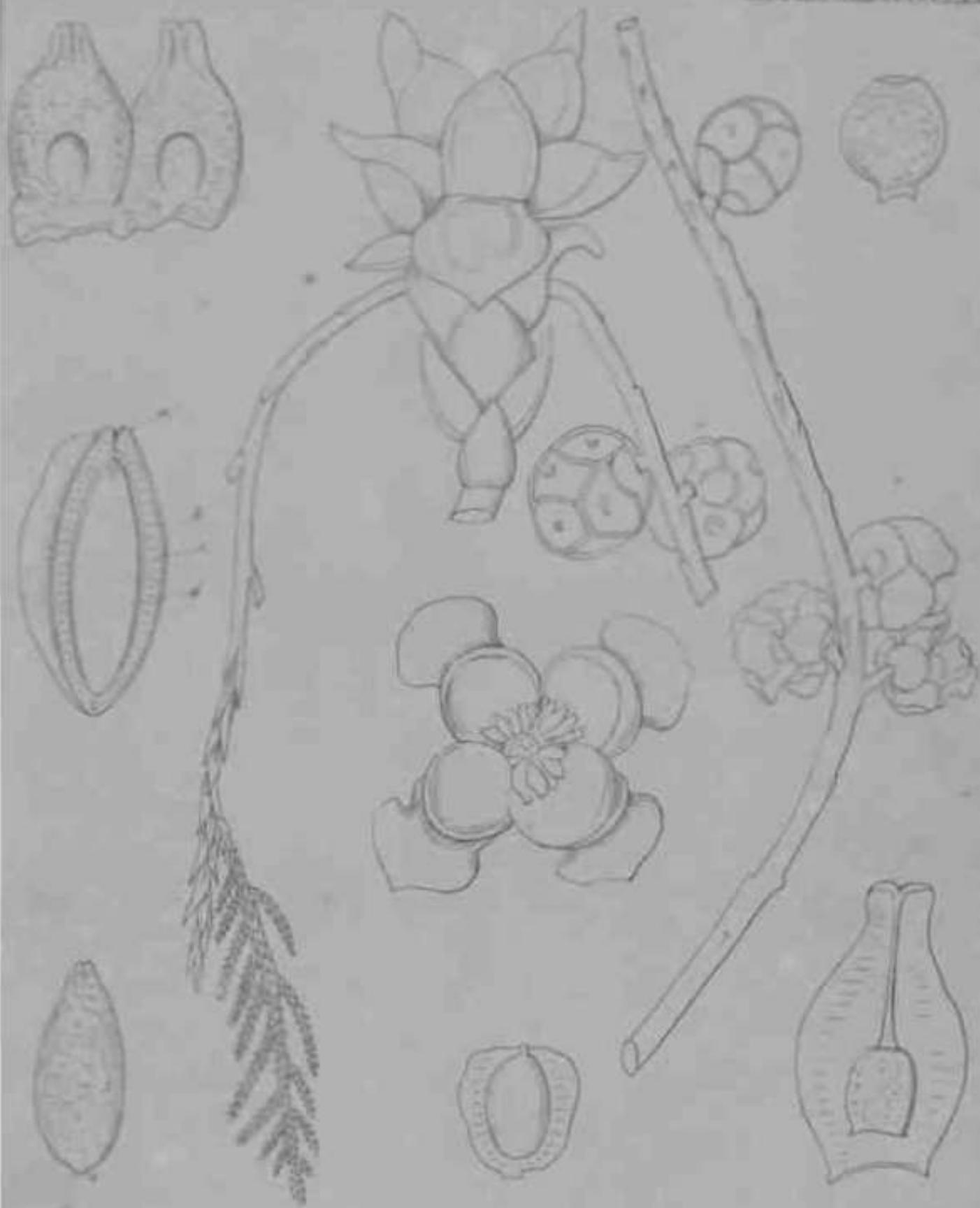
■ Pinus longifolia



Pinus longifolia

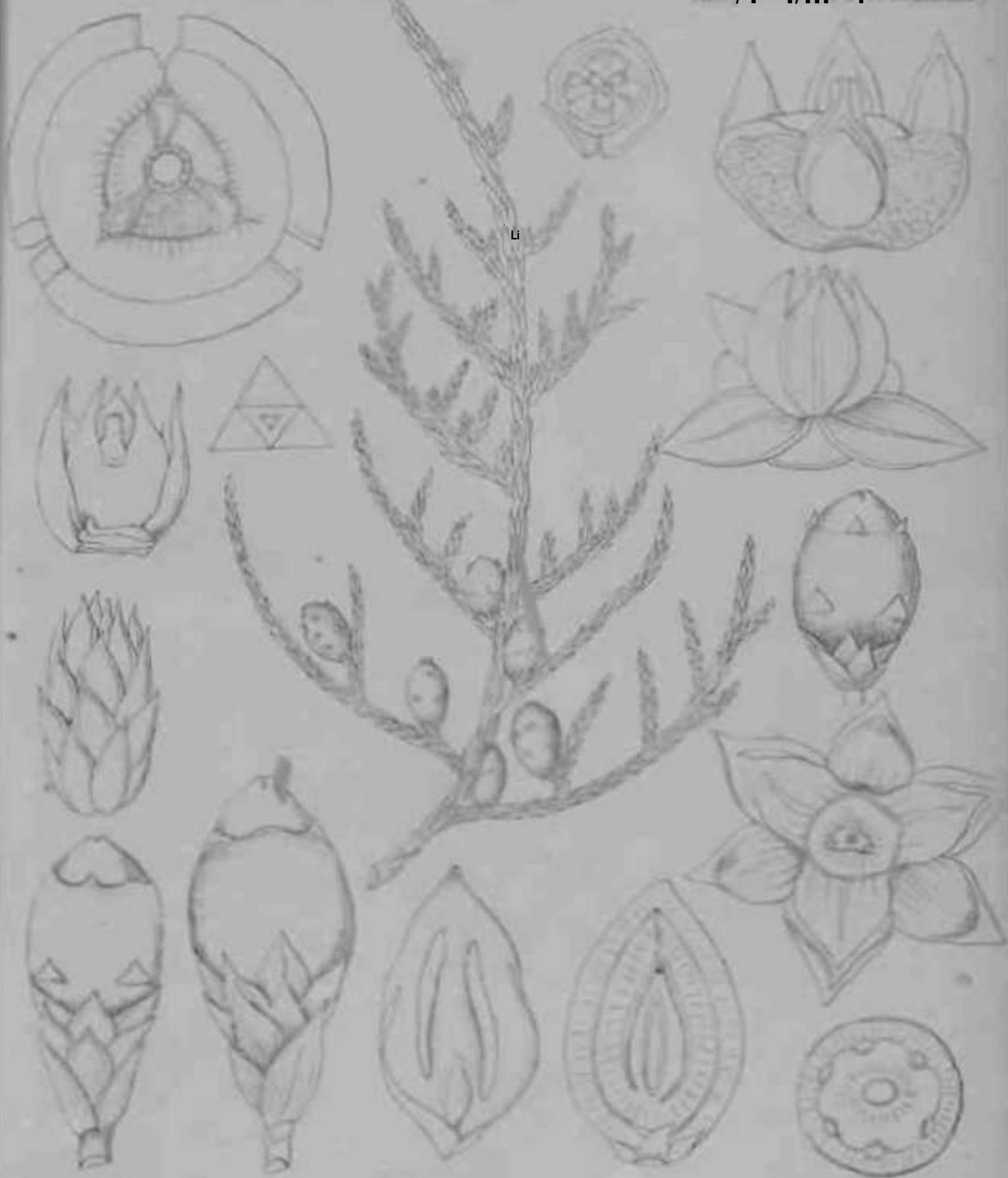


Abies Villiana

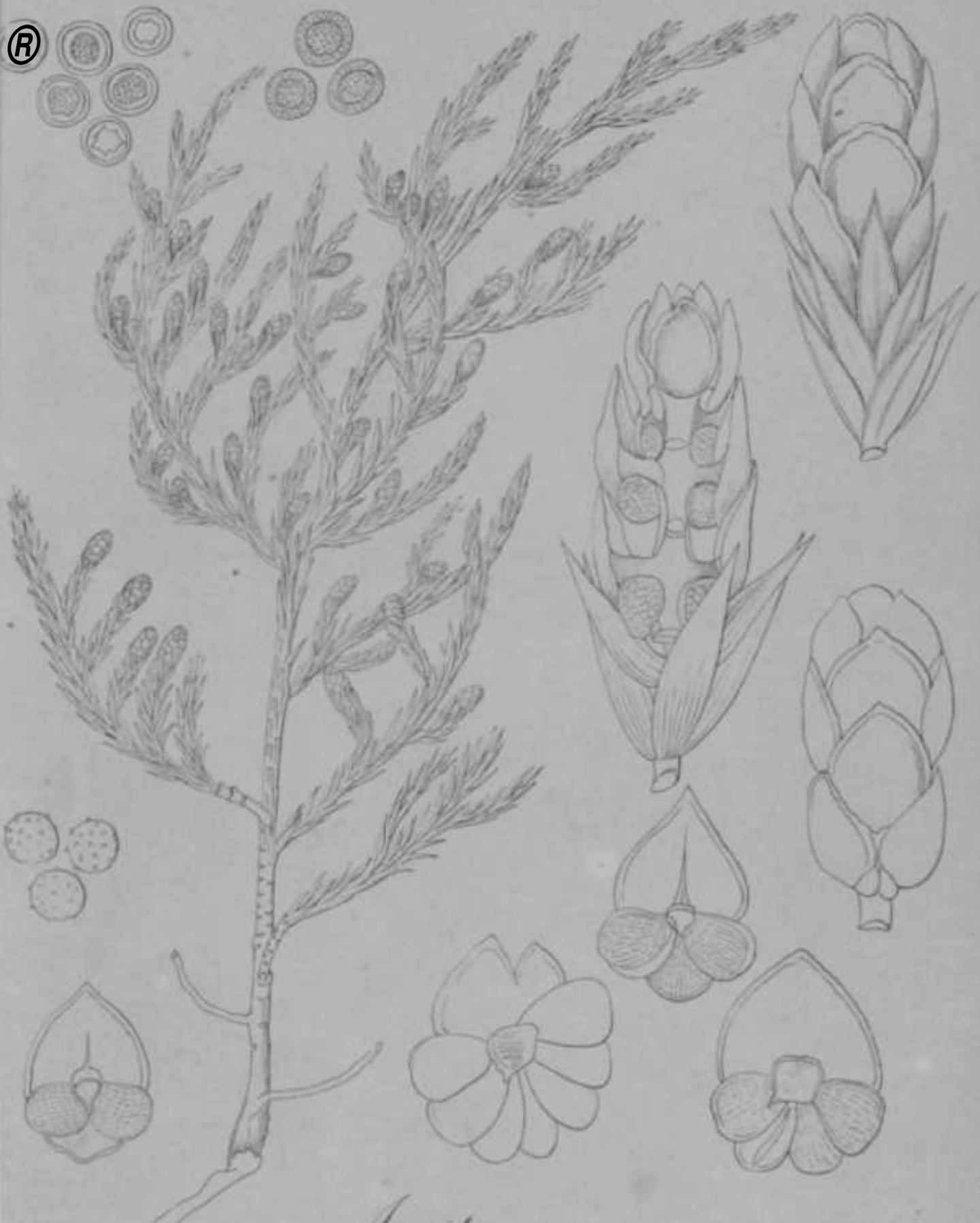


Cupressus lusitanica

Jan /?-*./... r. 1000000.



Astragalus ***

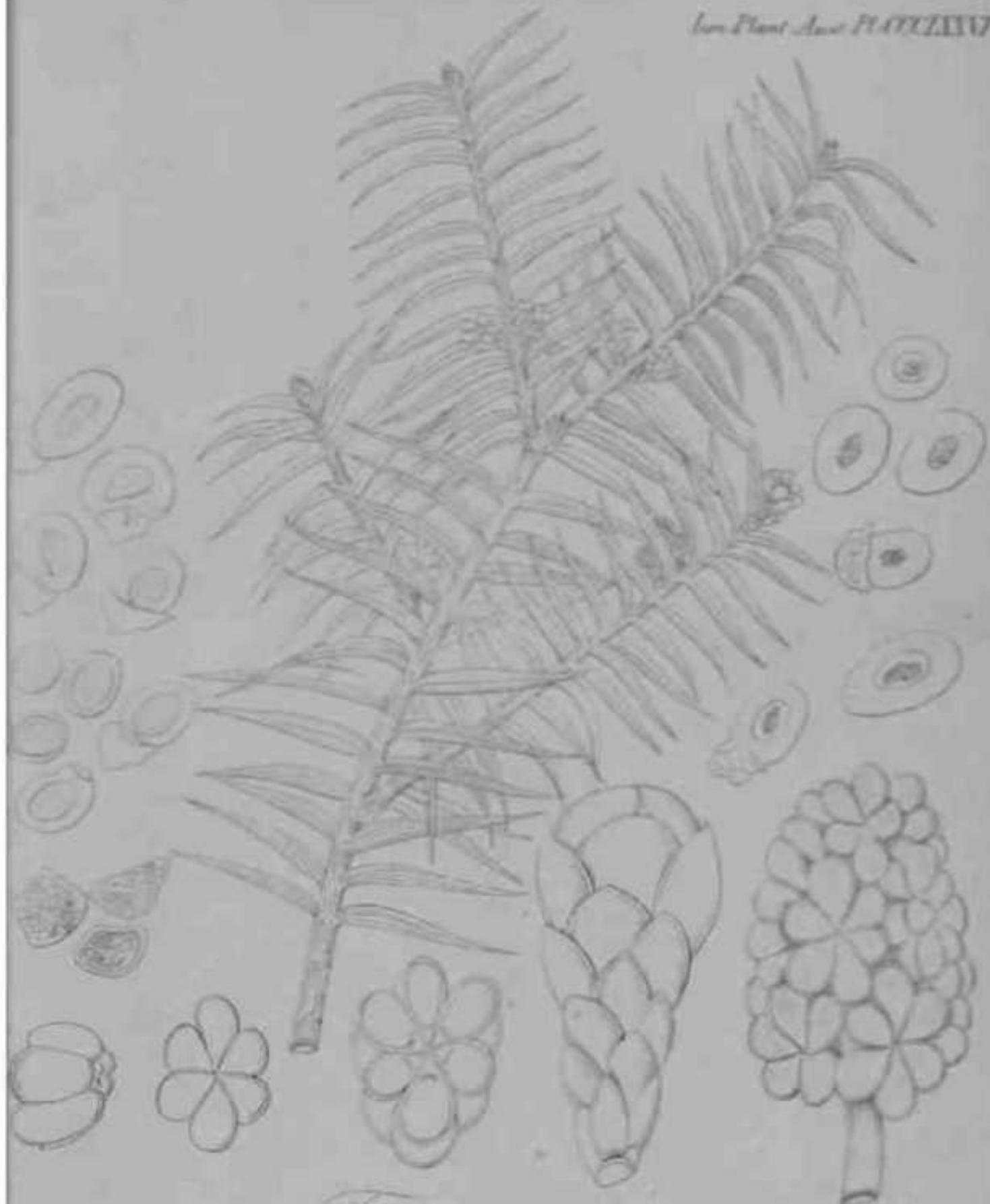


Juniperus recurva

Icon. Plant. Ind. Pl. CCCLXXV



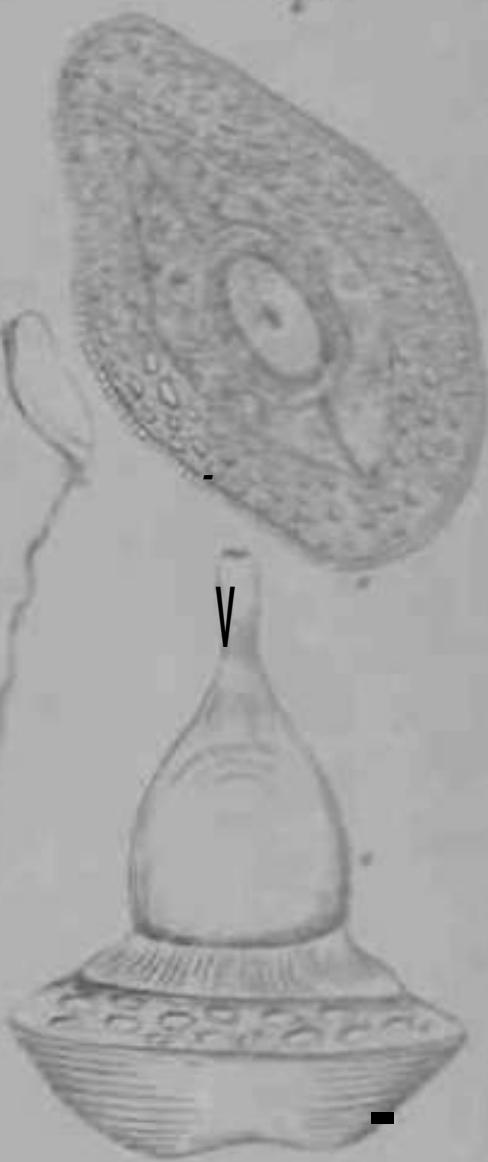
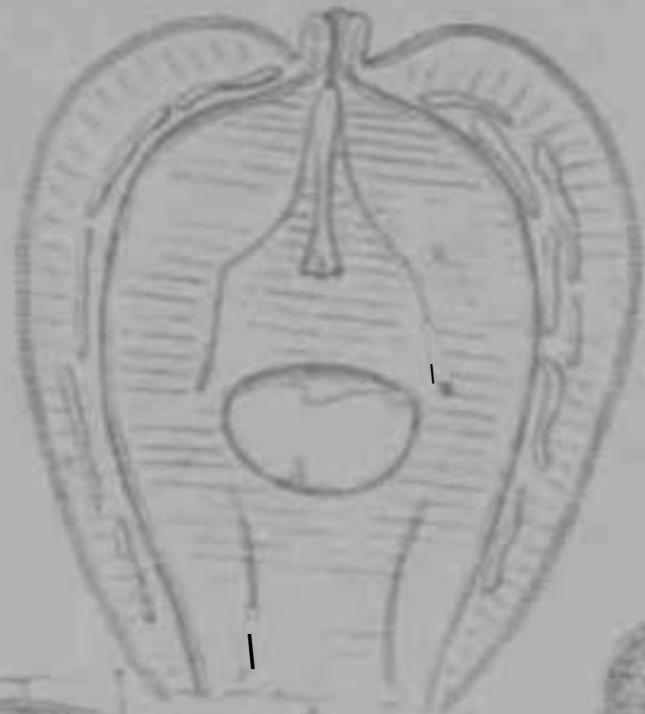
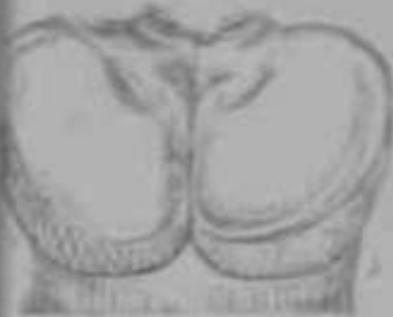
Fasc.



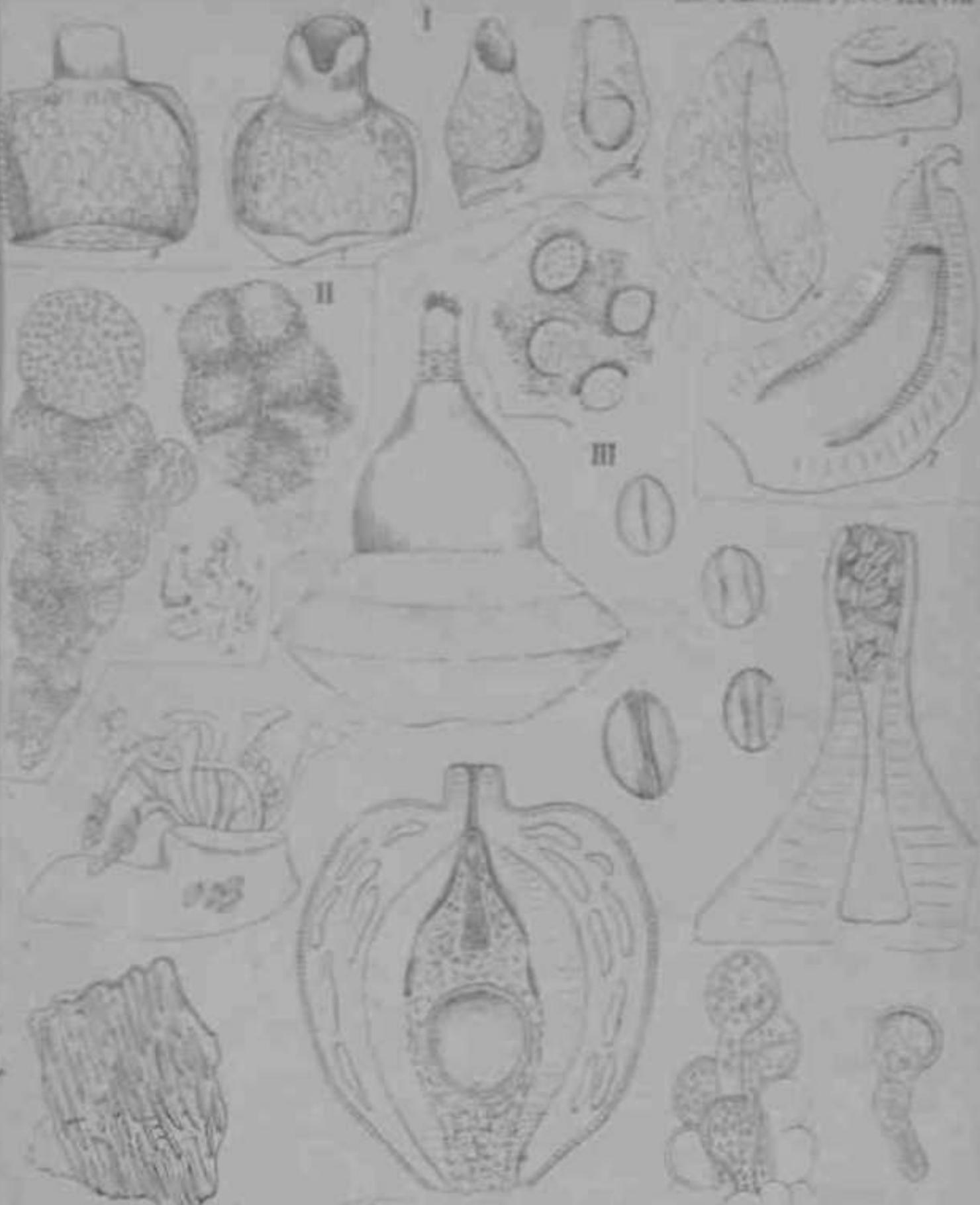
Taxus canadensis spuff

I-tX—

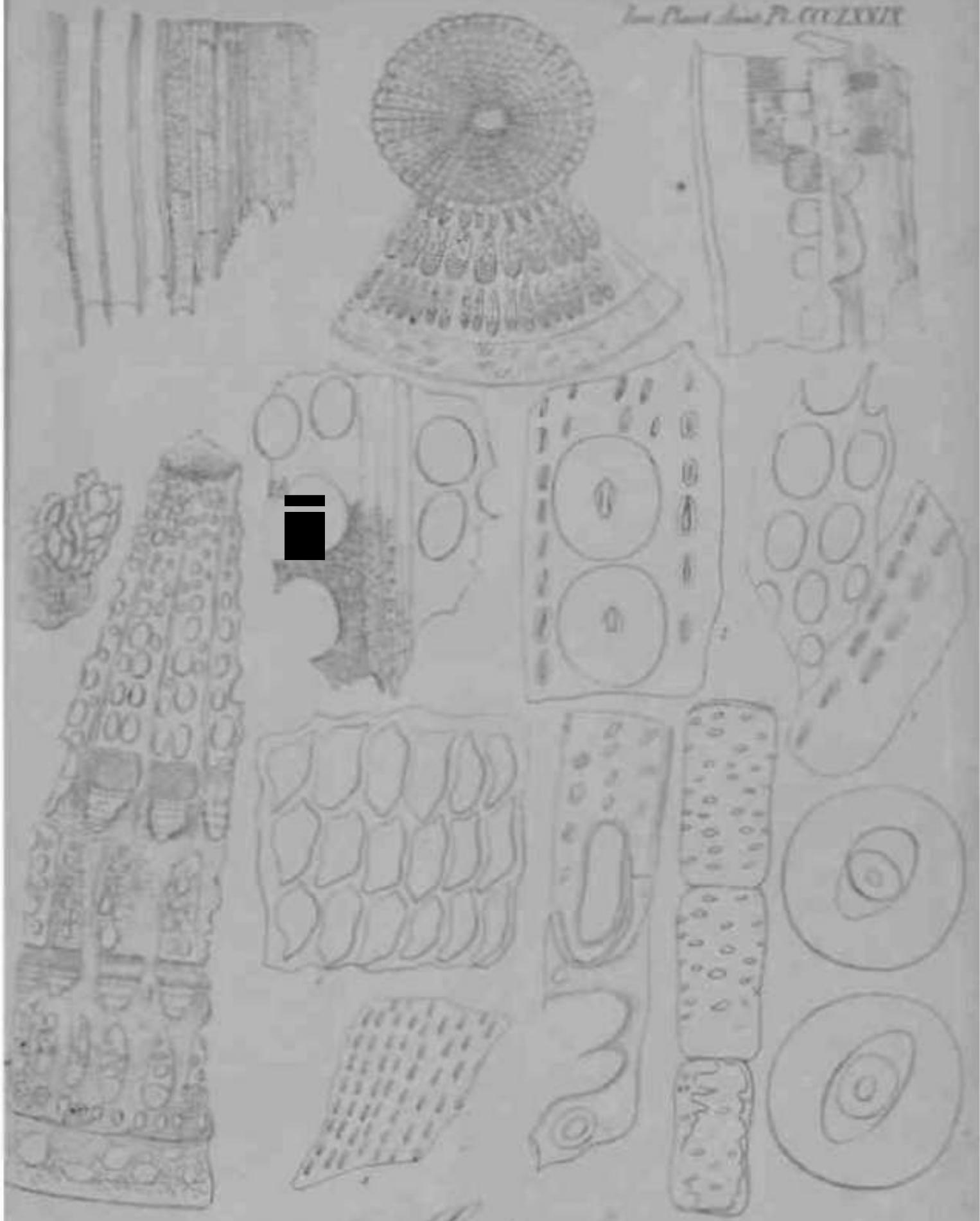
t.W



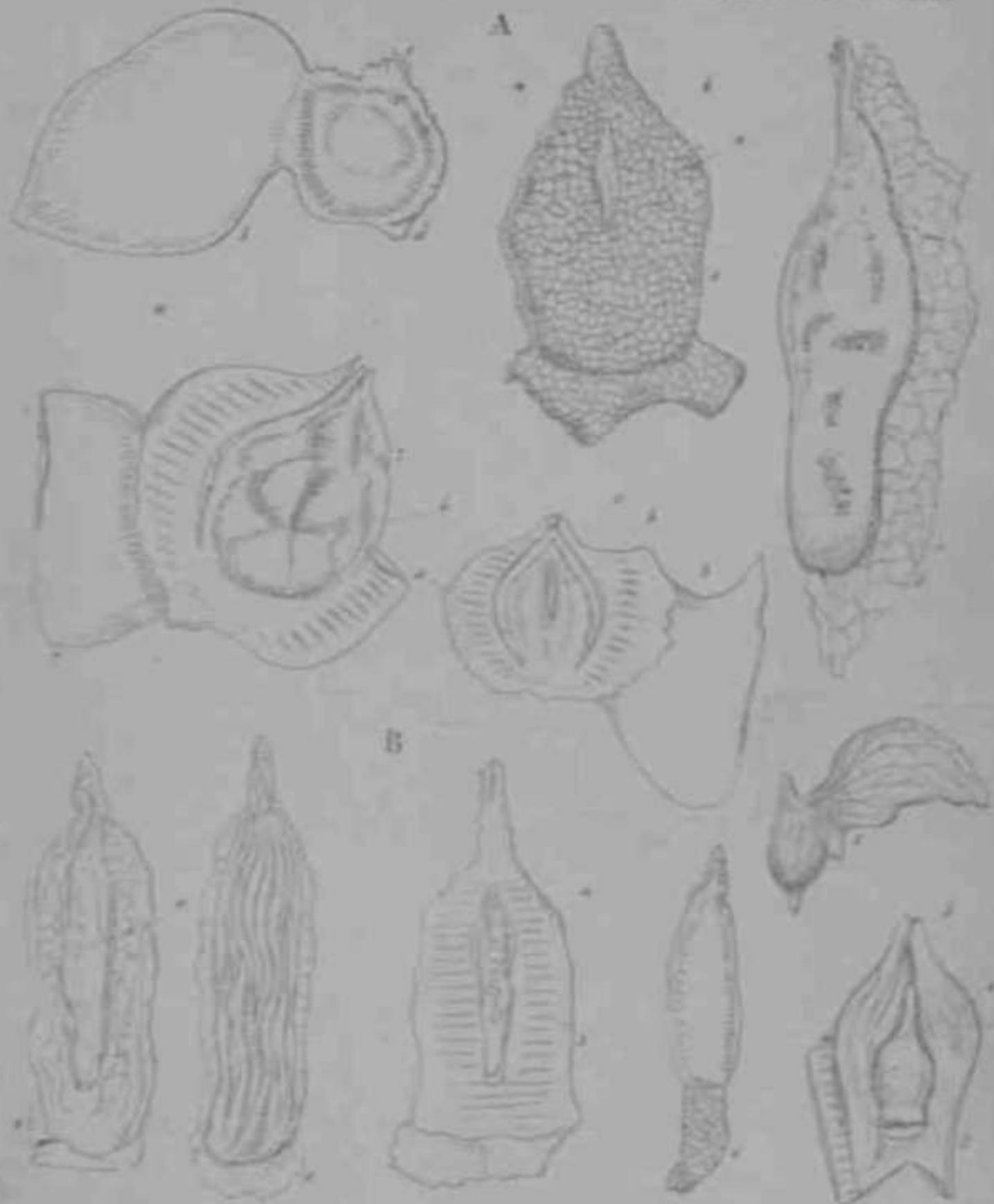
✓ 1471.J



III. *Thuya nana* in 6 years.



Indum



Agathis bennettii

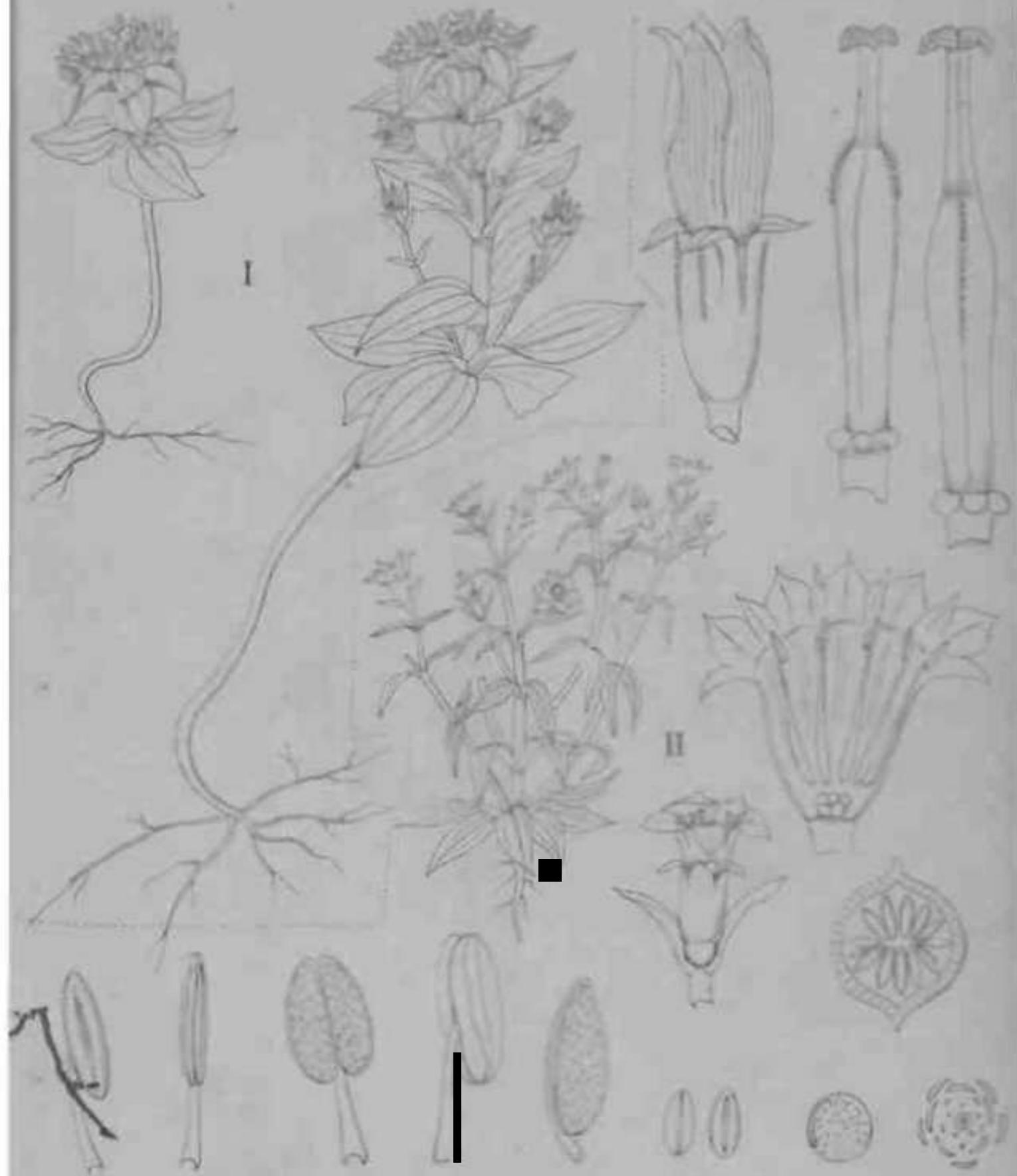


Ephedra usneoides n. Indicum

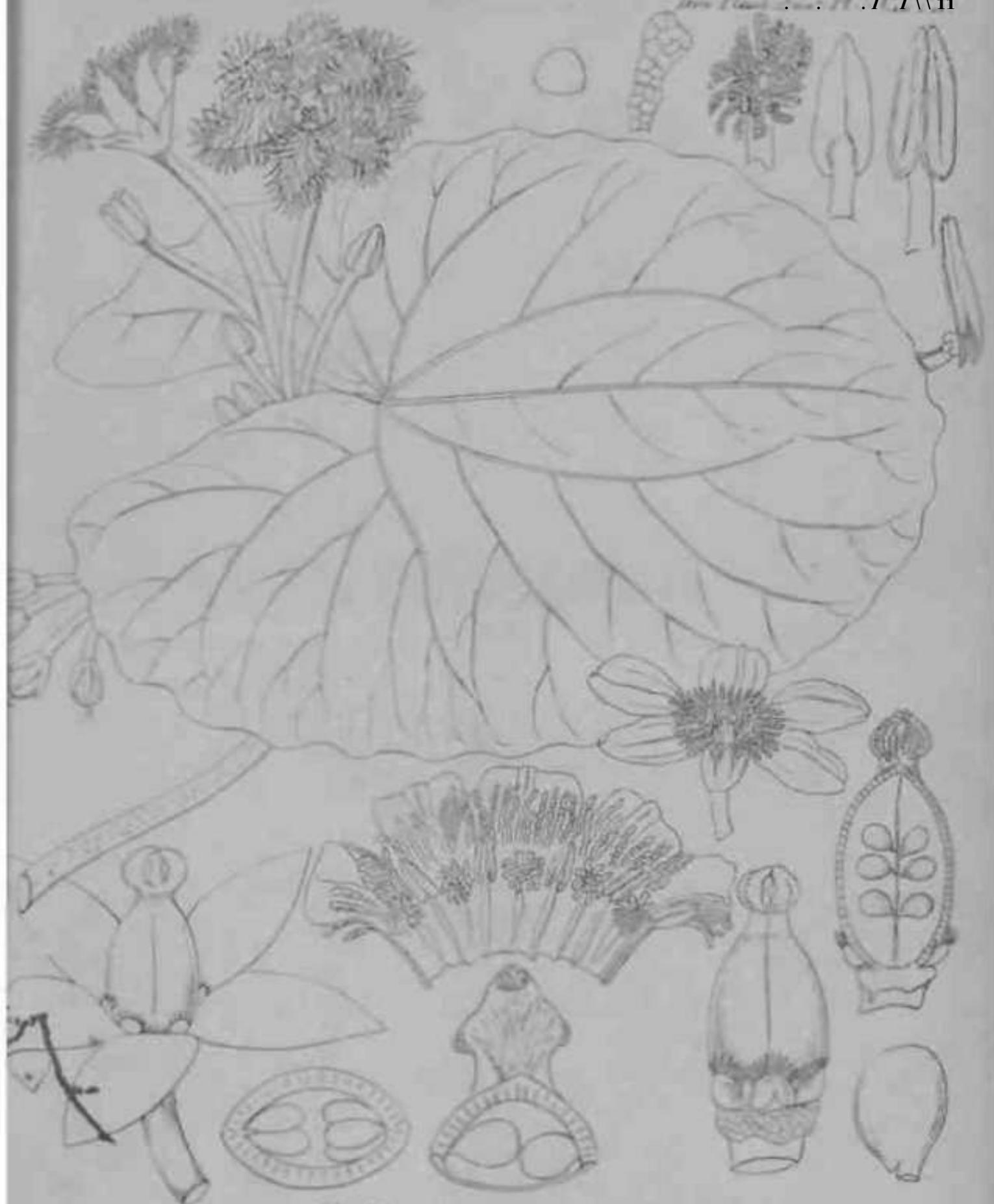




1 P. // / ff. Ultrasonic crystals, v., ^ /,, ff.



Gentiana lutea pumila



Villarsia glandulosa Griff.

Icon Plantarum Pl: CCCLXXVII



Wrightia



Icones Plantarum Novarum et Rariorum



Hoya undiflora

l— /i— J~t nnrixxsw



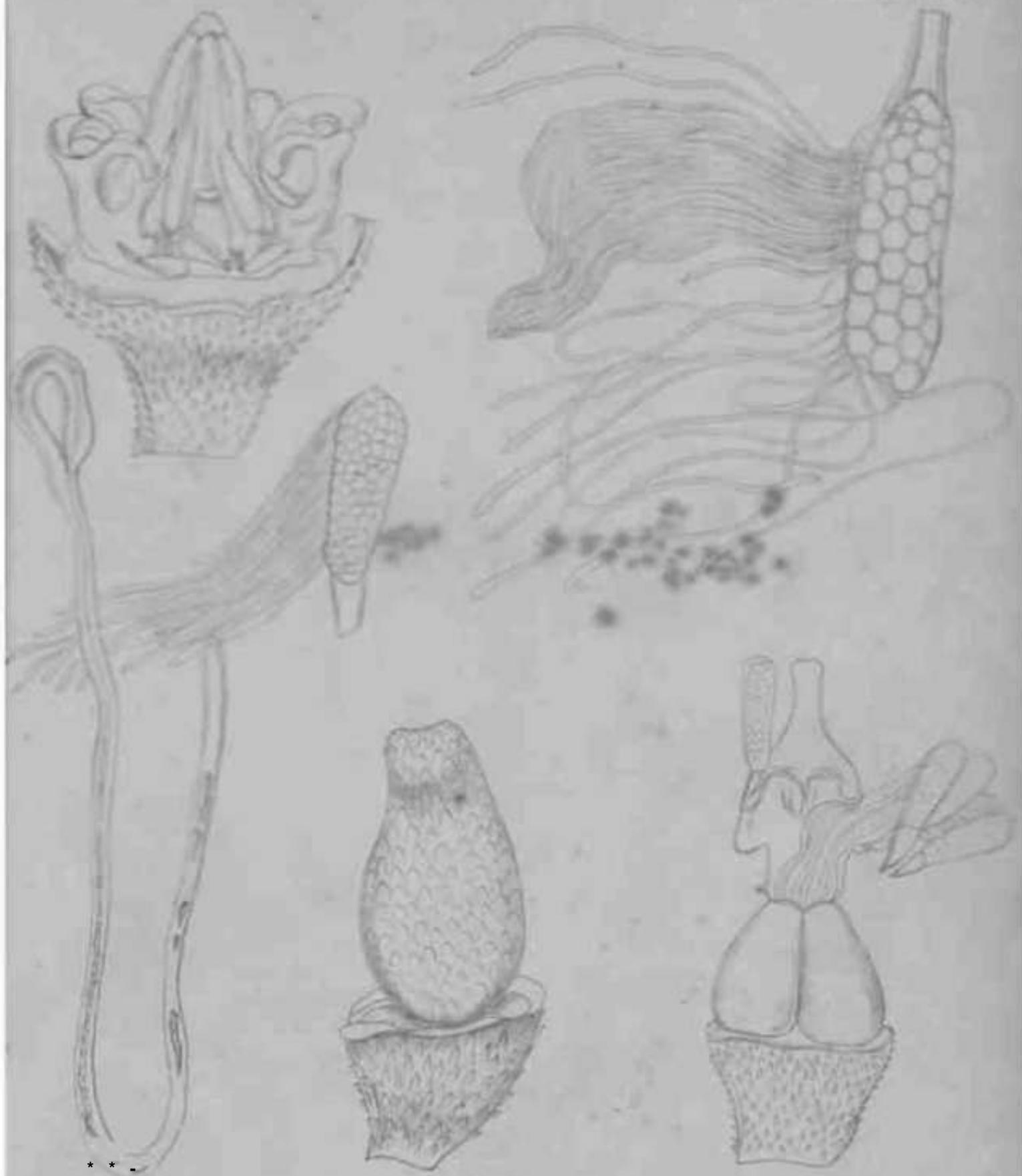
Koya woodflow

Les Plantes de la CÉRÉALE



Maizena

Engraved June 20 1838

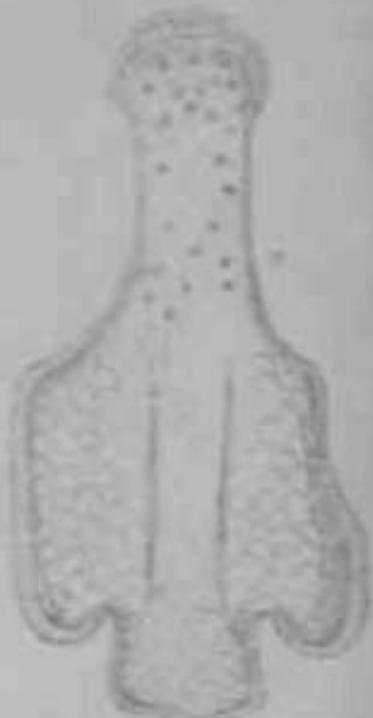


t.
Loxidia

— Plantae et PROKARYOT.

