

ANNALS  
of the  
ROYAL BOTANIC GARDEN, CALCUTTA.

VOL. VIII. Pt. • III

THE  
ORCHIDS OF THE SIKKIM-HIMALAYA.

By  
ING AND R. PANTLING.

PART III.—PLATES OF EPIDENDREAE AND VANDEAE.

PART IV.—PLATES OF LISTEREAE, GOODYEREAES, CYPRIPEDEAE AND CYPRIPEDIEAE.

Annals of the Royal  
Botanic Garden,  
Calcutta.  
1898  
Vol.VIII.Pt.III

£5.

S. LE & CO., 1898.  
LE & CO., U, PIRLIMENT STREET, 1-JZAC S  
A, ArtNOLD, 37, BEDRORD STREET, SEWARD.

1898.







Drawn by R. Panting

CHRYSSANTHEMUM MACROPHYLLUM var. longistylis  
BILYTHOSA MACROPHYLLA i:ioK i ruiii:B<sub>S</sub>.

Litt by A. C. Muirhead.



Drawn by Dr. W. D. King.

OECEOCLADES FOLIOSA

: n. 1 ... 31

Lith. by A. C. Moore.









Drawn by H P.:

TAINIA HIMOR, Hook, fl.

Lm. 10 f. Ultra 8 I. C. 11

Digitized by f. S. T. Mouloua

Am. Jour. Bot., Vol. 5, PLATE 18.



Drawn by H. Fawcett

TATNIA LATIPOUA, Benth.

Drawn by Charles Fawcett



Hrwn V R. Peeling

Tech. by Oliver Sop. D.

'TANL'. HDOKERIANA Keng & Peeling



Drawn by R. Purdon

REPRED. -PHYLLUM CBAWD1PL0RUM, Hwtffl.

by tiv, ckar\* Sfj







Orchidn of bh= ~~Nepal~~ Himalaya.

Aim. Ruy. Brt. fWaen, Calsqu\*. "Wl. B, ?

PLATE 148.



Drawn by A. Nelling

PLATAN  
TERA N<sup>AN</sup>NUS, Hook.fil

Drawn by A. L. Grind



Drawn by H. Pantling

PHAJU: MACYLATUS, Lndl:

Lat: hj Chitra SUP C»



Drawn by R. Panlim

PHAIUS WALL. CHH., LINDL.

Lith. hy A C. McLean.



Crswr. by R. Freeling

PHAIUS MISHMENSIS, Schlechter

Colored by Clara E. D.



Drawing by R. T. Peto

PHRAGMATES ALBUS, Lindl.

Lith. by A. C. Mulvey



•Drawn by R. Pauling.

AGANTHERIPHIDIUM SYLVESTE  
ITEWSE, Lindl.

Lith. by A. C. Moore.



*m*



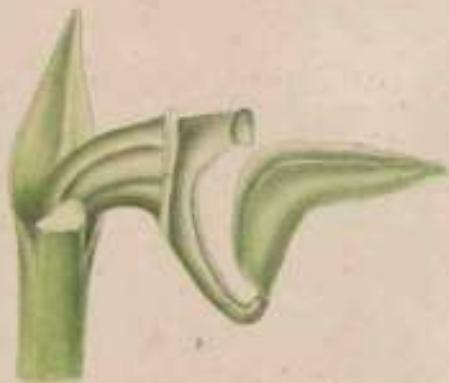


Digitized by milinjf.

PAPHIOPEDILUM TIBULIFORME, DING & PEALING.  
PONTAX TIBULIFORMIS, DING & PEALING.

nrfh







Di-sviii ly R PantJinrf.

ERINA BIFLORA,

Lat.: Ly Chr^







Drown & R. Pnii

ERIA BAMBUSIFOLIA, Lind.

Print by New China Eng. Co.







Drawn by R. Purting

ERIA *BRABRA*, King & Parmentier.  
= *E. BRACTESCJSXB*, Lindl.

Lith. 9 A. C. Stigges.







Drawn by J. C. 'J. C.'

uhja

Asia Reg. Bot. Garden, Calcutta, No. 6, PLATE 172.