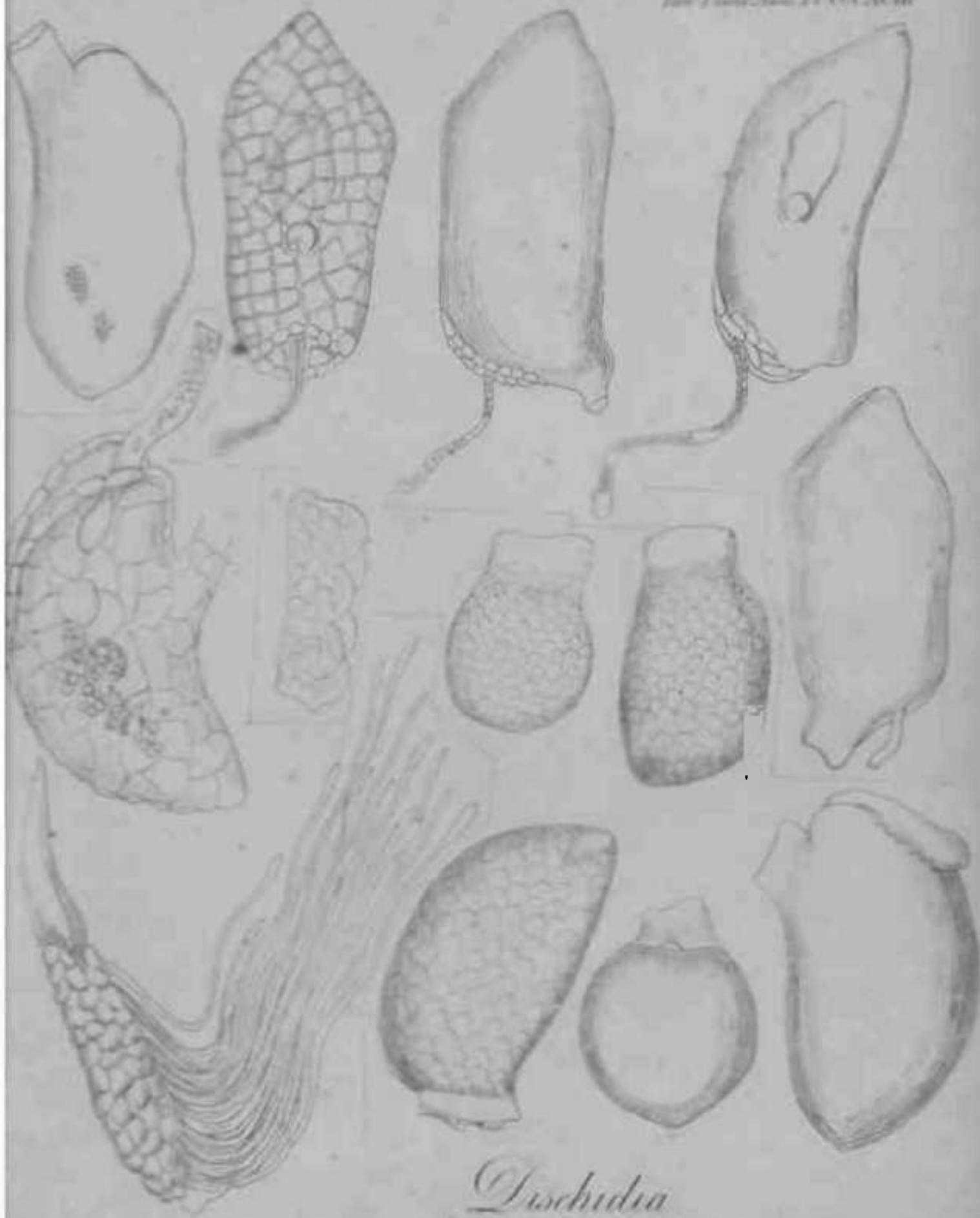


Droschidia



Dischidia

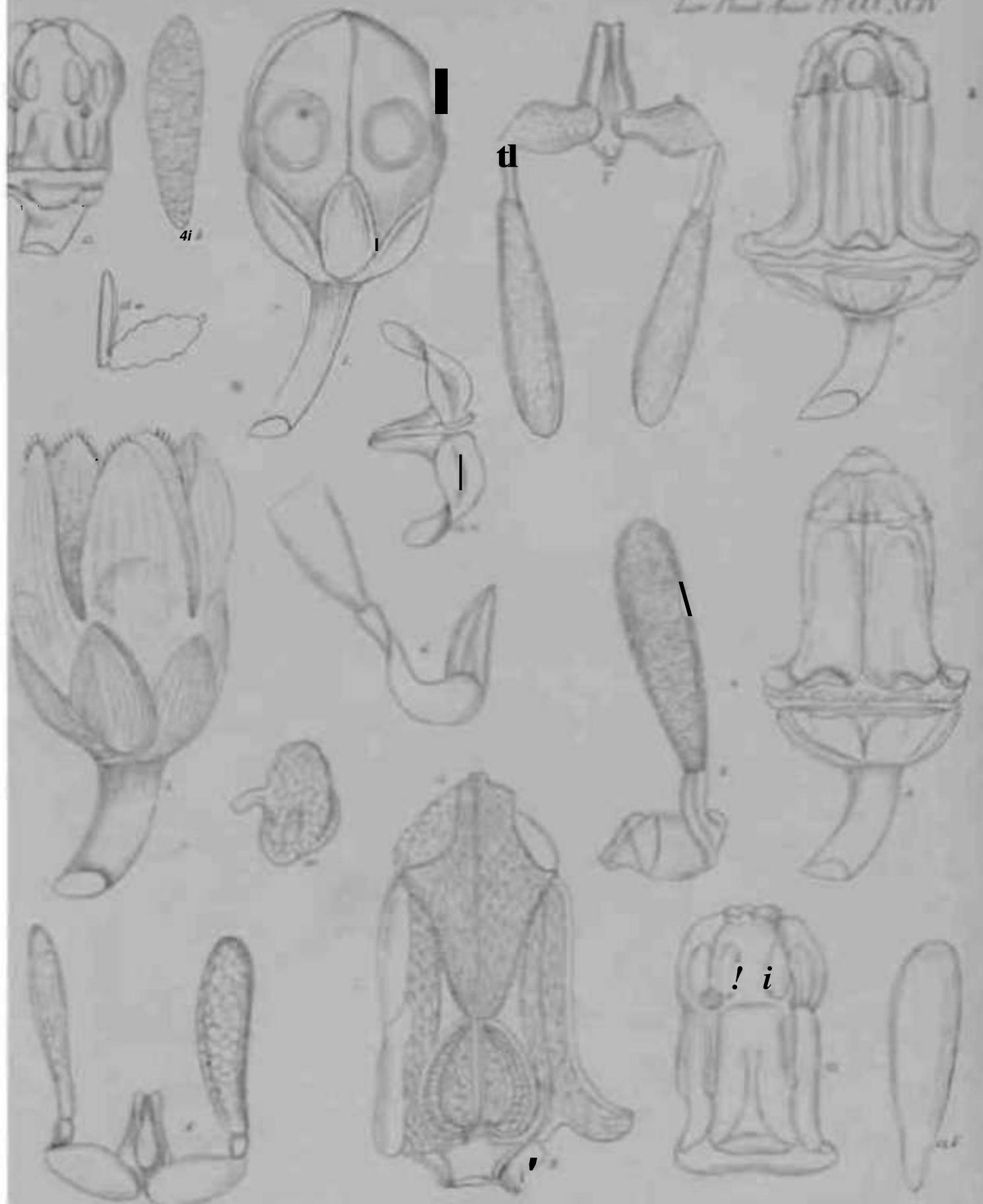
See Plate Amt 17 OCT 1888



Loc. Point Barre 17 OCT 1911

tl

! immema

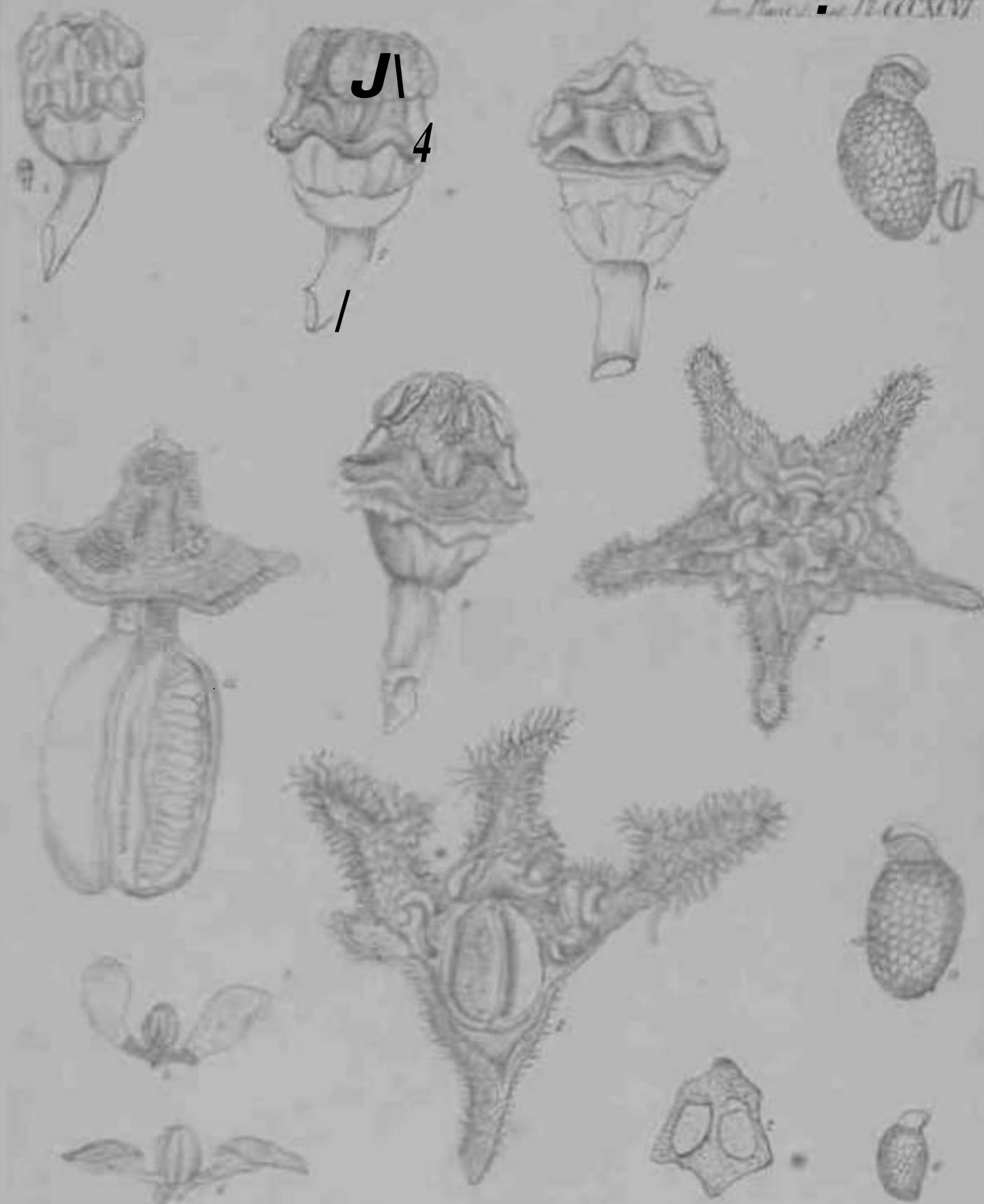


Annals of Botany

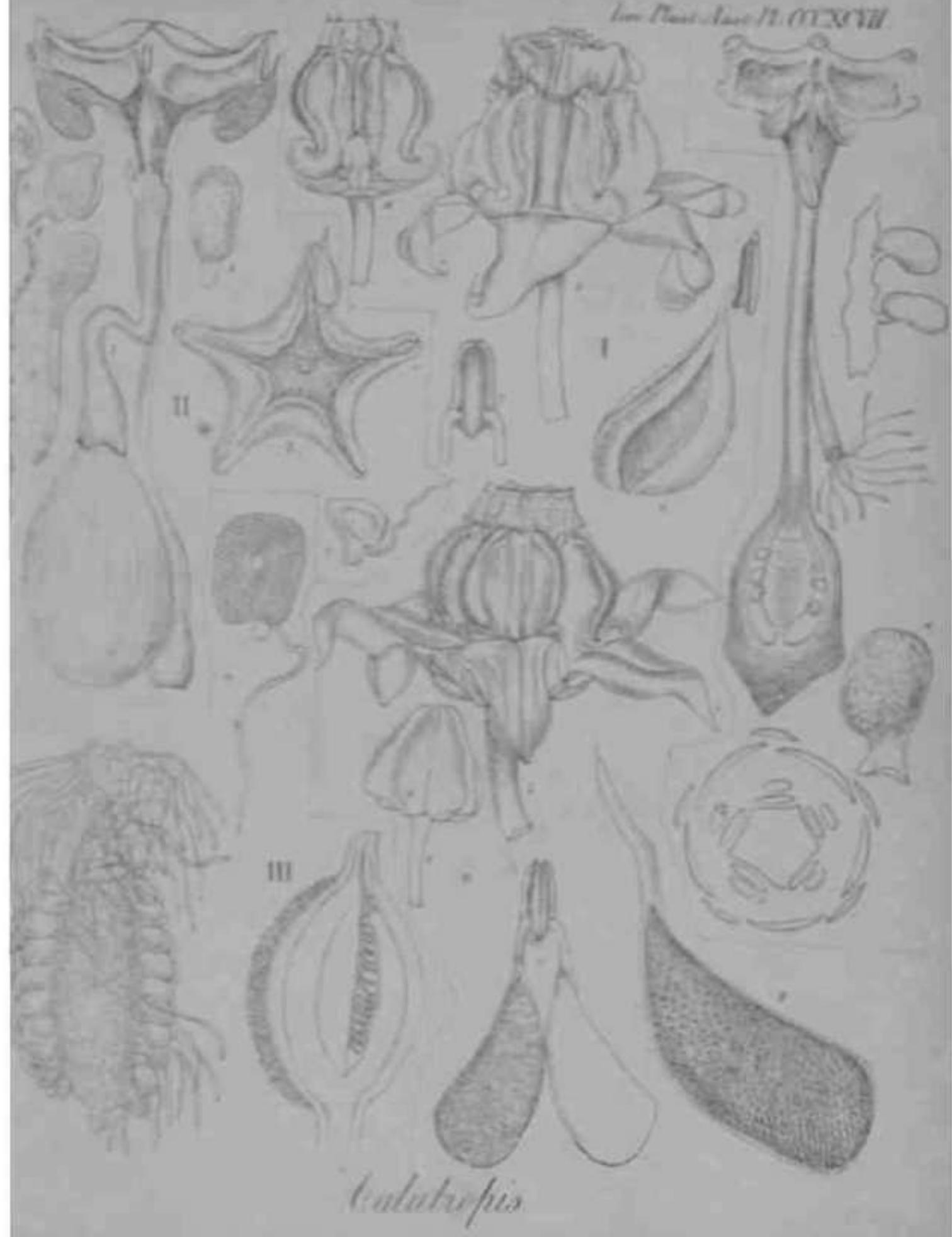
JAN

4

/



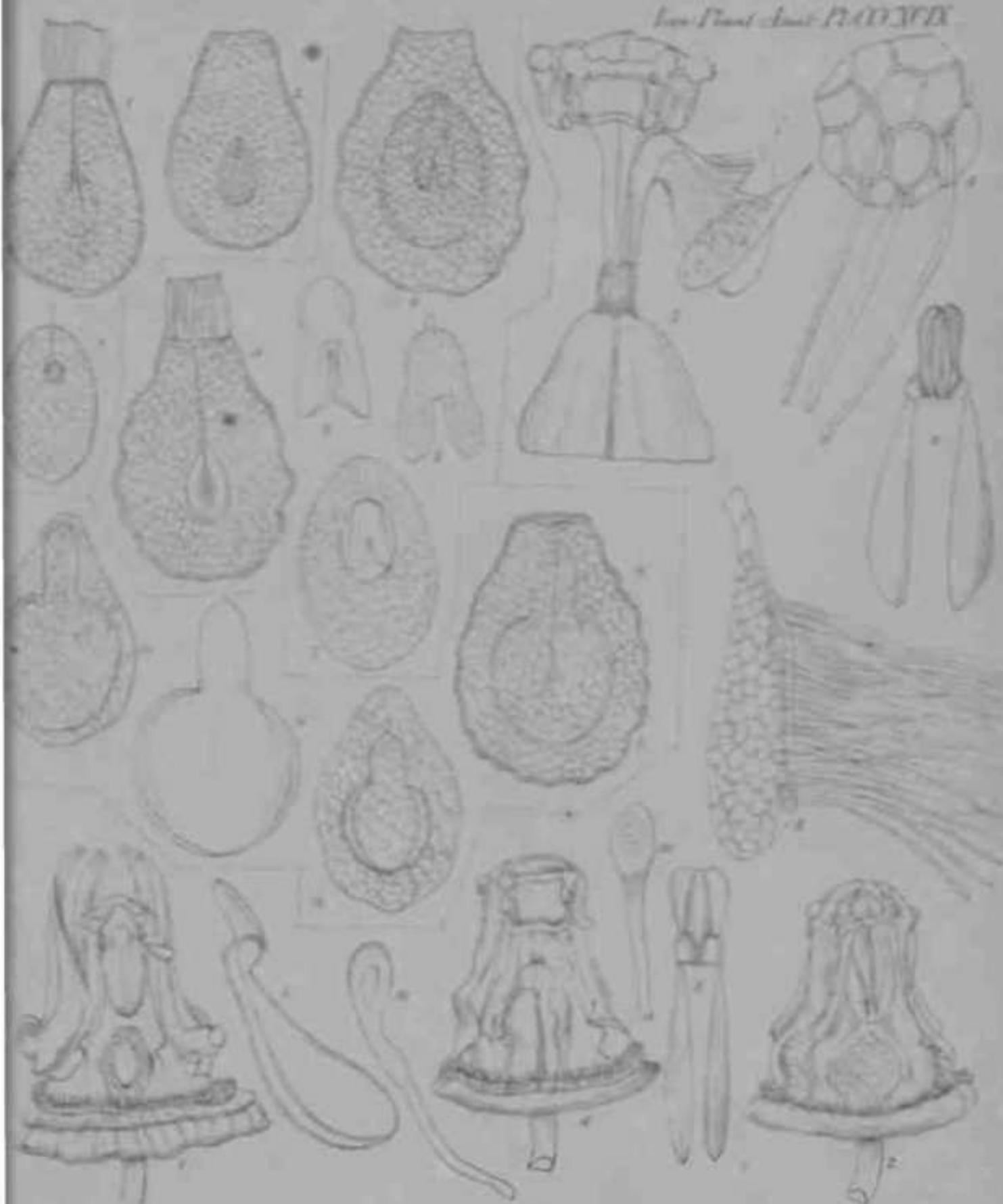
Gymnema



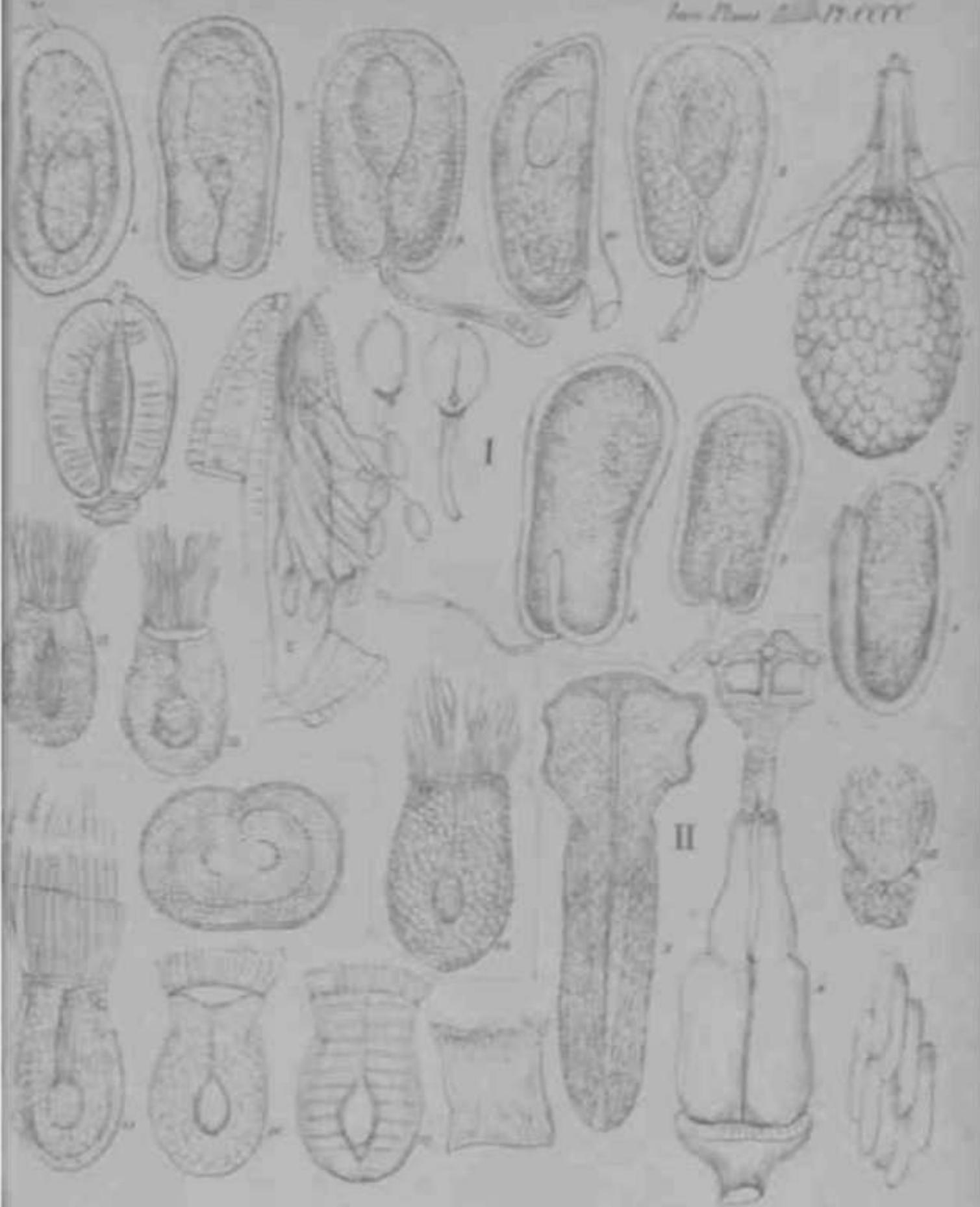
See Plate from PLATE VIII

t tfffff/} // tt, gigantea

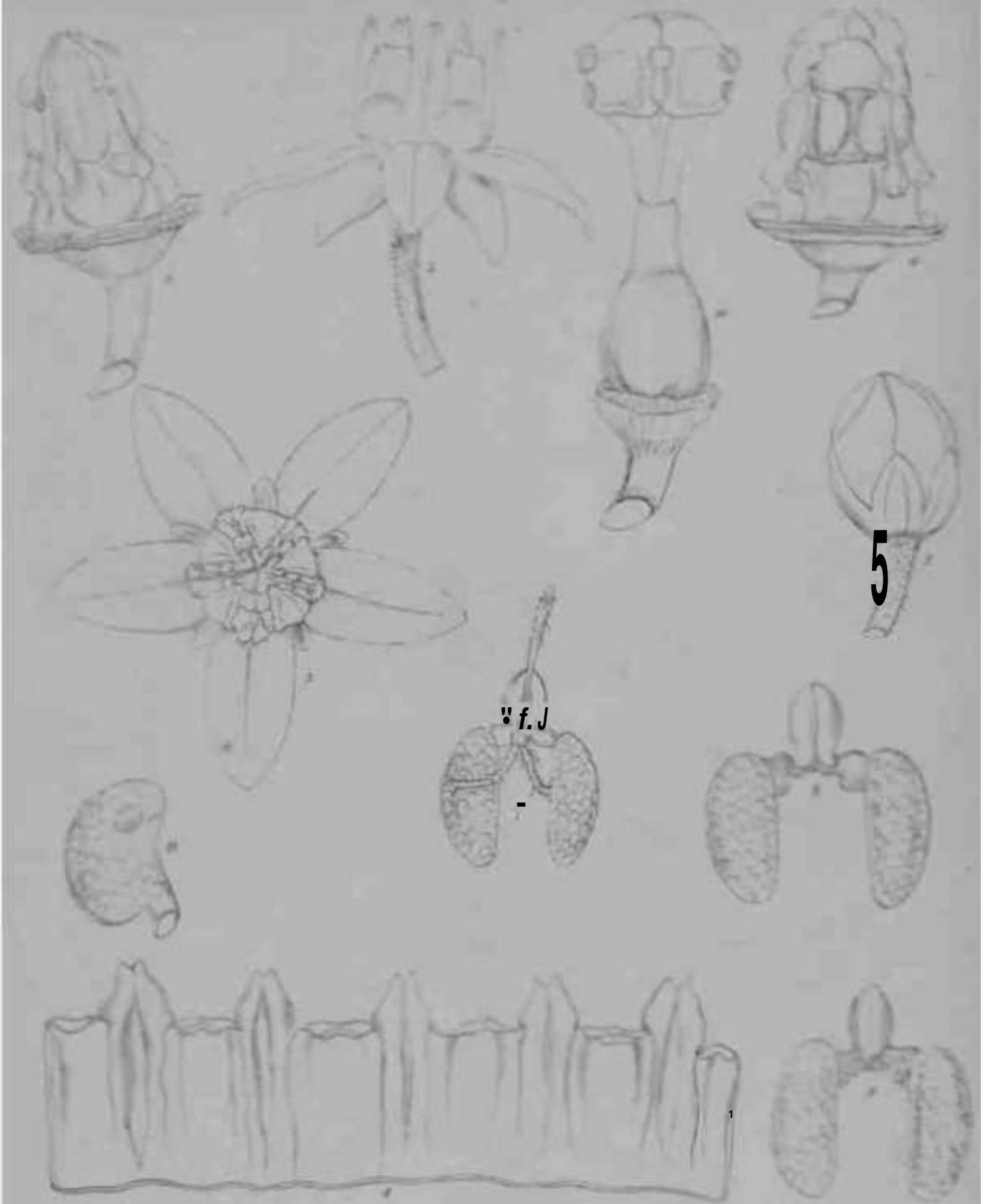




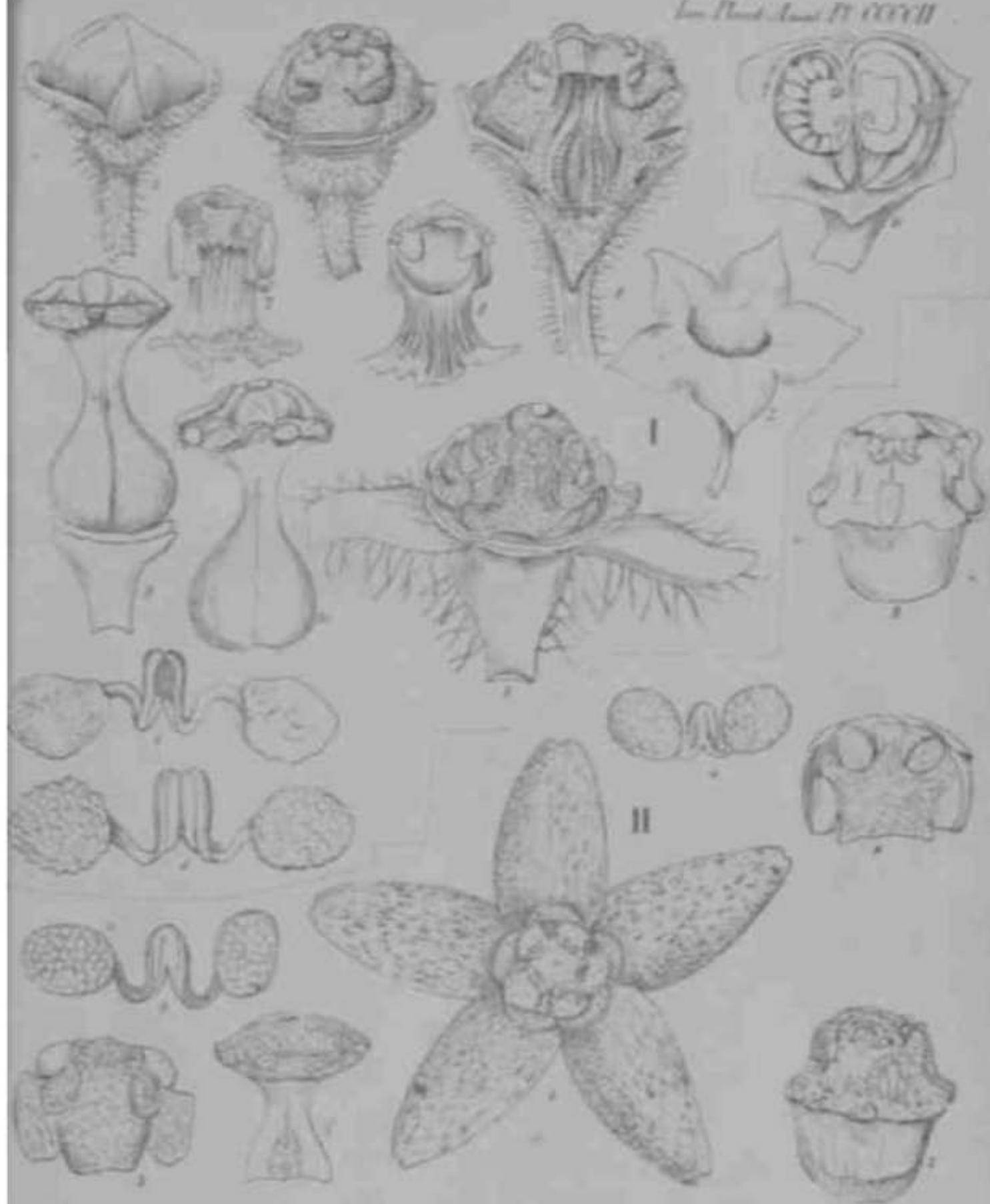
Oxydema vulgatum



Cryptilma *coeruleum*



f // / such "ft unspurium suff

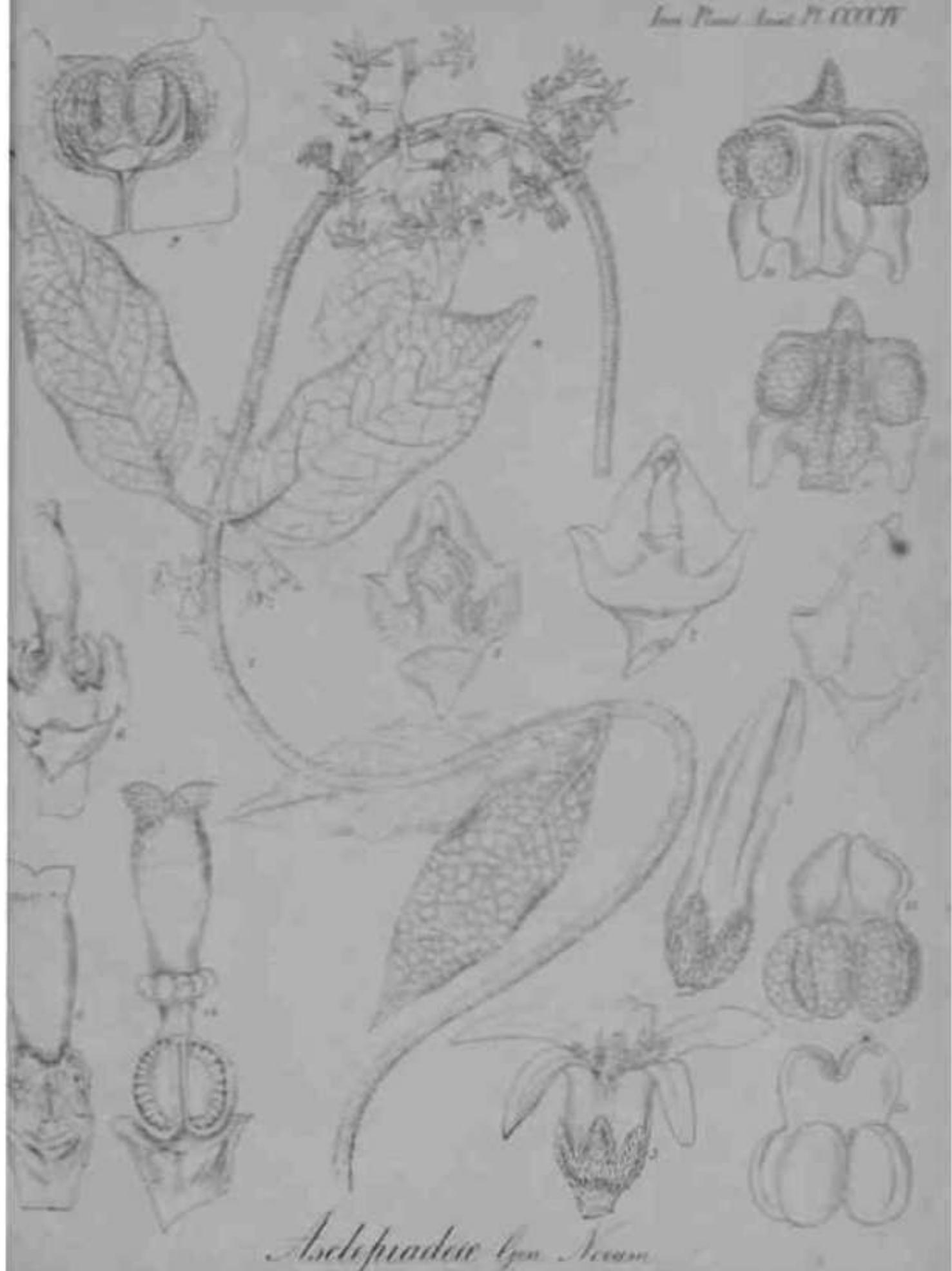


I *Cynanchum undulatum*

Leptothrix n. gen.



Asteliadra n. gen.

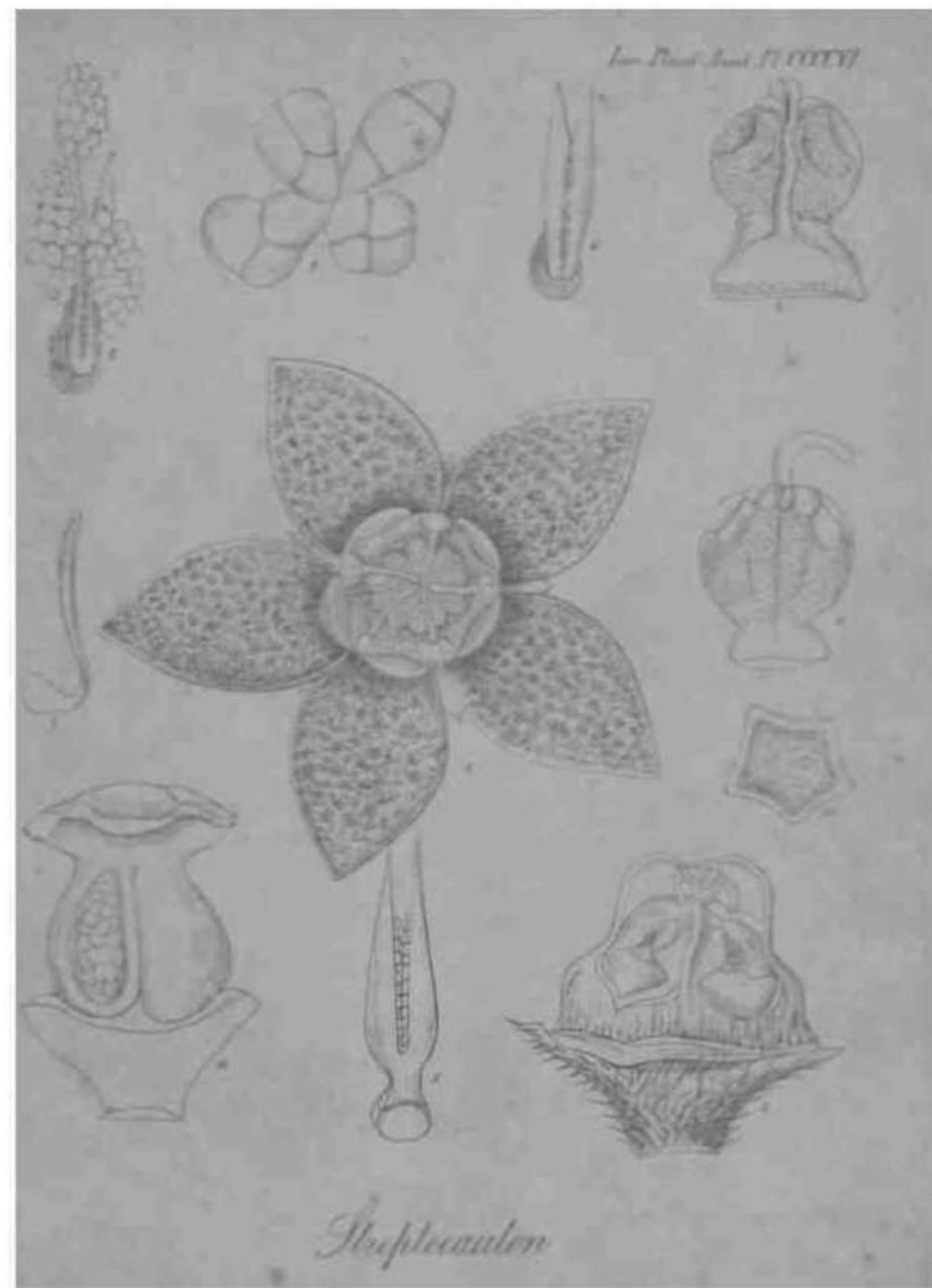


Asclepiadaceae Gen. Asclepias

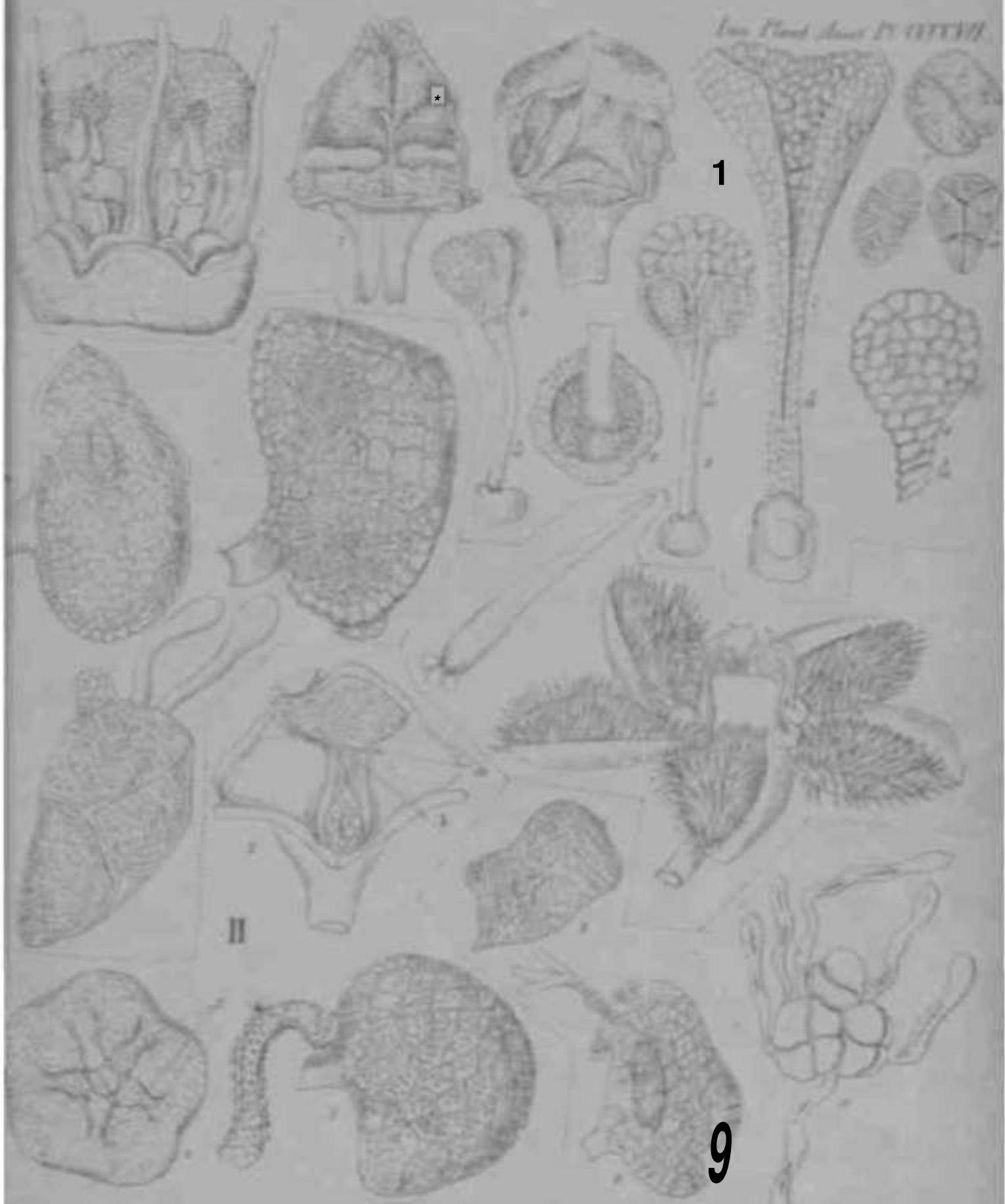


Sarcobatus

Icones Plantarum RICCI

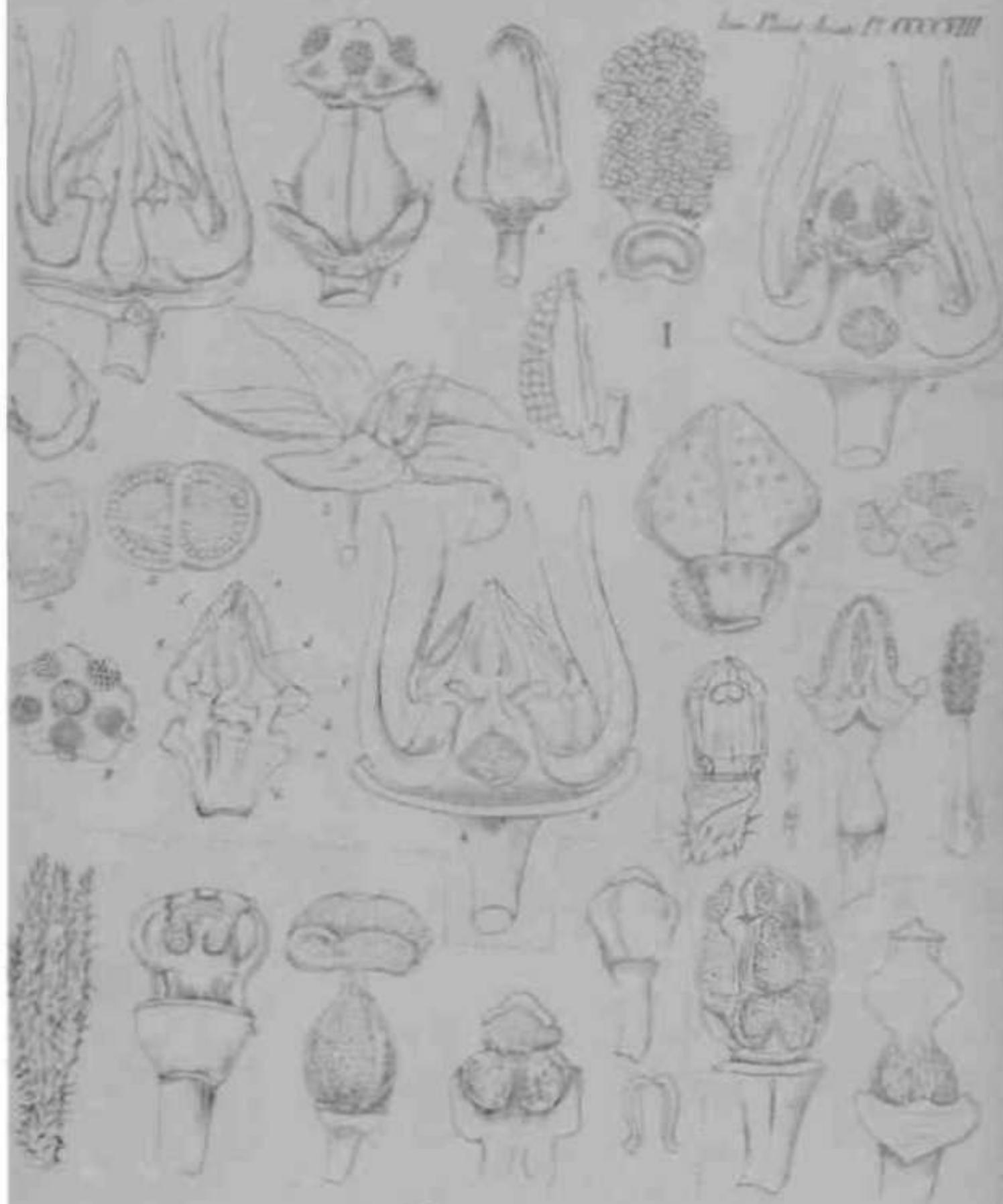


Strophioleuca

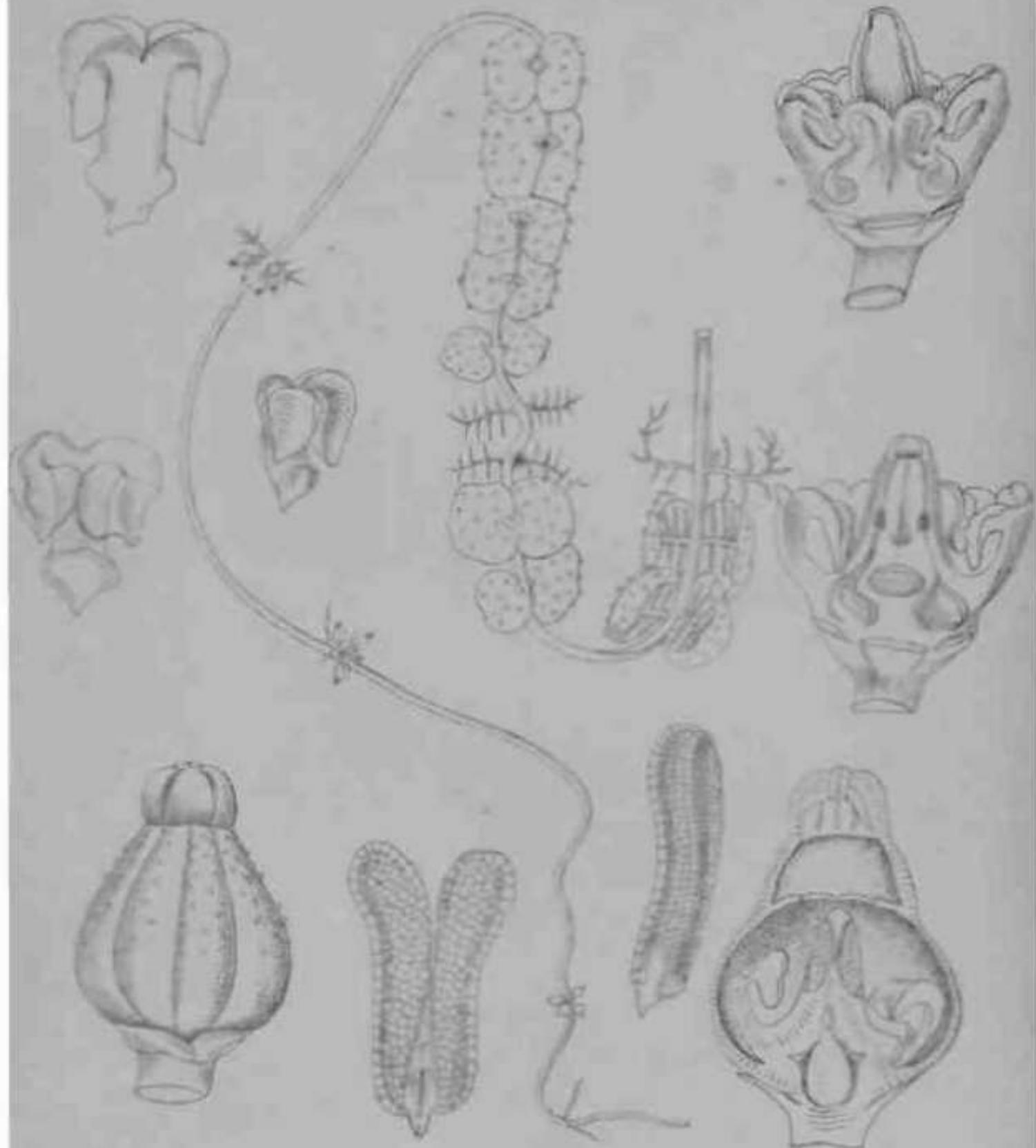


1. Enlaysonia Am

in Blatt 11. 1000 VIII



Hymenopteren



Dischidia

See Plant Amer. Pt. XXX

1

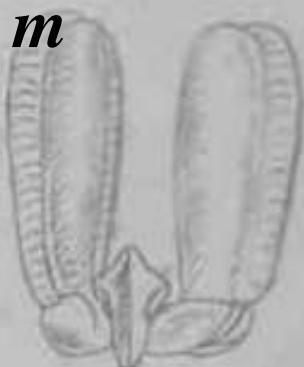


Chionanthus monanthos

*m—t *^* n*



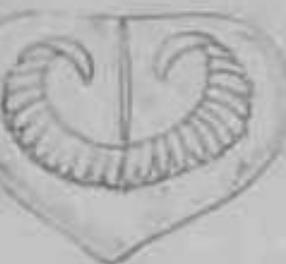
I



m



V



VI



VIII



J

Dischidium Guzman & Moya *1988* *s* *v, ^ r/* **r/G+*

Die Muschelkalkalgen

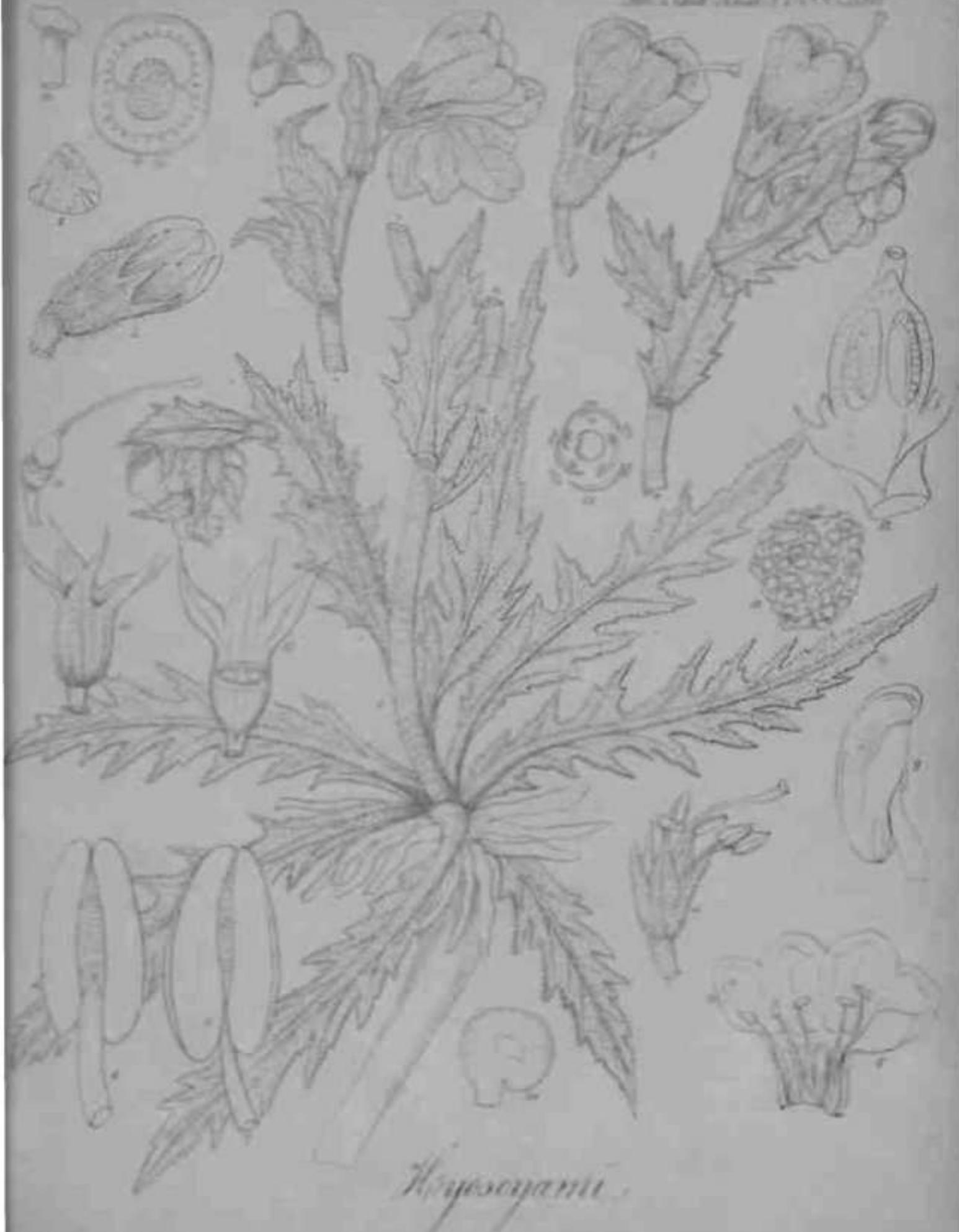


I. *Spiralalgen u. Algen aus dem M.*



Невозимус

See Plate and Description



Hylesoyamii.



I. *Scleromphalus* II. *Solanum tuberosum*



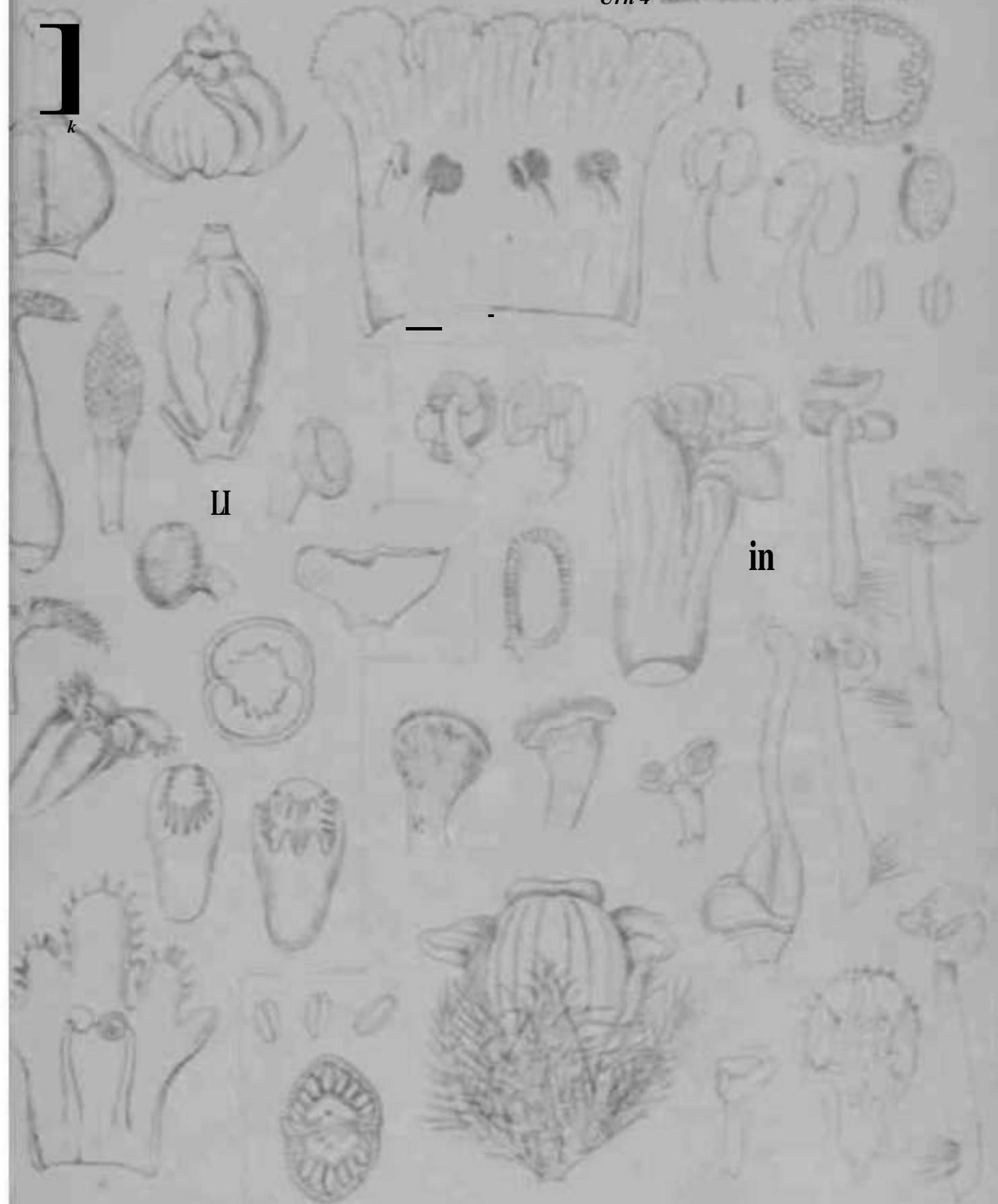
1111111111



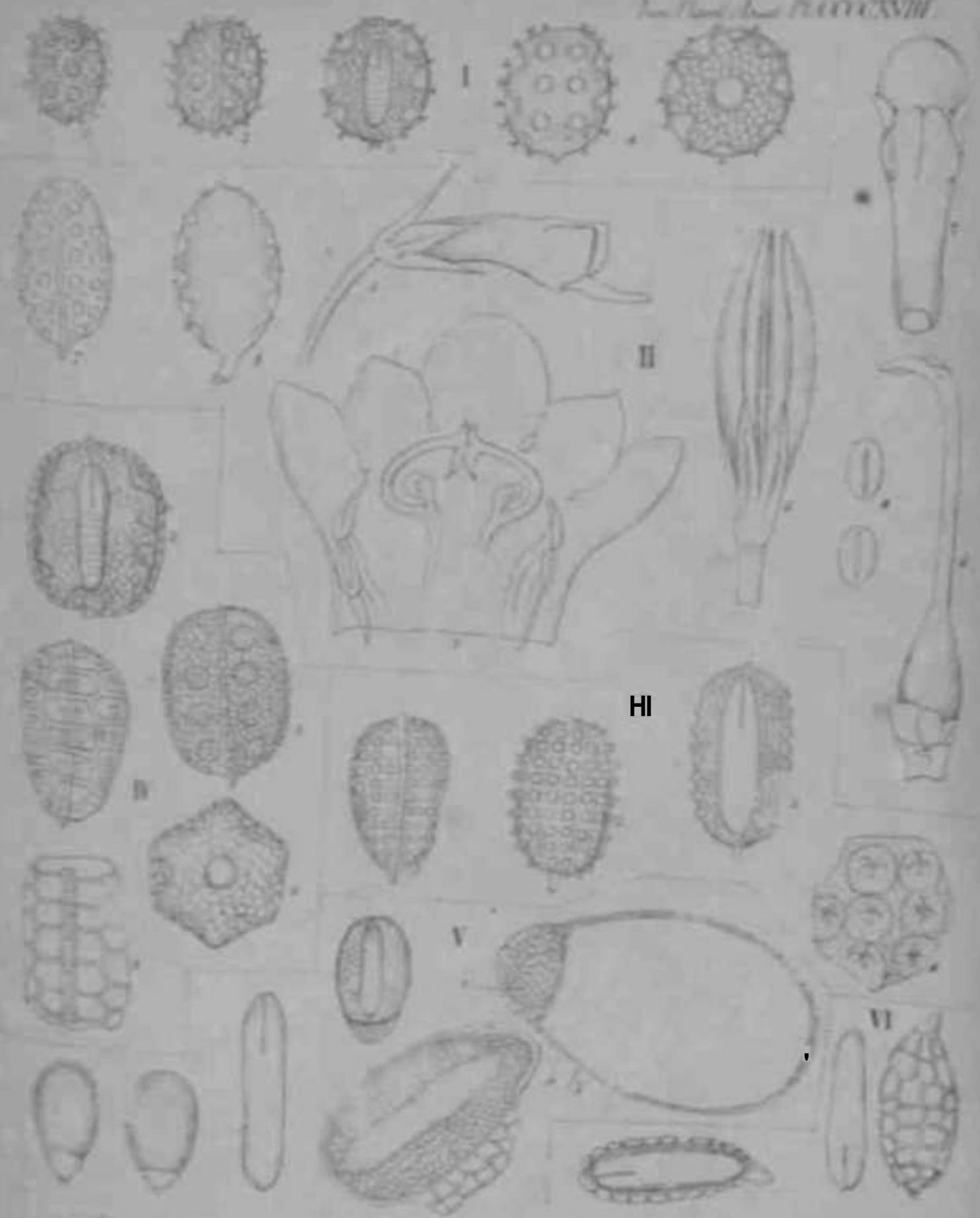
Ann Plant Annu 17-1897-17



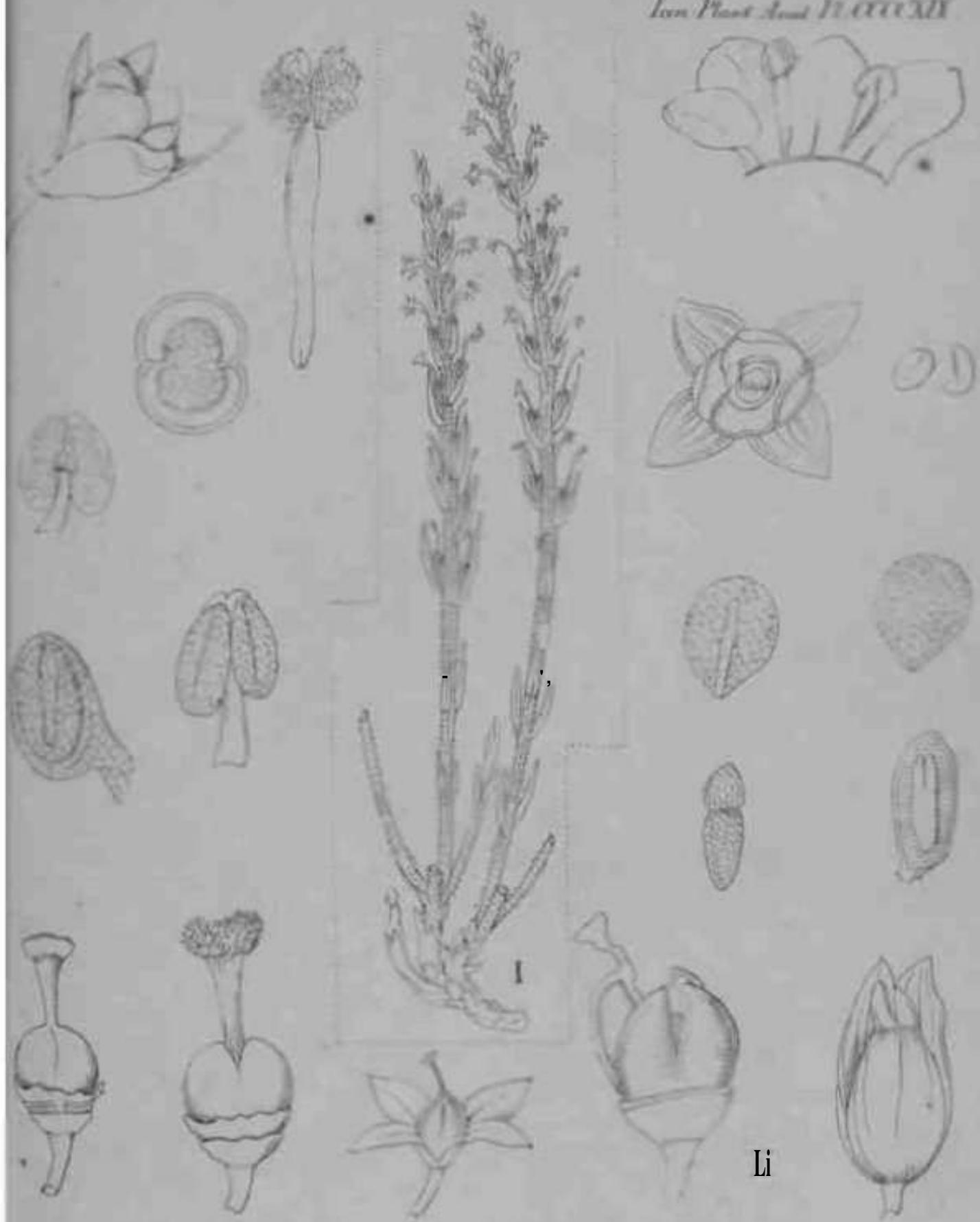
n Limnophila sp



Cardiotephritis n. Miracariae et Stroblyma



I. *Foeniculum vulgare* & *Pandorea*, II. *Cannabis sativa*, III. *Convolvulus sepium*, IV. *Pandorea* & *Sennaria*, V. *t/ff/ff/ff* *multiflorus* & *Dipatrum junceum*



I. *Buchnera* sp. II *Veronica* sp.

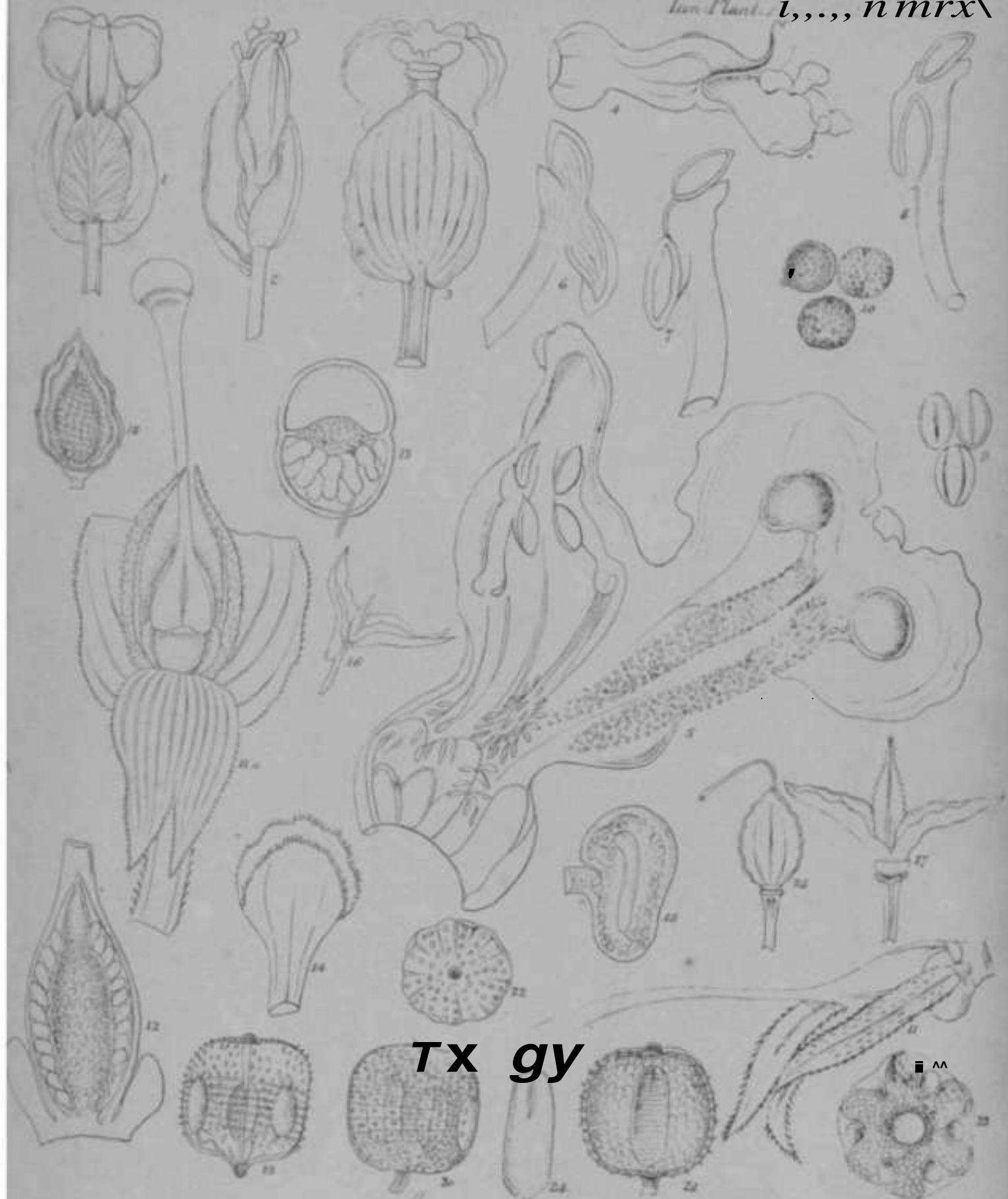


Wulfenia obliqua

Lam Plant. *i, . . . , n mrx*

TX gy

Scrophulariaceae



Bot. Plans. Linn. Pl. 100000

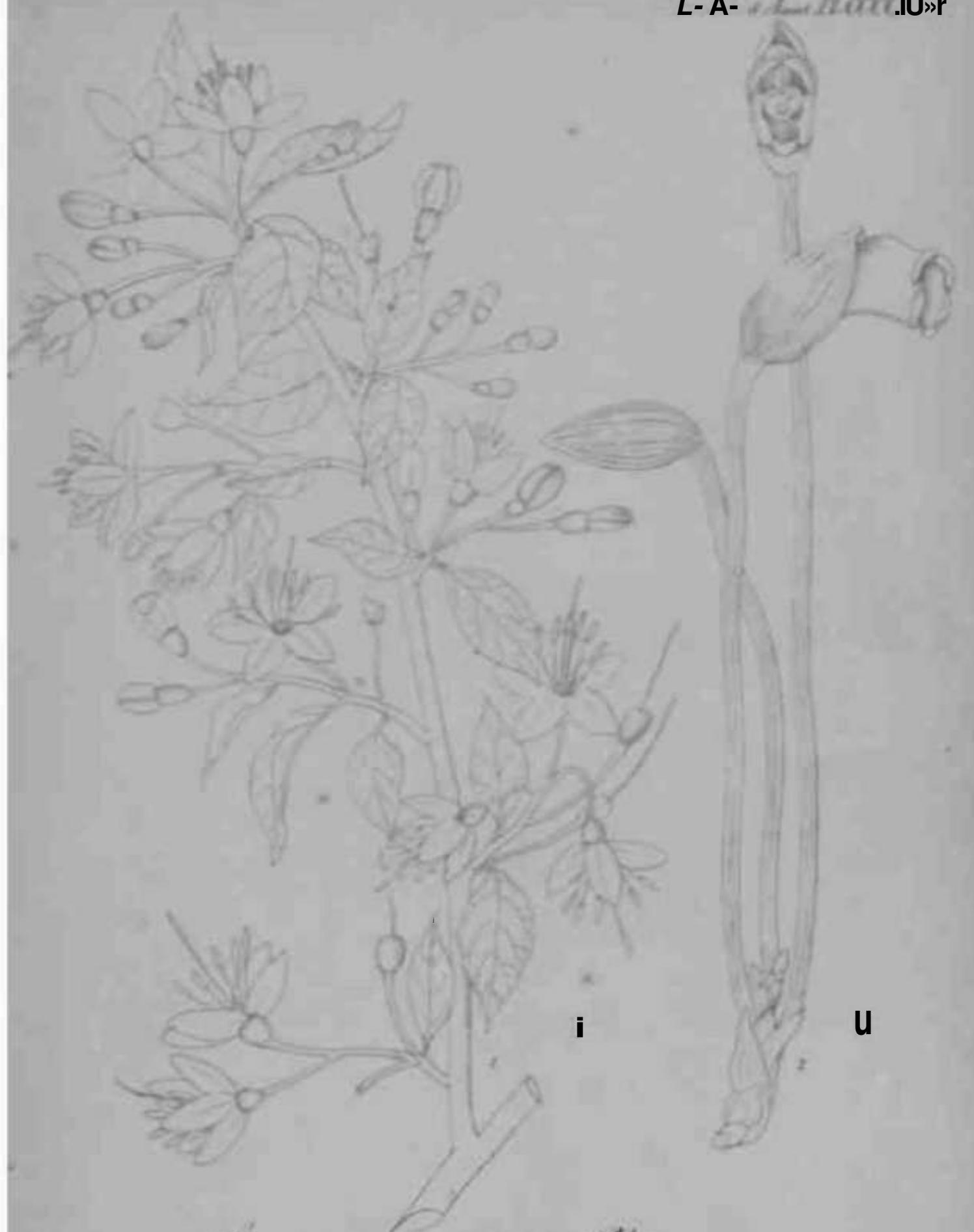


Stemodia sp.



Buddleia

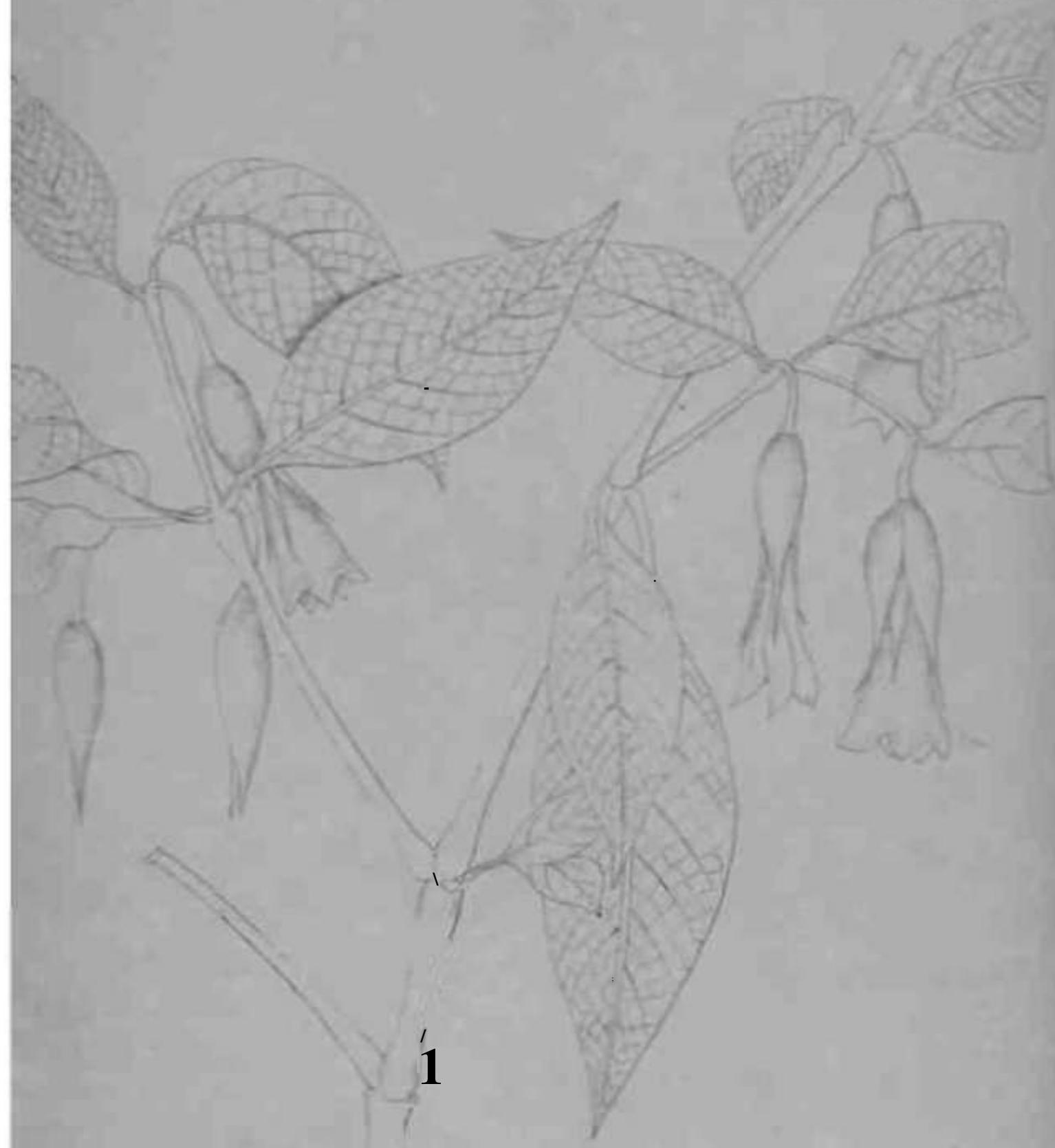
L-A- ad. n. o. r. IU>r



1. Myrtus canadensis L. ff/// Vincetoxicum

Adhatoda

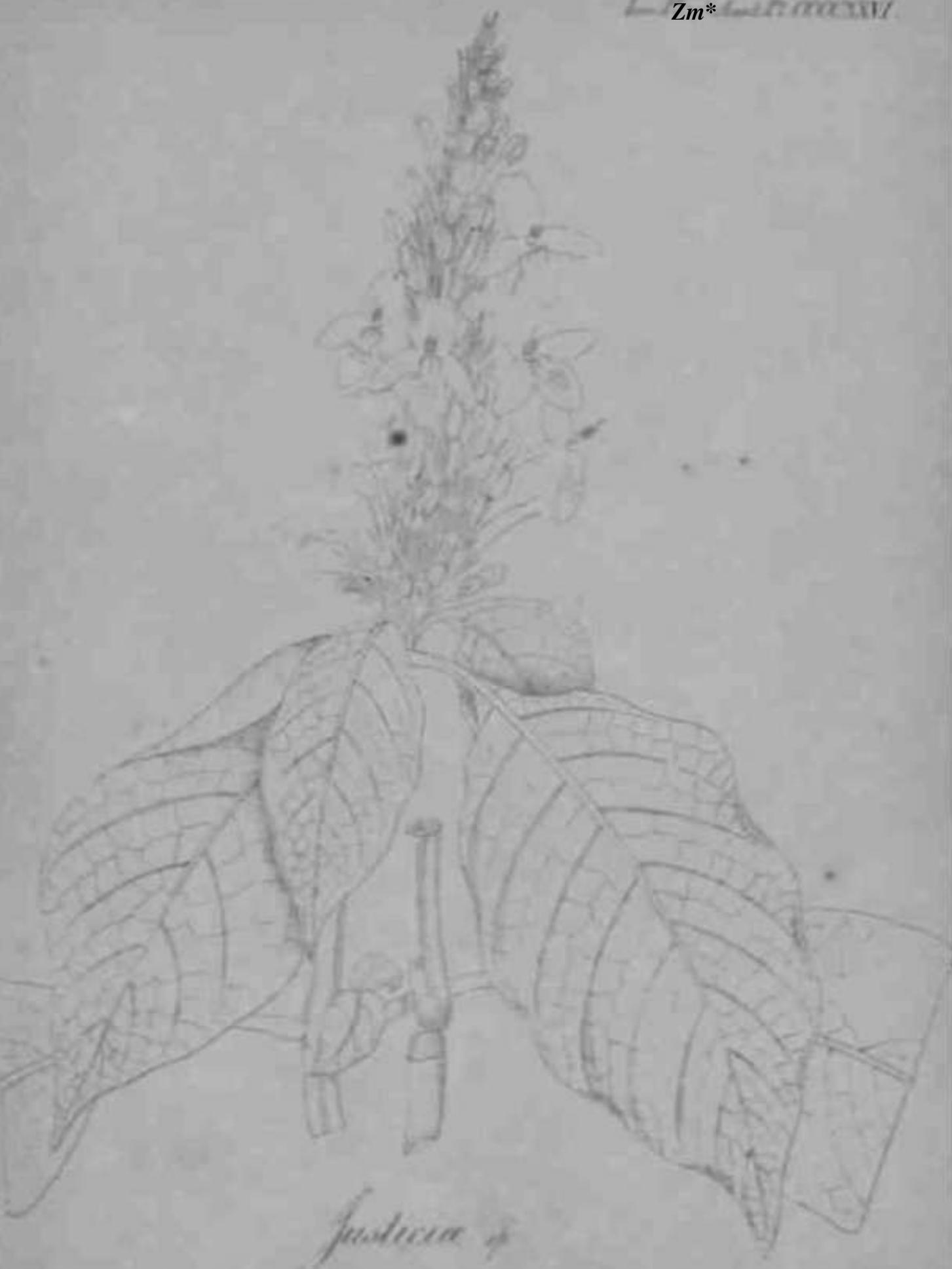
Bot. Plant. Amer. PLATE IV



1

ft/////baccia

*Zm**



Justicia

Low Plant from MONGOLIA



Acanthus undulatus

Engraved by J. C. WARD



Acanthaceæ



Cyrtandraceæ

Annals Entomological Society of America



f // "trttftt/fftfw



Yplandracea



Curtandracea

Low Plant And P. 1000 MM.



Cyathidaceae

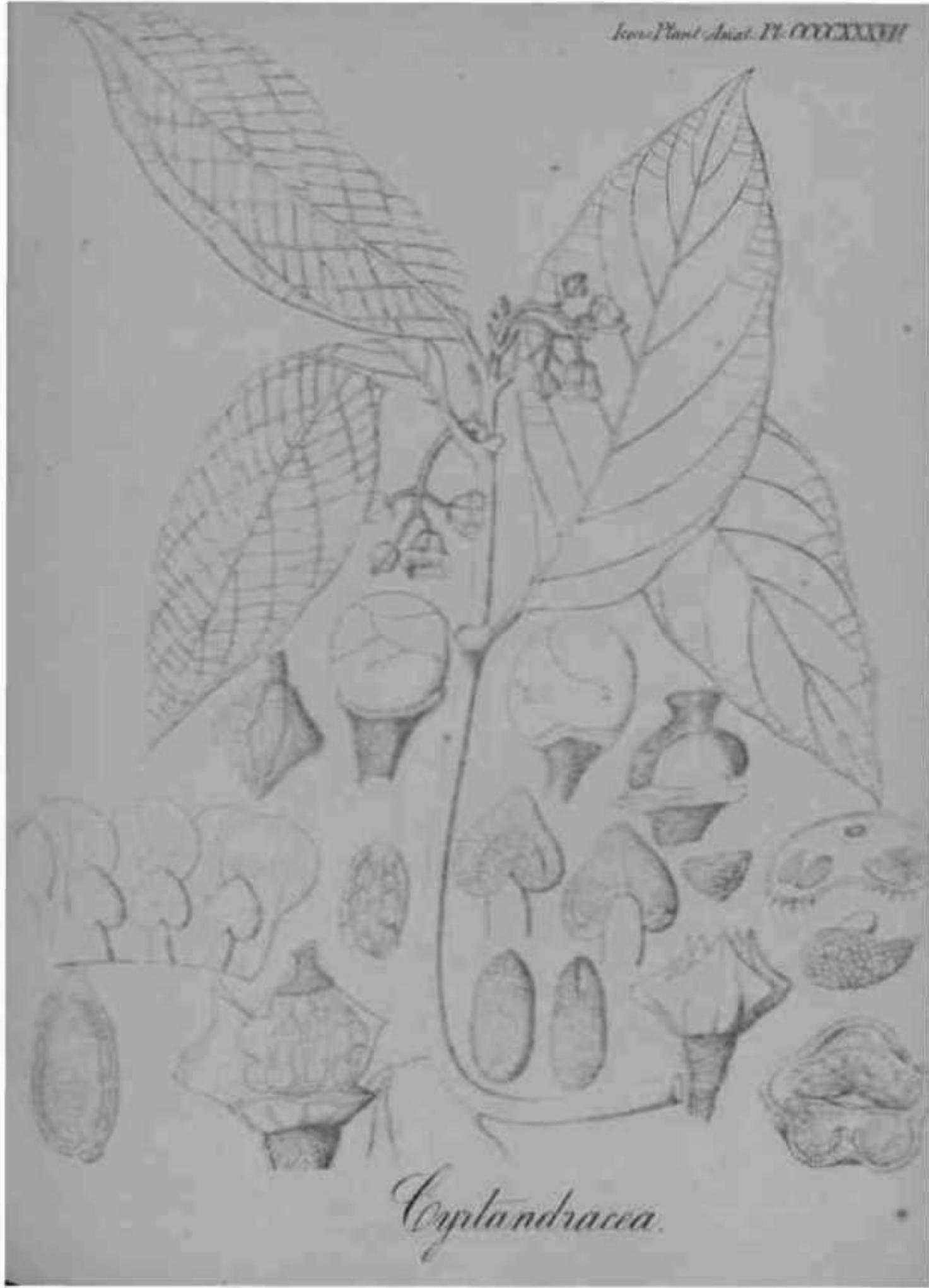




Cyrtandracea.



Cylandriaca



Cyrtandracea.



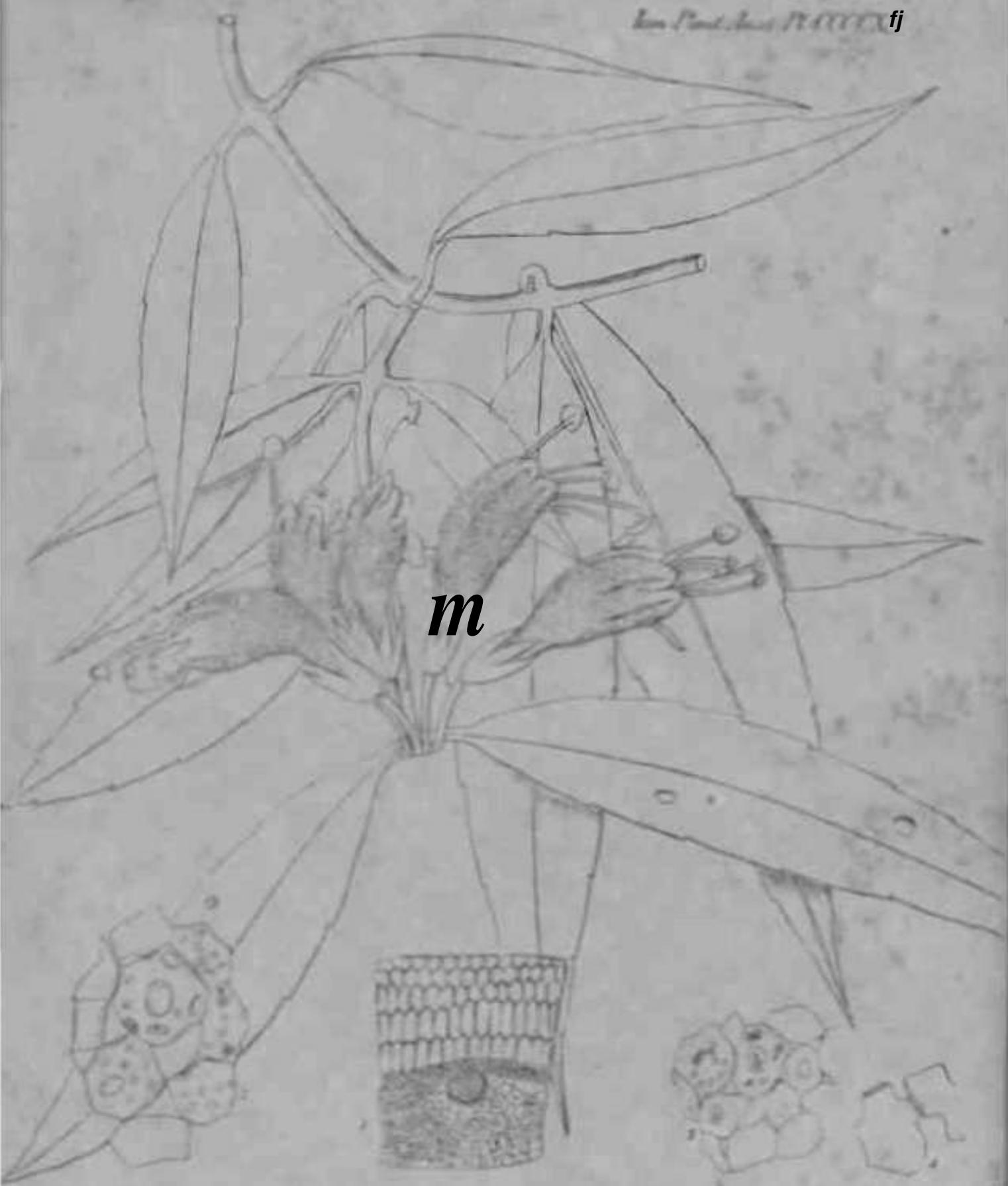
Chiliandra obvata sp. n.

/* * */ *h*

*S*IXTY-FIVE HUNDRED THOUSAND DOLLARS.

John Paul Jones P.M. 1800 **fj**

m



Achimanthus.



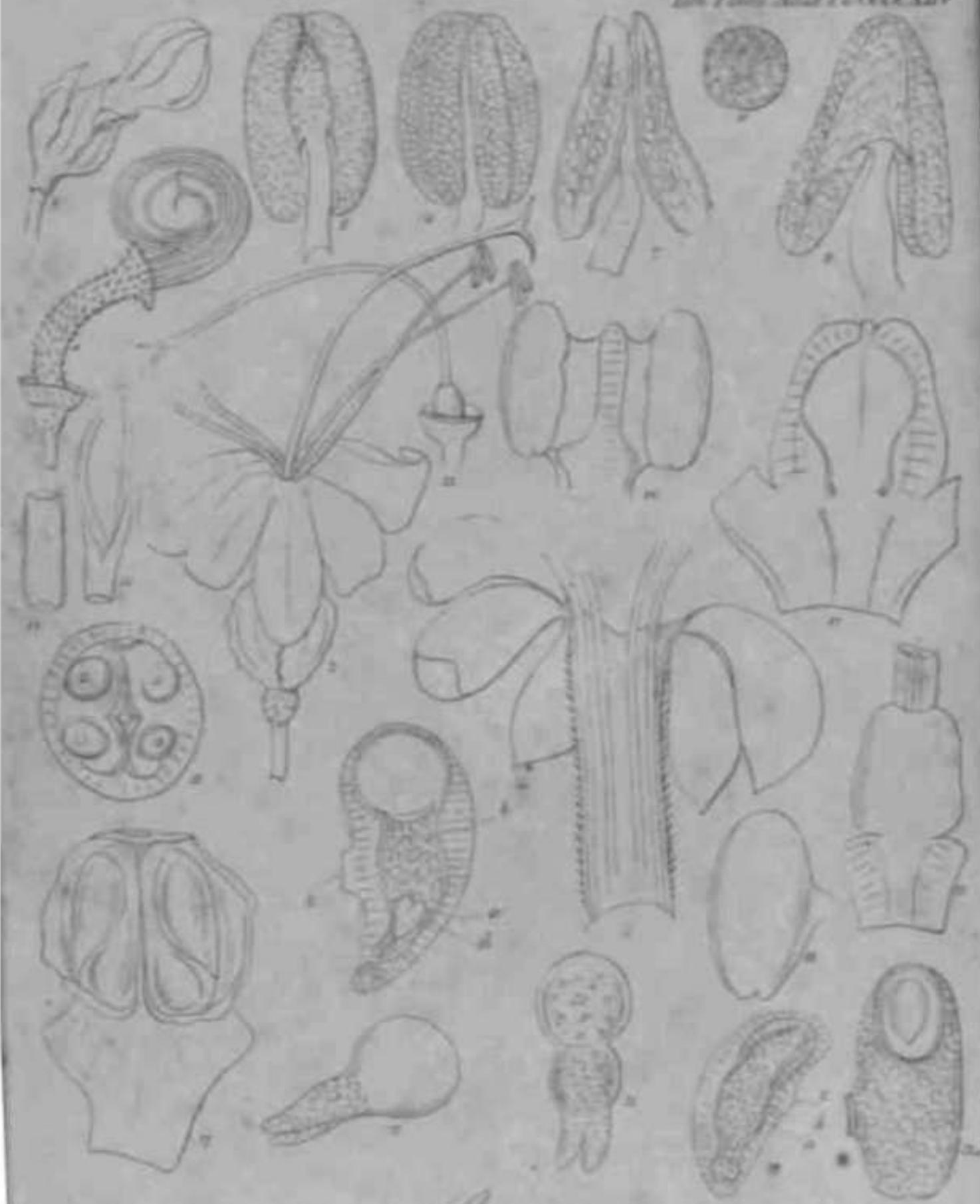
Millingonoma amphioxia



Gmelina arborea



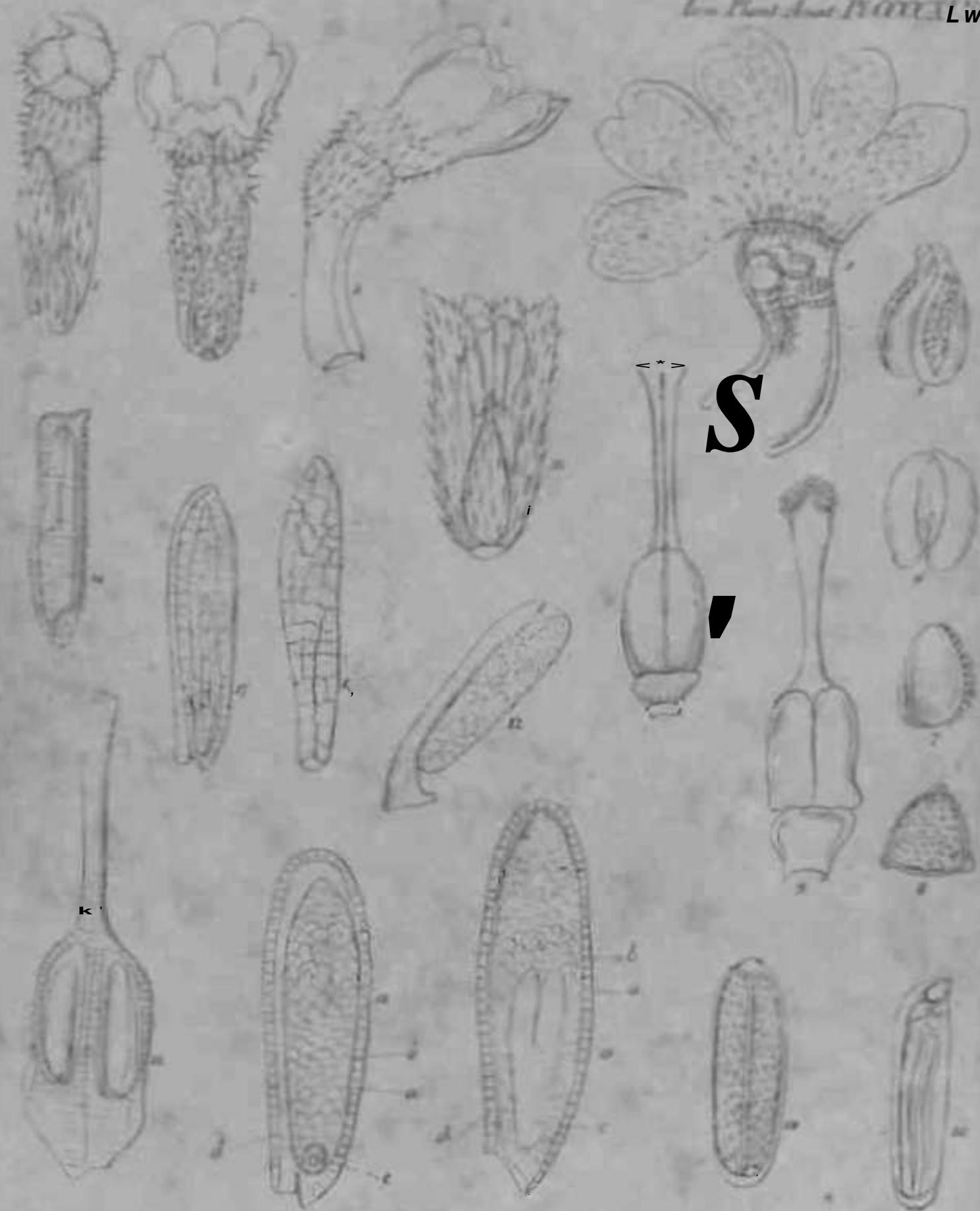
Volkameria f / ft



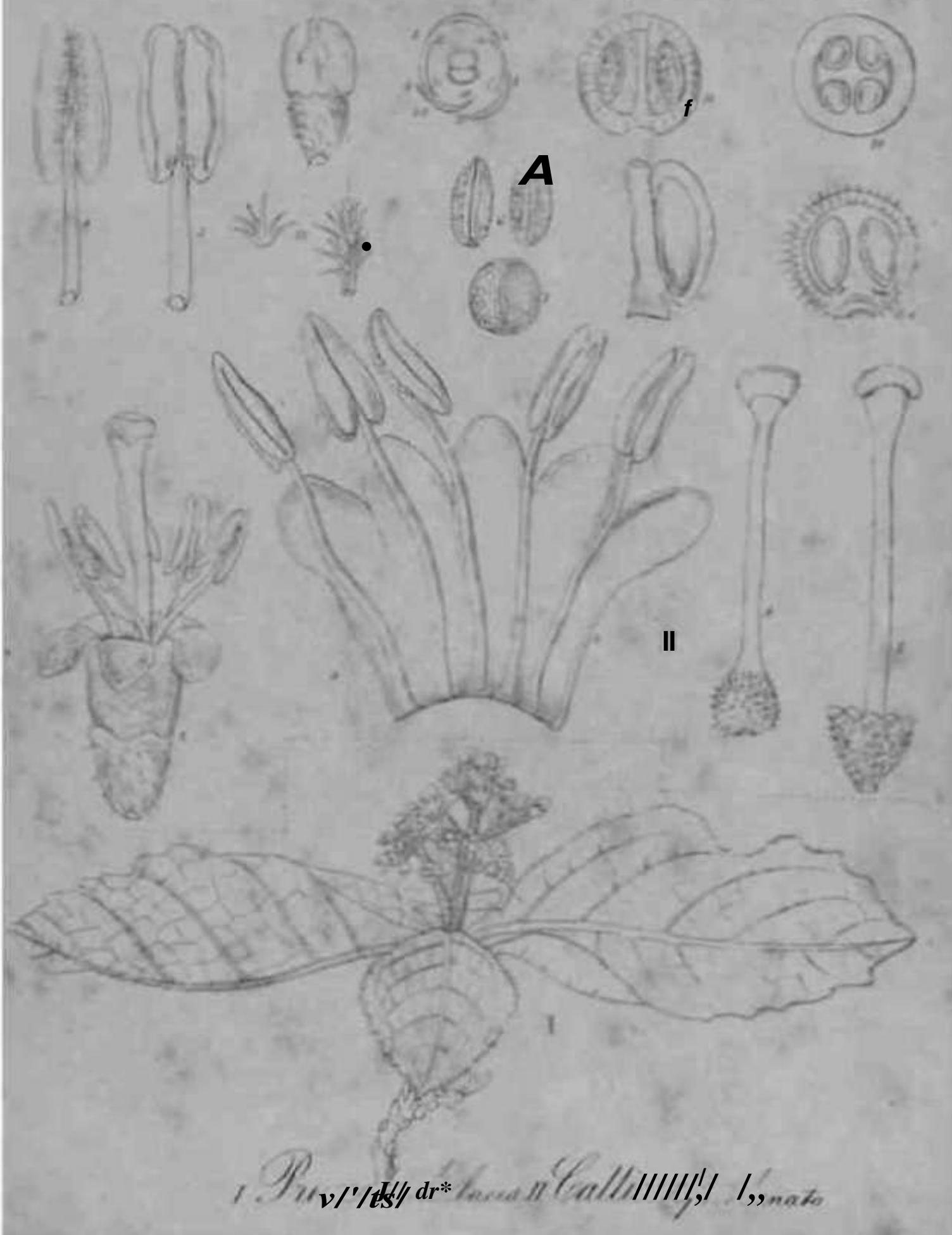
Gleiodendron.

S

'



Vitaceae



Am. Plast. Ann. 1900

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1

IV

VII

VI

J/t / minacea



Lamia sp. II Plectranthus sp. in Ovum sp.

Bot. Pl. 17. 1862.



Salvia pluriantha



Bougainvillea



Boragineæ.

See Plate I. and Pl. CCC LIII.



Boraginaceæ

Jan. 1863. from Dr. M'Cormick



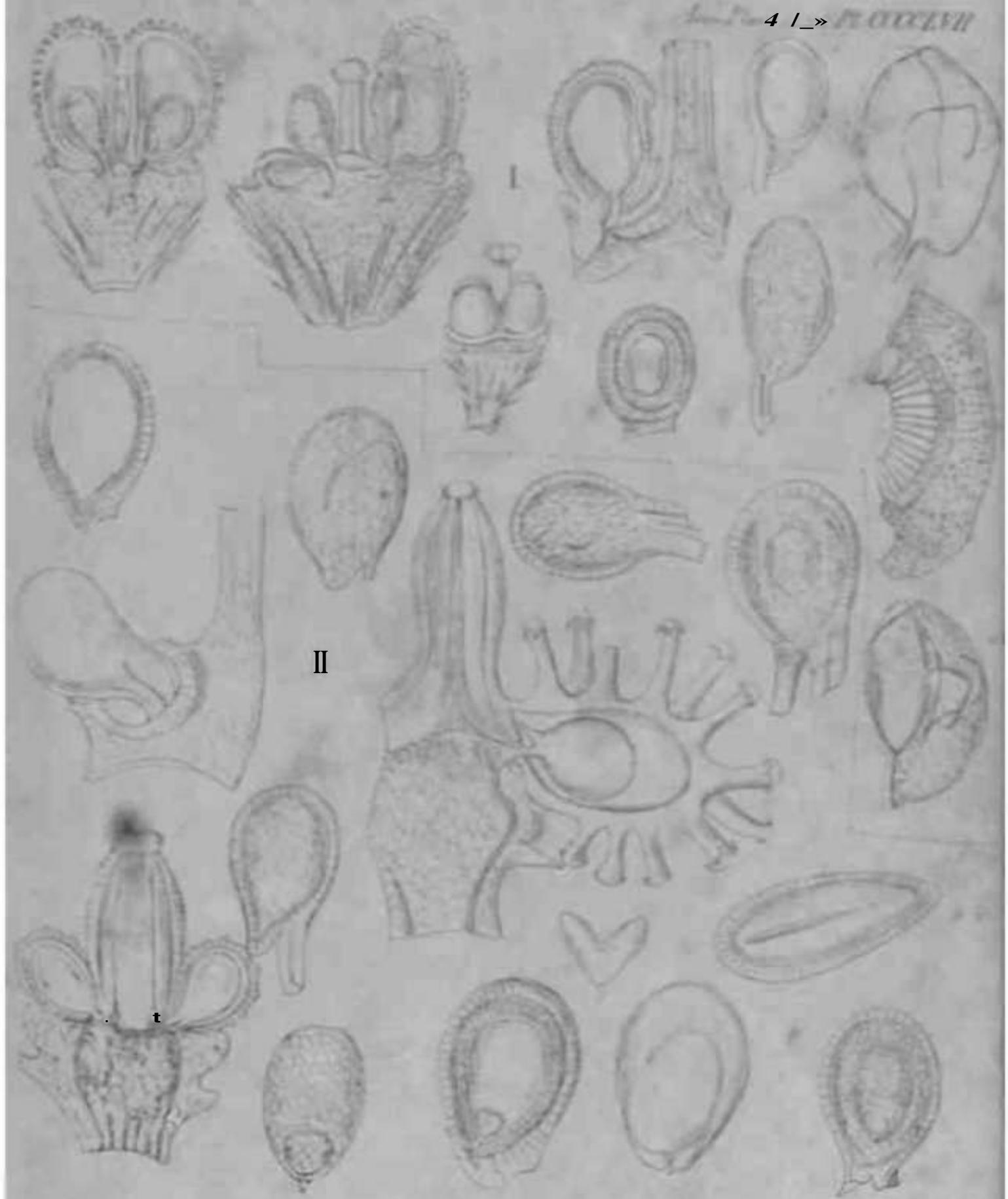
Line-Plant-and-Flower



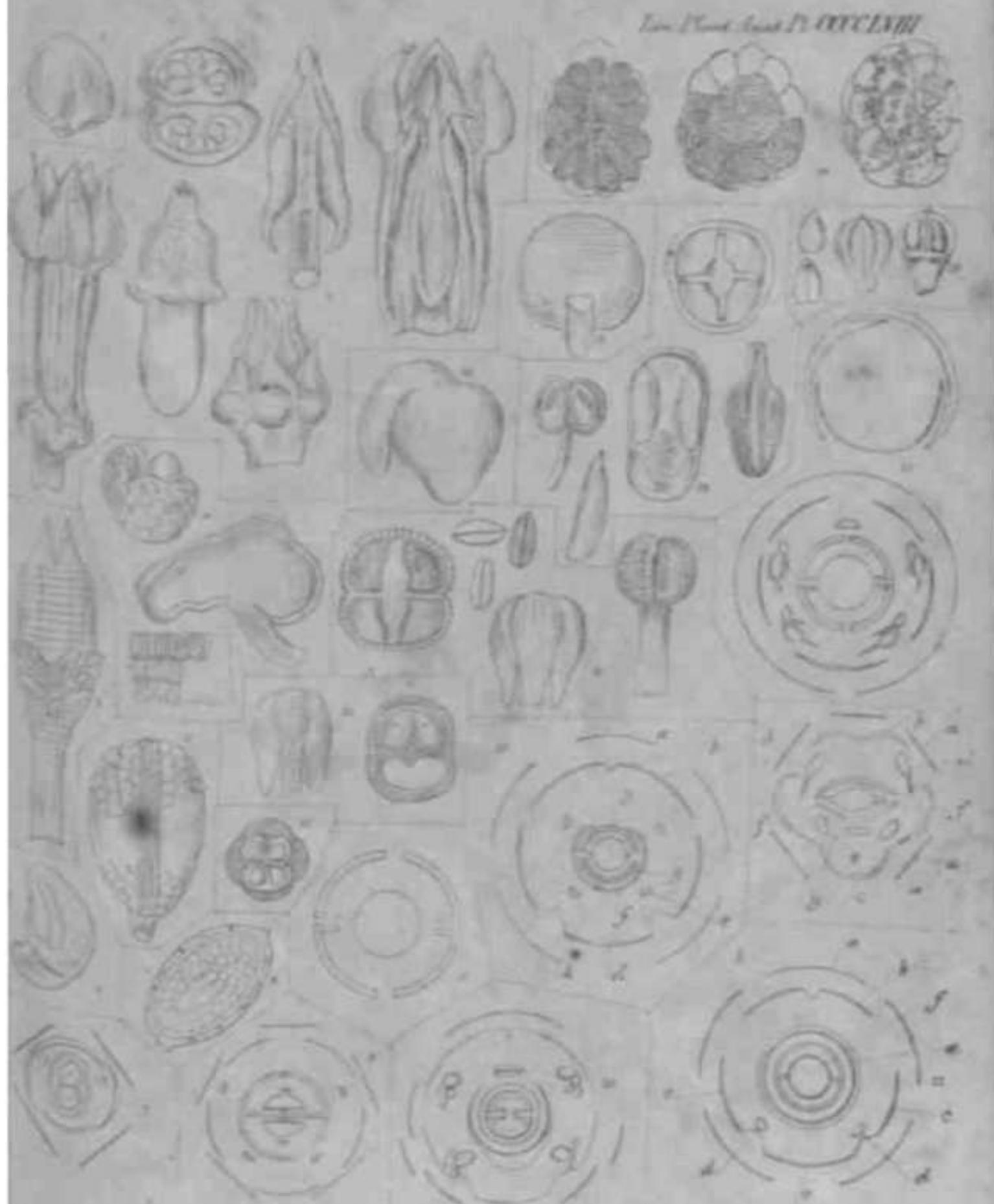
Boraginaceæ

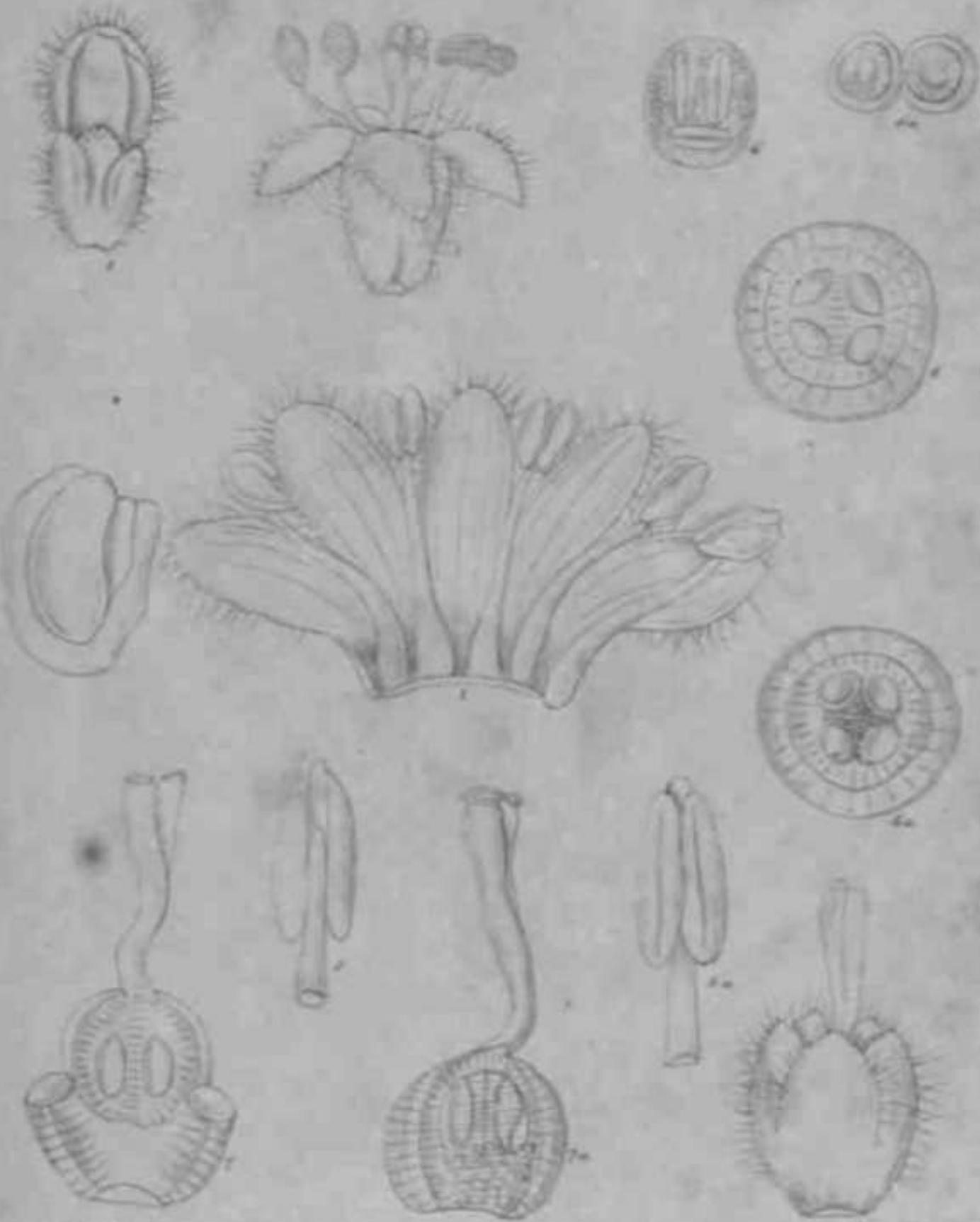


Boraginaceae

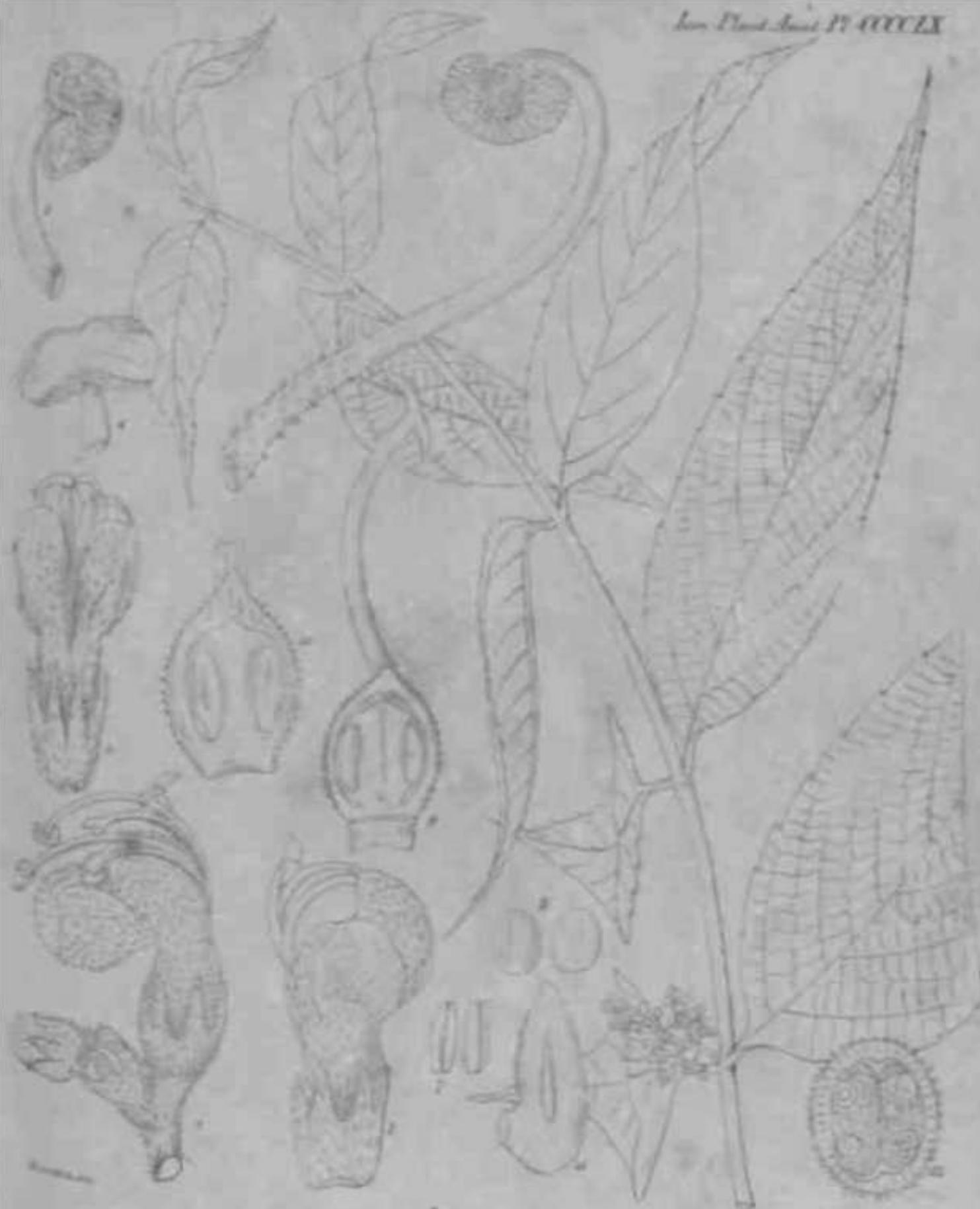


Boraginaceae





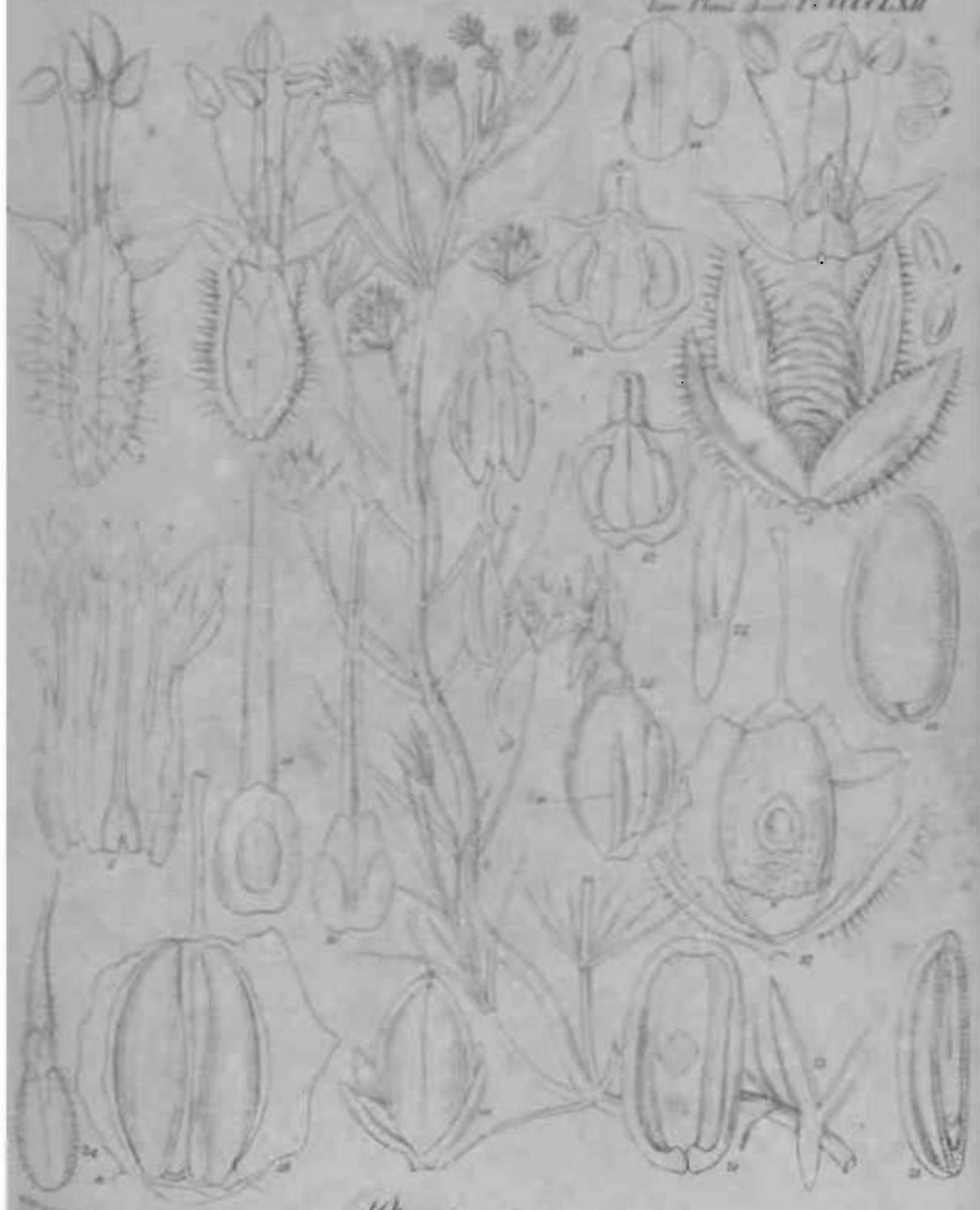
Echium sonchifolium



Polenaceæ.



Statice s. n. Gentianella undulata. Plumbago capensis.