ERIA ACERVATA H:



Drawn by Miss Goss. May 25.



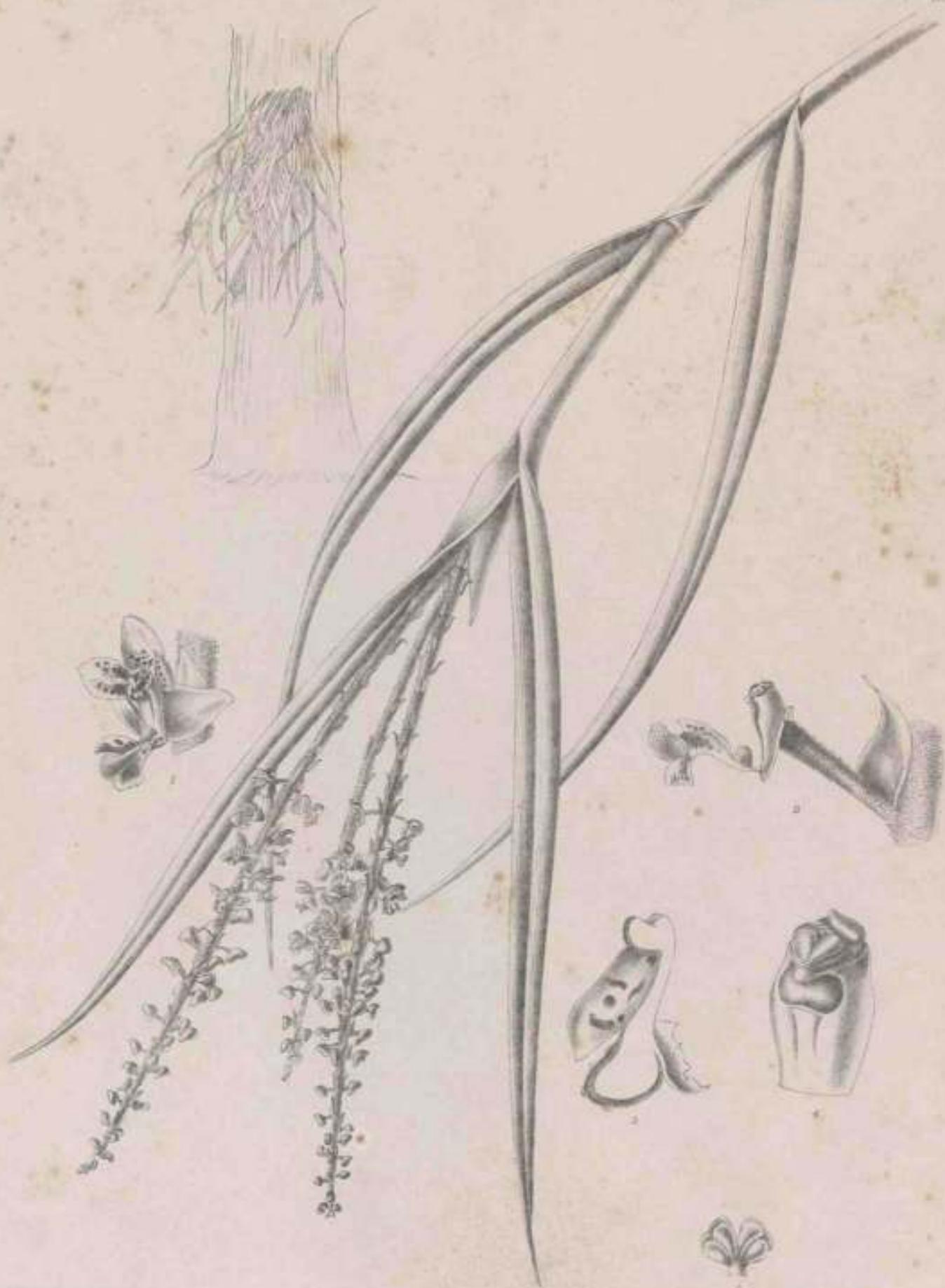


Drawn by H. Hartung

TRICHOSMA SUAVE Linn.  
IT.I.1 COEO'i'EU. Bdcl.b. HI.