Plantago

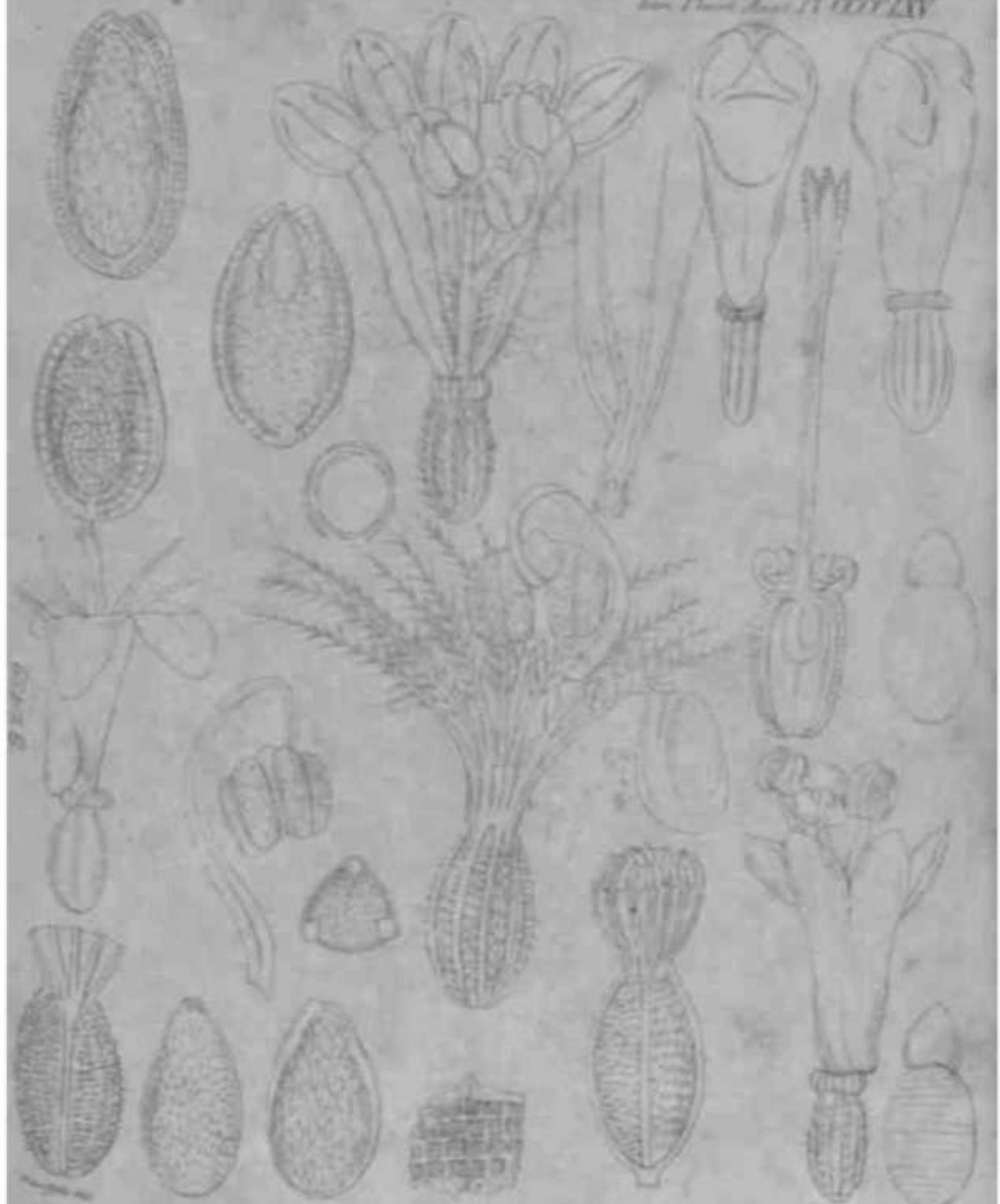
Y



Plantago



Palmaria



Valeniana volphii sp.



Compositae

See Plate from P. COOTZ.



I//*///>7M///



Gnapheolum sp.

Lam. Plantae, secundum C. C. Gmelina

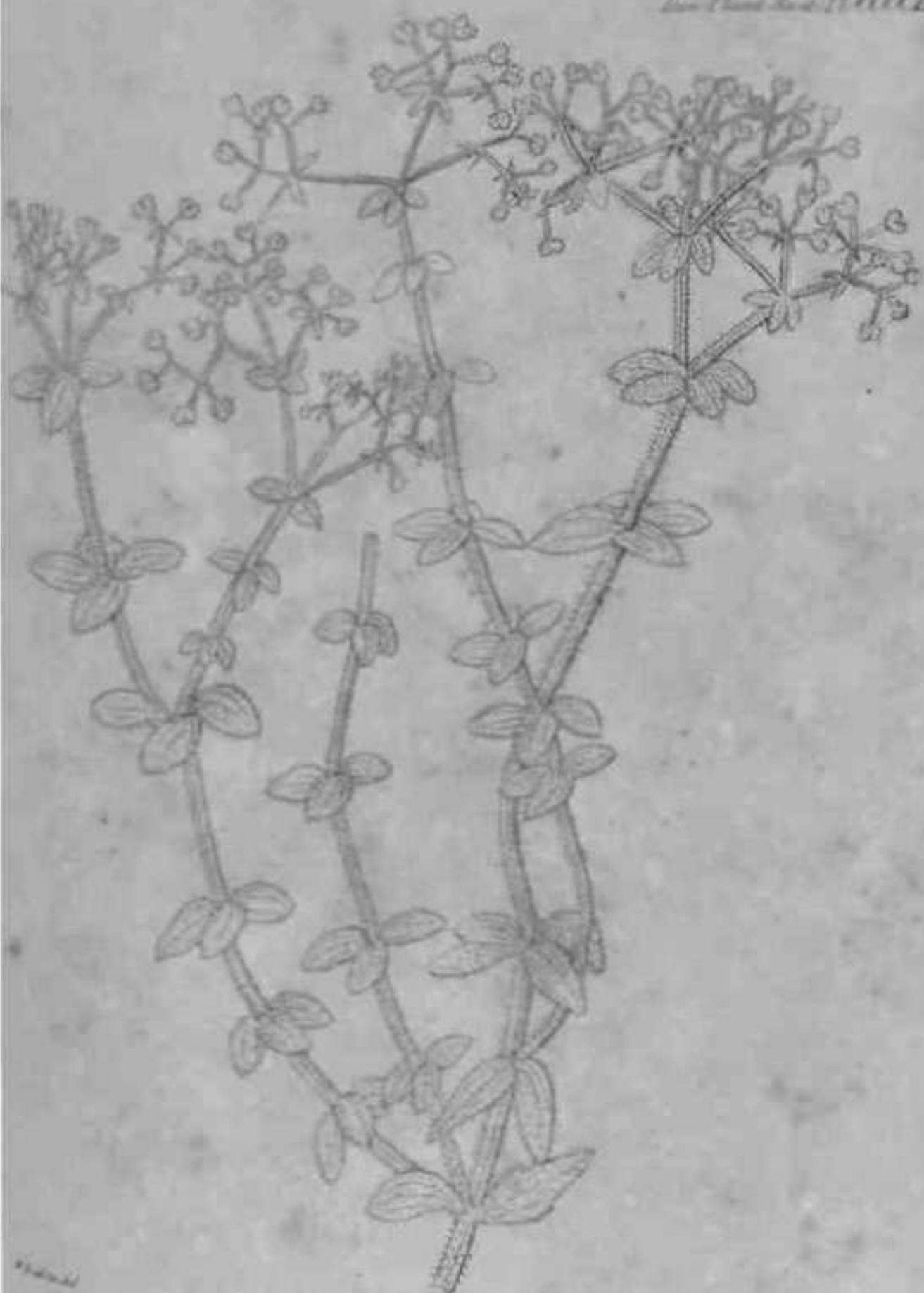


'/i
manthes sp.



Composita.





Galium



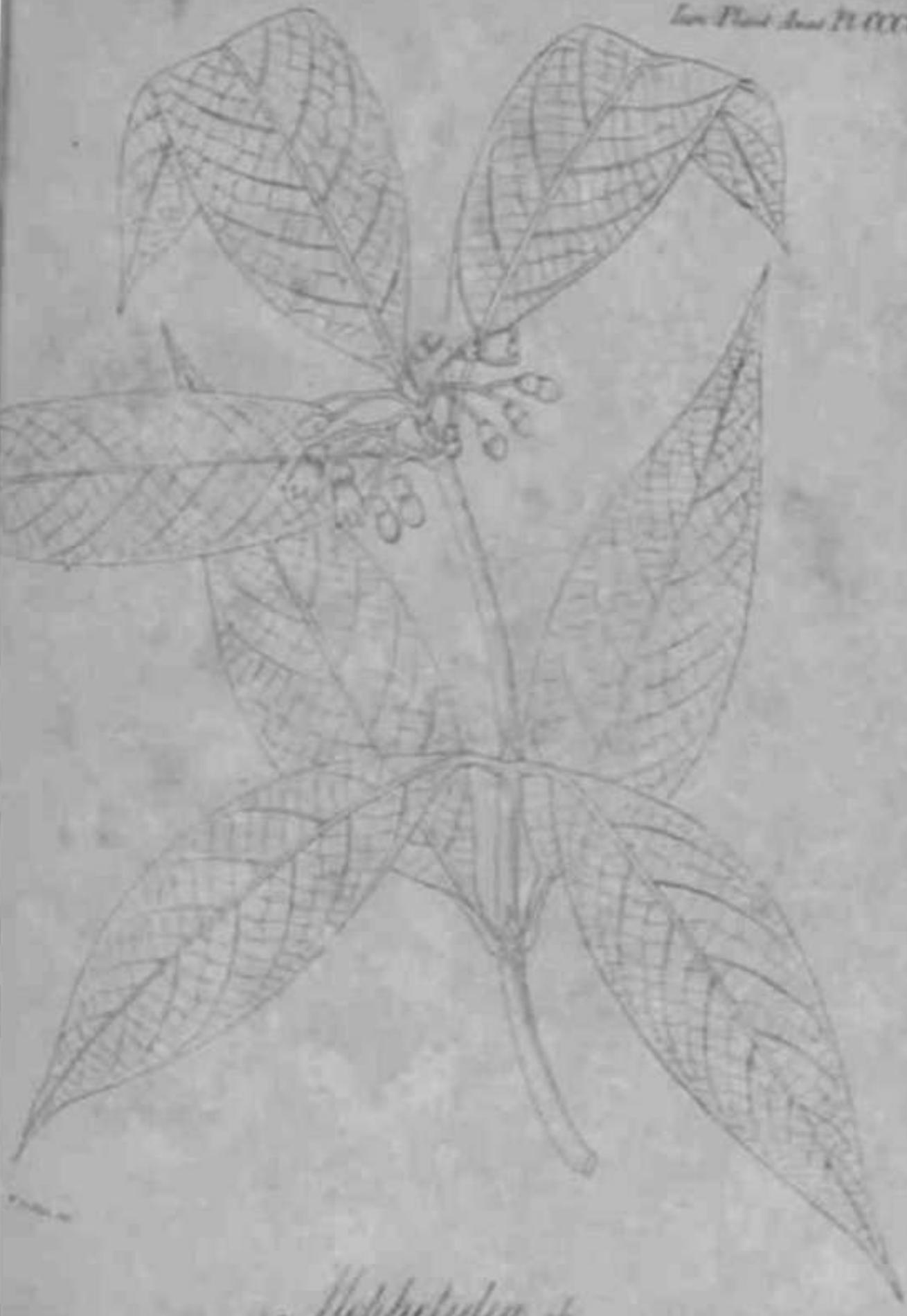
Galiacea



Rubiaceæ

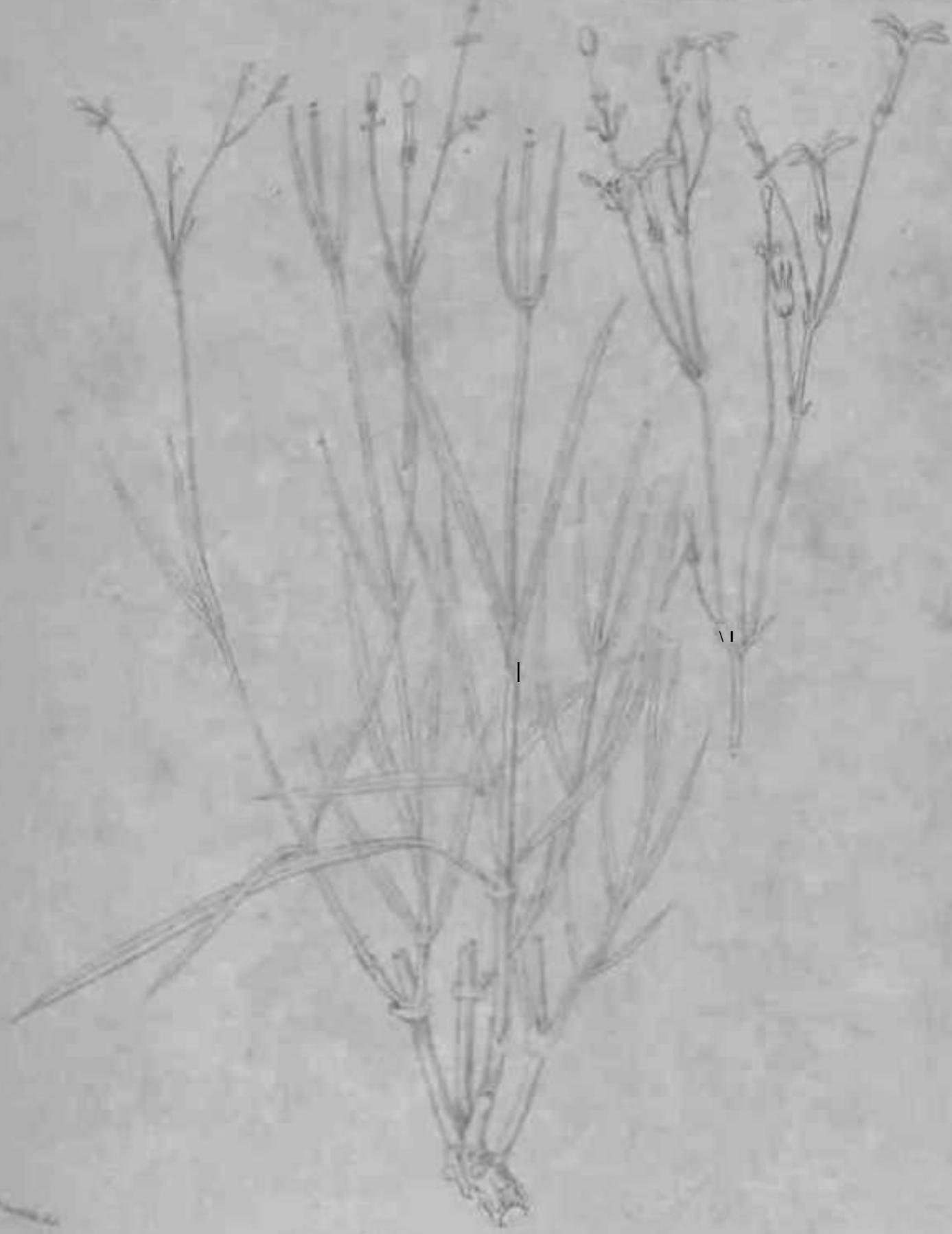


1?1111 1111, l' sp
j



Nephthytides sp.

L. Plantae 12.000. III//



Kohautia



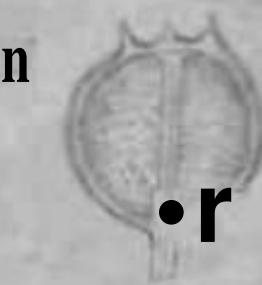
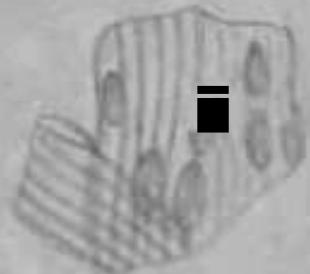
Epithimum malacophyllum



J

B

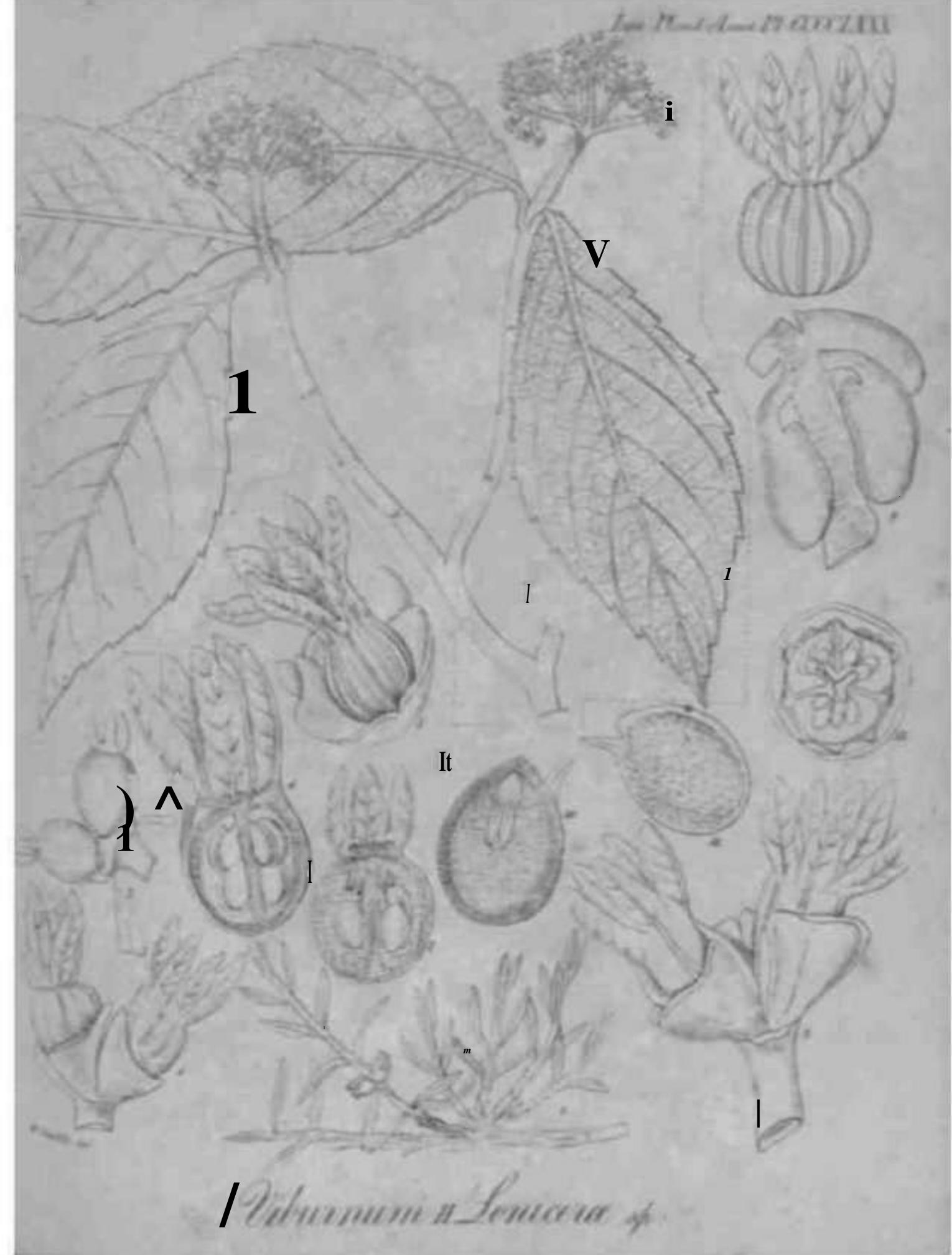
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• r



/// . f///A//r//r /// Pade v/f//<!>< si: Padaria J





I *Cyclocodon distans* Gp



Calonephritis.

✓9

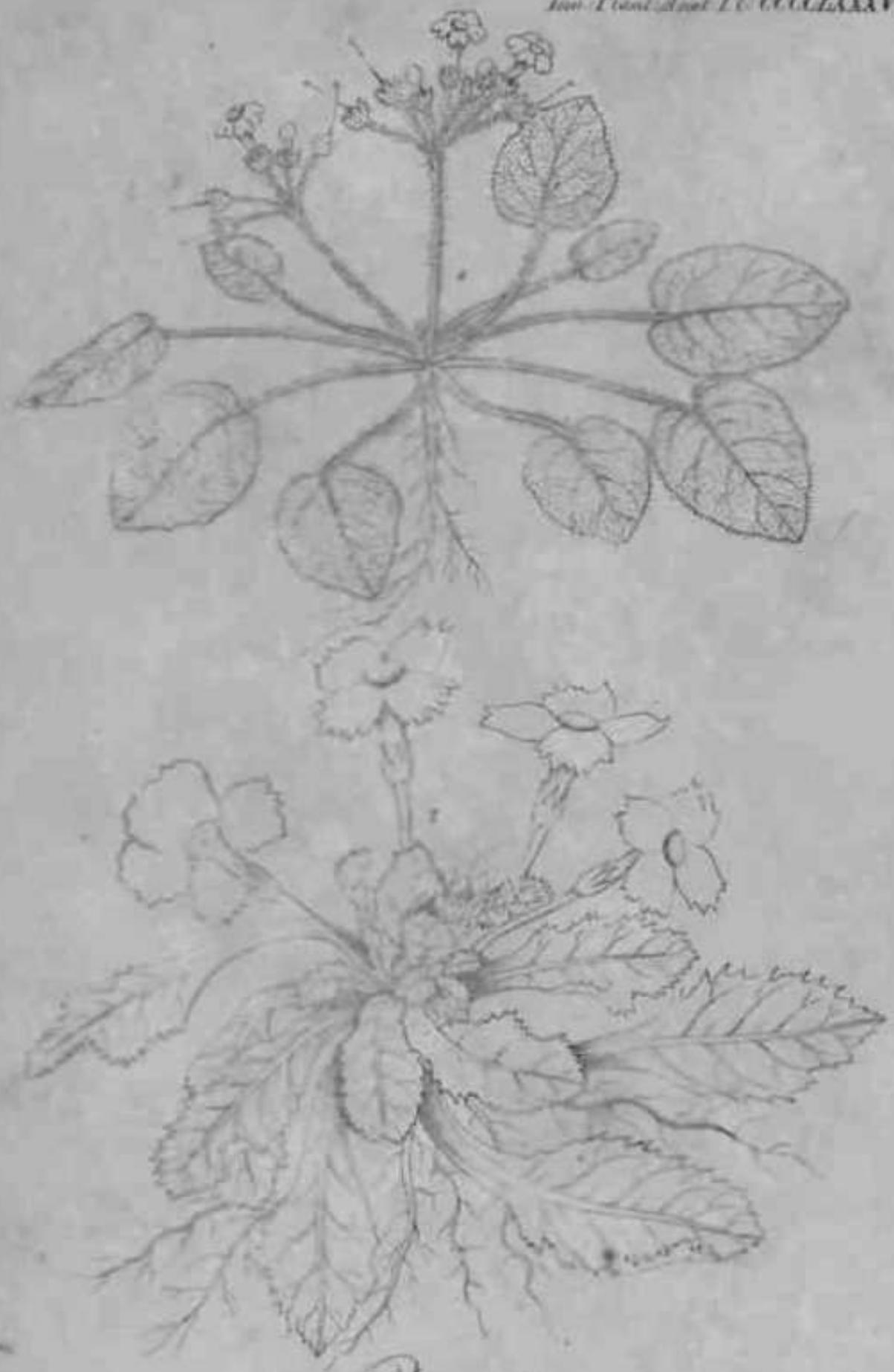


Campanula

Lysimachia nom. n.



Lysimachia sp.



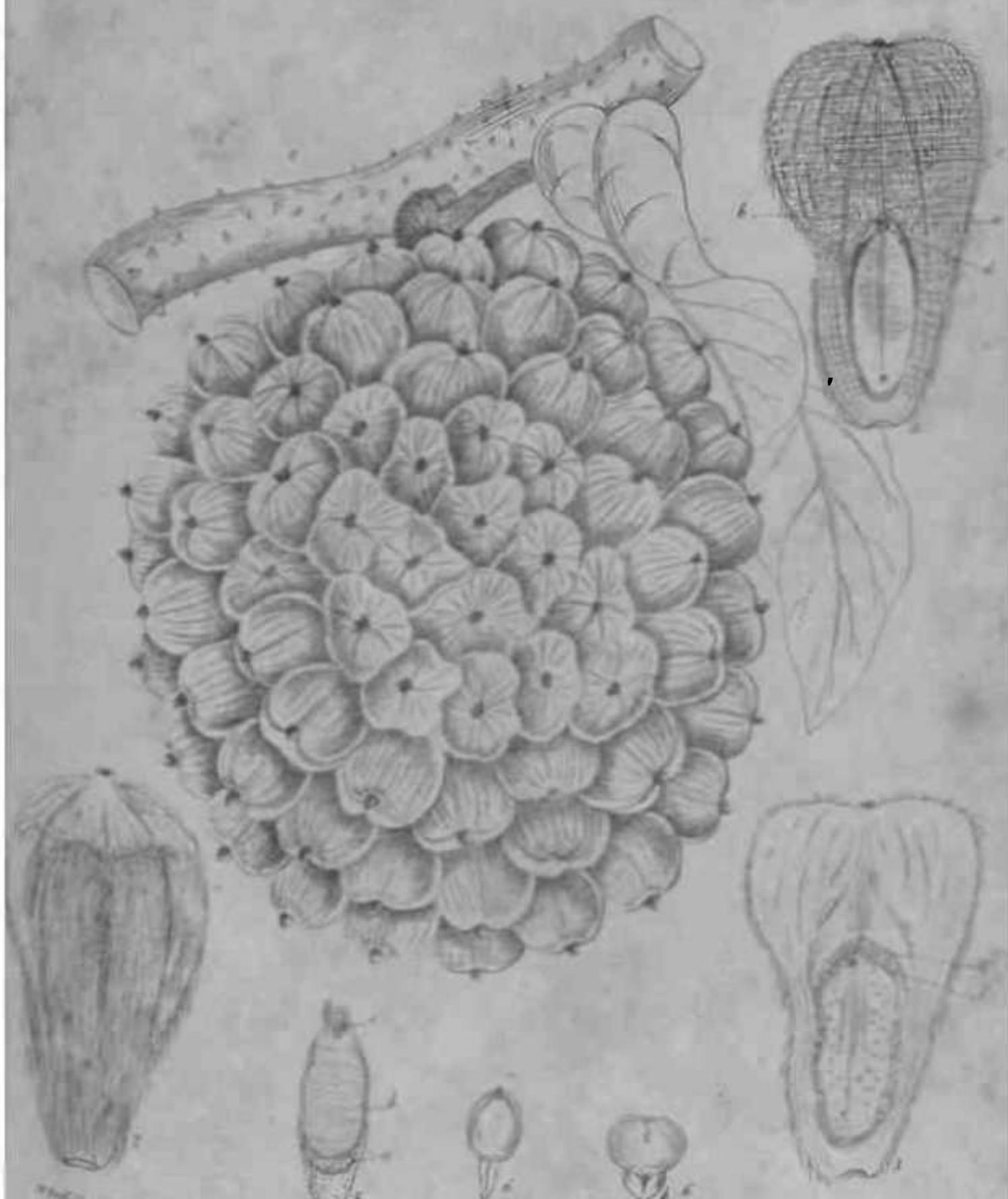
Primulæ



Cunoniae et Cipampiles in Monispermea



Phytocrene



Phytoerene.



Phytoecia



I. *Phytoene sp. sp.* II. *Phytoene gigantea*



Menispermaceae

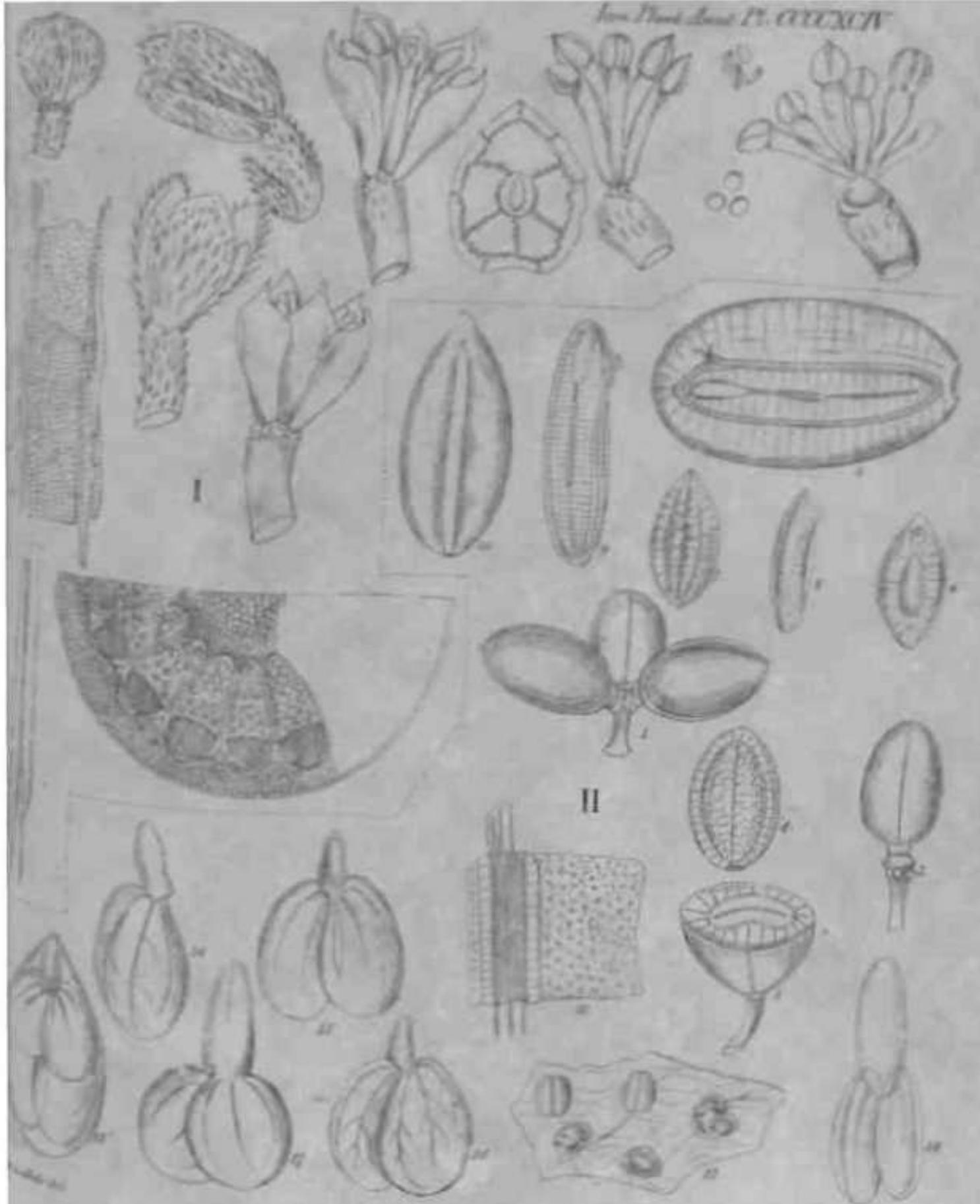
from *Pantropical Flora* **it**



Clypearia ♀



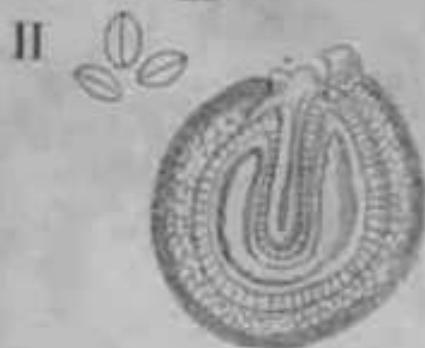
Sibial /fit/



Monospermae.



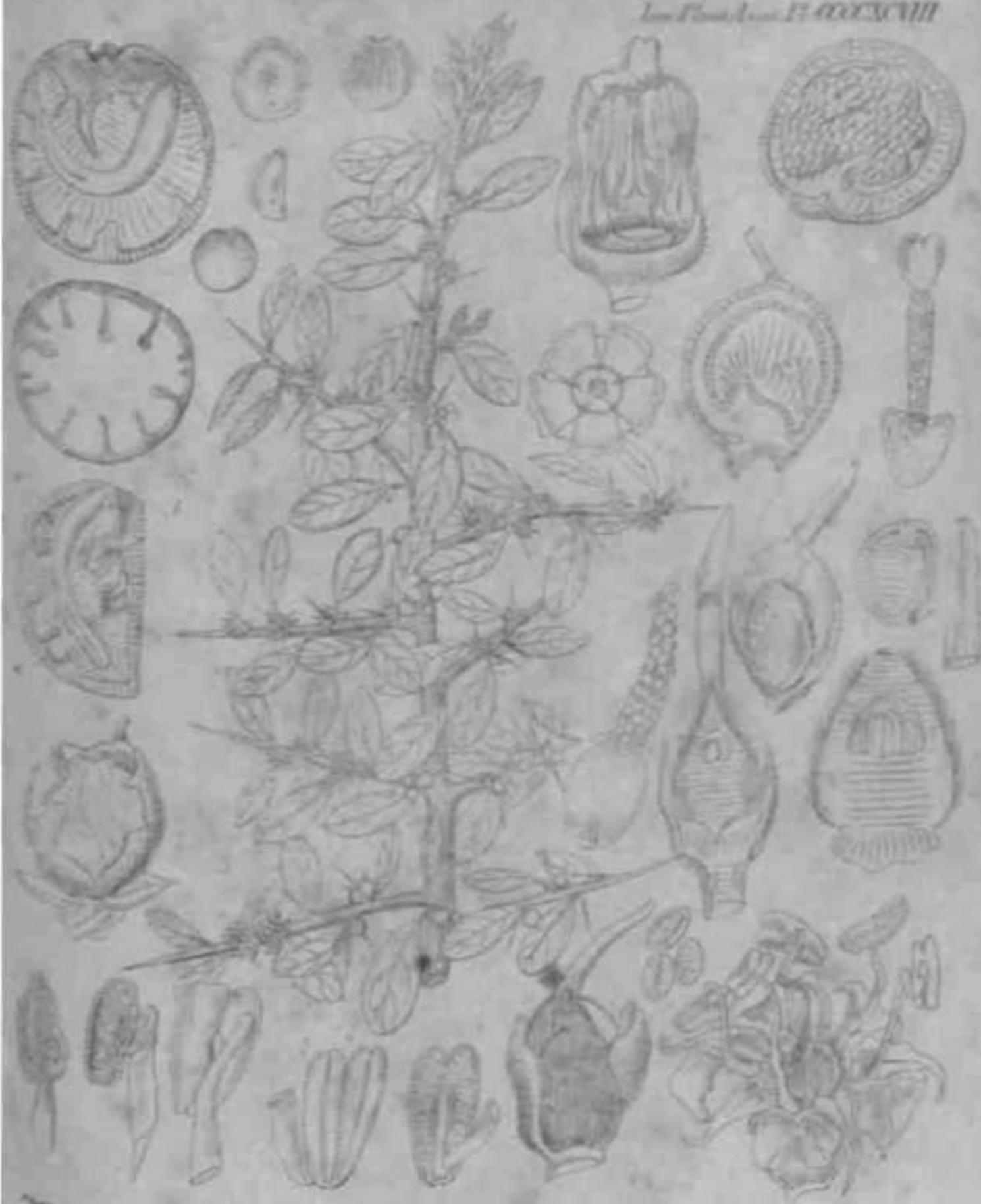
Stauntonia



I Mijw/v m fffk Lamprolo.



I. *Mesoperium bandinii* II. *Olyrea* III. *Cyathos*



Edgeworthia

A

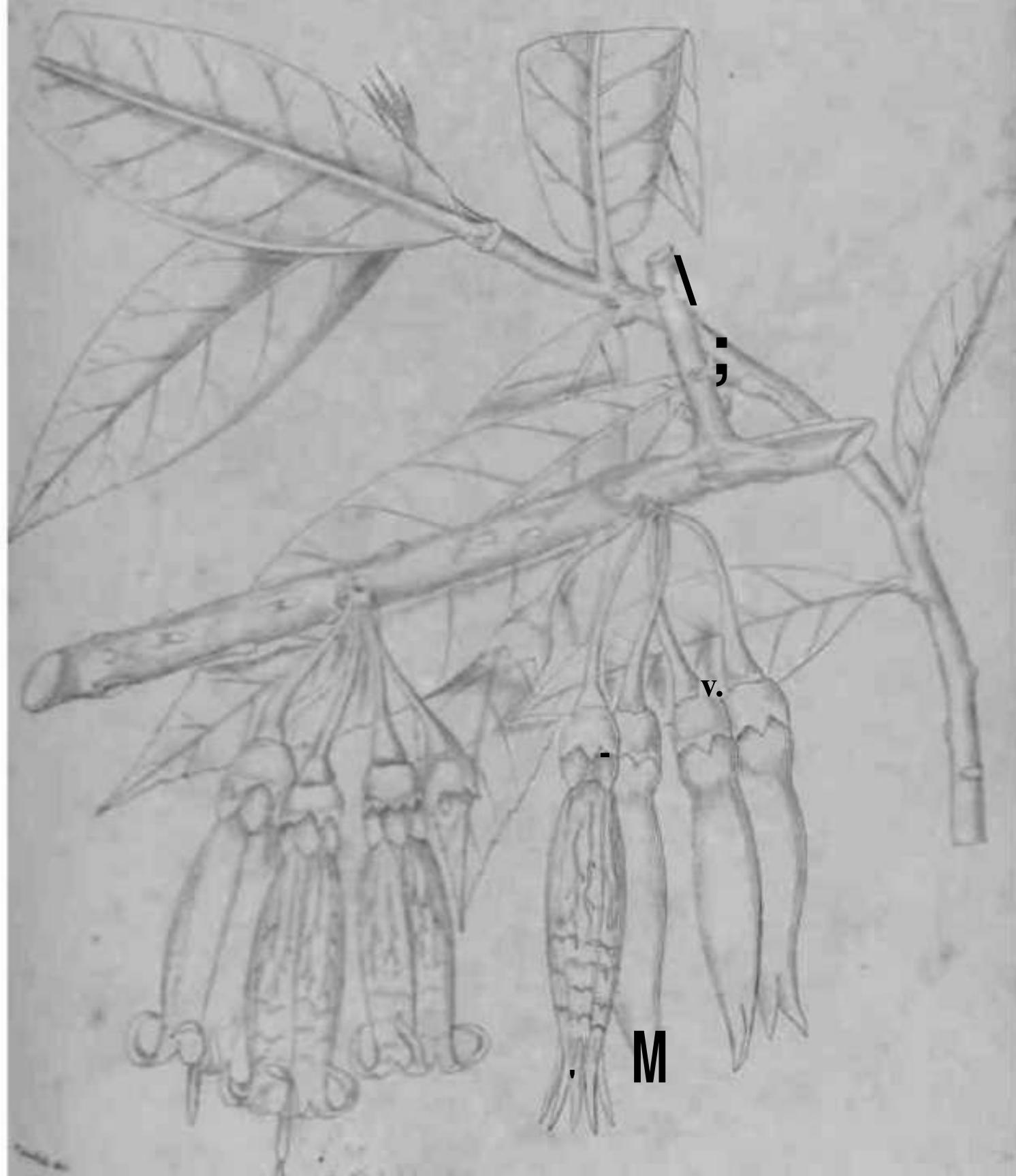
Choripetalum



I. *Choristelatum* II. *Baobolrys indica* Pierb.



Sapotaceae sp.



Ceratostemma rugosum

Jim* L*il*t tiff



Cerato-tmma angula * <> sp
>n



Craesleria minor f.



Conostoma nanum L.



Gaylussacia parviflora, f*





Thunbergia muculata sp.



Thlaspidia heterophylla



Thibaudia myrsinifolia



Thibaudia gaultheriifolia



Thibaudia weberi



Thibaudia



Thiba glabra fsp.



Thibaudia oligua Gr.



JkA

V

Thibaudia amelopha Gr.

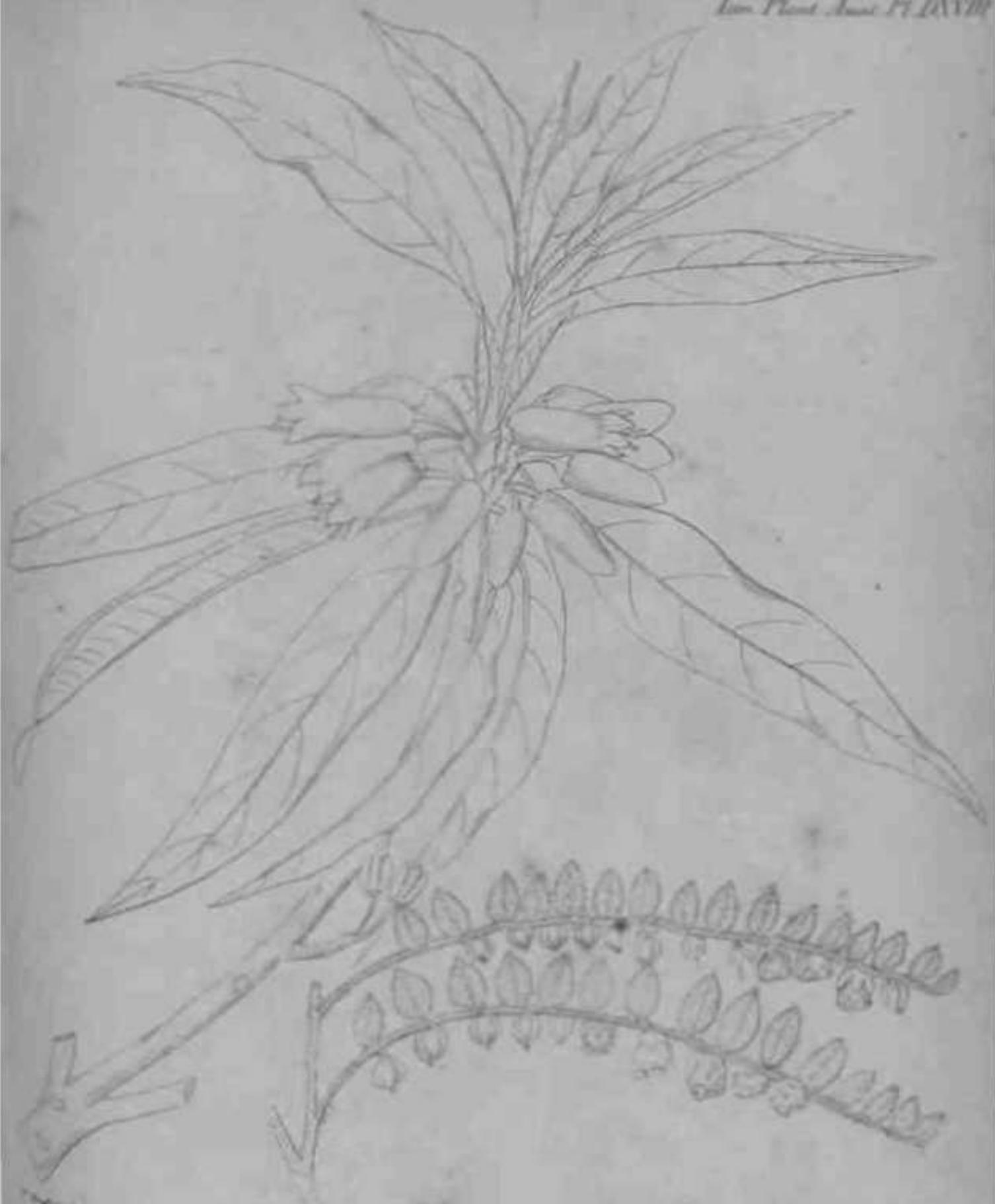
Icon. Plantarum PL. 1117



Gaultheria



Vaccinium



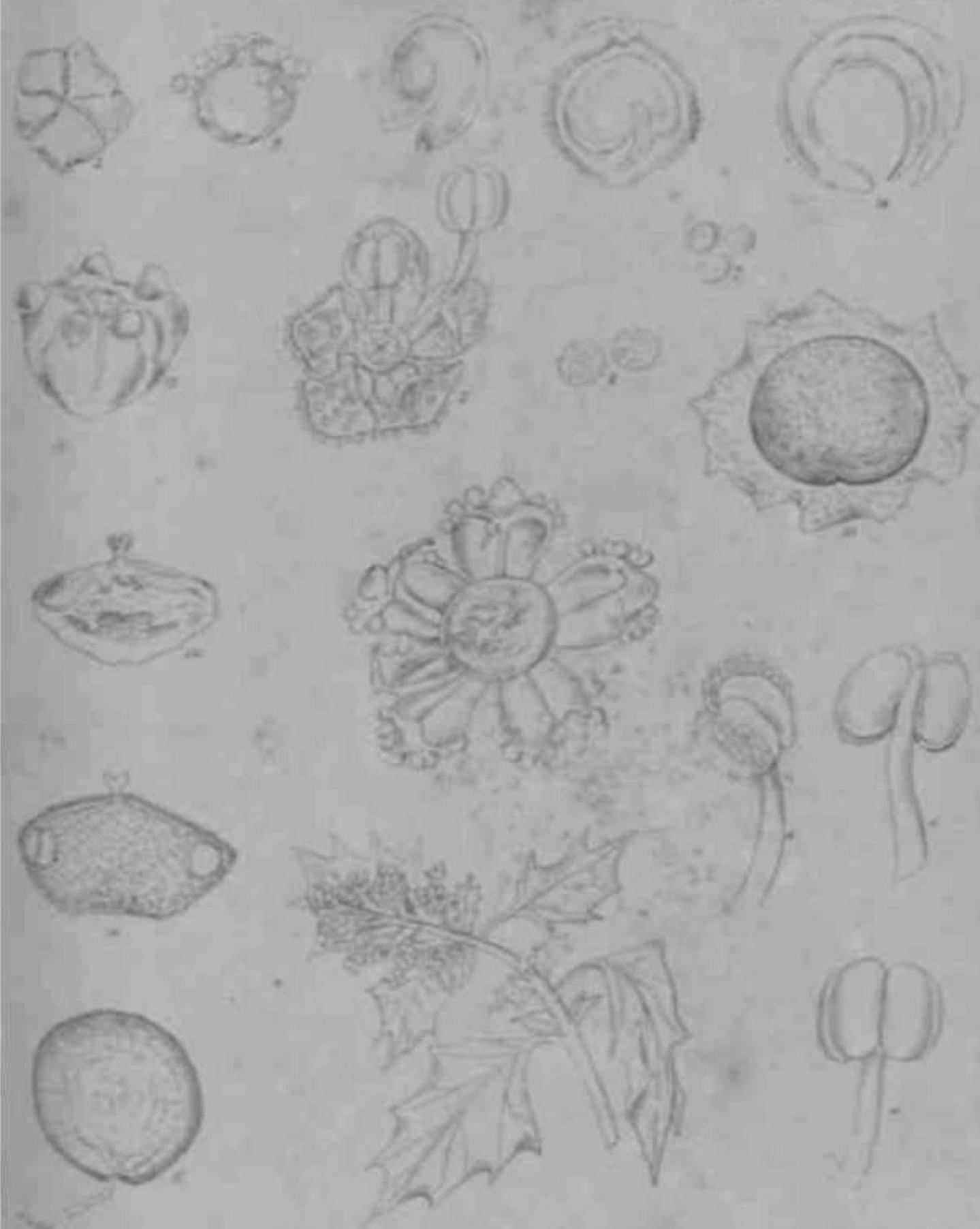
I. Rhododendron II. Gaultheria
A. Blasiusii ssp.
B. mucronata



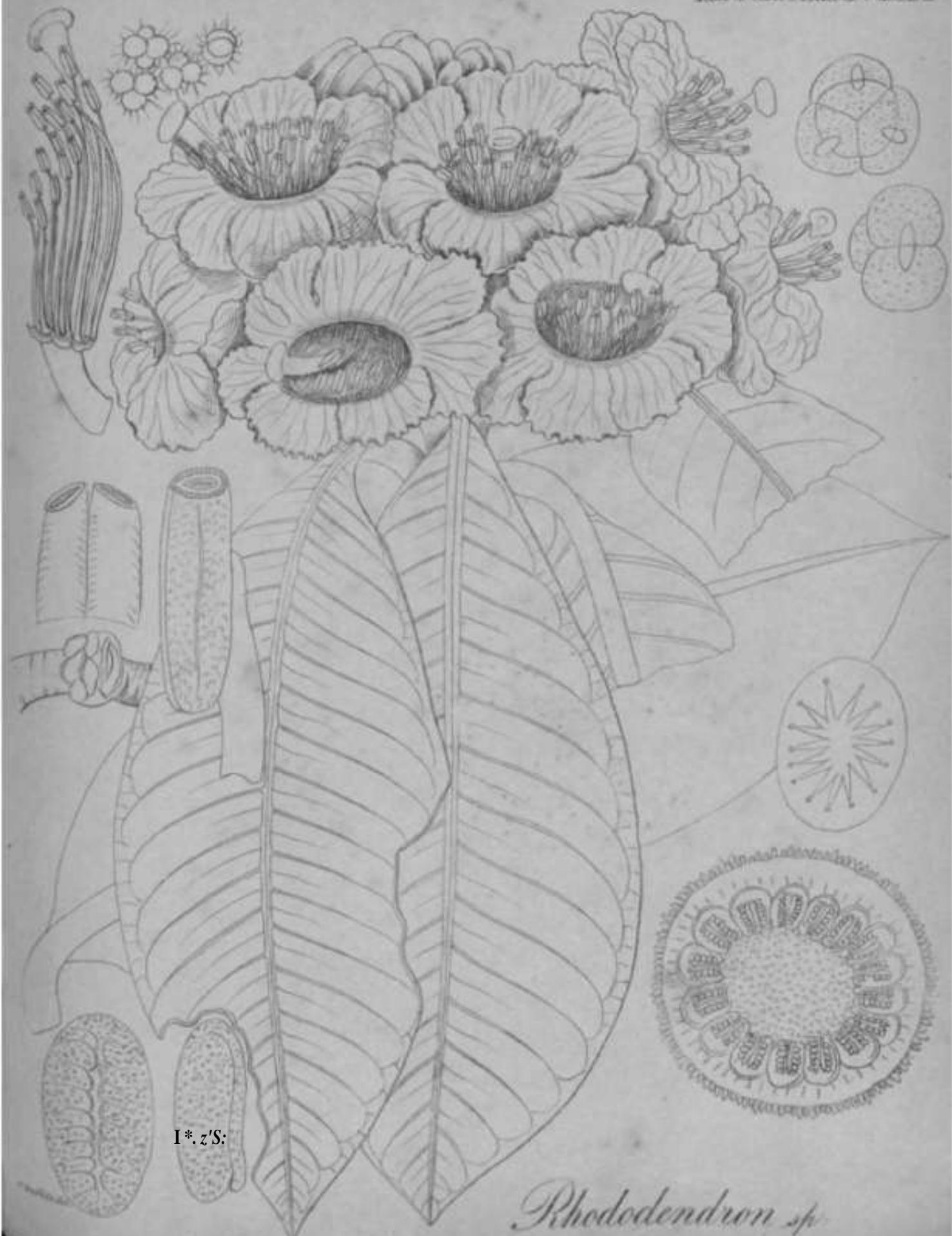
Rhododendron deflexum sp.



Rhododendron mucronatum



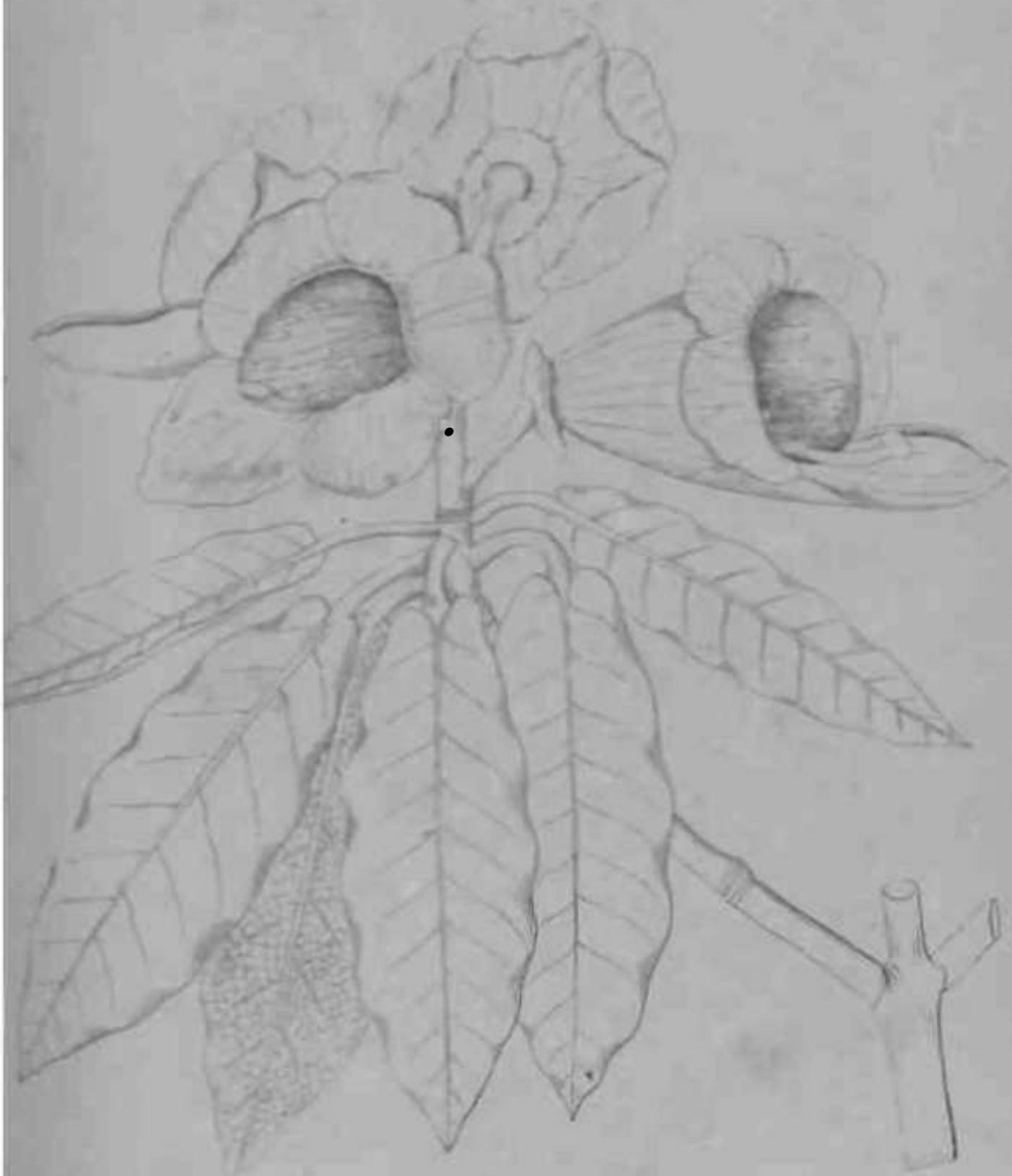
Chenopodium acerifolium



I*. z'S:

Rhododendron sp.

Lam I W v— iXir



Rhododendron longum



, *Monotropa* sp. n. *Hydrostachys* sp.
A J : A ,

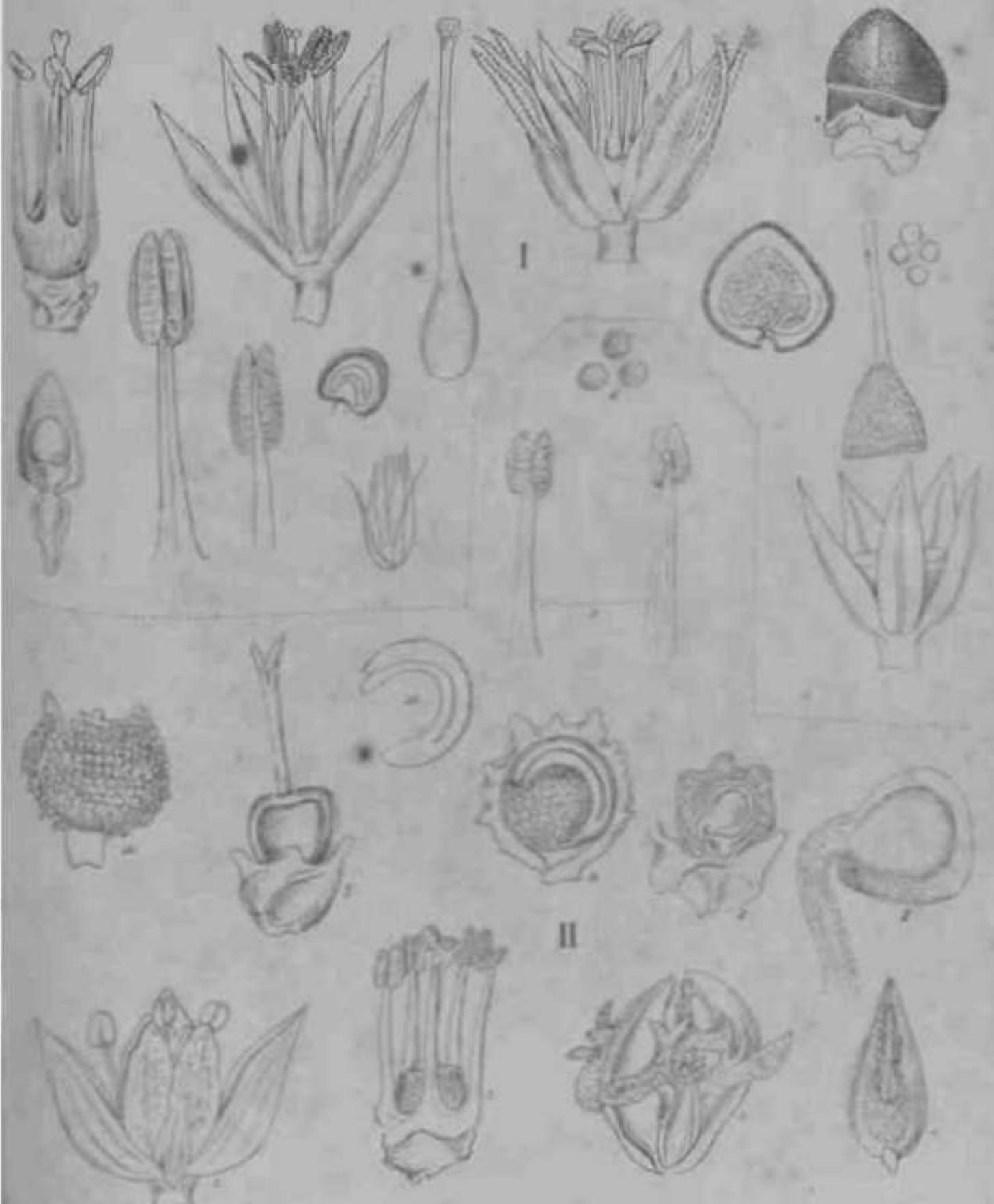


Beta

Loc. Plant. Amer. P. 7. PL. 317



Balsamifera diffusa f.

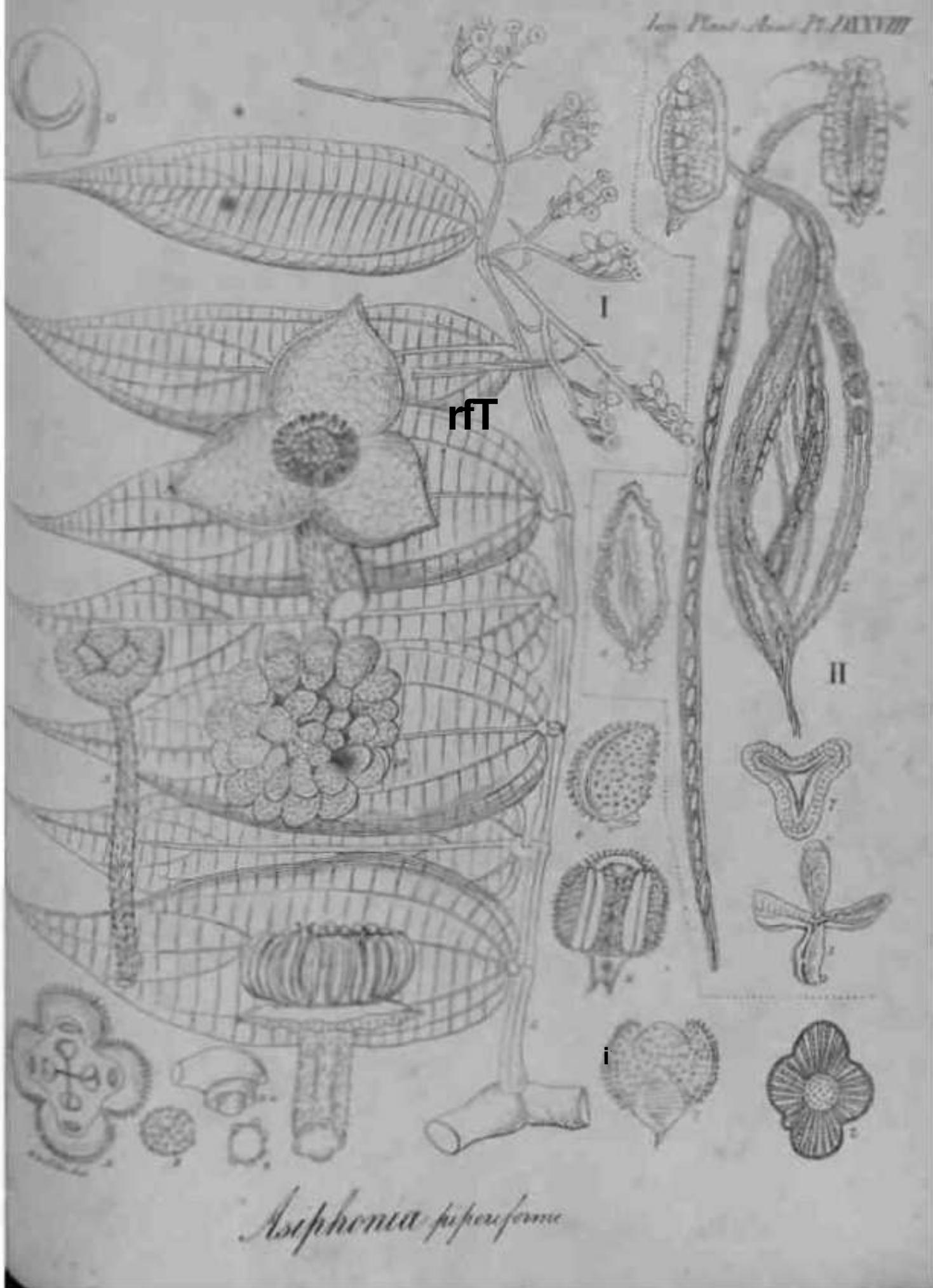


Dugesi avensis

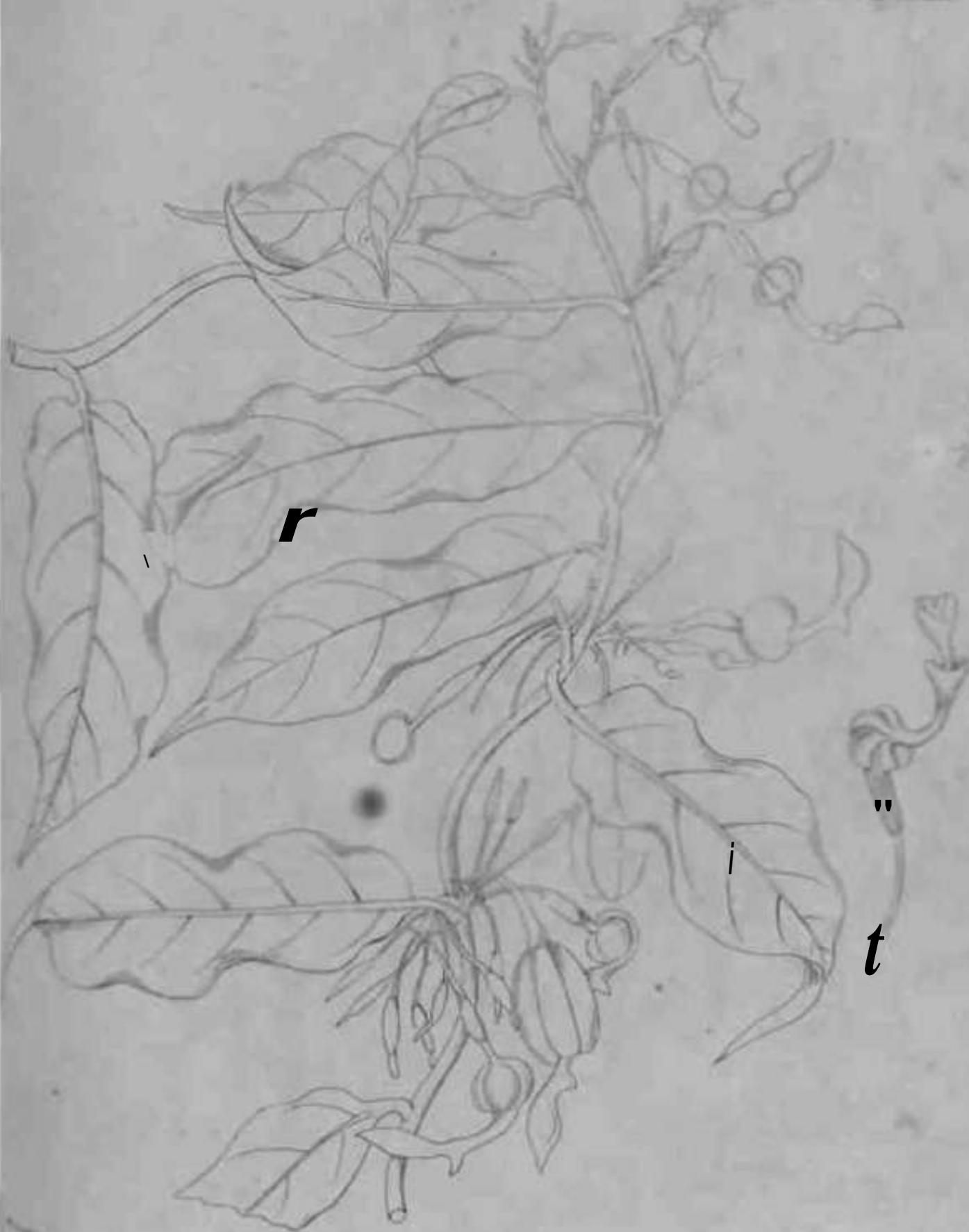
rft

II

Asephonia piperiforme



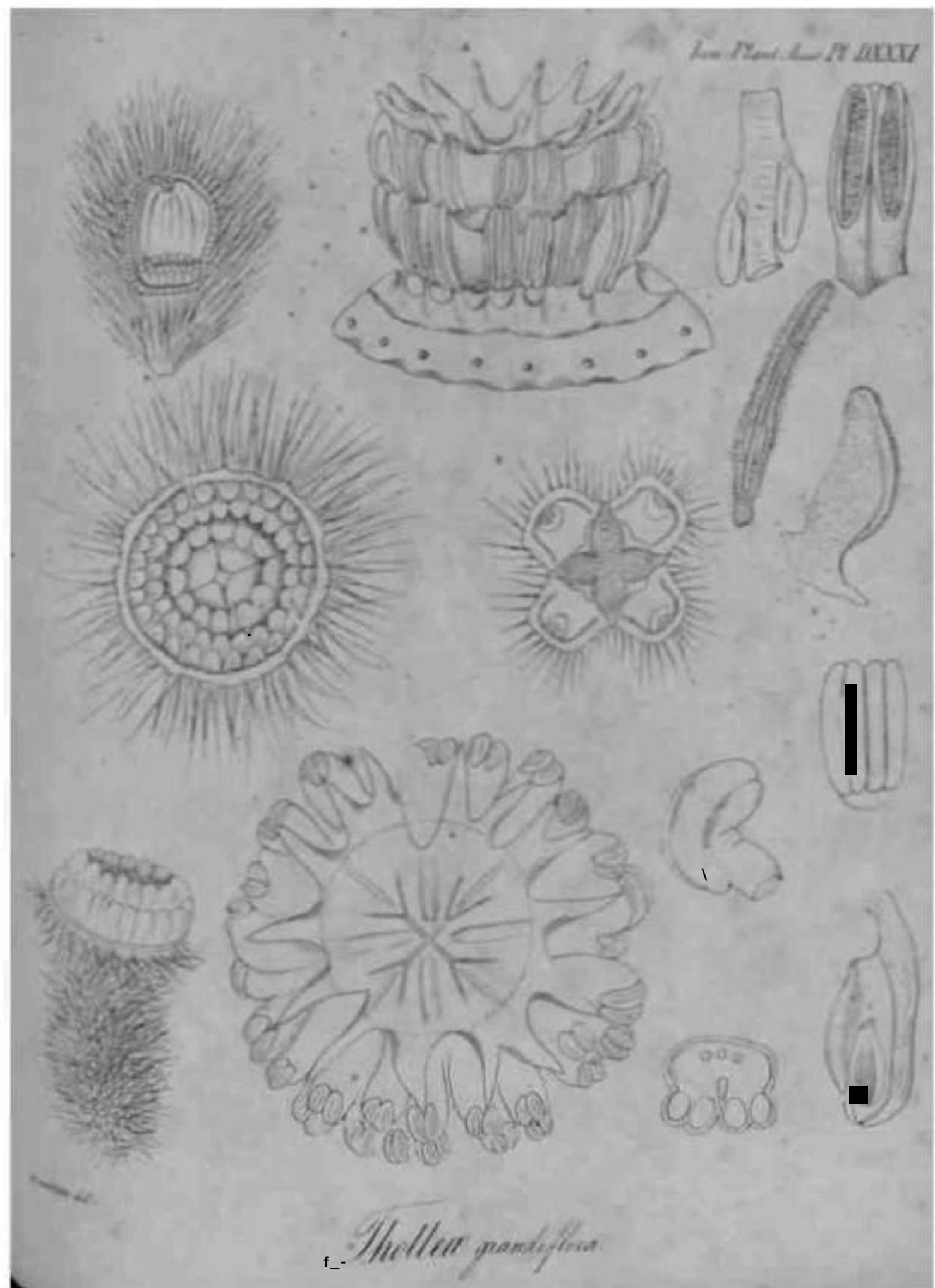
Bot. Drawn by J. D. D. A.



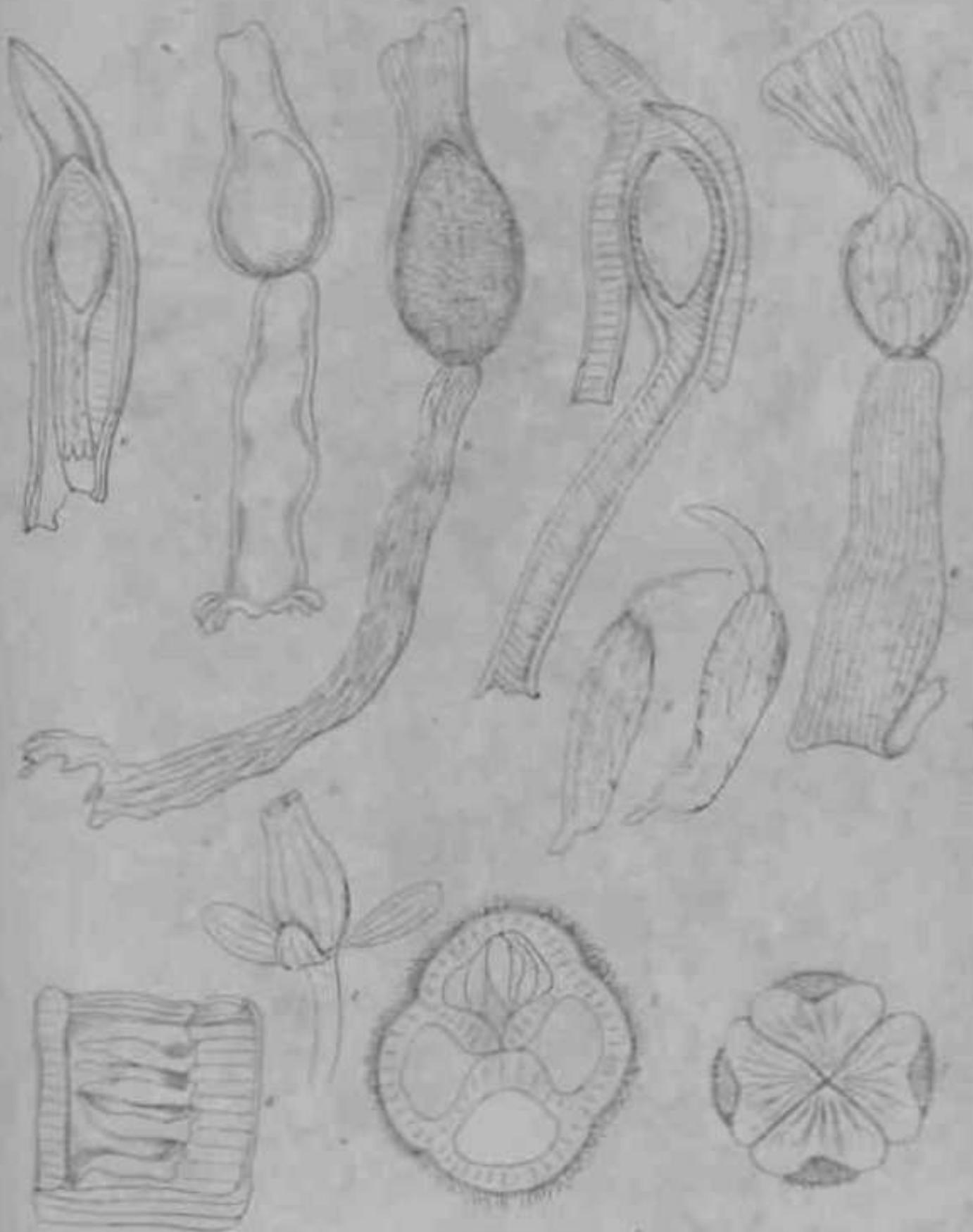
Aristolochia



Thottea scandens

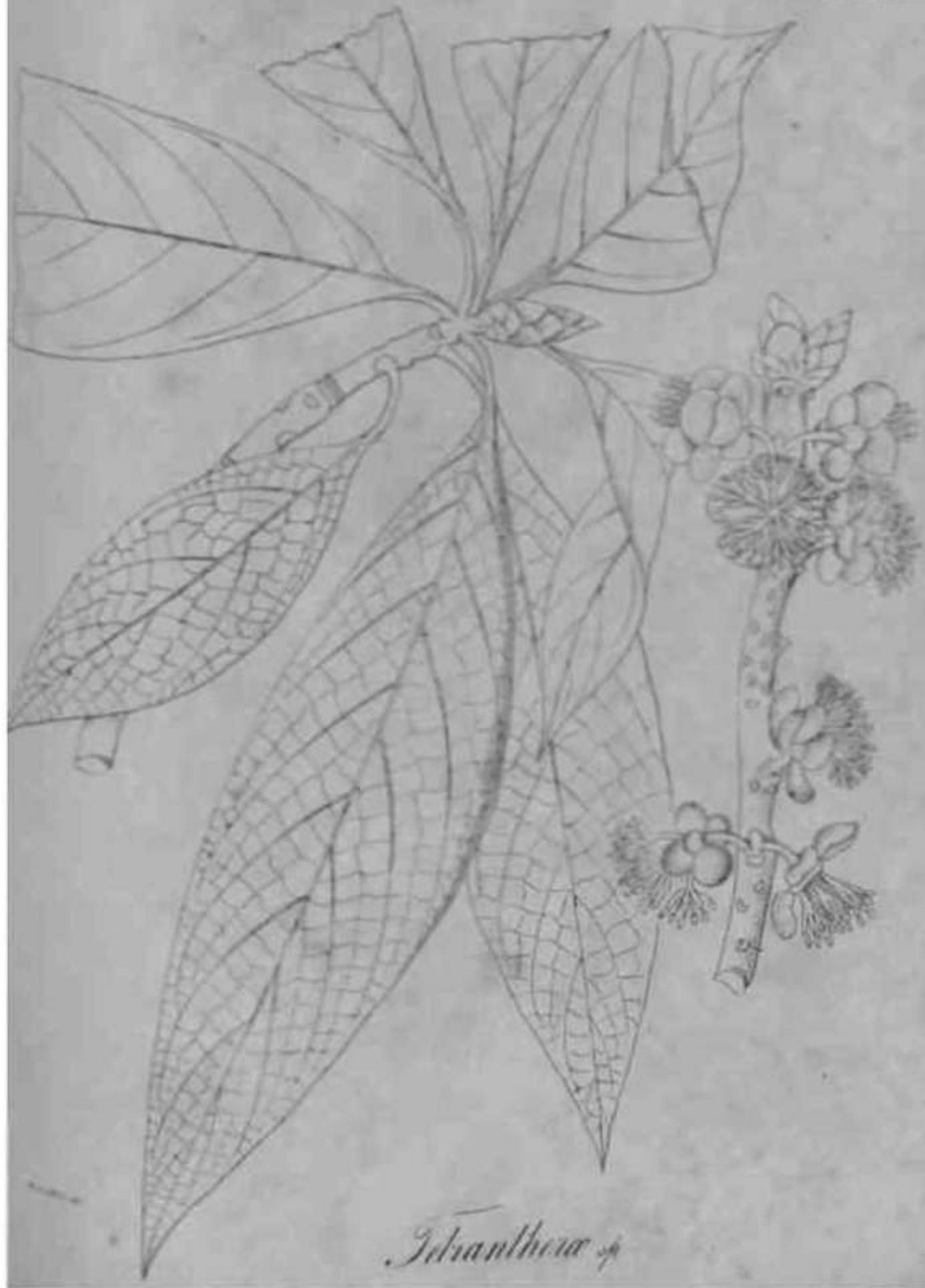


Thellia paniculata



Sphagnum

Bot. Pl. No. 17 MELISSA

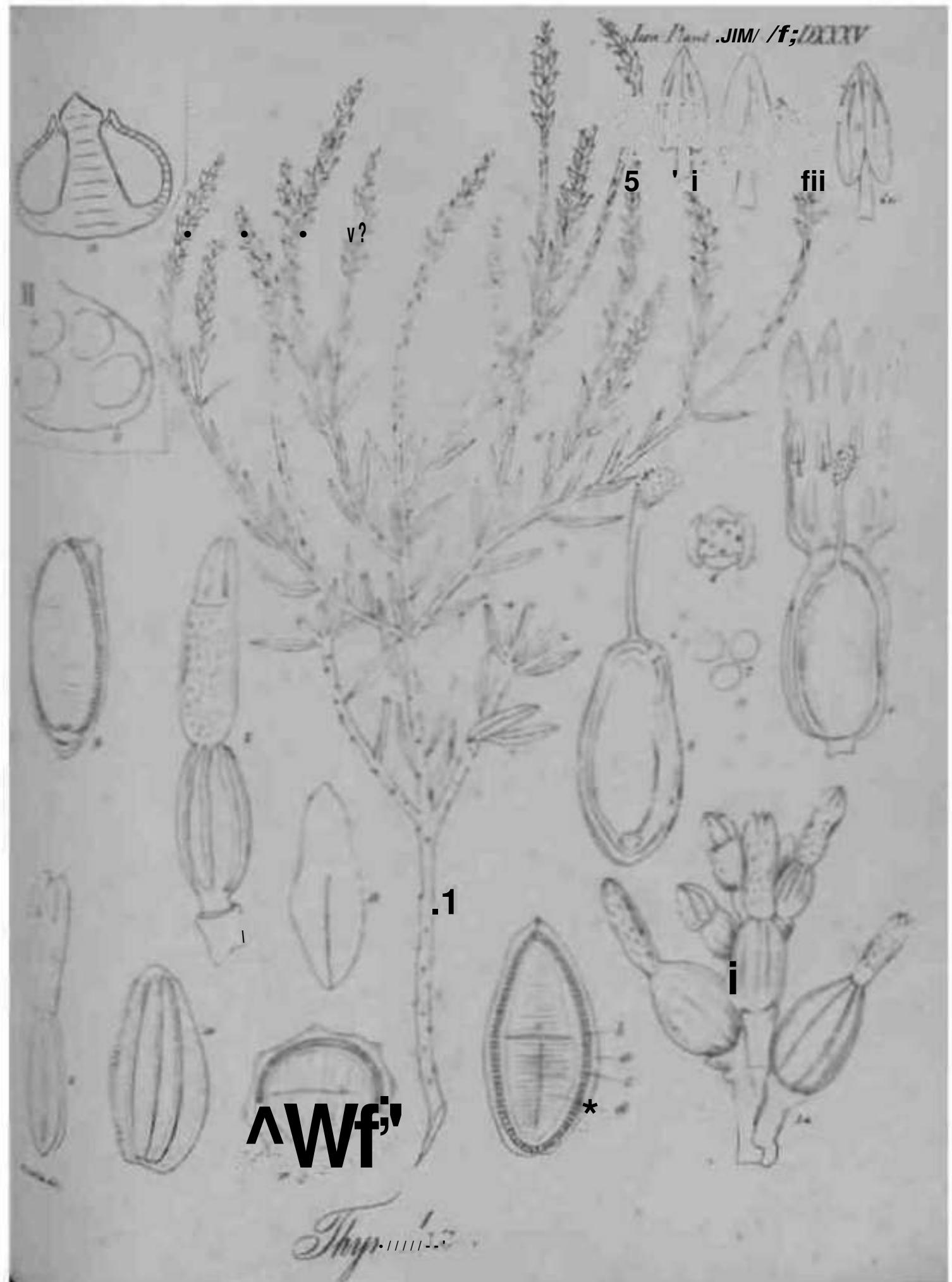


Tibianthera sp.

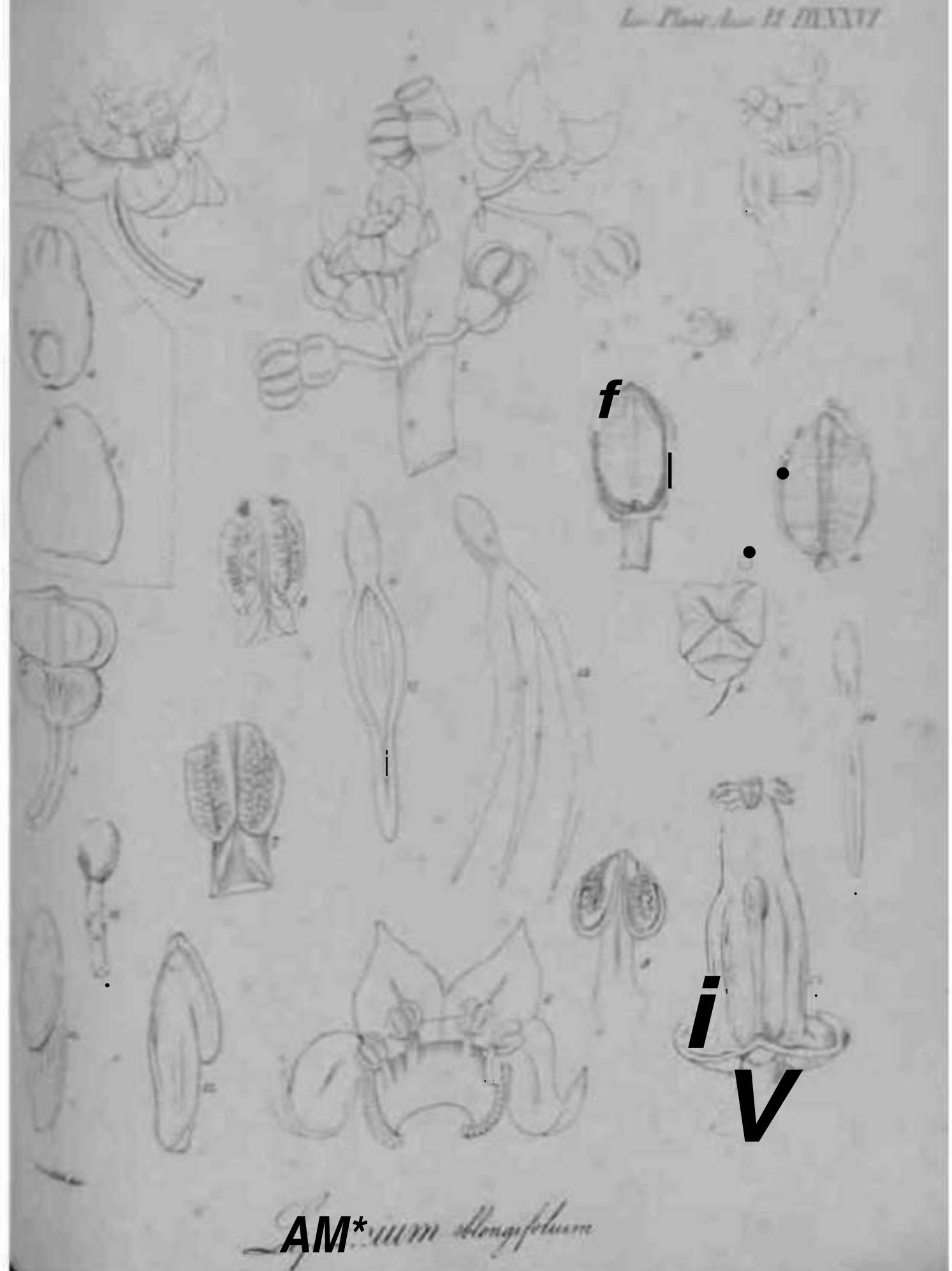


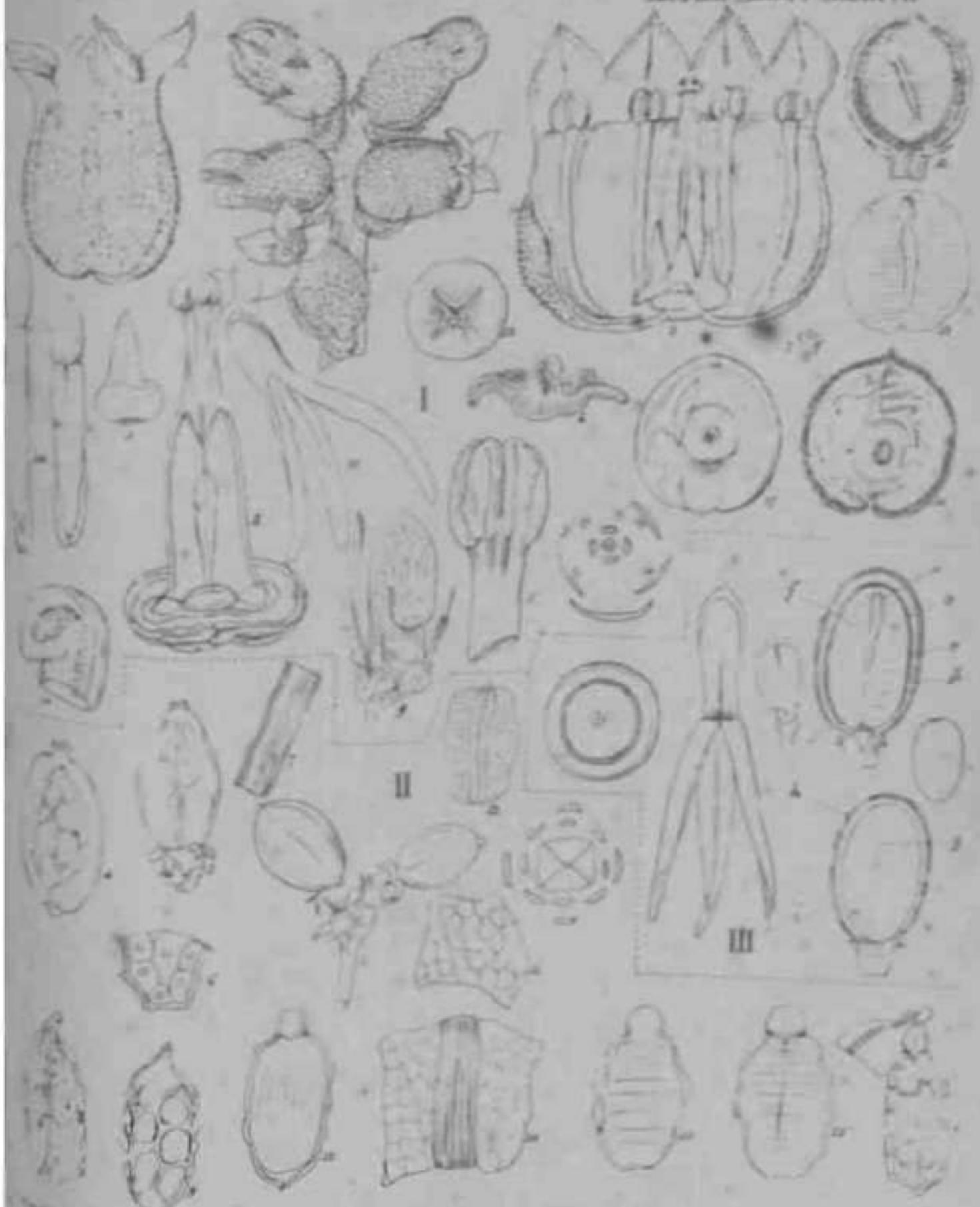
Papaverina *diarthronoides*

Jan Plant JIM / f; DEXXV



Le Plant du 11 MAI 17





I. *Canniera aciphylla*. II. *Jenkinsia*. III. *Champeroya*.

Le Plant des STA XVIII



Daphne sp.

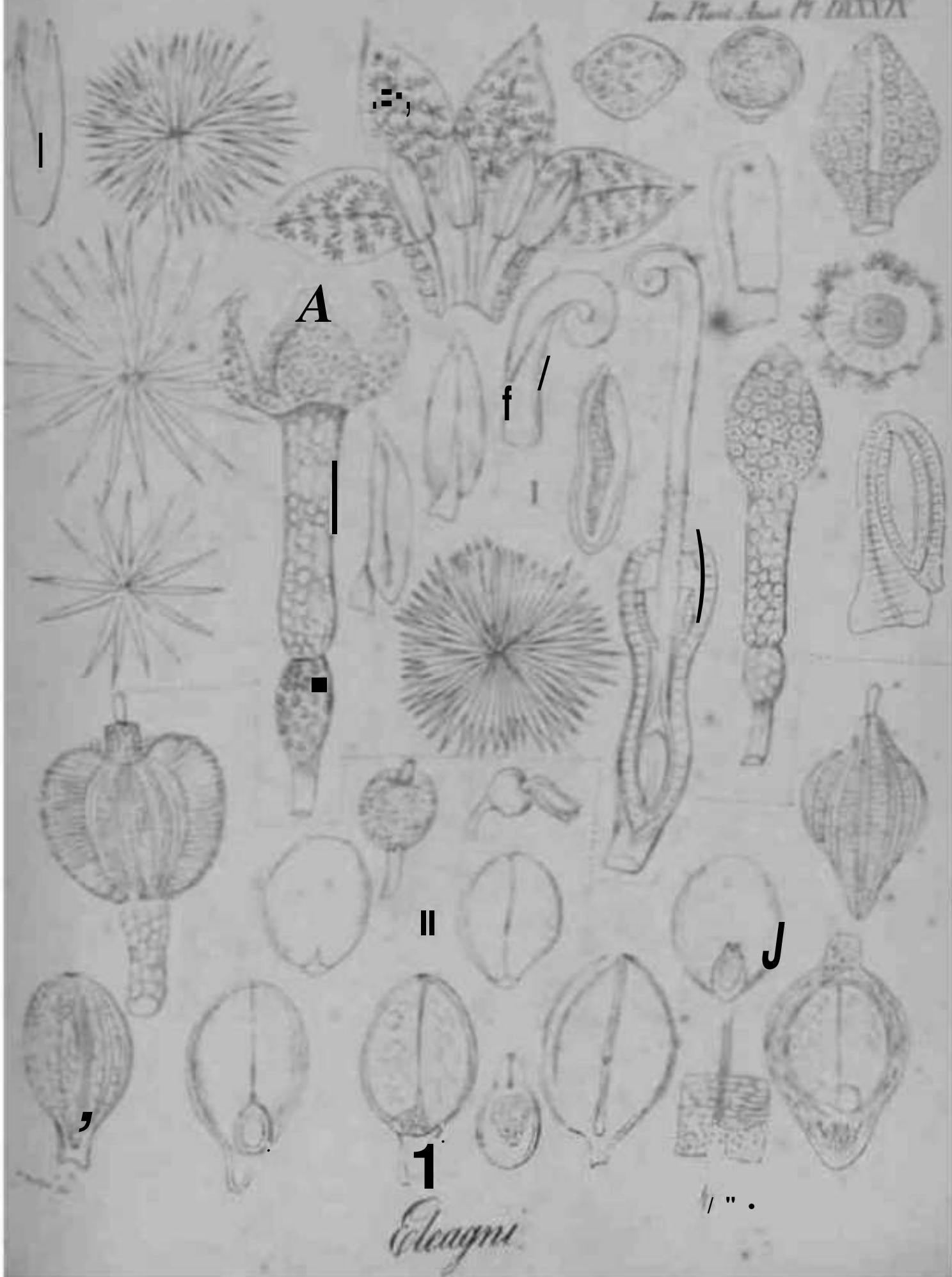
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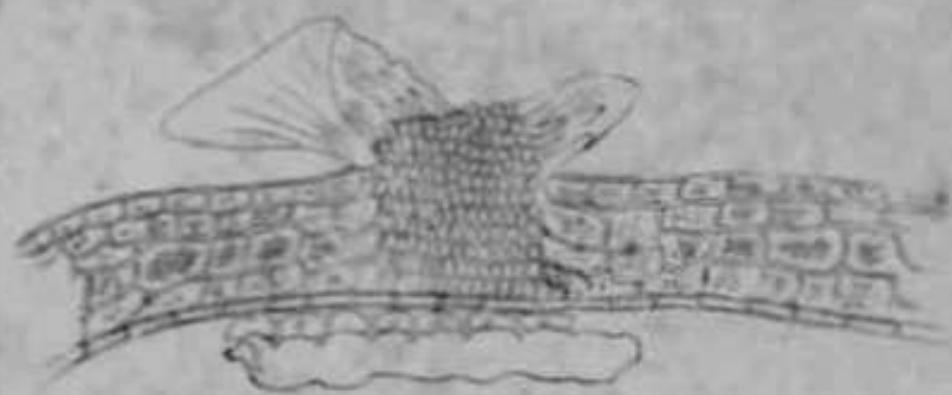
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Oryzopsis spicatae III IV Oryzis



I. Staminen nali-hu II. Staminen puf-fu



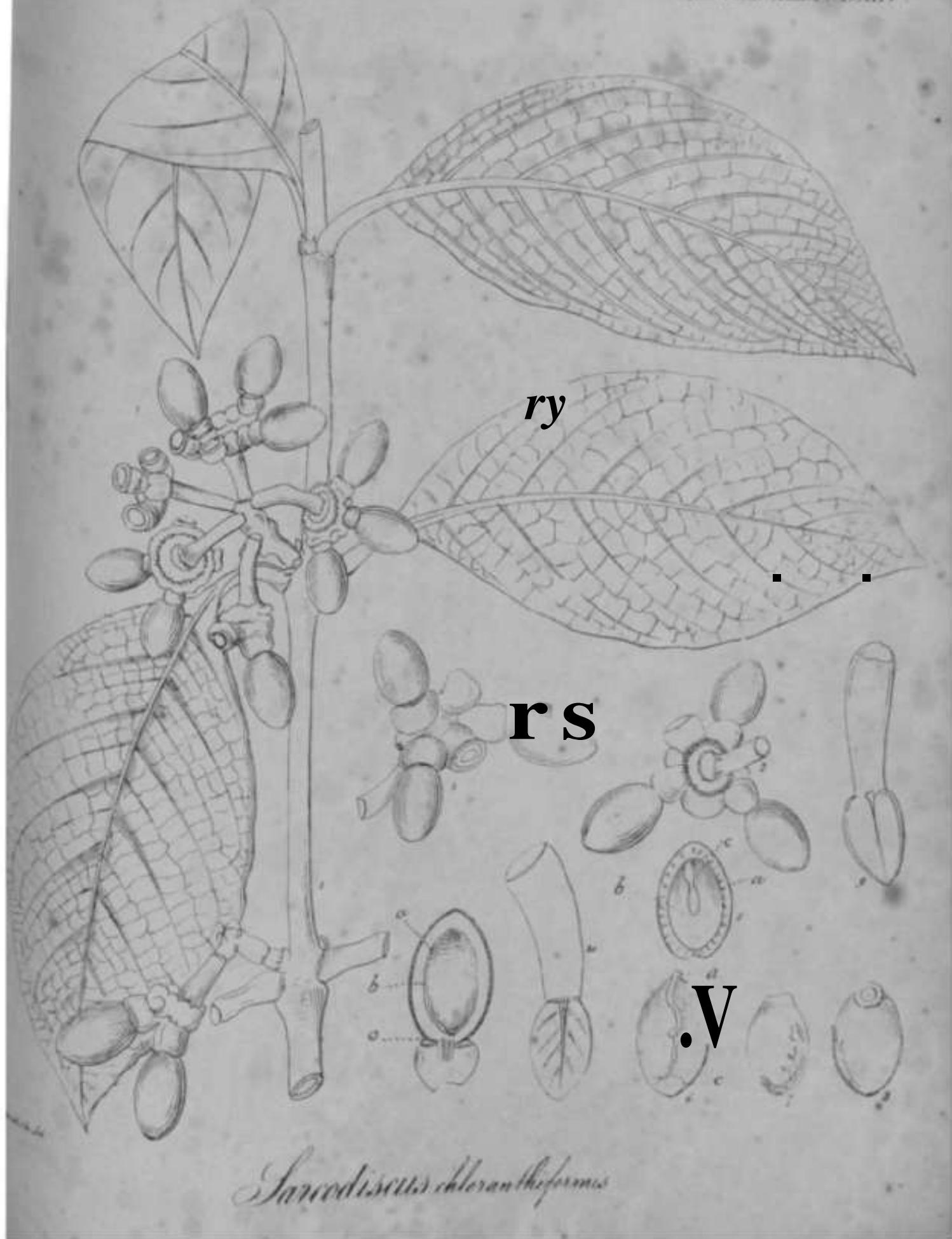
Podostemon Willd.



Podostemone Hallie



Pedostemon suffusus



L. P. & M. BENT.

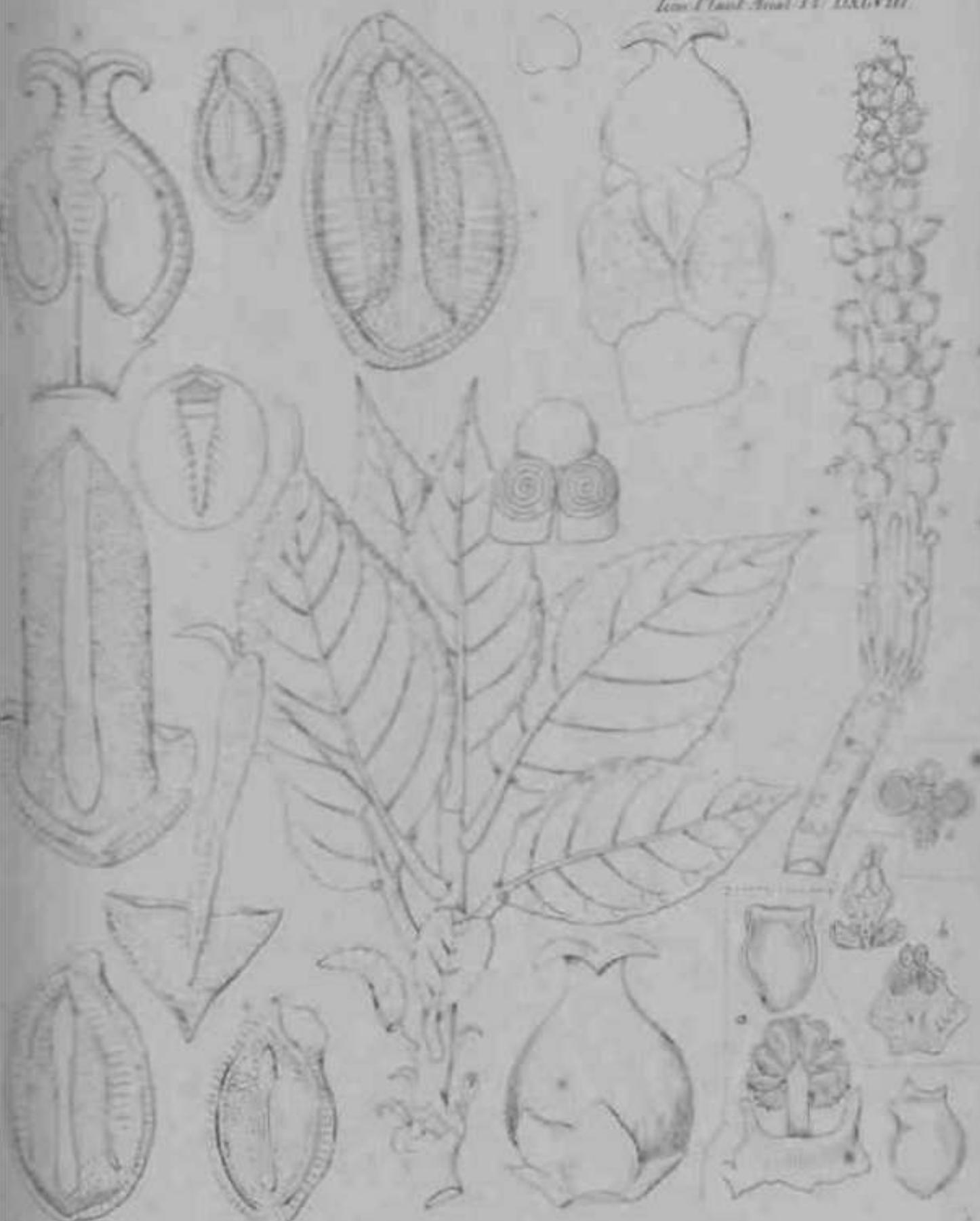


Populus tremuloides. Gr.

See Photo No. IV BUCH



Chionanthus



Gymnoletris.







1. *Ficus oblonga* n. *Ficus heterophylla* Gr.

Les Plantes de la P. D. H.



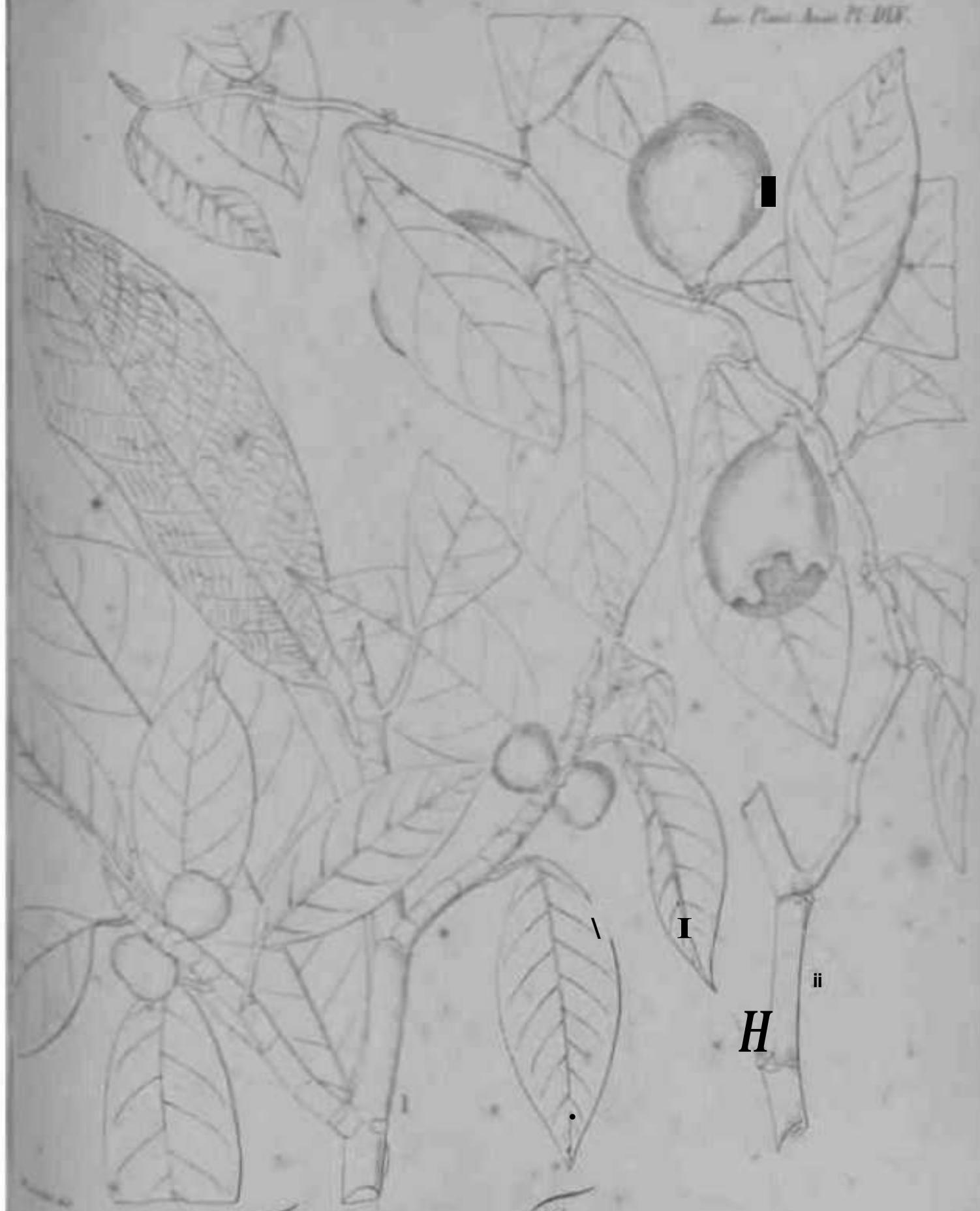
Ticus denticulatus



Ficus affinis



I. *Ficus paludicola* fix/* II. *Ficus propria*



Ficus wengiana 1, **yuu** the amentaceous.



I. *Tectaria millingtonia* II. *Tectaria intermedia* £.



1 *Picus undulata* n. *Picus* sp. III 7/r/i rubrifl; g



Ficus schneeroeppii Gr.



I Jin-
Litsea *lutea* f. II. Fruits magnified.

Bot. Illustr. Pl. DLX.