UL V CW. Silp





Drum lj^ R P»ntlijig.

KFIA PANICULATA Lindi

Lil.h b. Chira. Bily. G

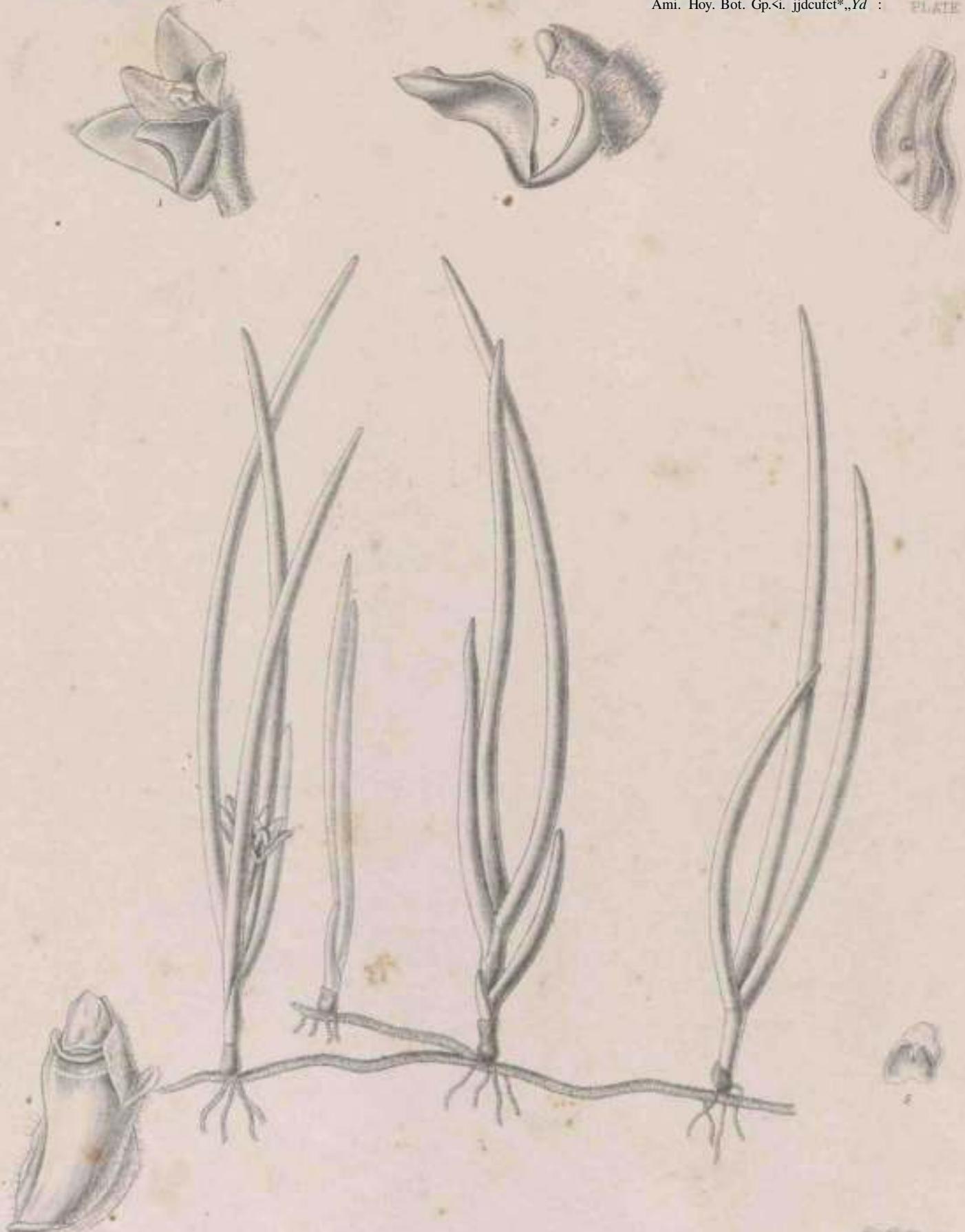


Dpa\*<sup>ed</sup> ly R. FanLii^,

ERIA PL.