Ficus oppositifolia



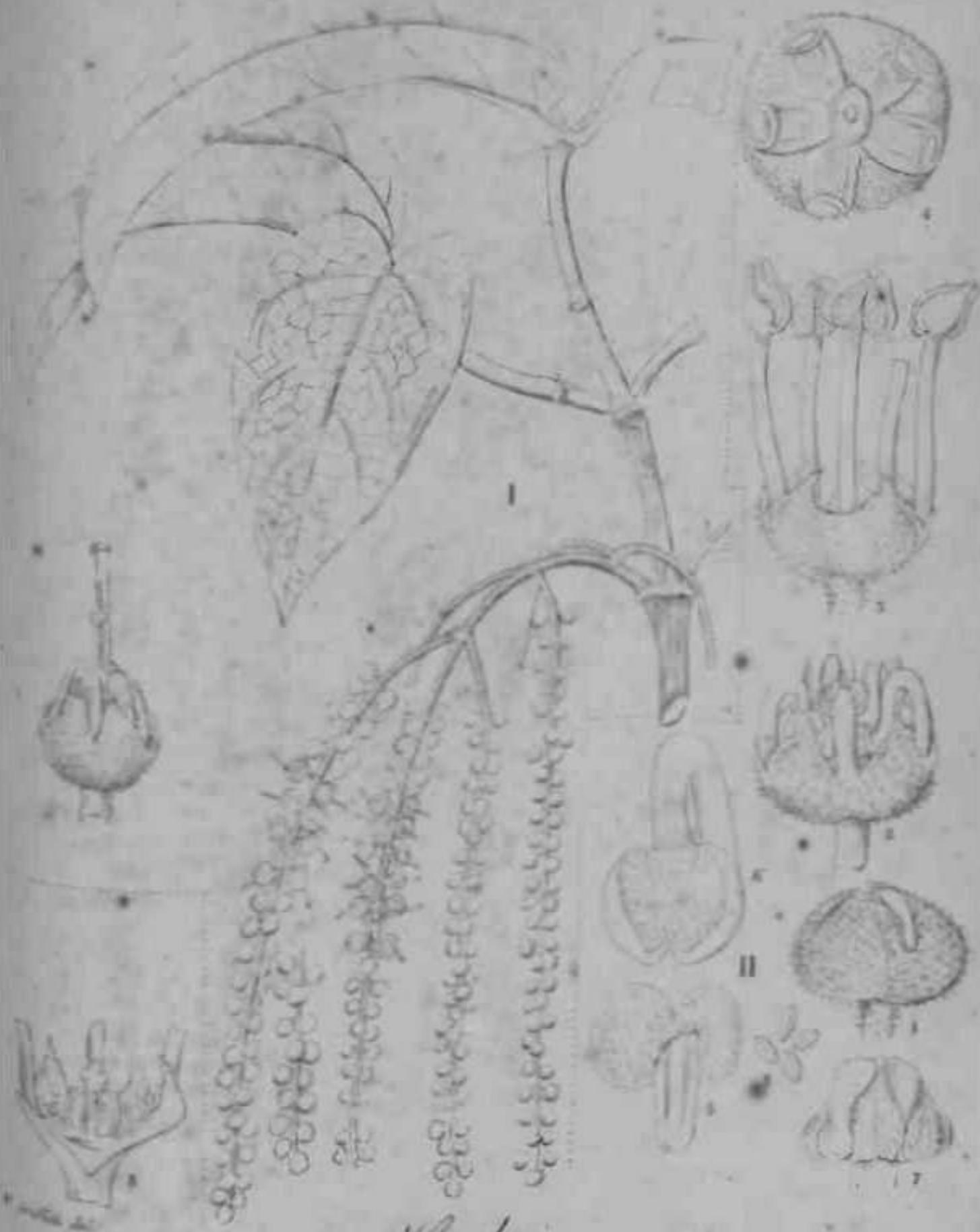
fta



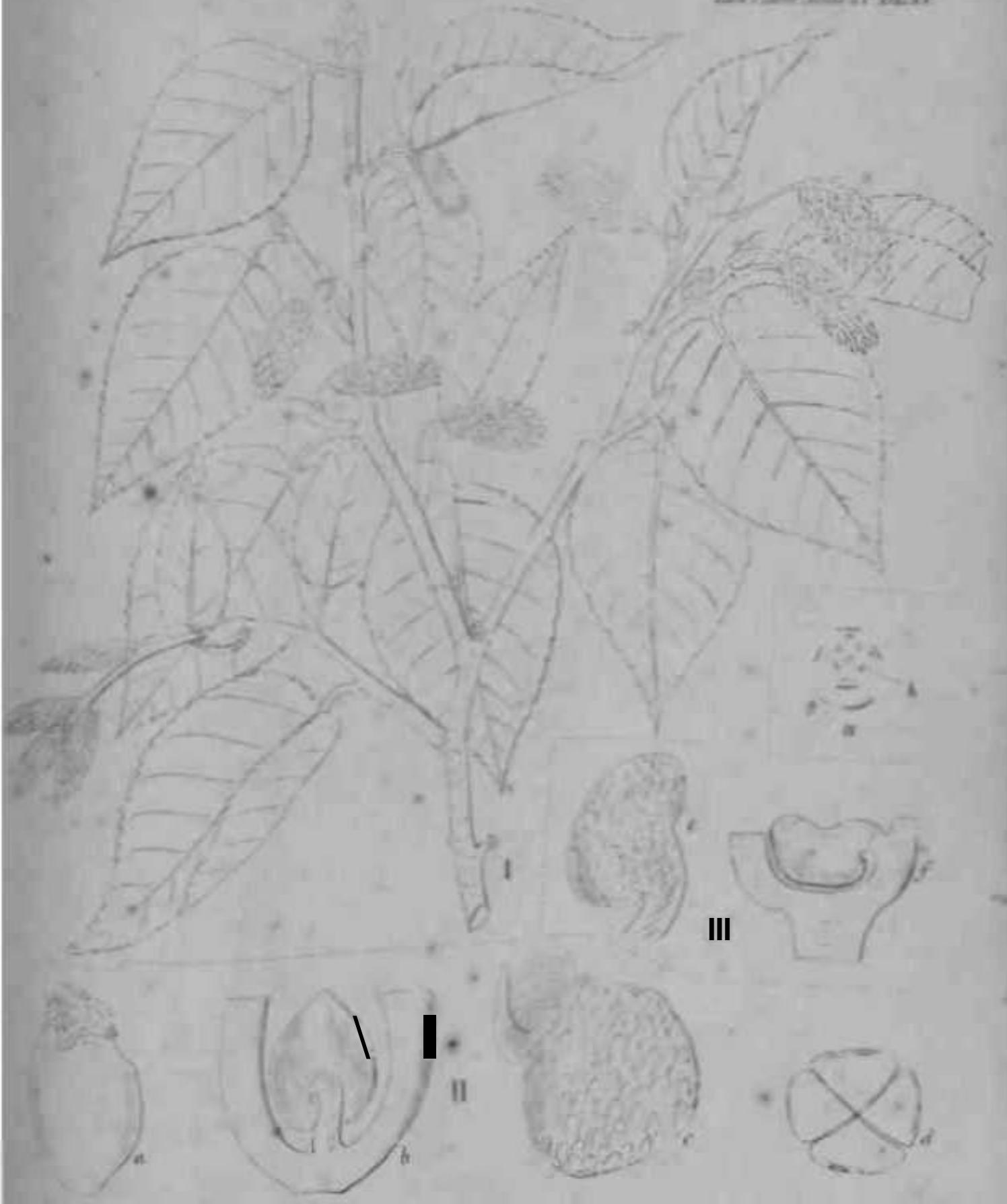
Cephalanthus sp. et Urcea in Hensleria



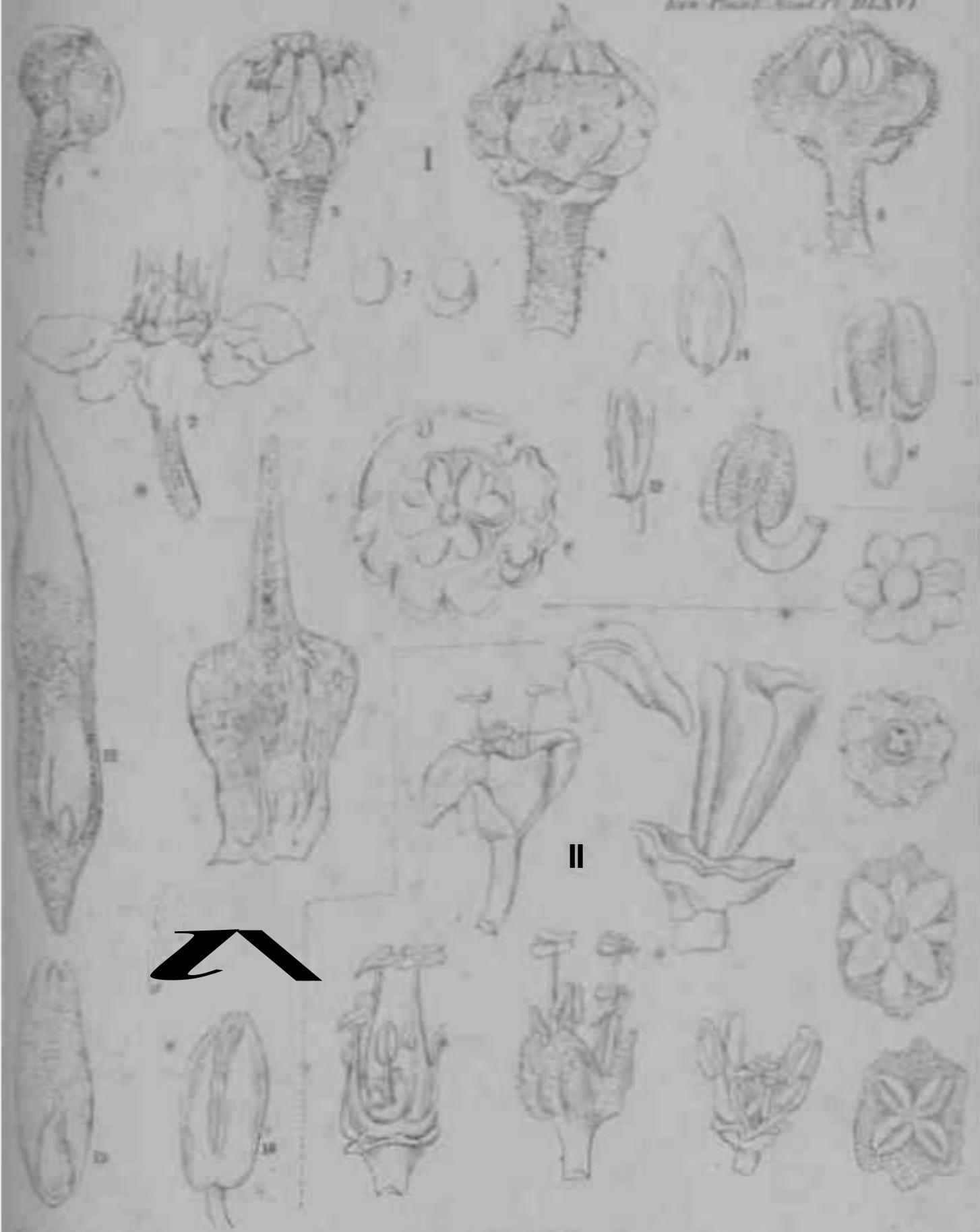
Baeria



Henslovia



Carpinus - *Aesculus* *hatalum* in *Anacardium occidentale*





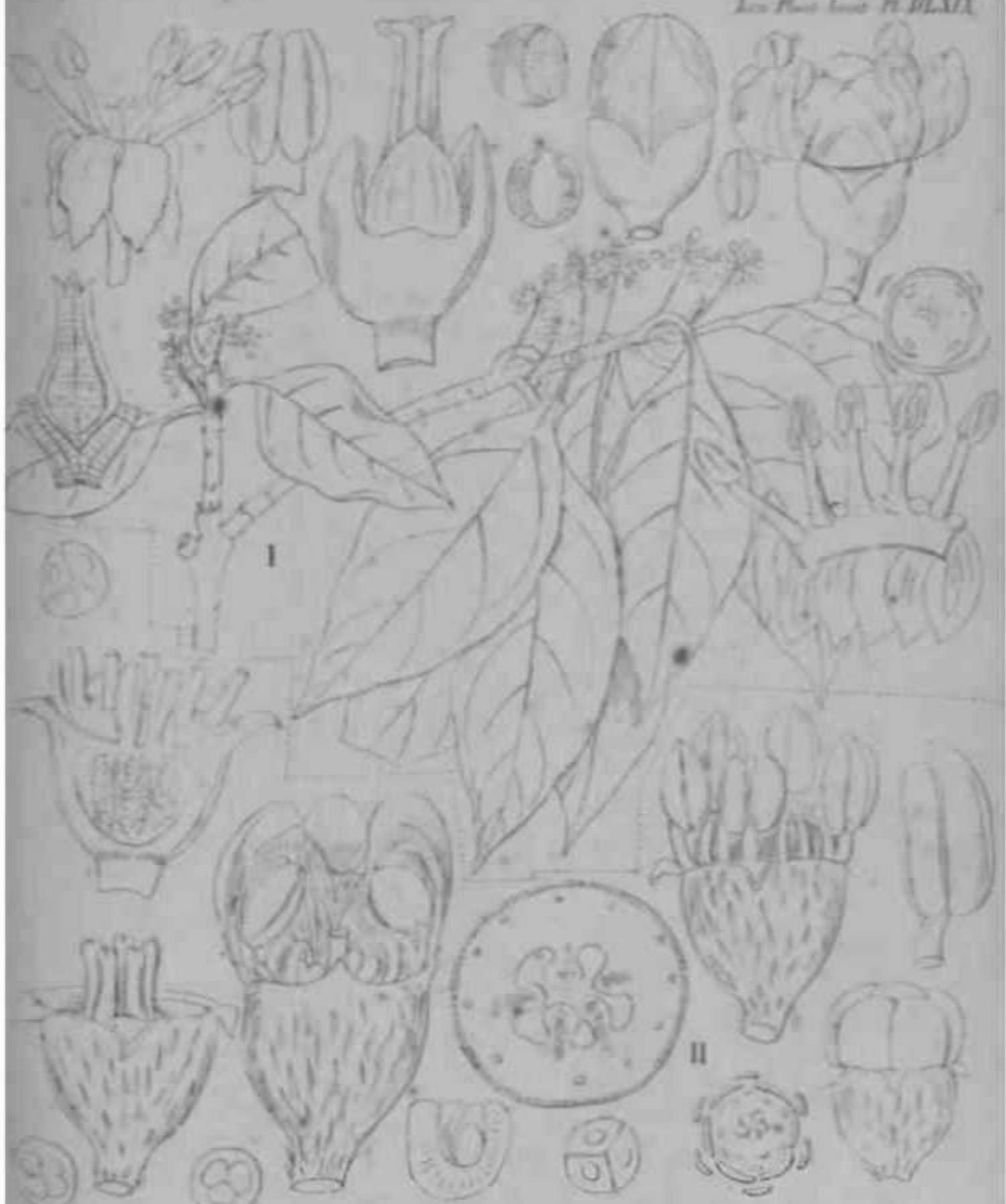
I. *Syndemis* II. *Mangifera* III. *M. laurina*

V

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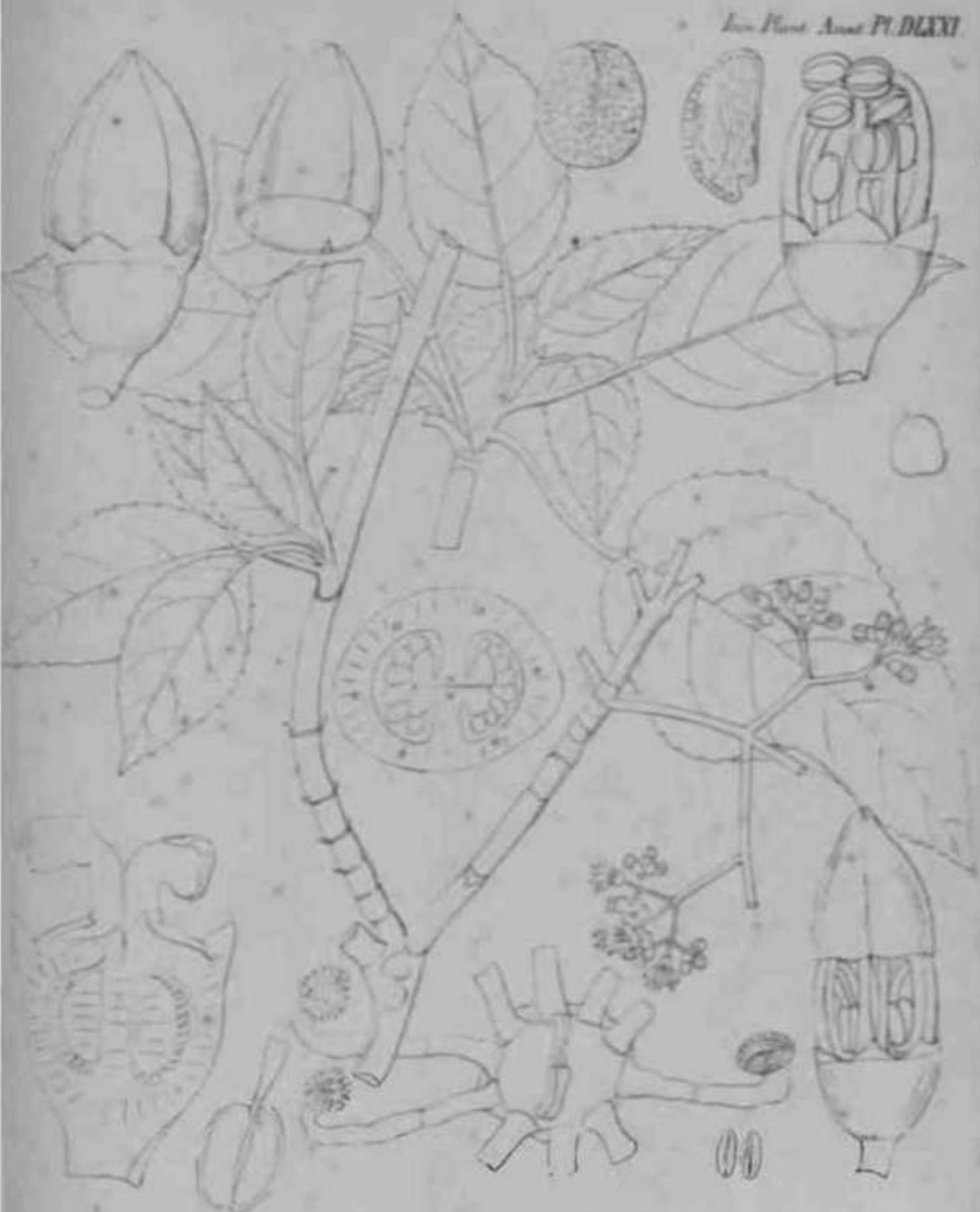
I

!,,///w //• b'"'

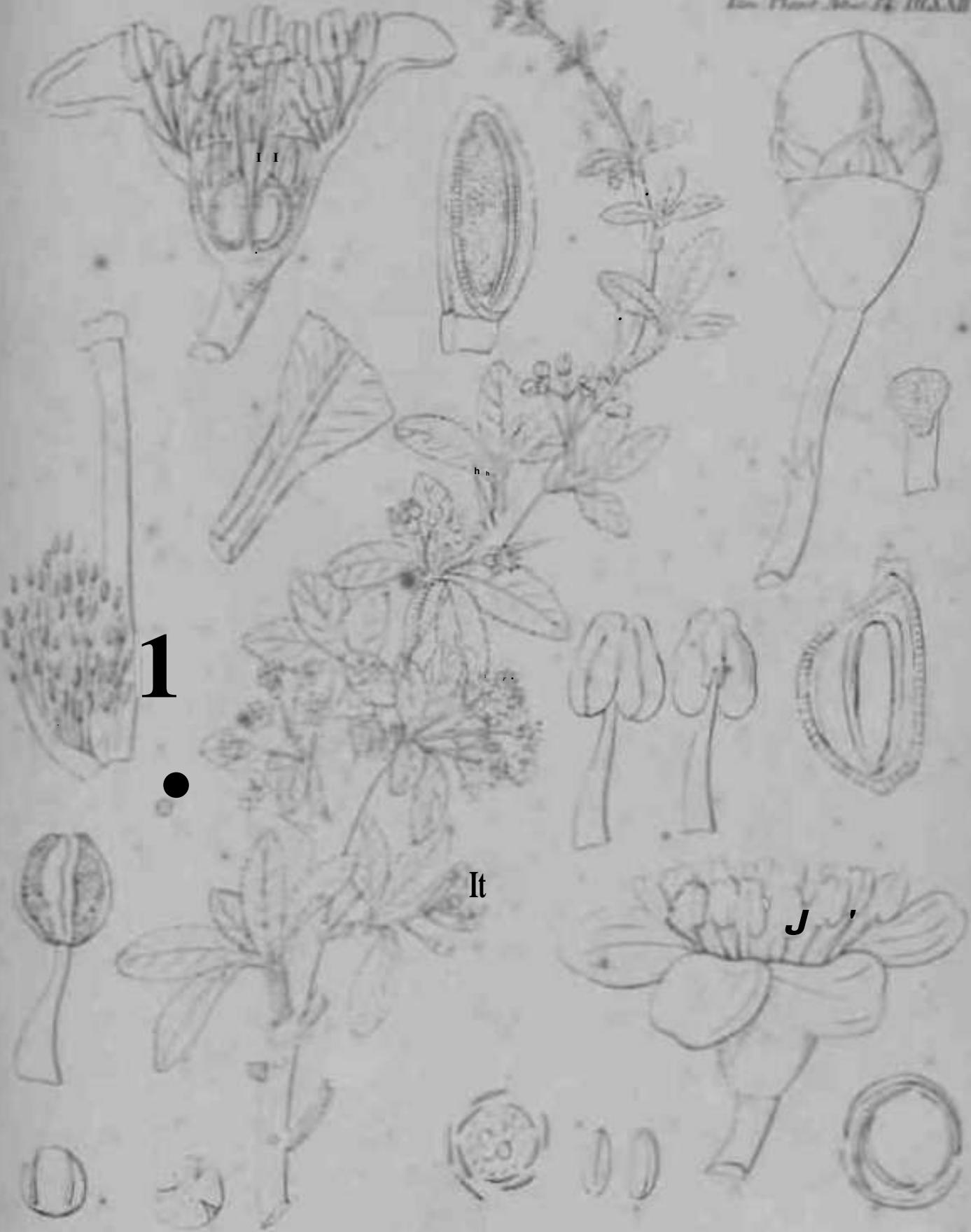


Hydrangea





Hydnangea gen. nov.



Zinnia elegans



Poinsettia

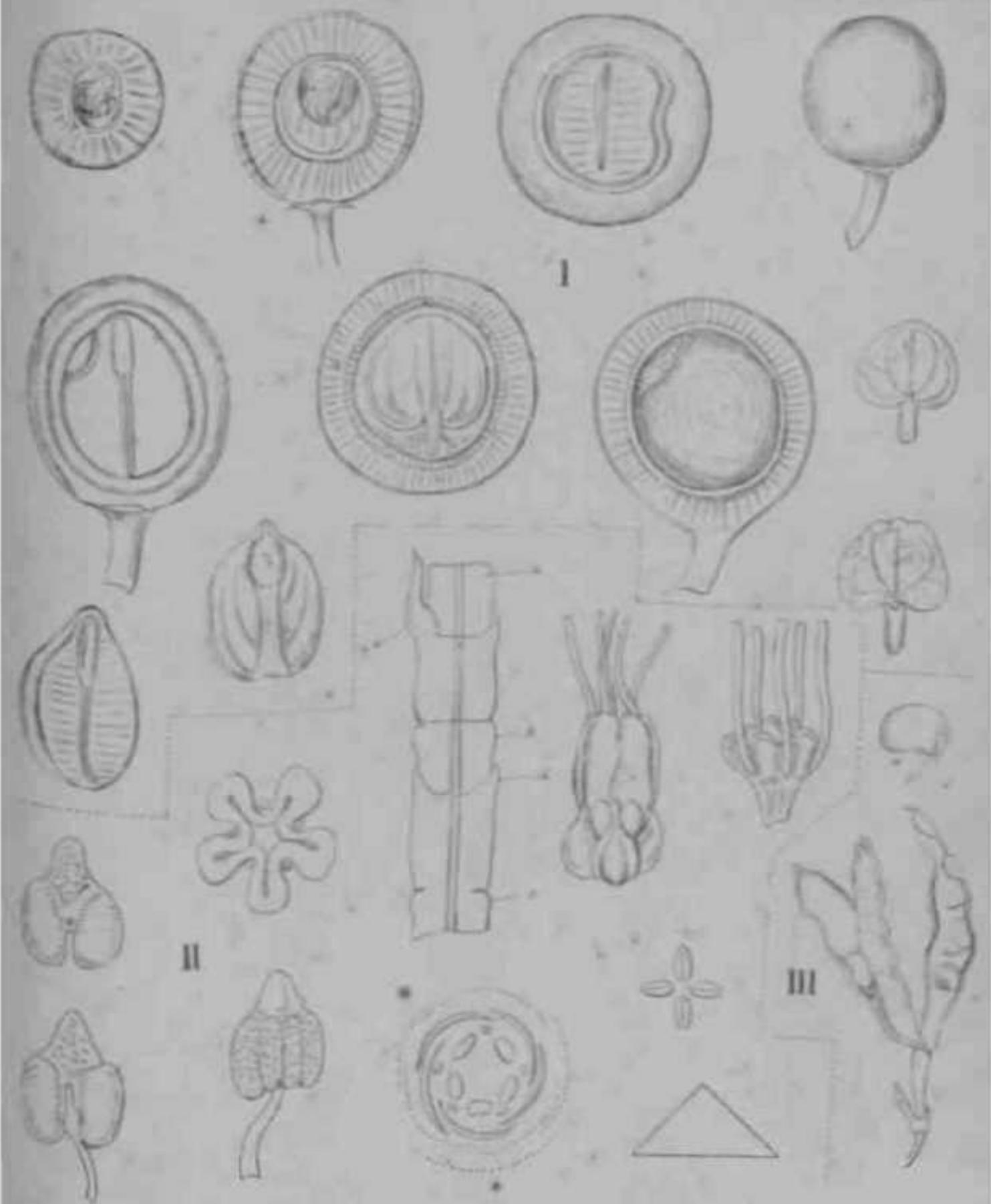




Coriaria myrtifolia.



Impatiens.



1 Paraphlexii. Tamarix danaeum Cytisus.

Grisebach del.



Melilotus



Caryophyllus



I *Prinsepia* and II *Dianthus*.

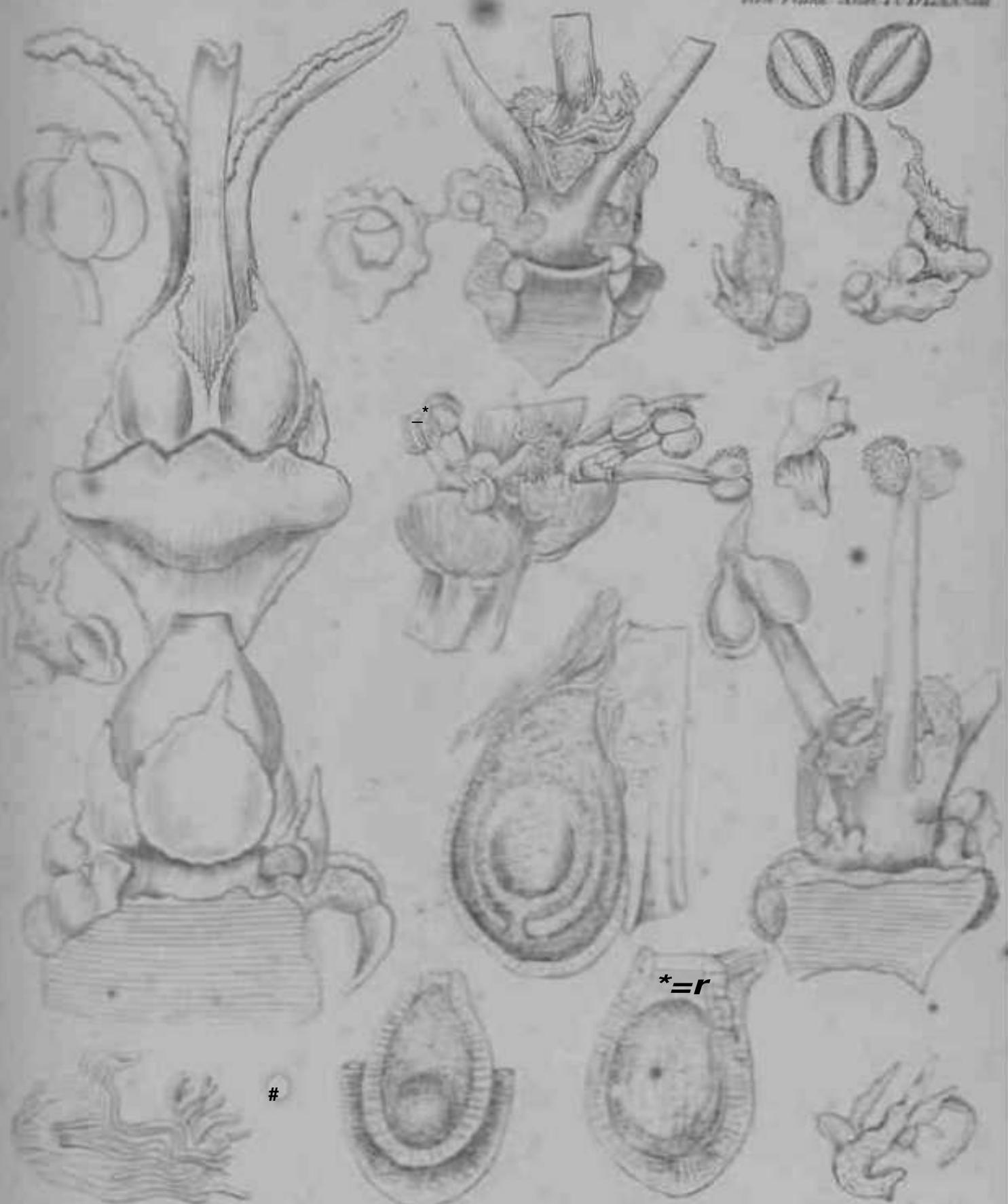


Hippocratea



W. Griffith del.

Hippocratea serrata L.



Exuvia.



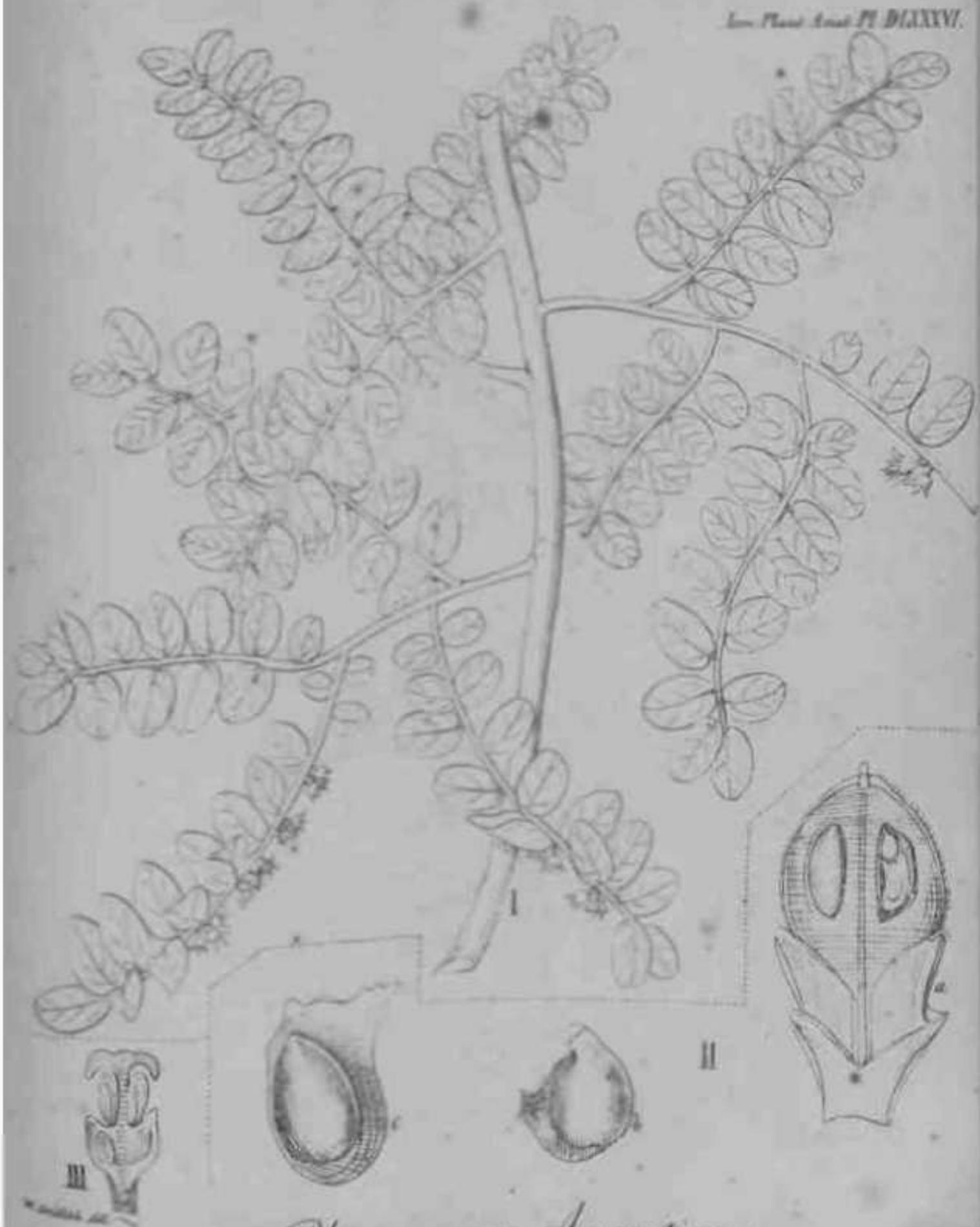
U» i— t AOITT



flor. Phamnoea • *Melastomaceæ*



Indians of various tribes

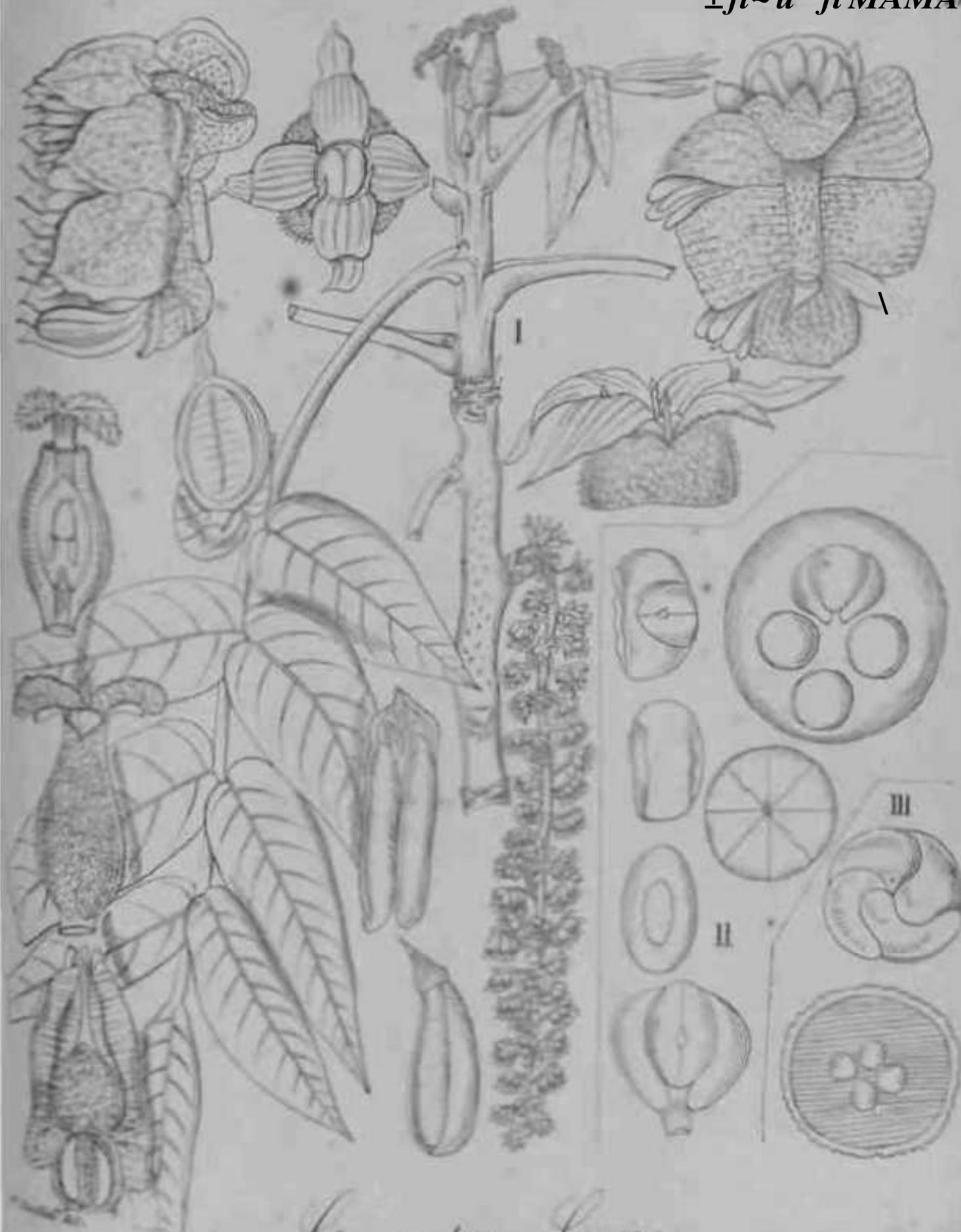


Rhamnea n. sp. Aurantiacea.

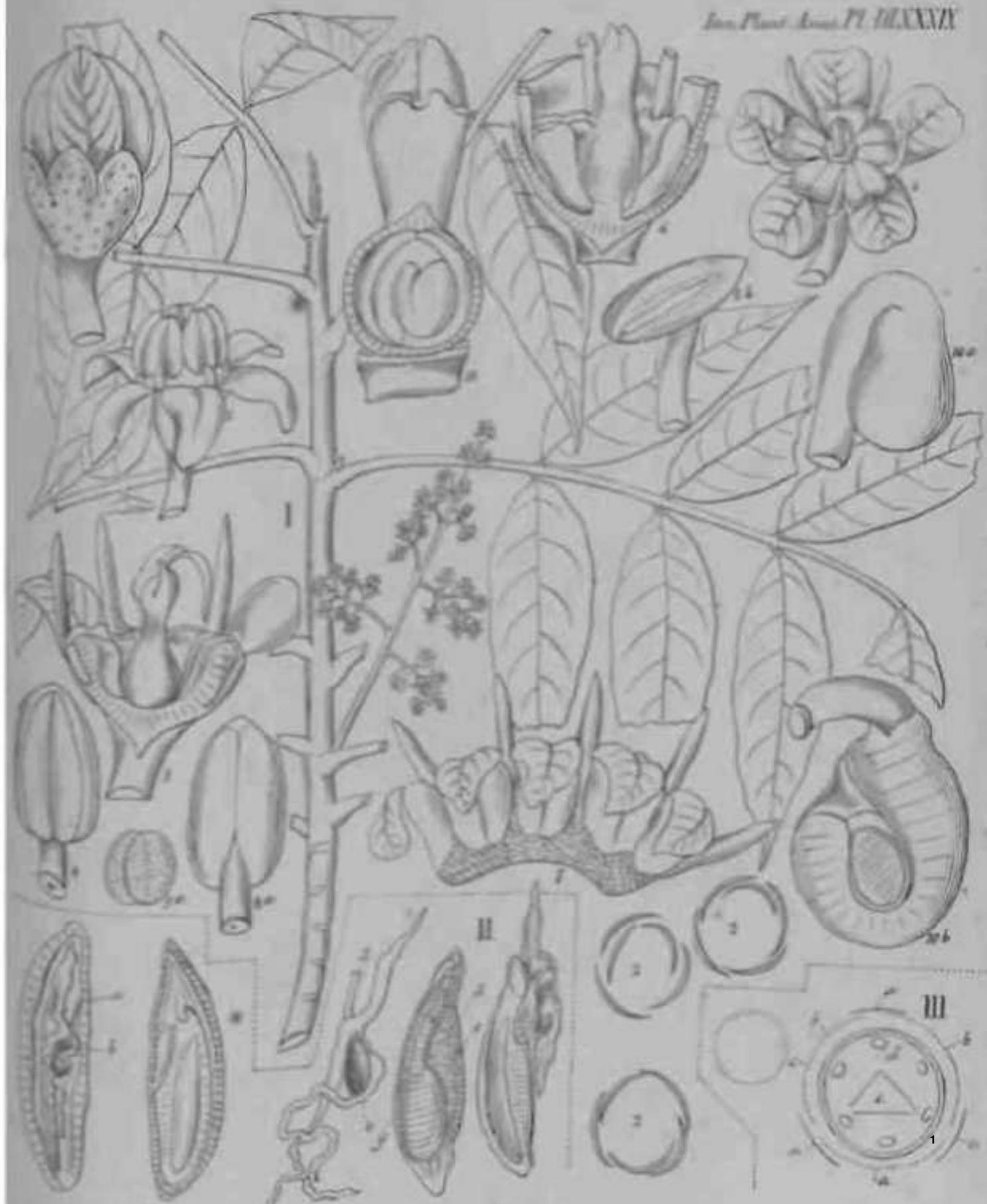


Rutaceae

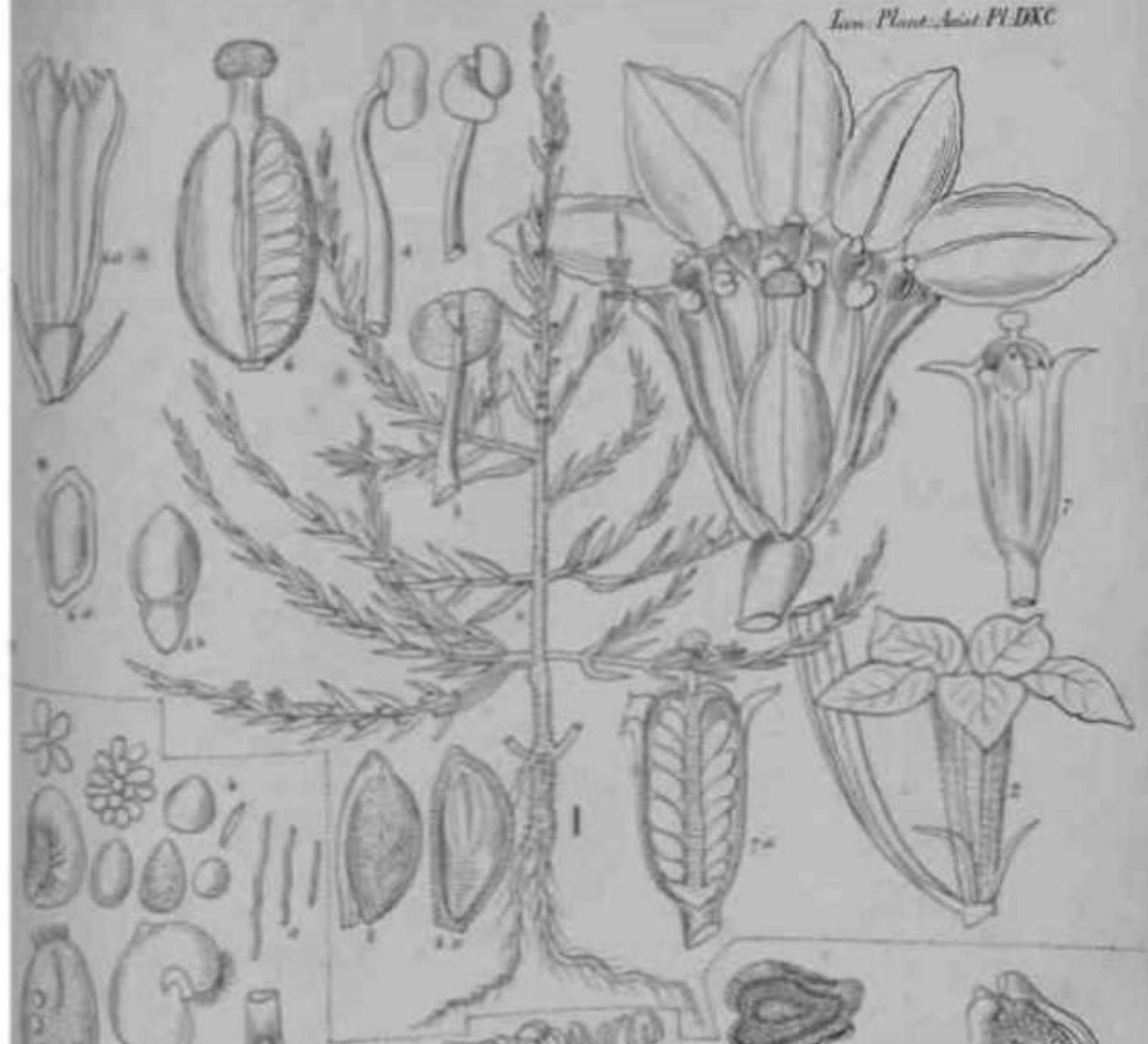
$\pm ft \sim u^{\wedge} ft MAMA$



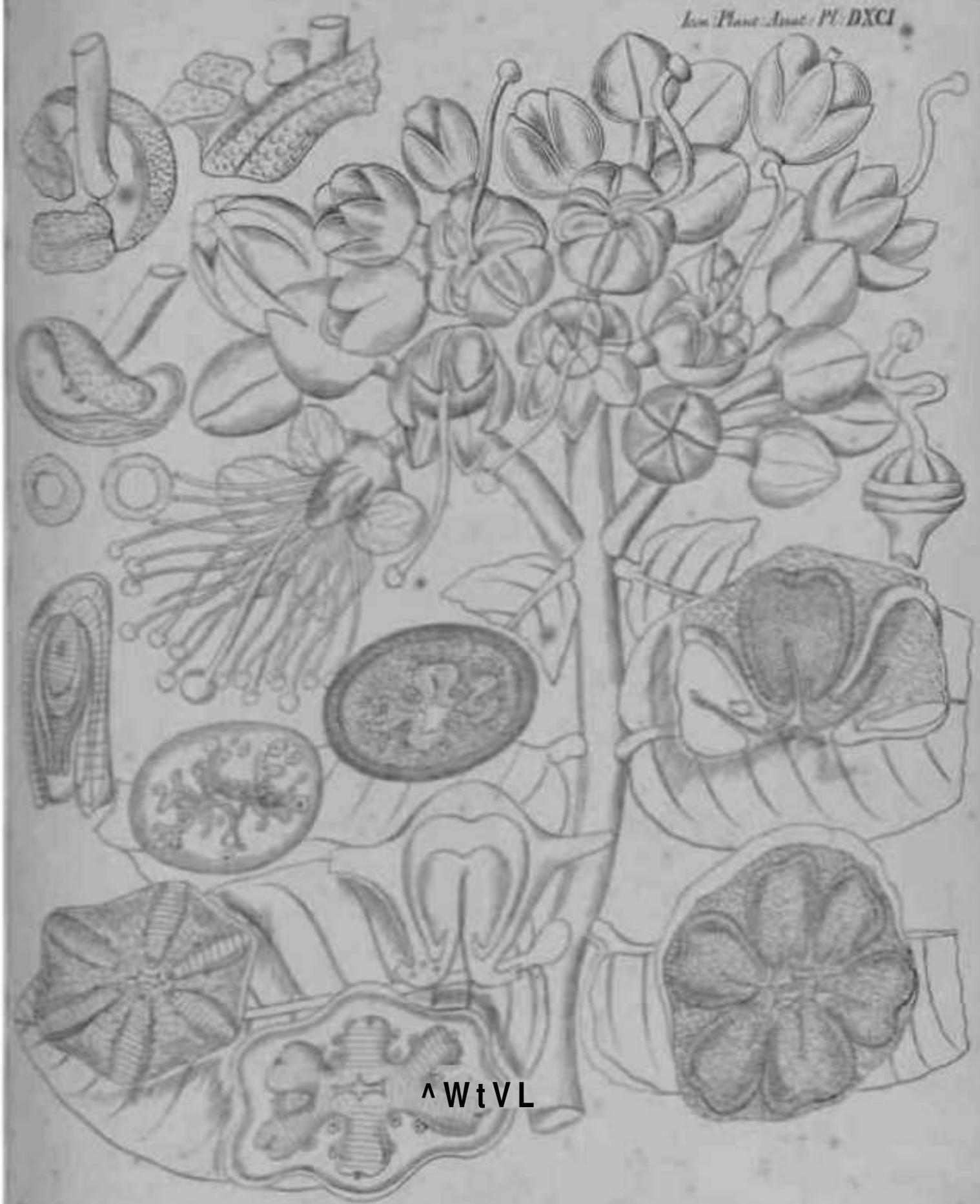
"Cenocarpus, u^{ft}, ! la I



I. *Aglaia*, II. *Ixonanthes*.



Lythraceæ

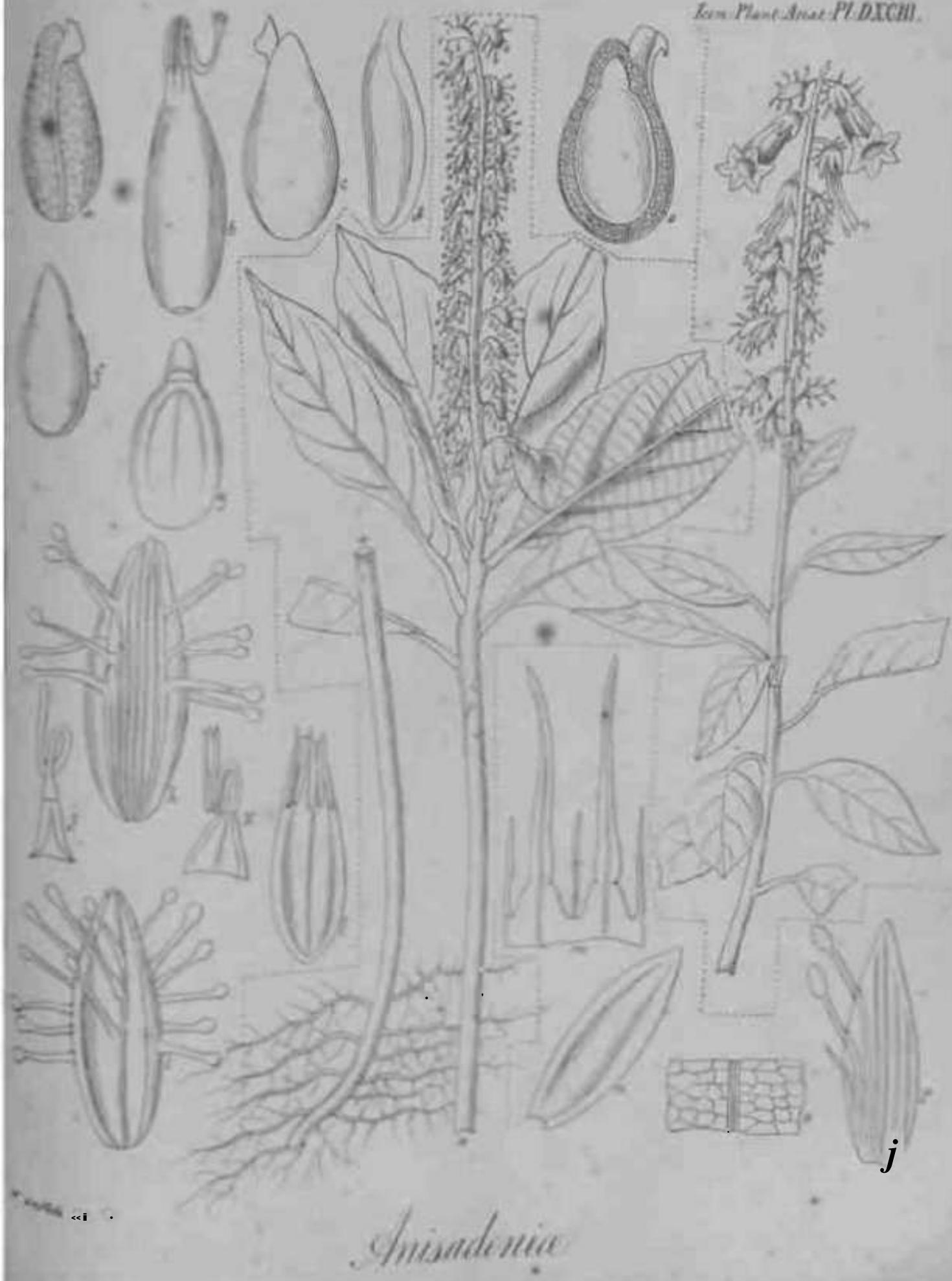


^ Wt VL

Leptaspis portoricensis um - t --



Lagerstramia parviflora



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Anisadenia



* Smith's des.

{th*ft *!**<



Kordyia multifidae



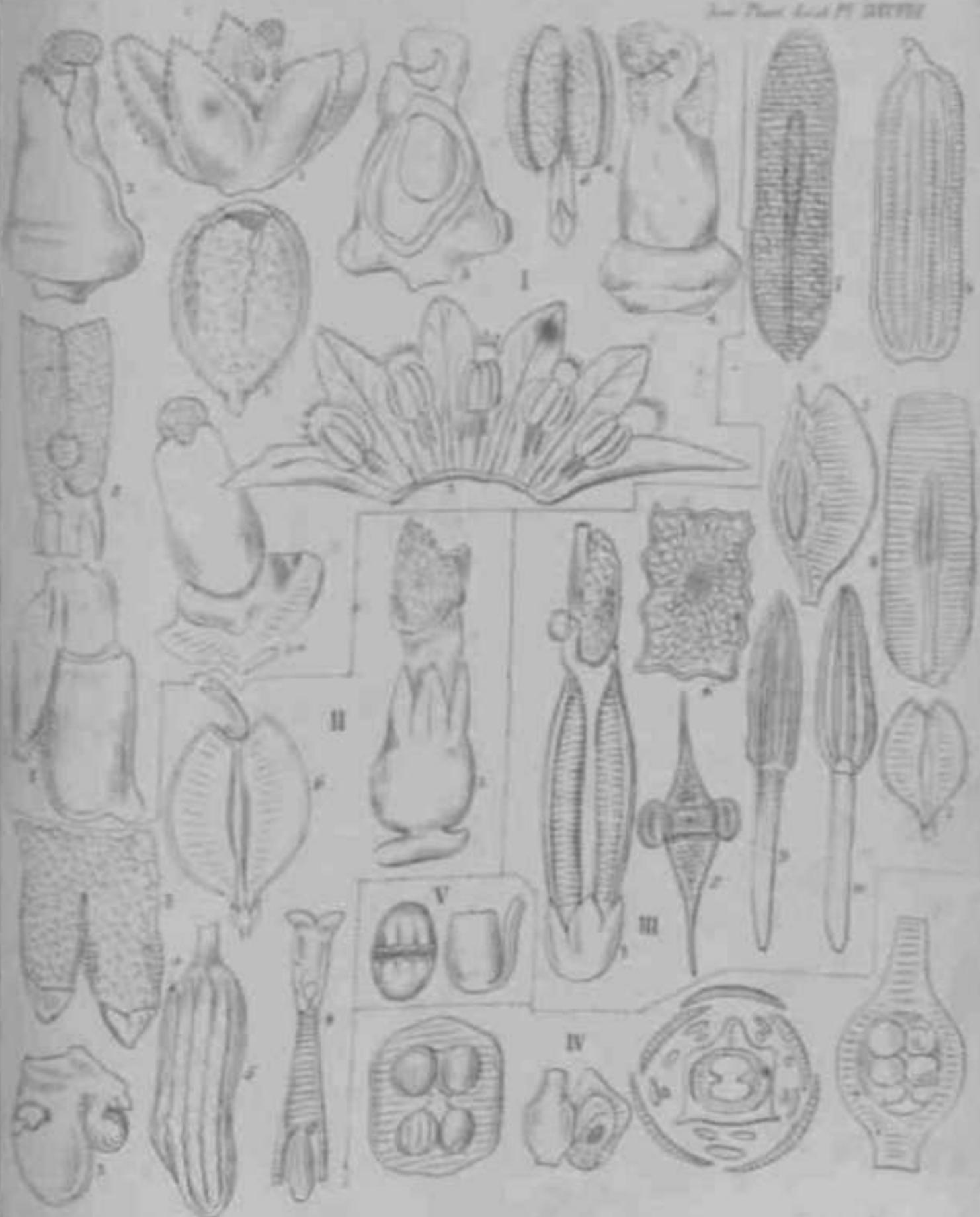
Durio zibethicus

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Polygala



Cardiospiteris

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Lapiniaceae

Lin. Plant. Amer. Pl. 2478

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Gordoni



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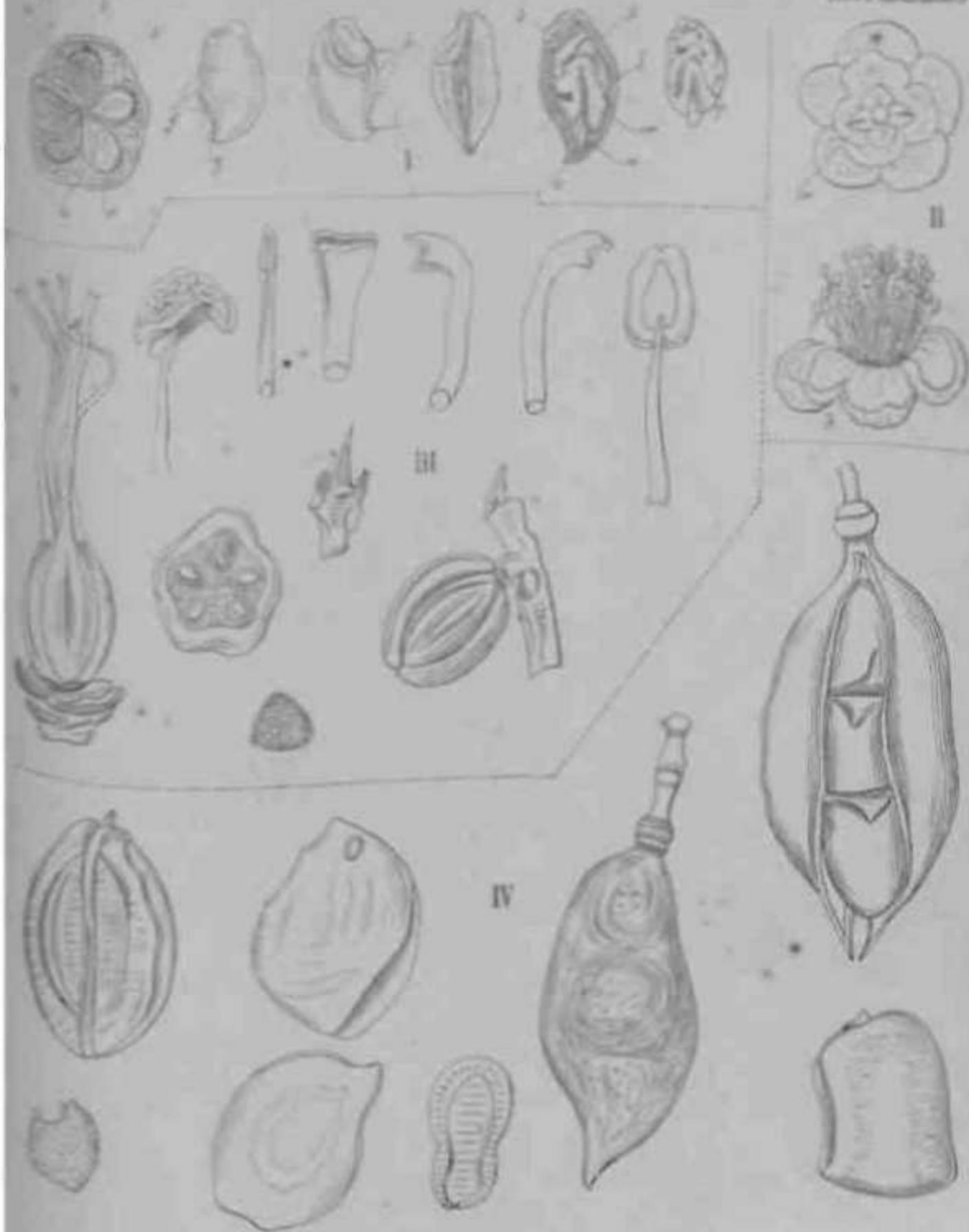
C

II

in Camellia. Prop. to the Camellia L. ssp.