•••VA.Linctl.

Look by A. C. Singha.







Drawn by R. Pantling

ERIA RUPISTULA, R. ai;hb fil

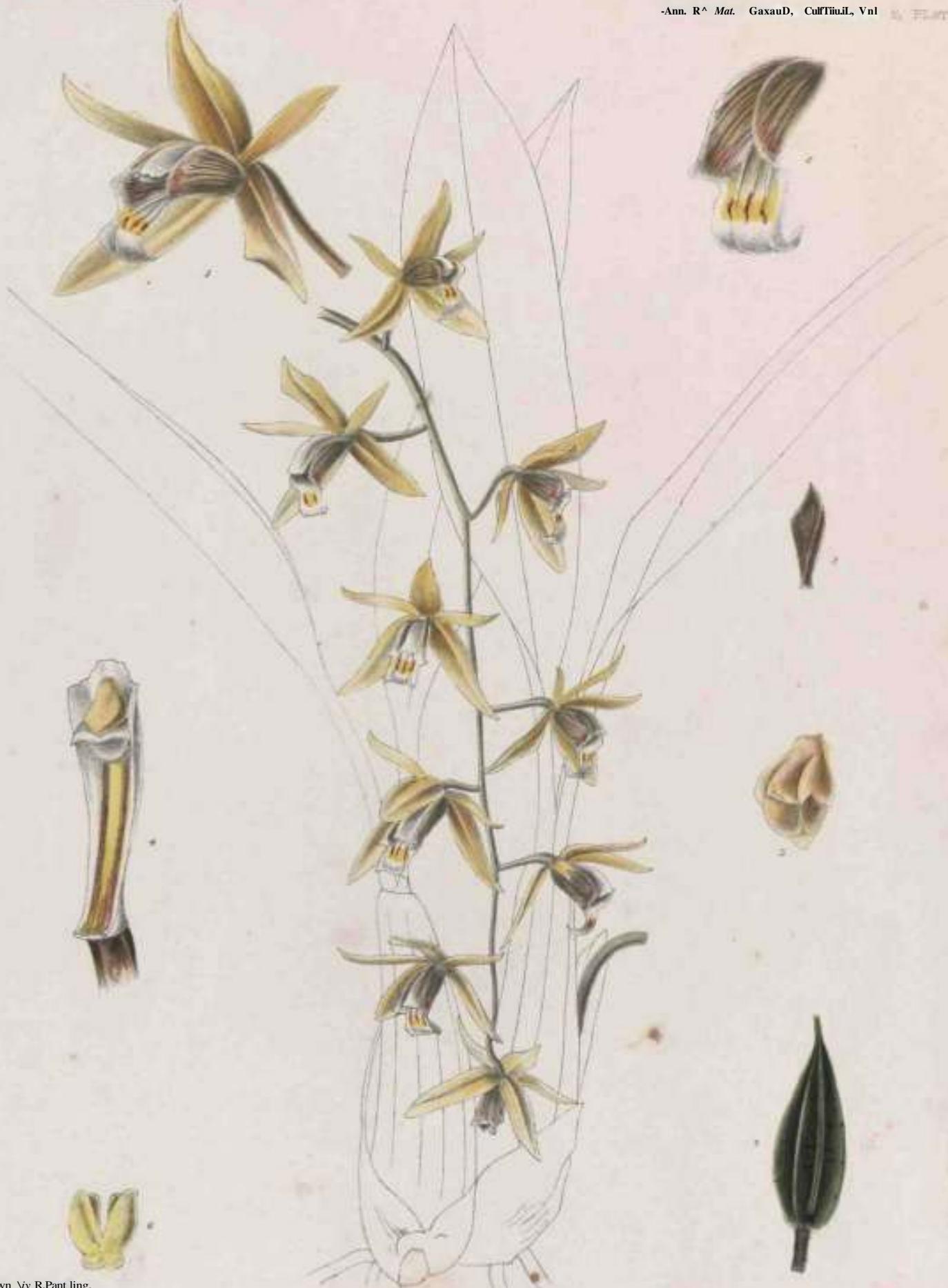