Camellia Kue Rockae



In *Camellia Thunbergii* Eymar's *Burringtoniana* in *Dalhousiae*



Ternstroemia



11. *Hyptium r. v. Passiflora*.

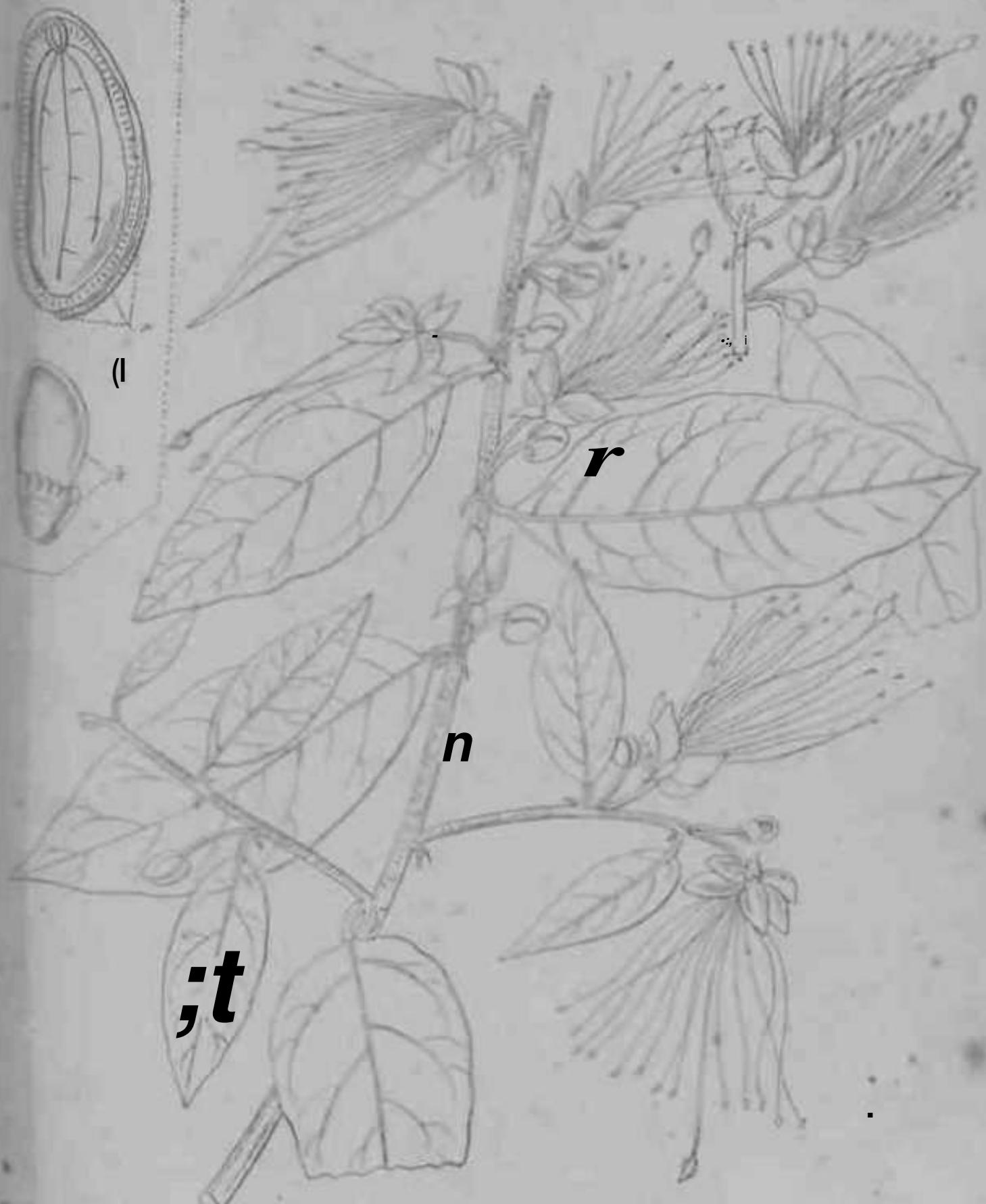


Riccia Lindb.

L.-Plat. Acet. PLBO



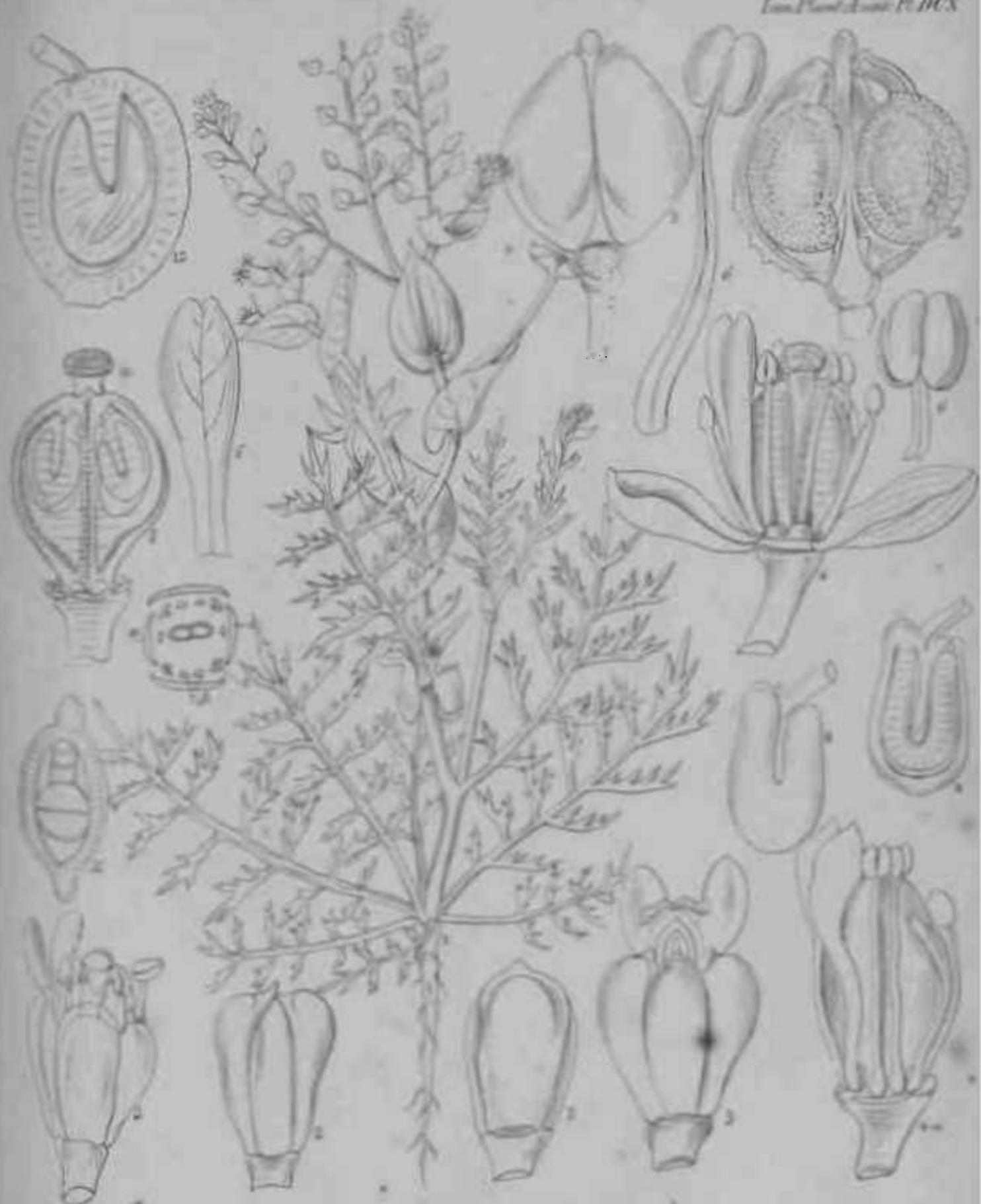
Rigidia punctata L. Vicia



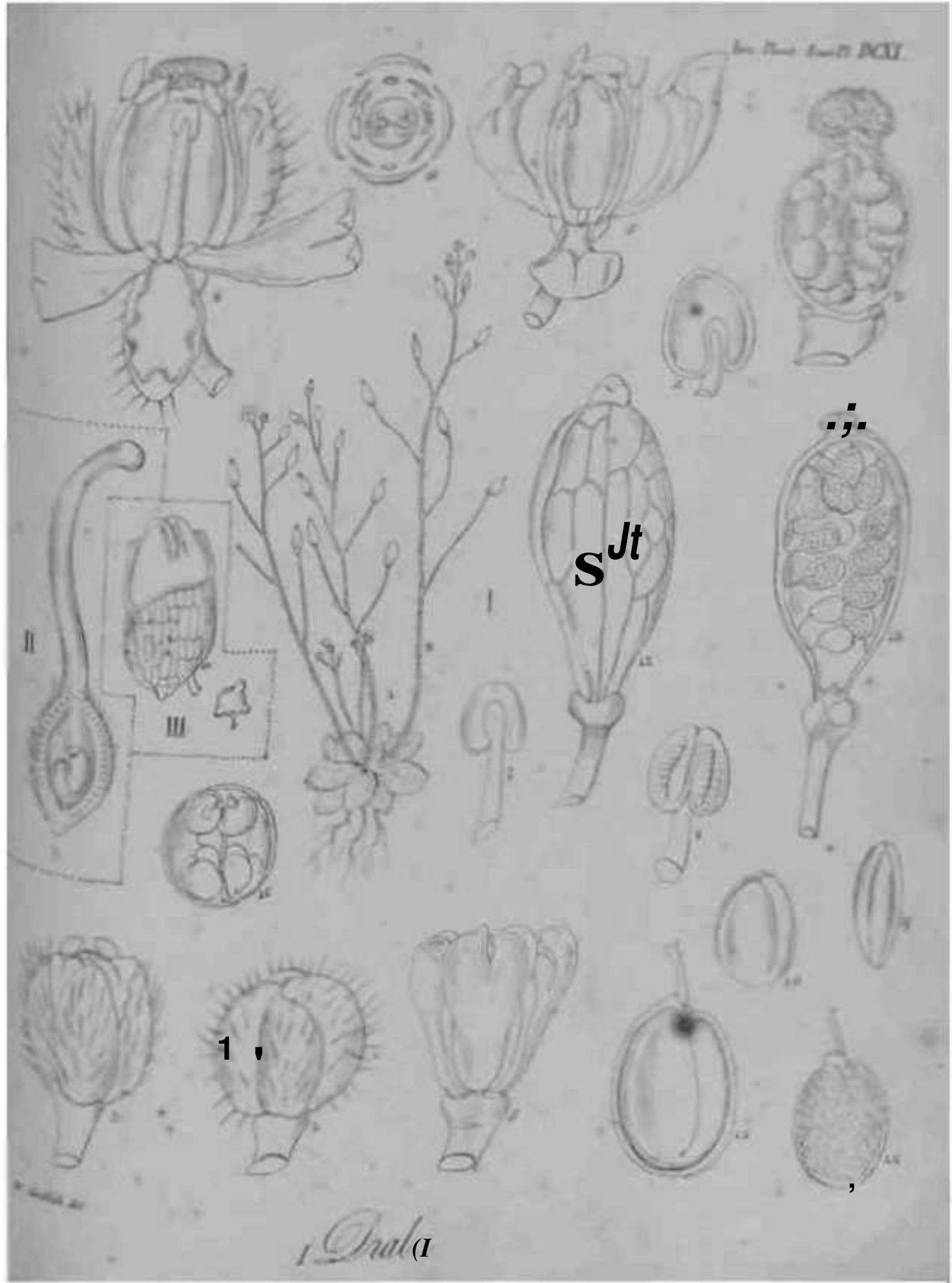
Capparis ♀

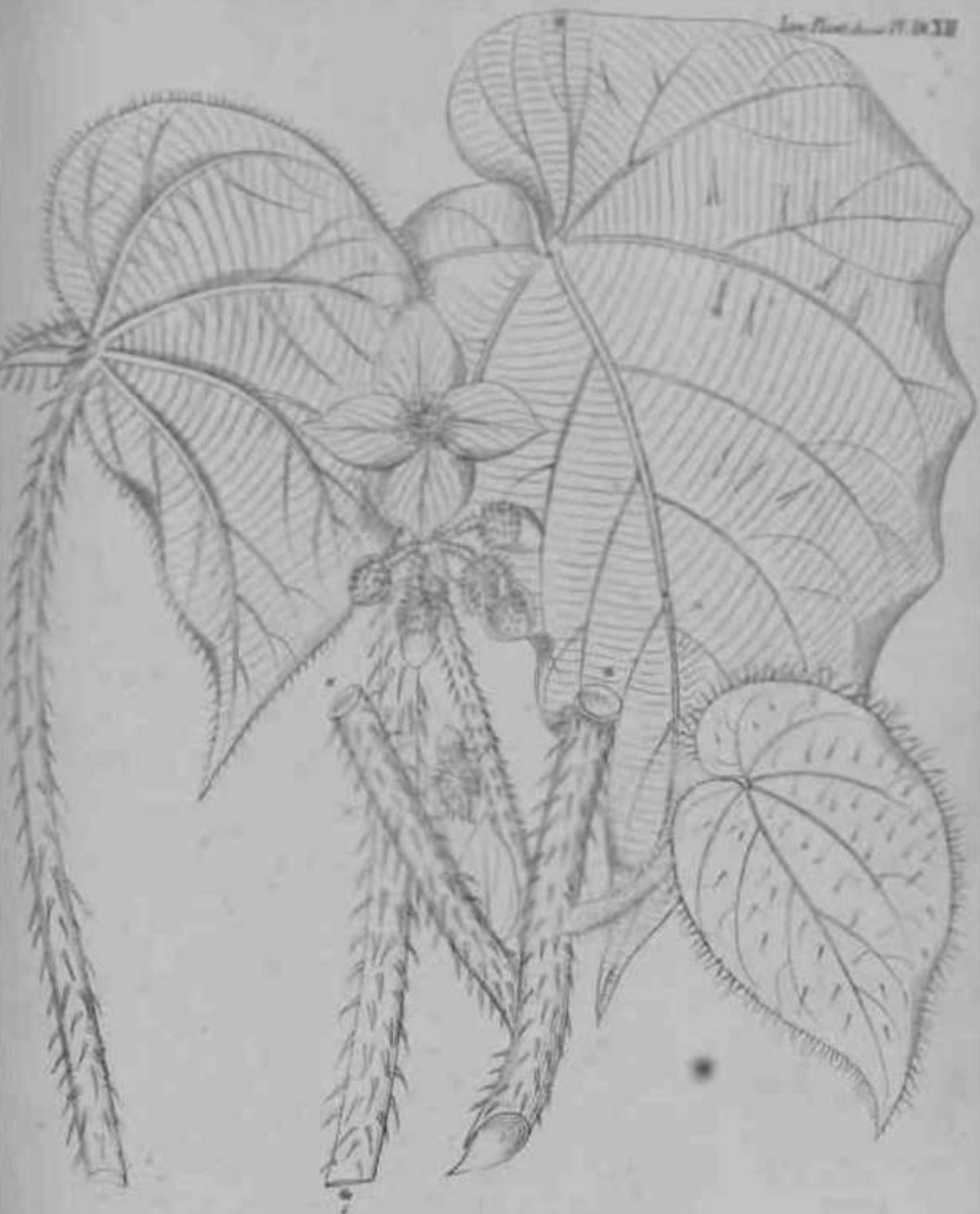


Hayneanthus Mayne

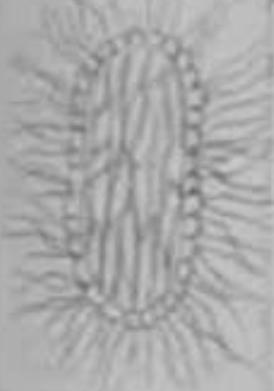


Taucheria

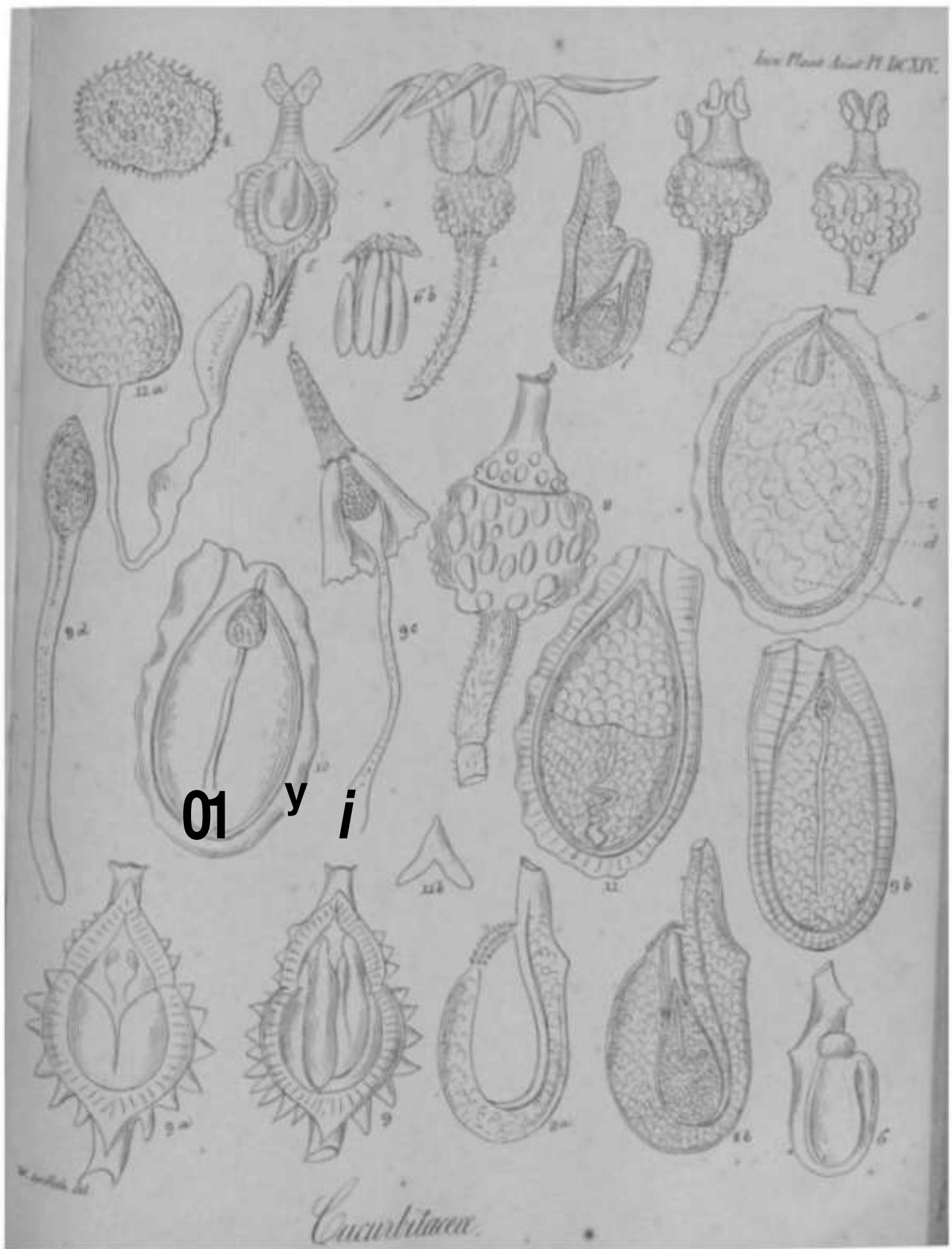




Begonia sp.

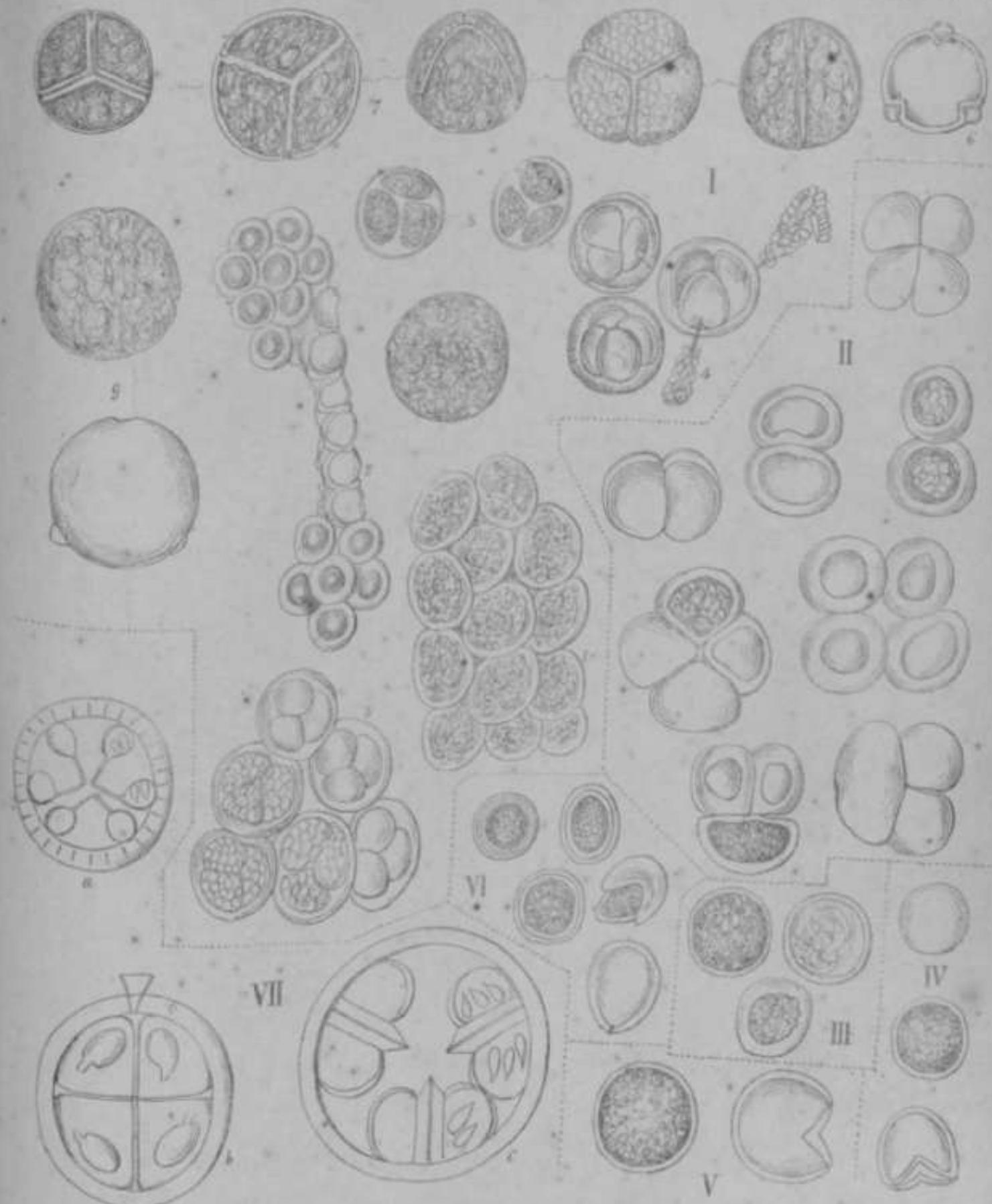


Humalina.





Ctenophora.



Cucurbitaceae

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VI

III

Cuadricula

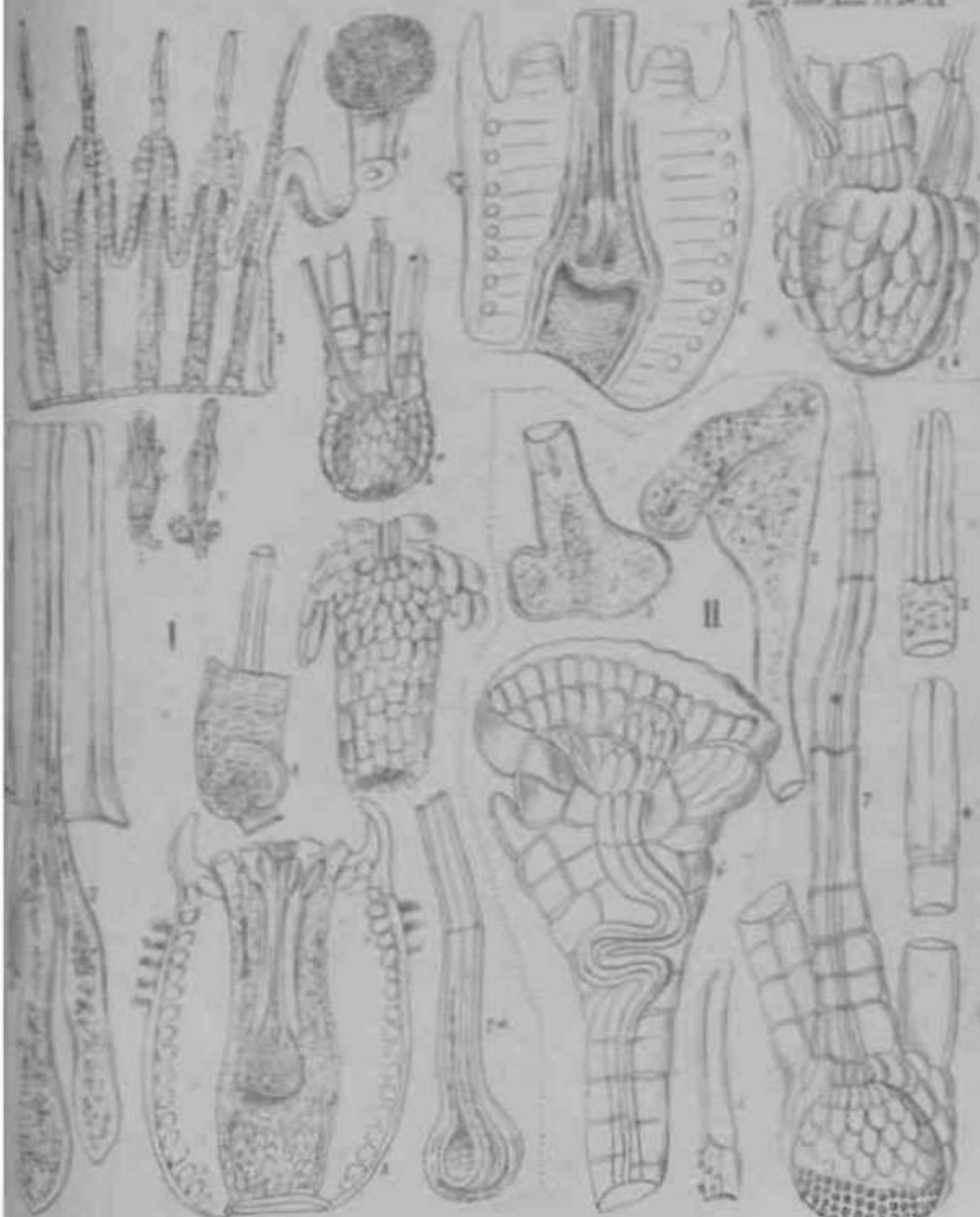
Long Fls. June 27 1820



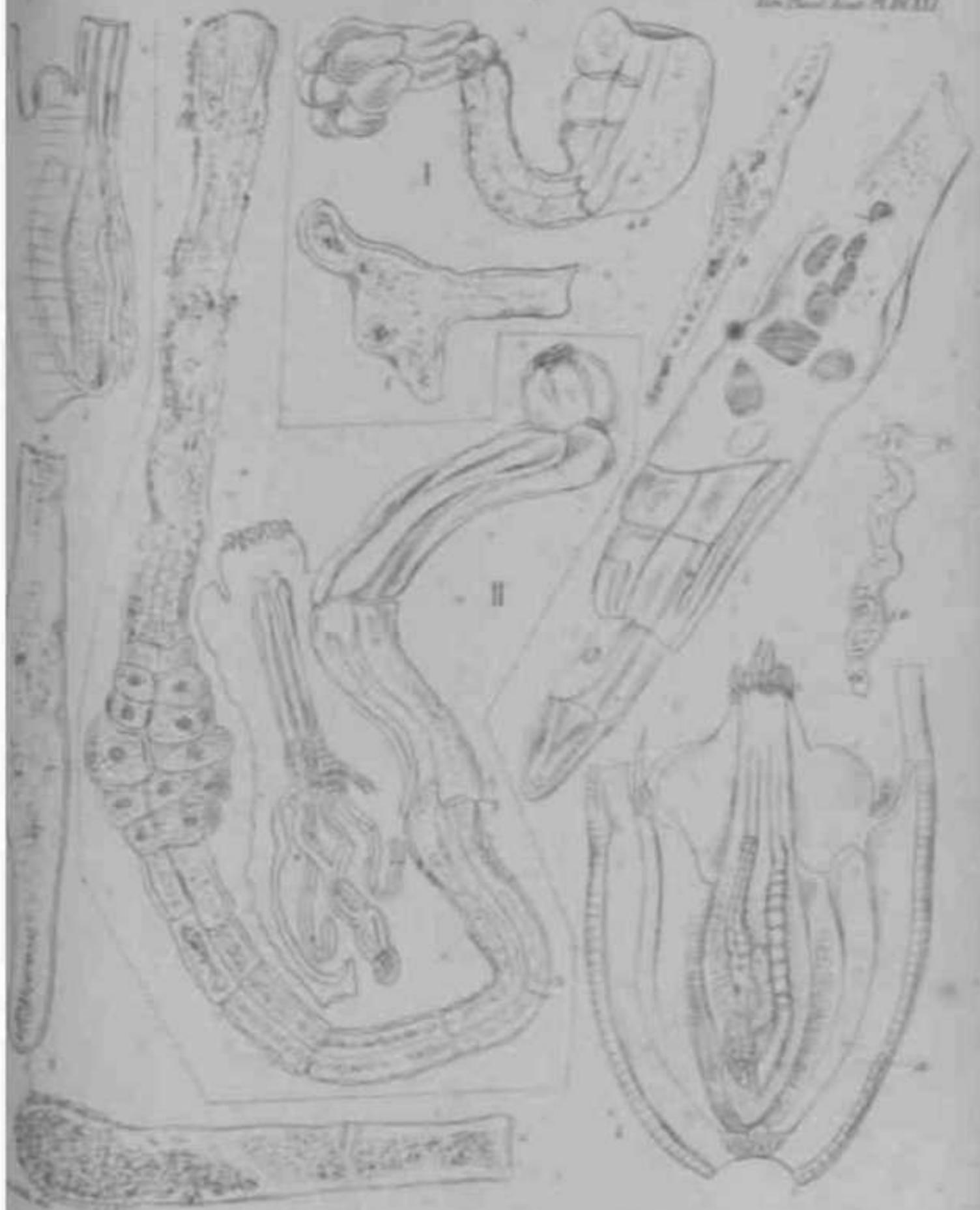
Louranthus laevis



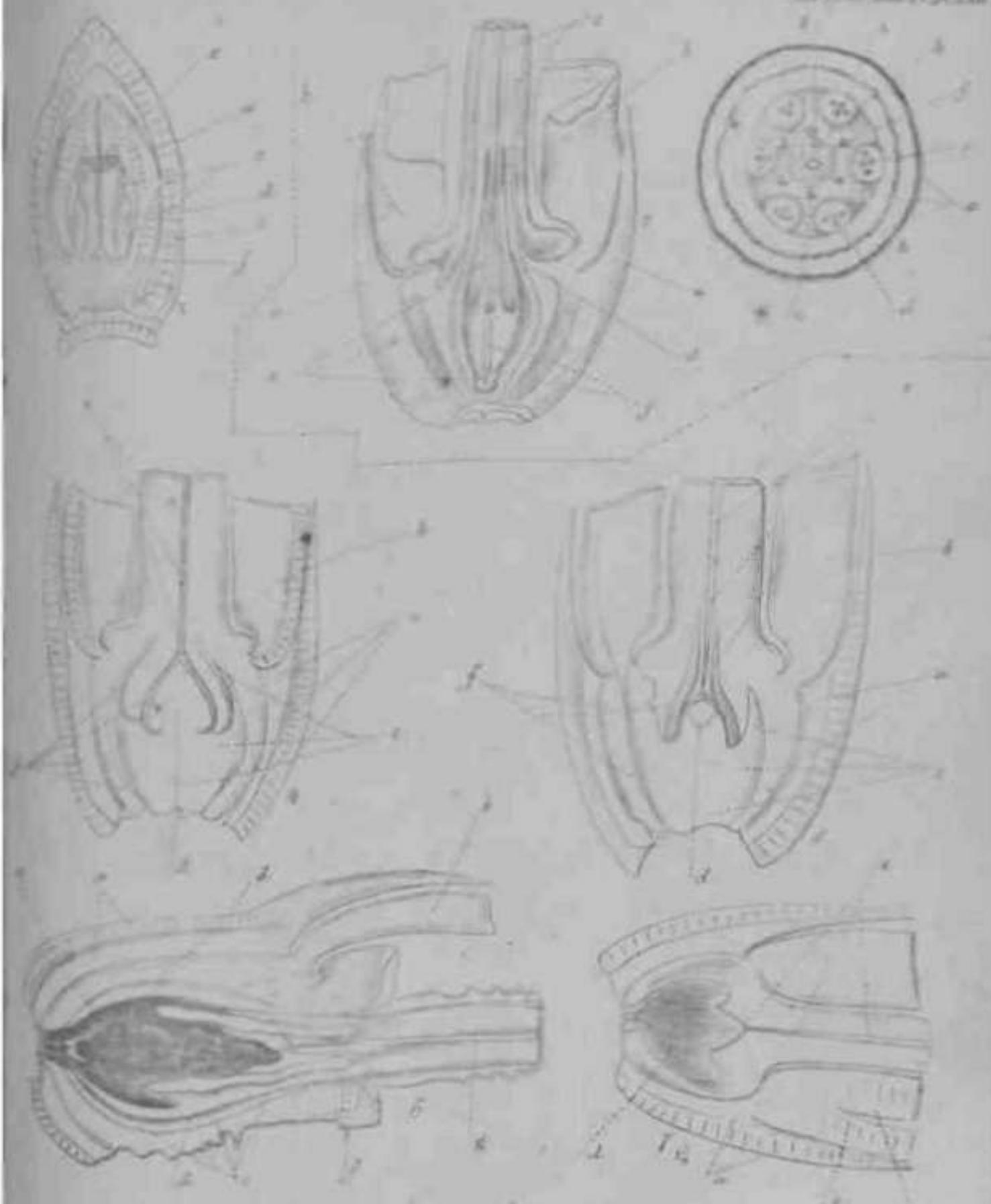
Scrophularia longiflora & *Salacia myrtifolia*



• *Geraniiaceae*



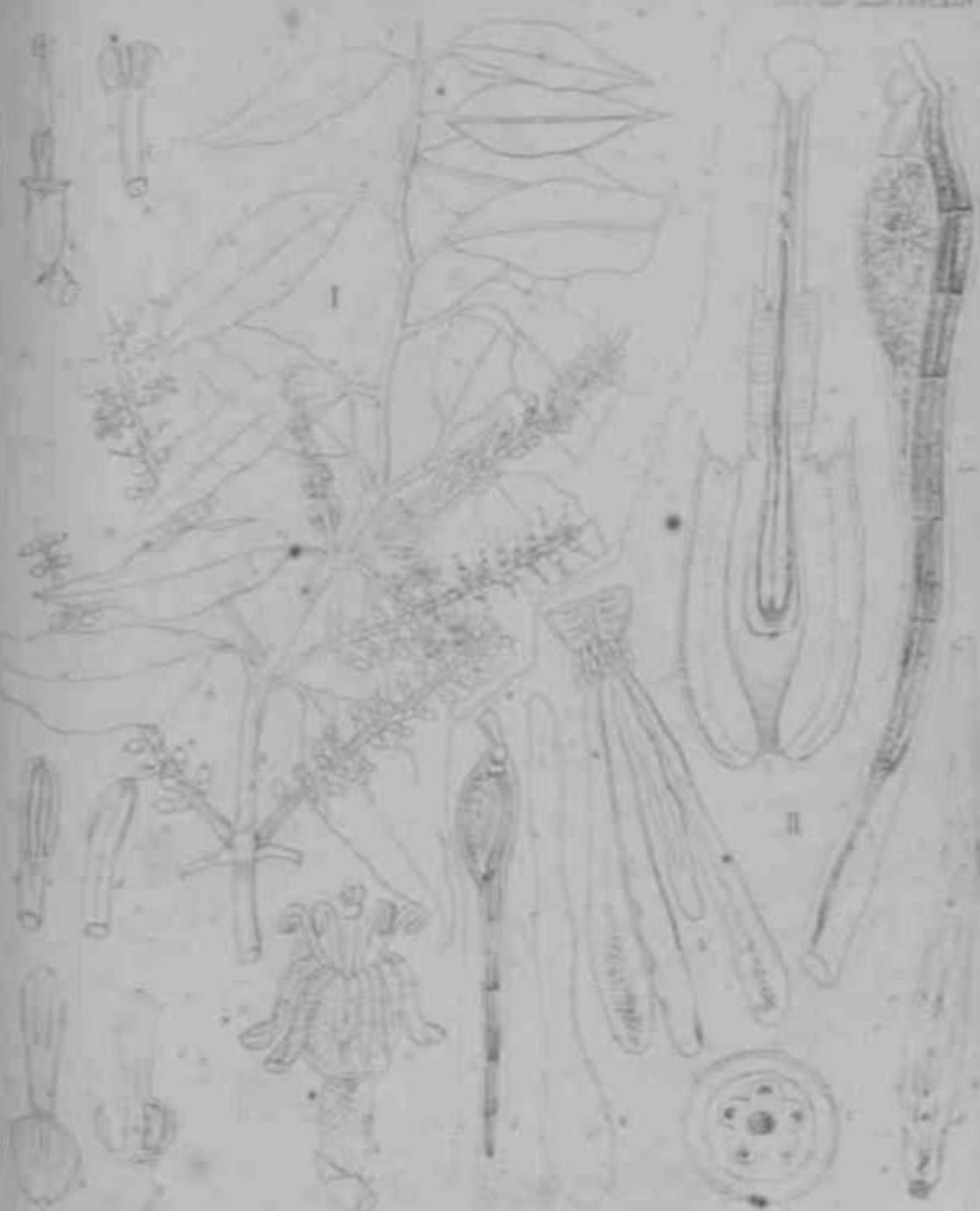
Laurus nobilis



Leontinus L. f.



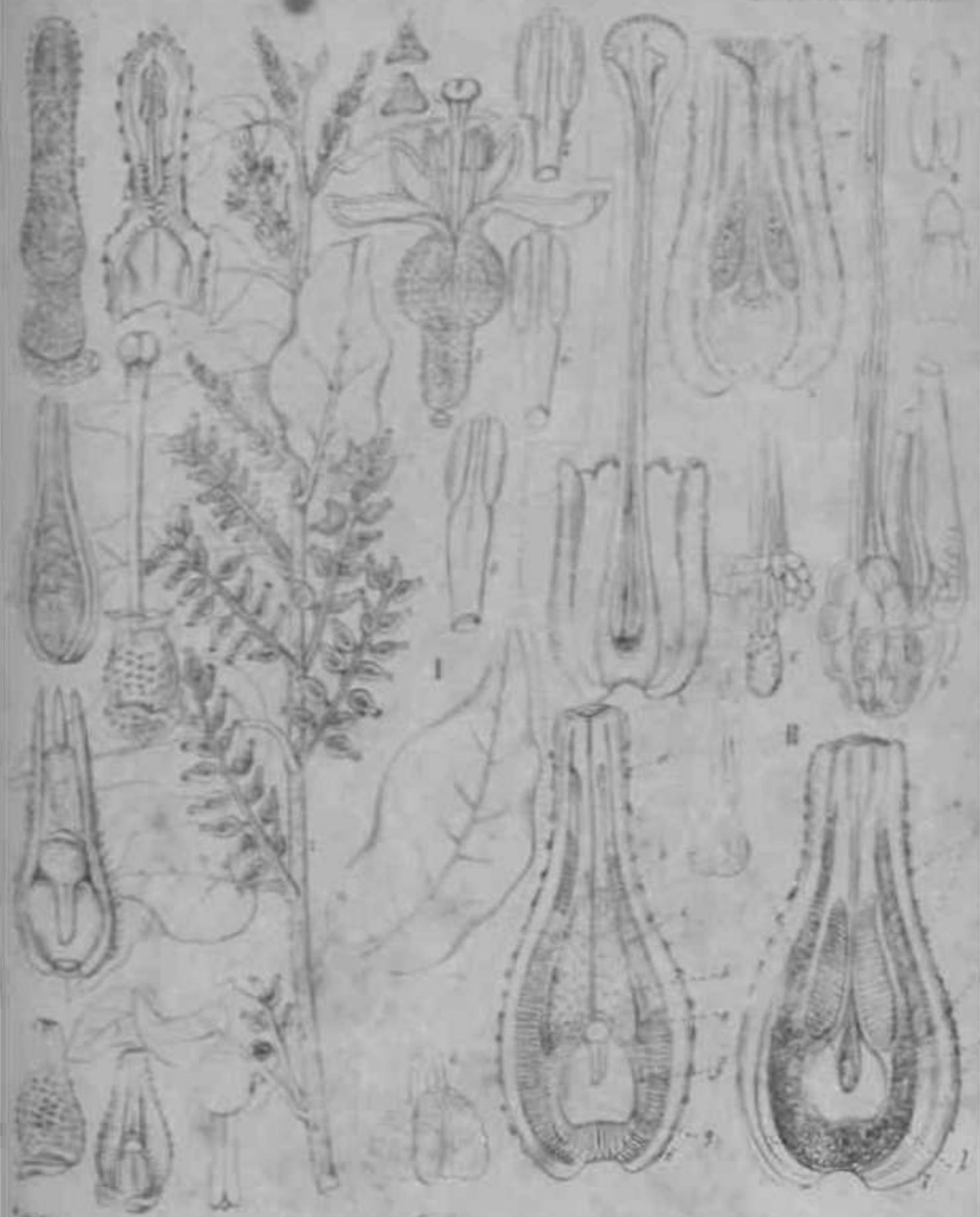
Lomatium nudicaule



Teucrium polium

Loranthus *parlatorei*

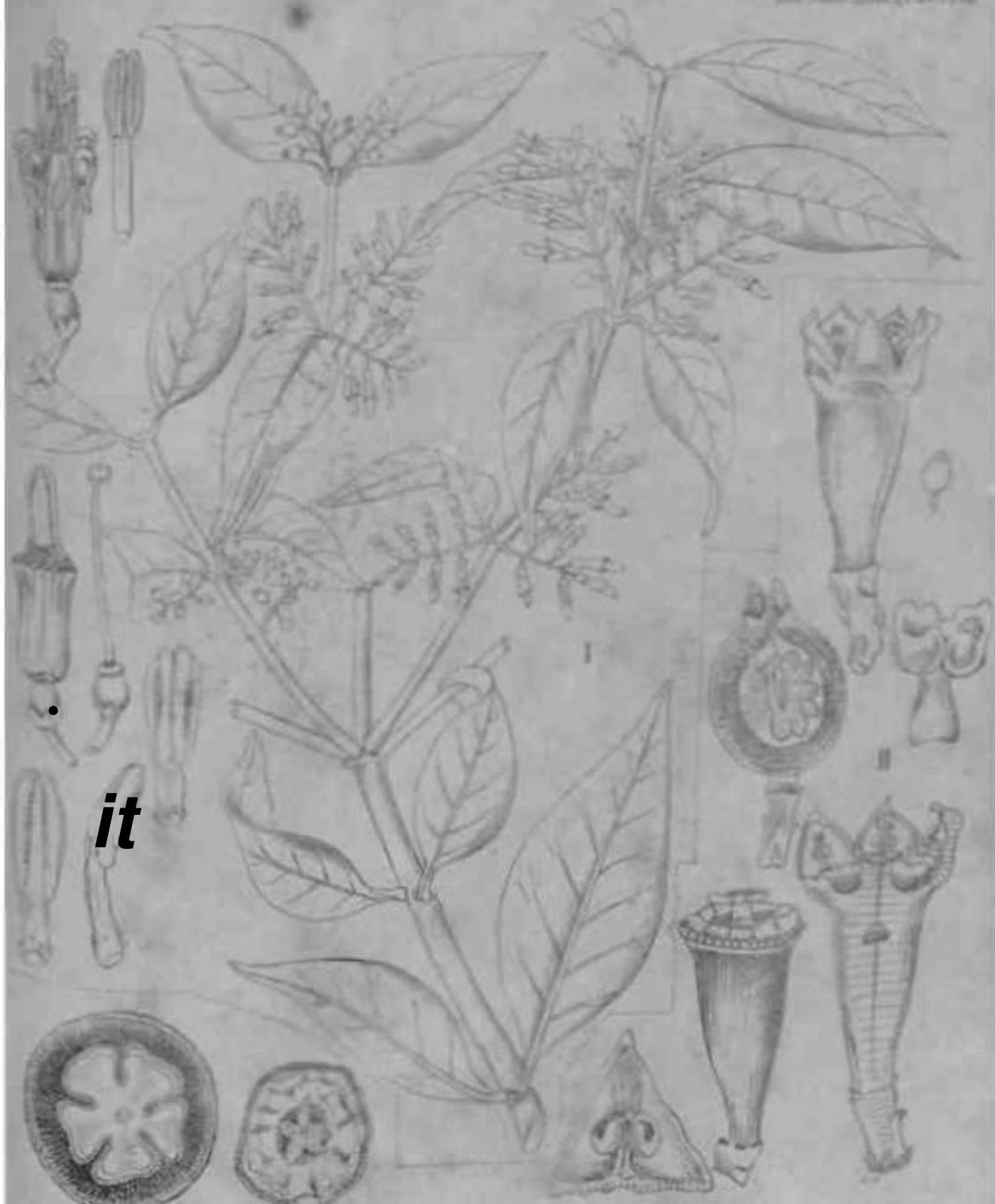
See Plate from H. D. IV.



Teucrium canadense

it

J₄ *Gomphthus elatus*



See Plate and P. 112



Medicago sativa

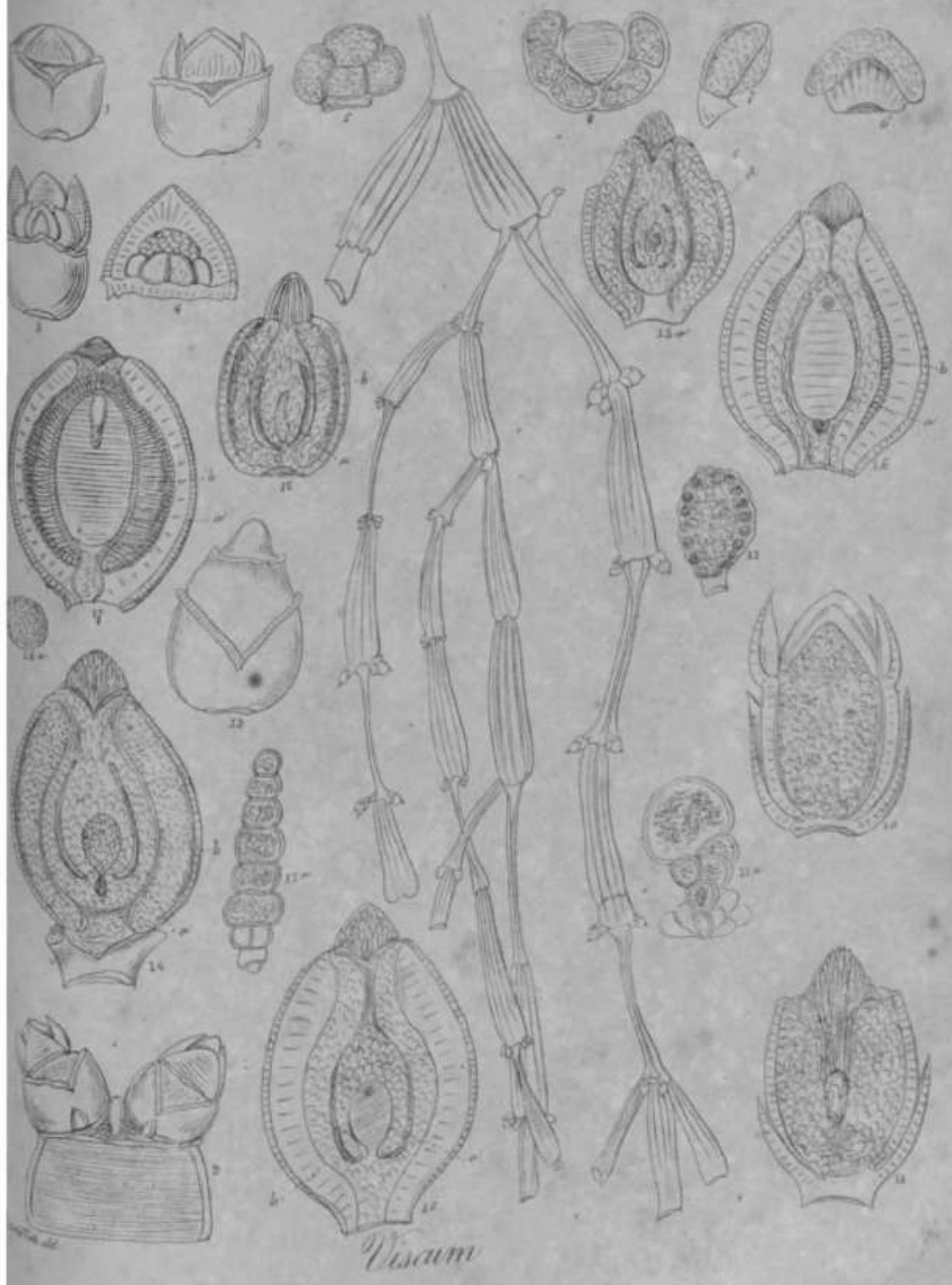


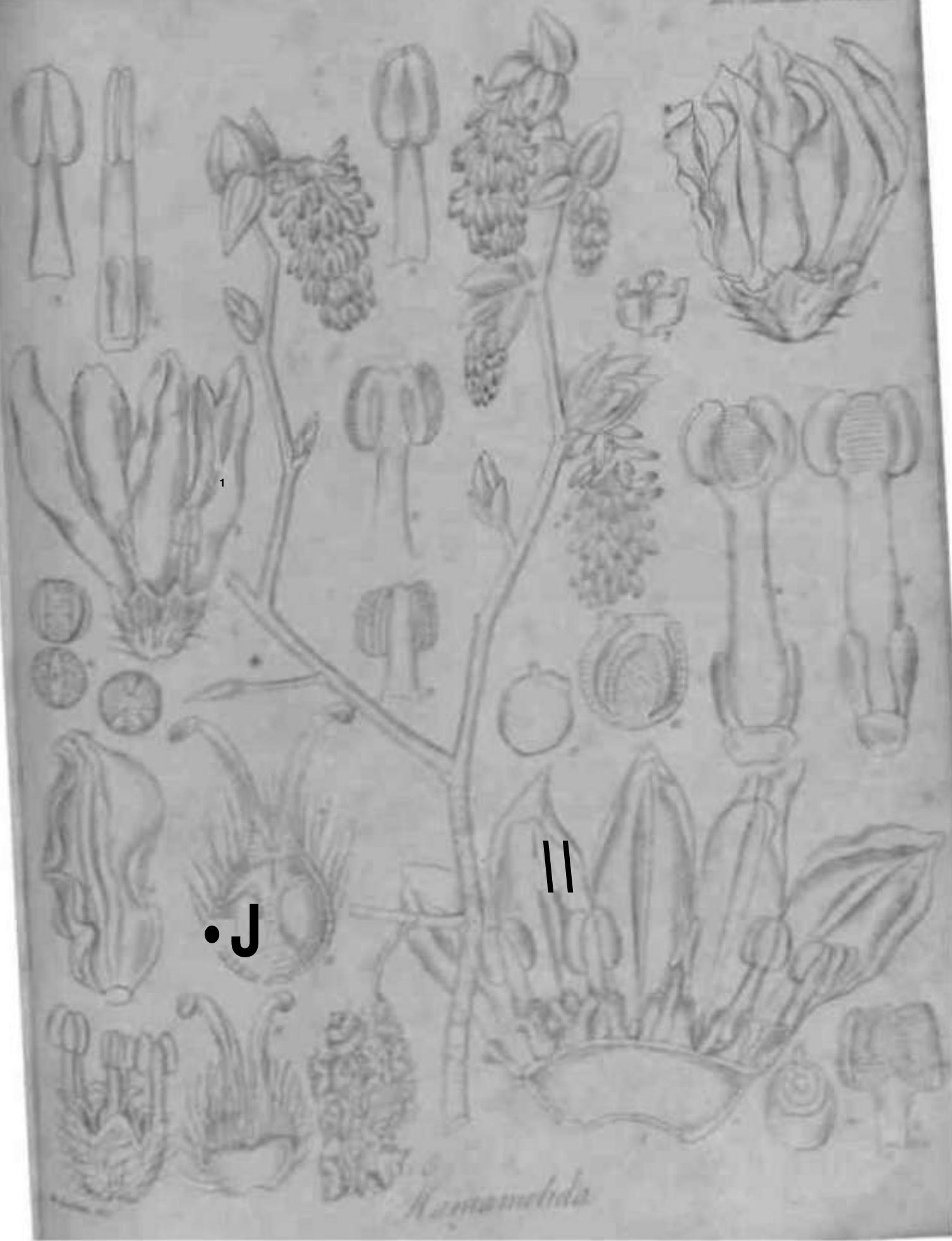
Schaffneria sp.



Uscum



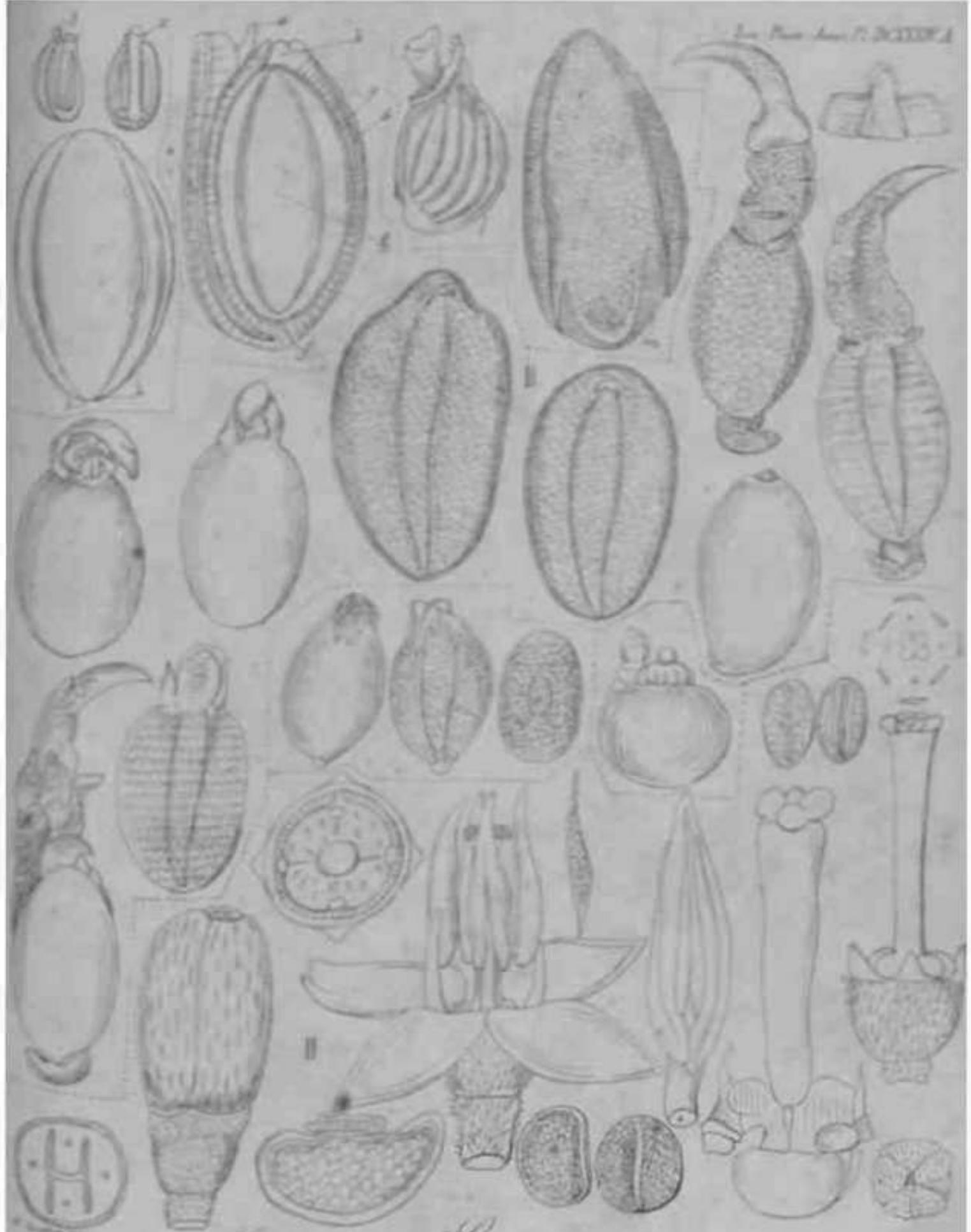


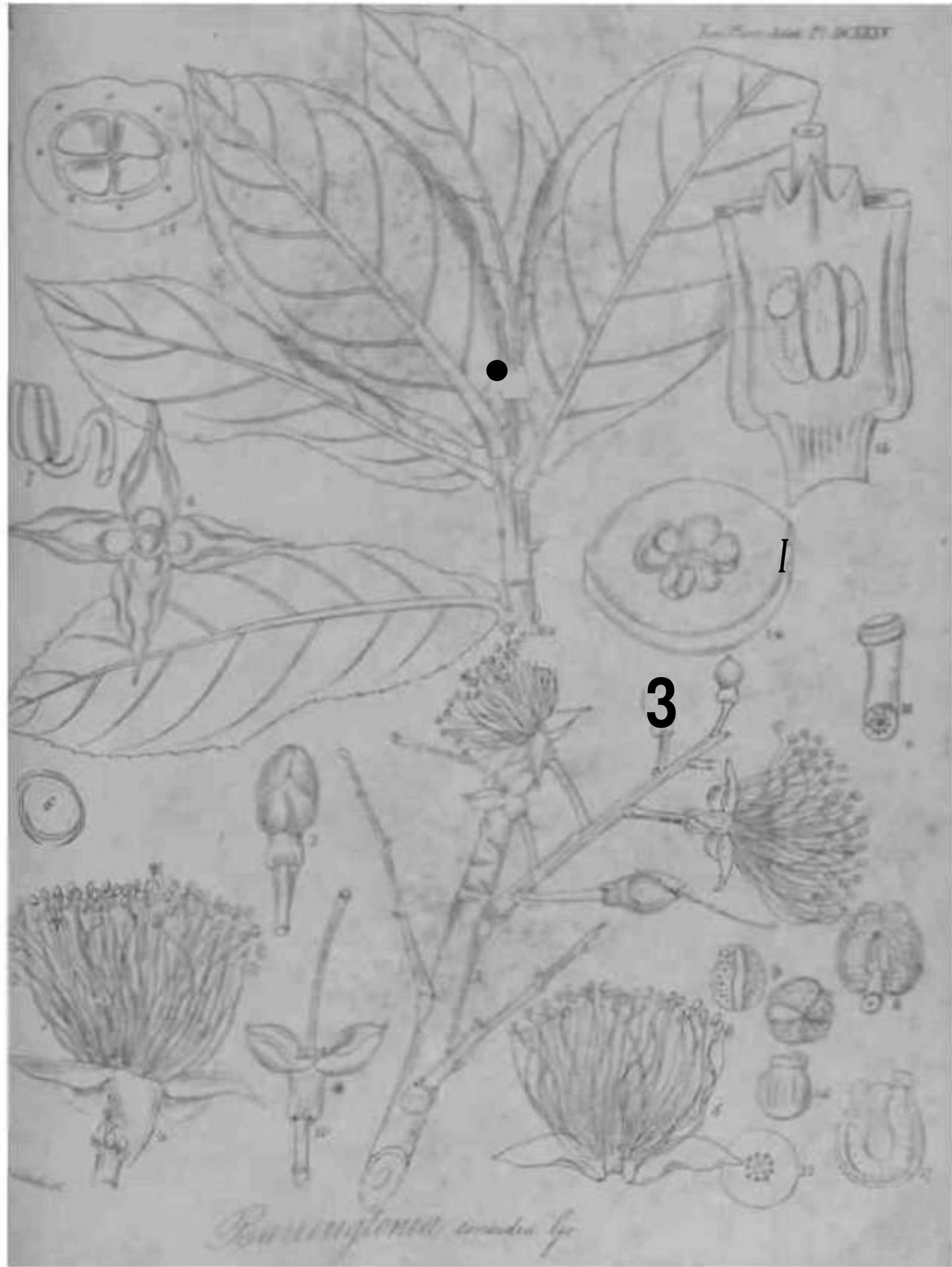


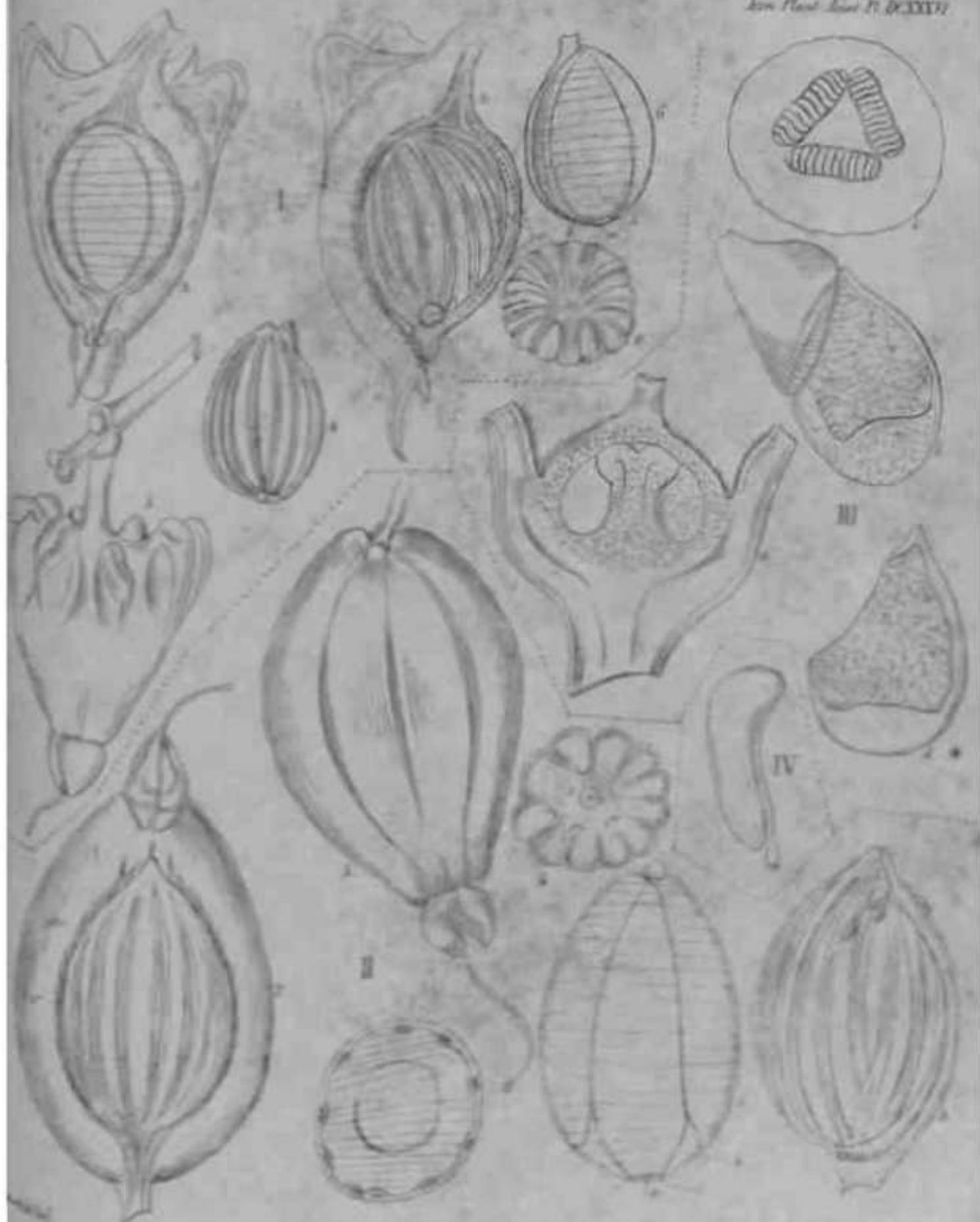


See Plate from P. BRONNII

Ceratodon i Cernu.





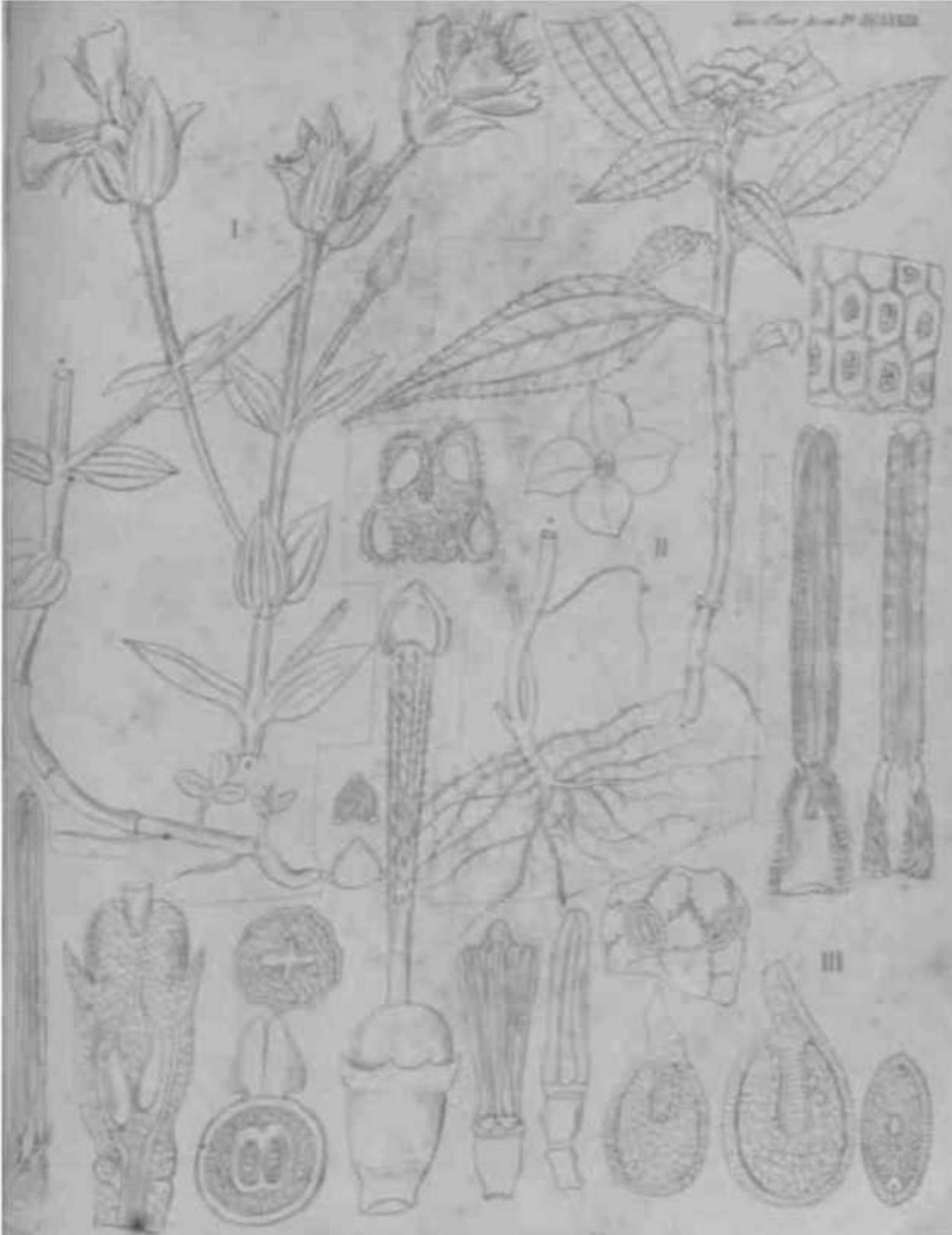


I. *Bromus tectorum* var. *griseo-paniceus* R.

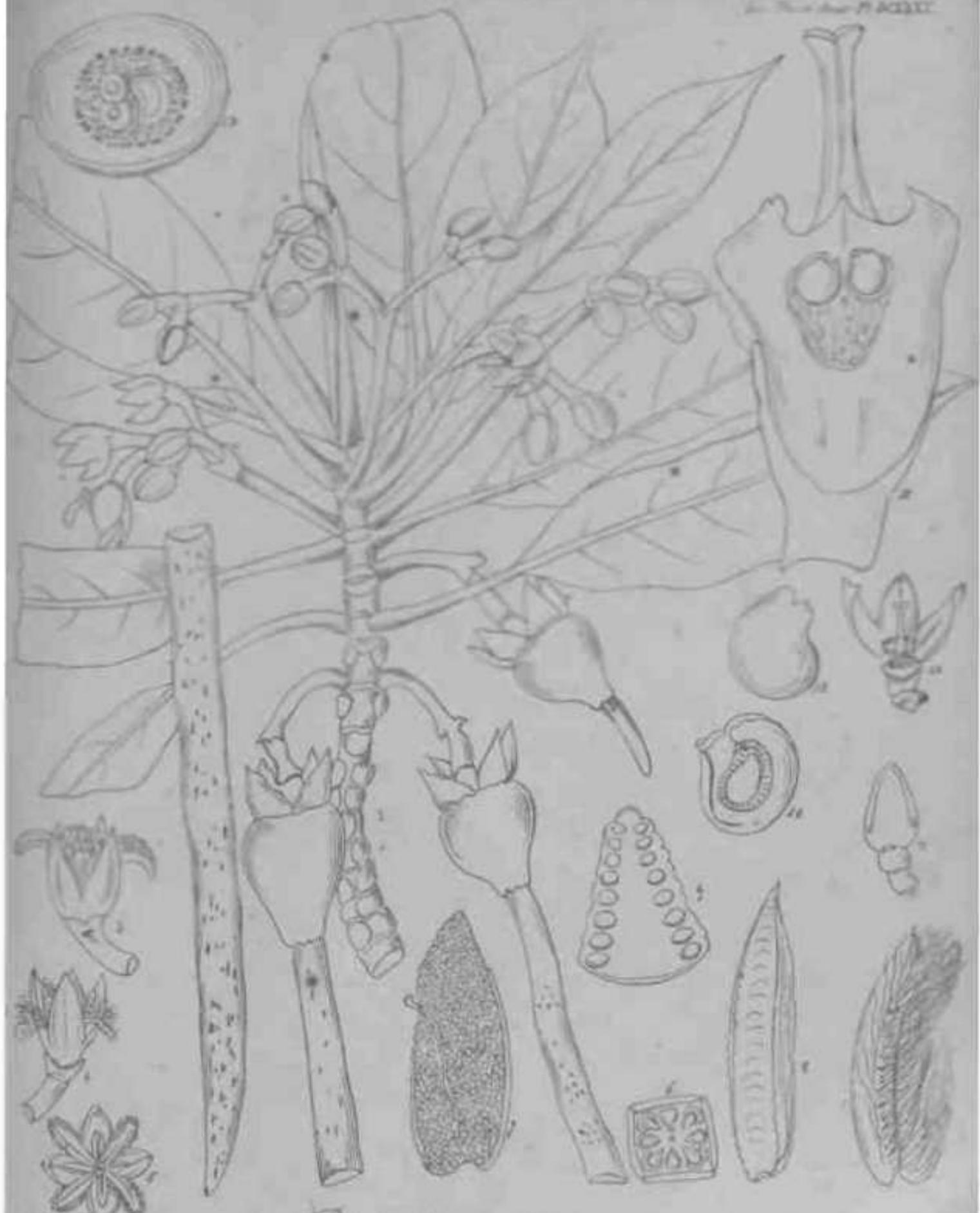




Melastomaceae

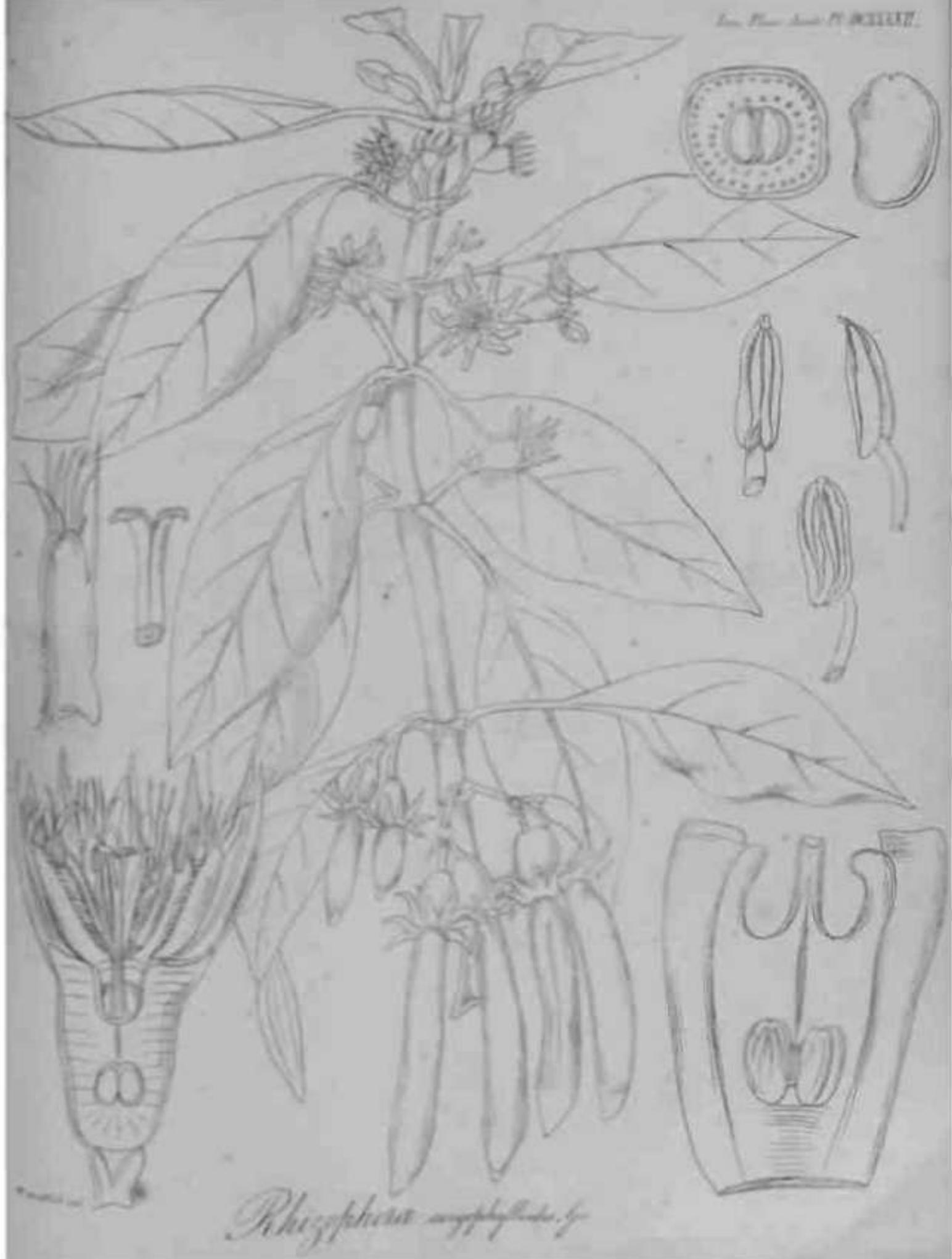


I Adonis vernalis L. Martia fig. 163.



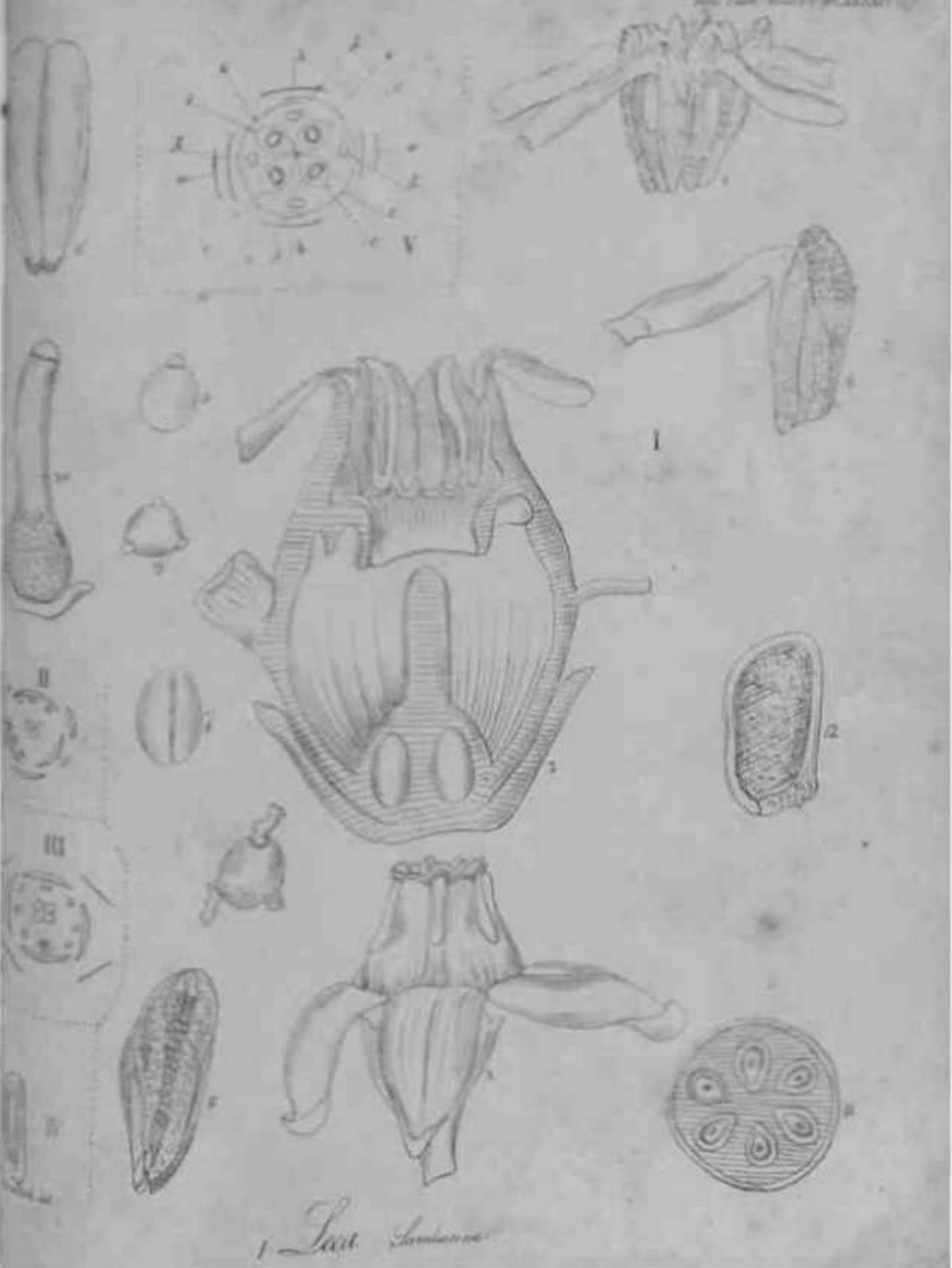
Rhizophora Syring







Combretum sp.



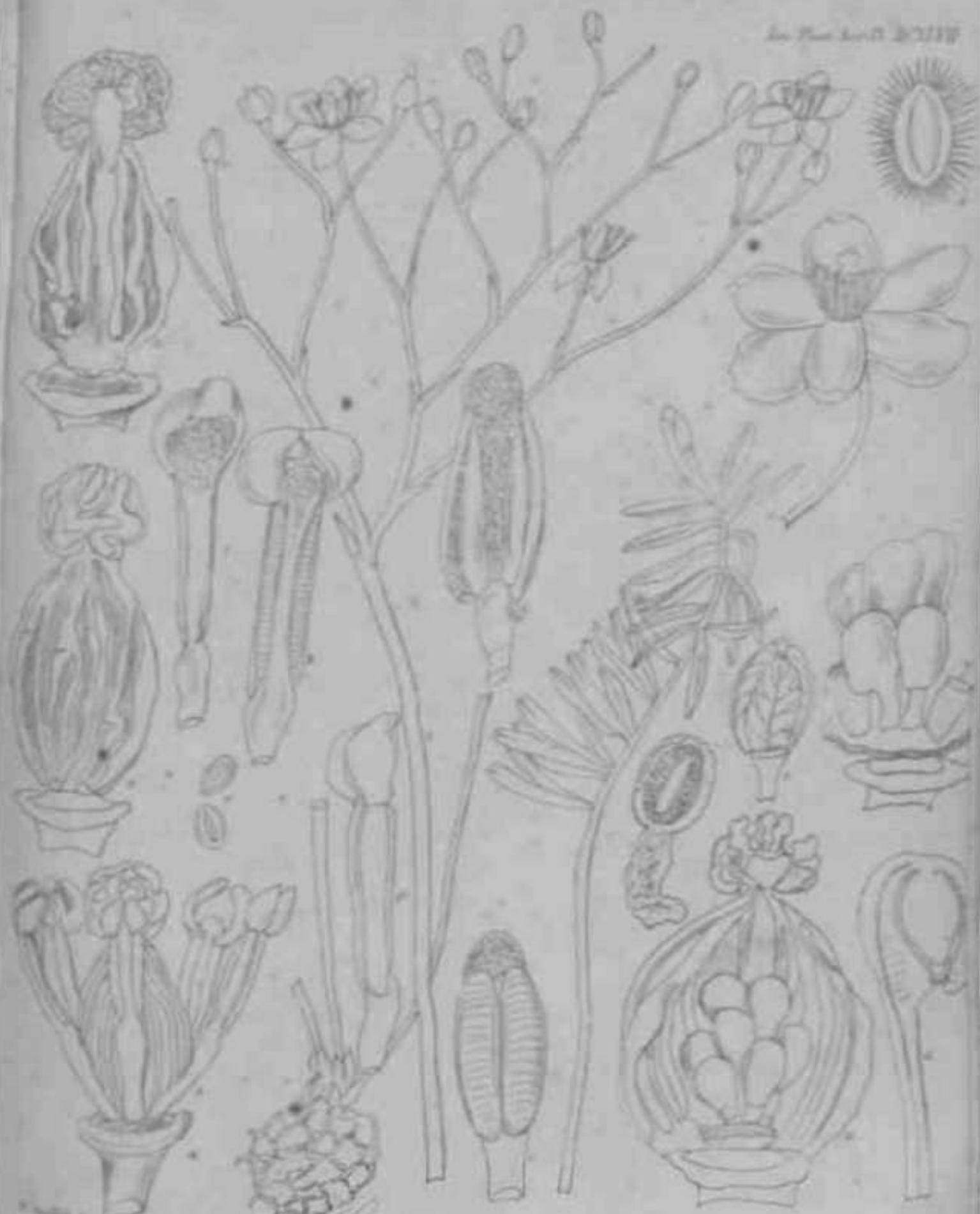


Lummitzera



J1

(*Emblema* ssp. *flavum*)



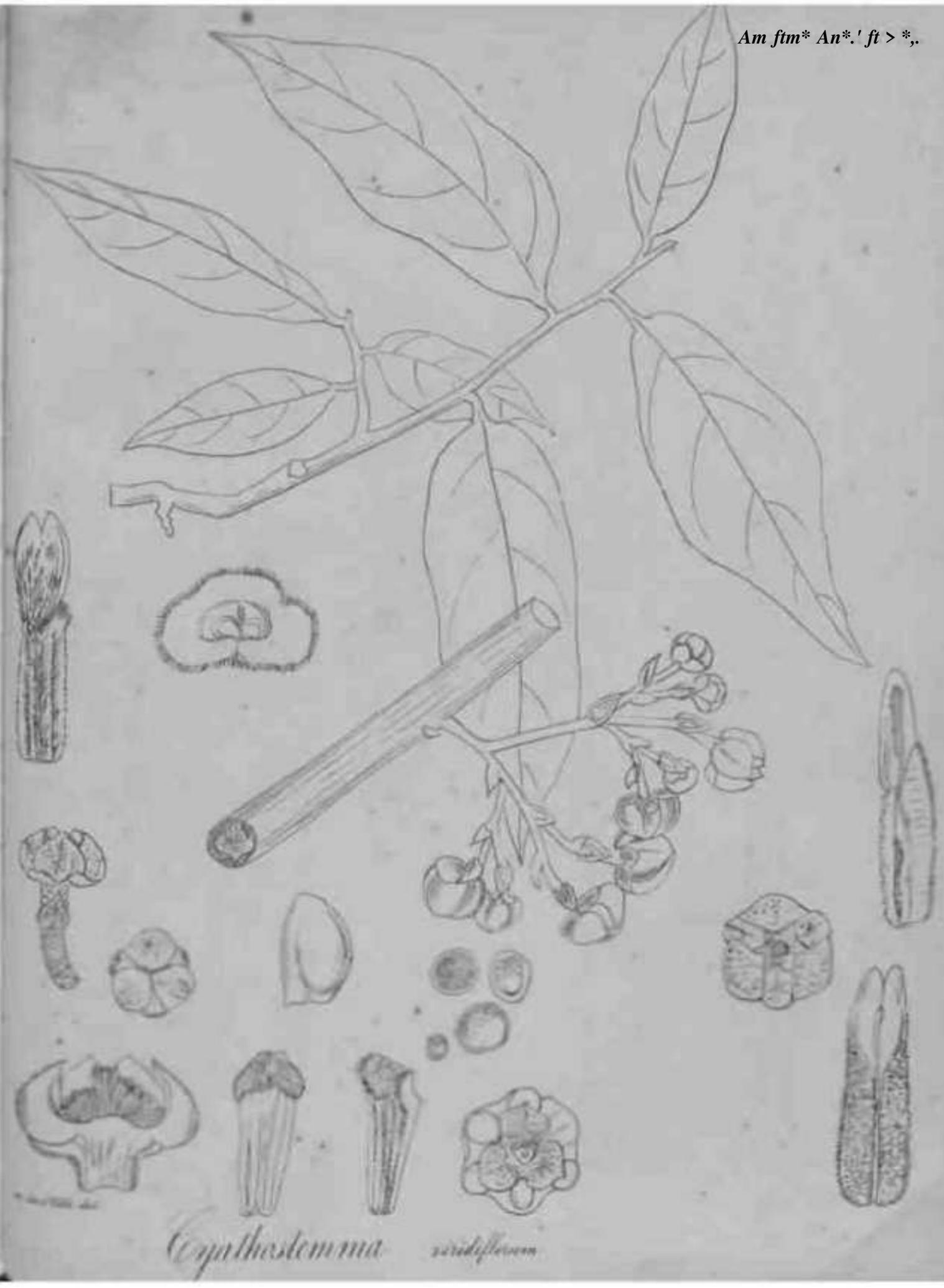
Leonitia secunda f.

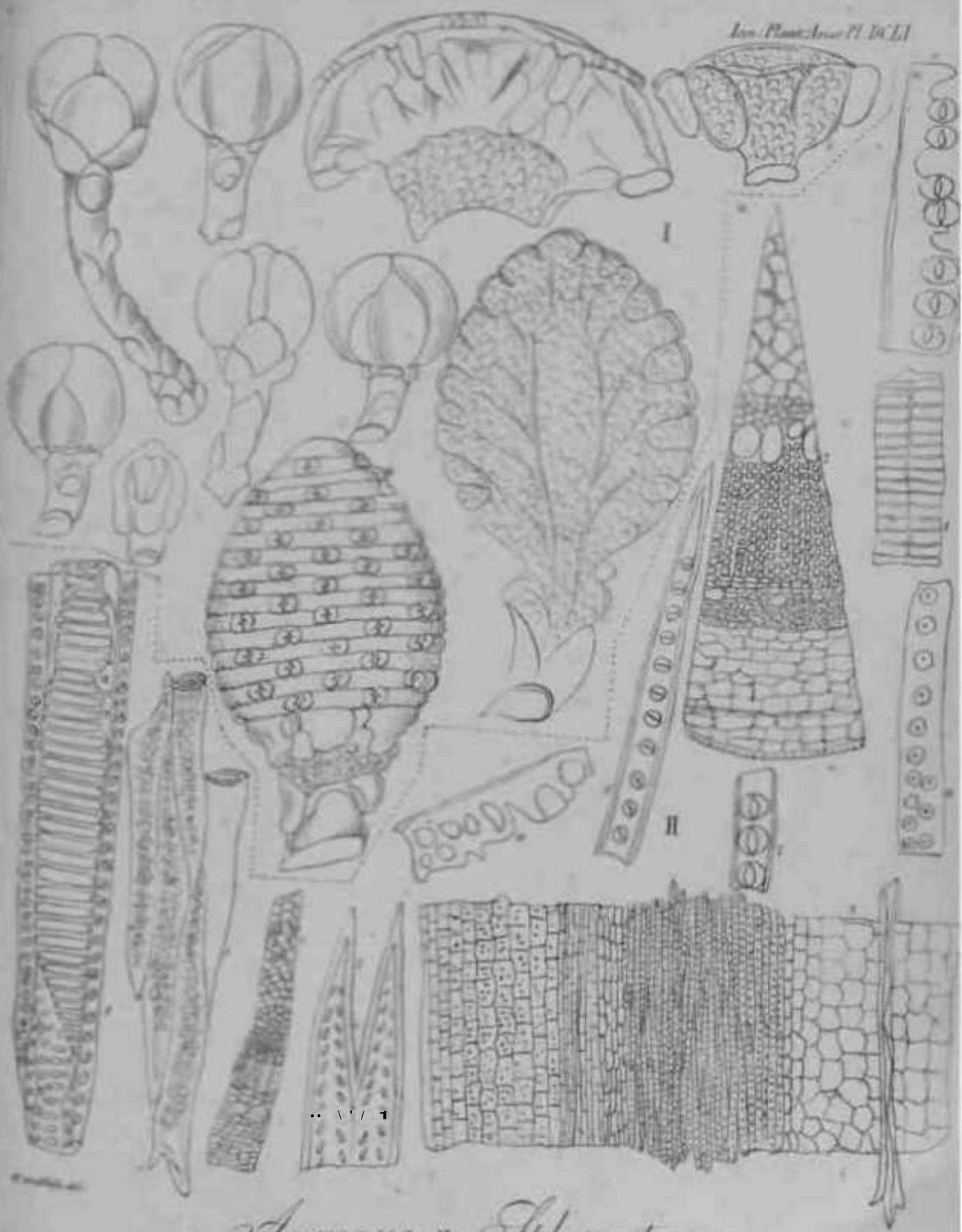


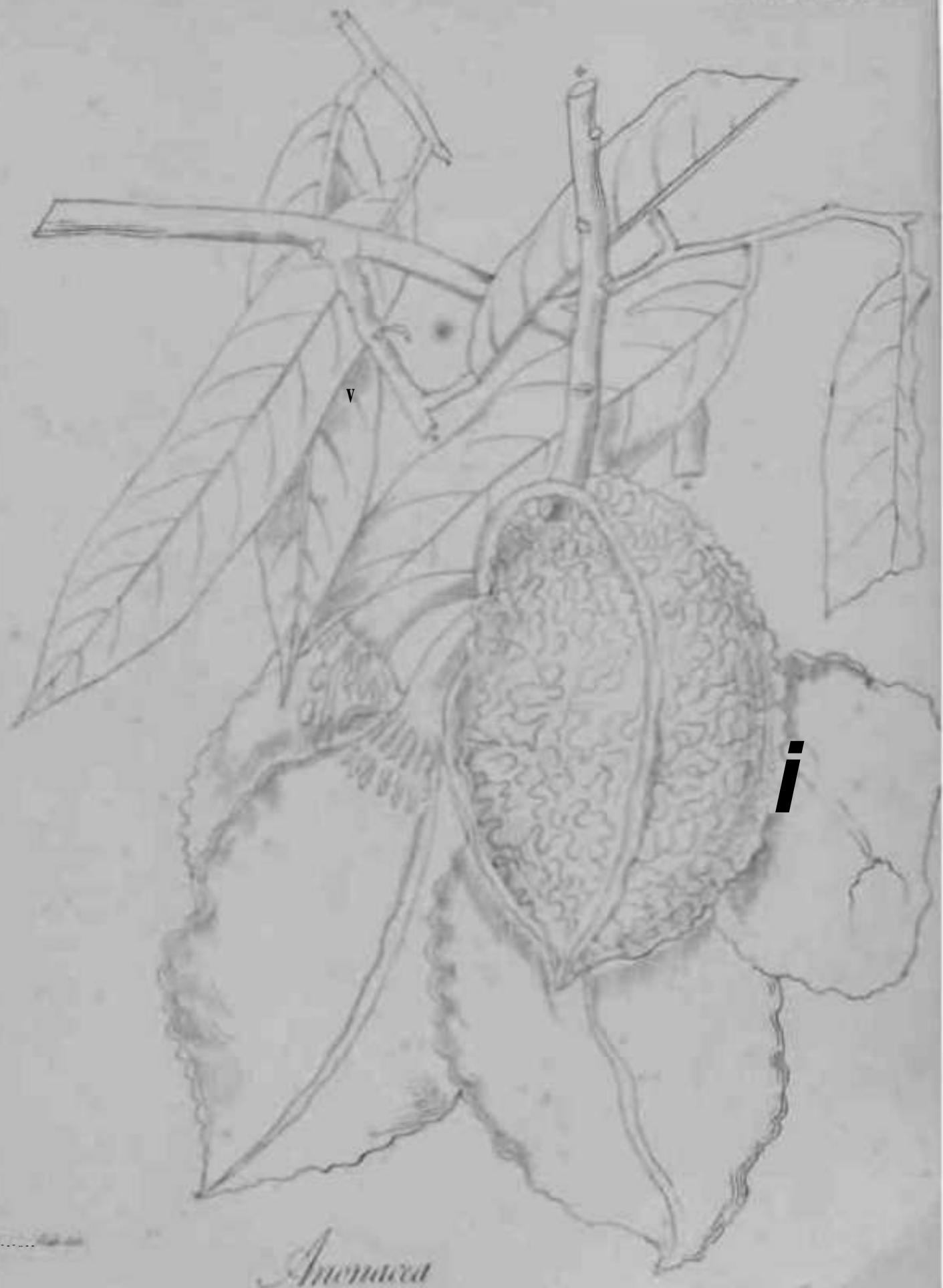
Berula ... Vr-



Am ftm An*. 'ft > *,.*









*tL*r .tcmt i? mm*



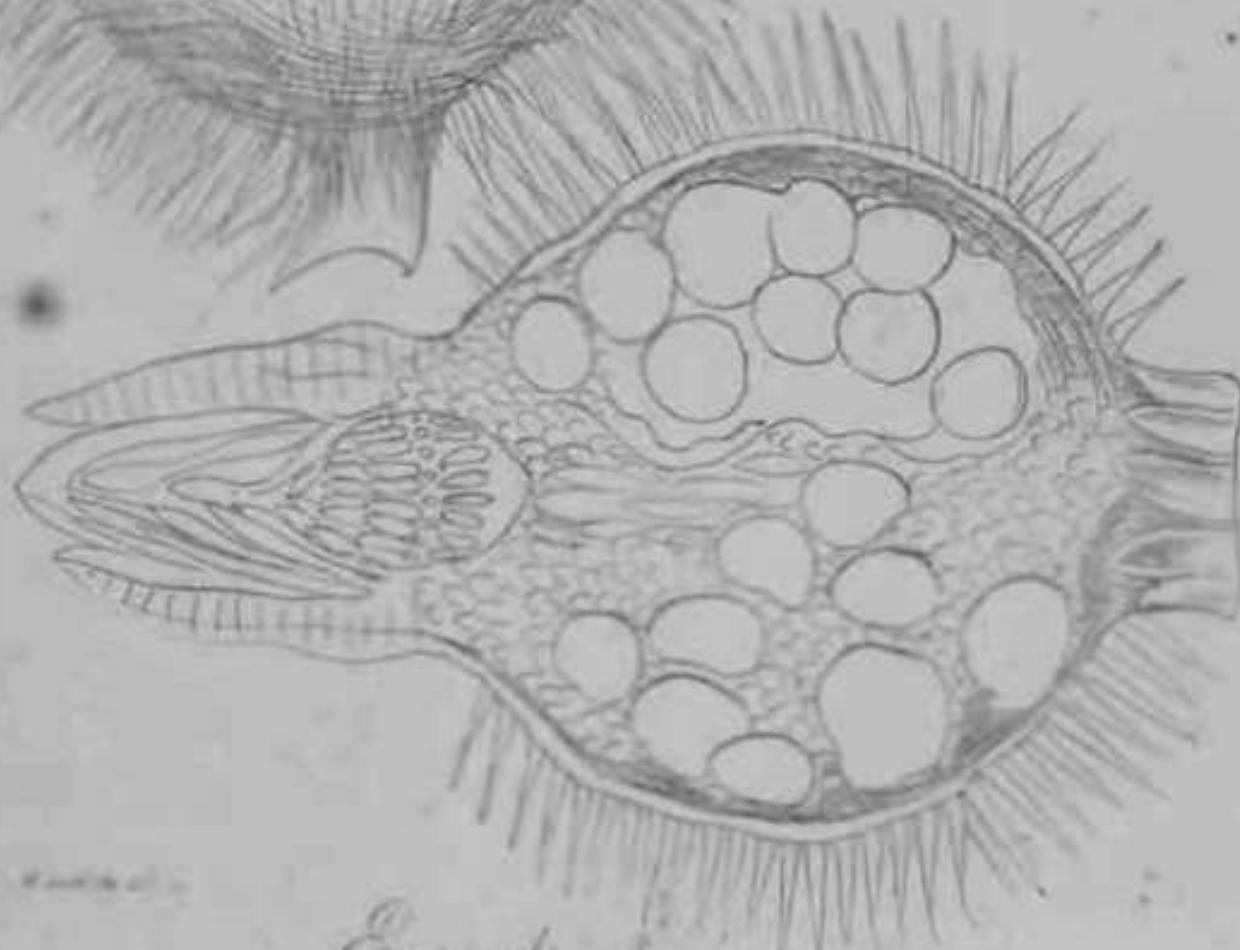
See 7X and Annex PLATE 23



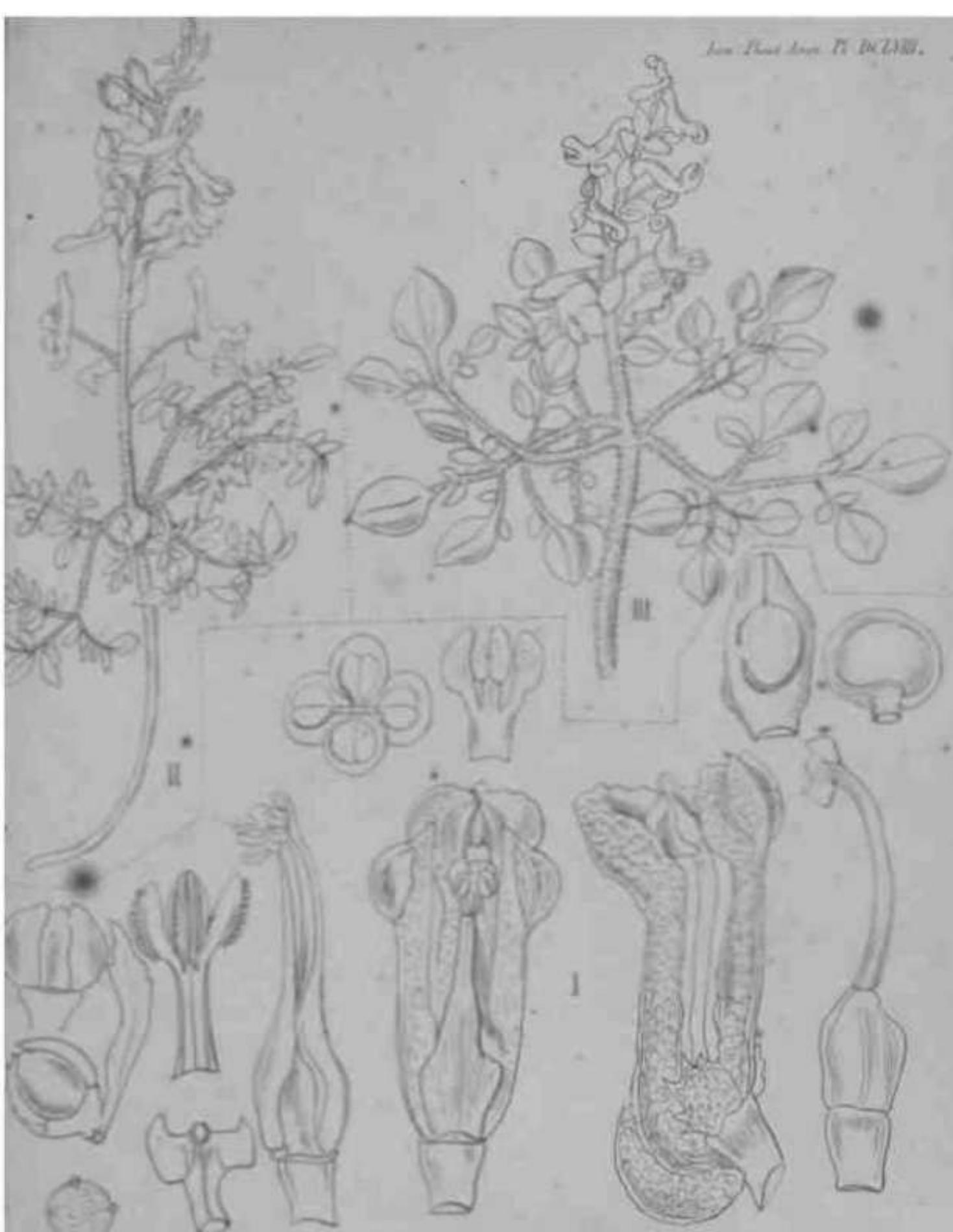
See Plate from PLANTS



Magnolia



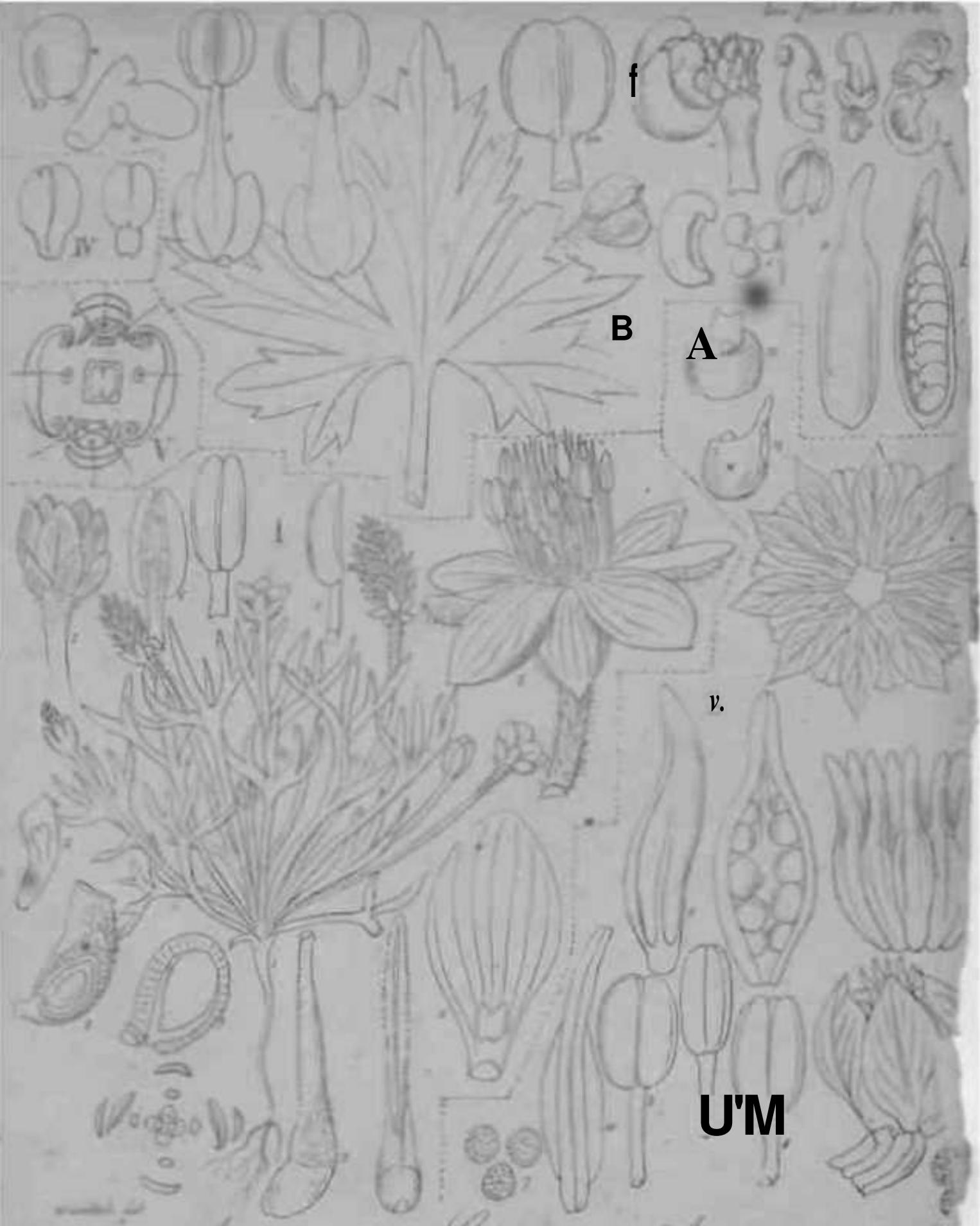
Euryale ferox



Tumaria sp. n. Crysanthis.



Hypericum



1. An. 2. Cephaelis tetrandra Avenitum
VMJ!

X

Ranunculi sp.