Lith. by Charles Silp Co







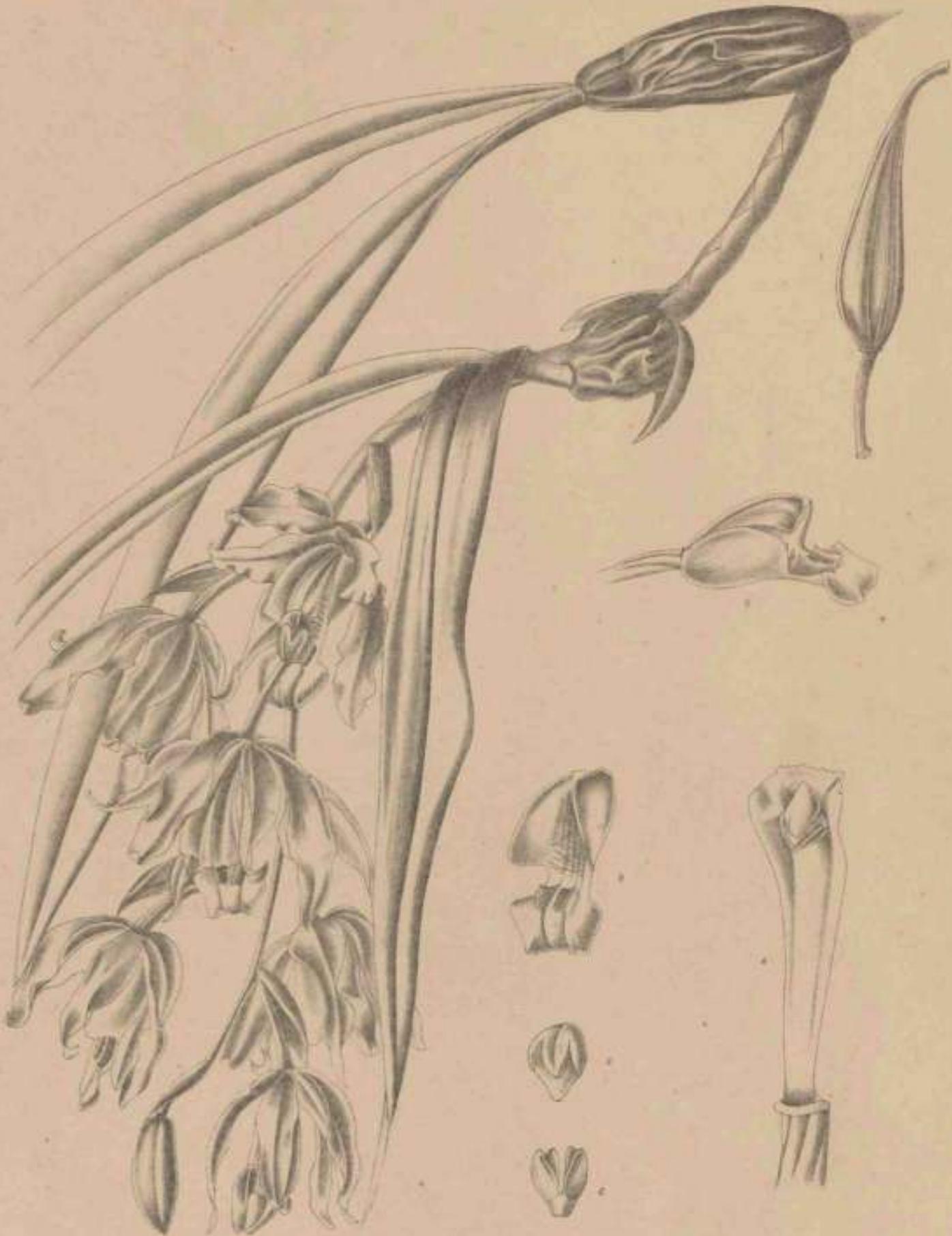




Drawn by R. Pantling.

CteLOGYNE FLACCDDA, Linn.

Lith. V. Ch. Ch. M. Co.



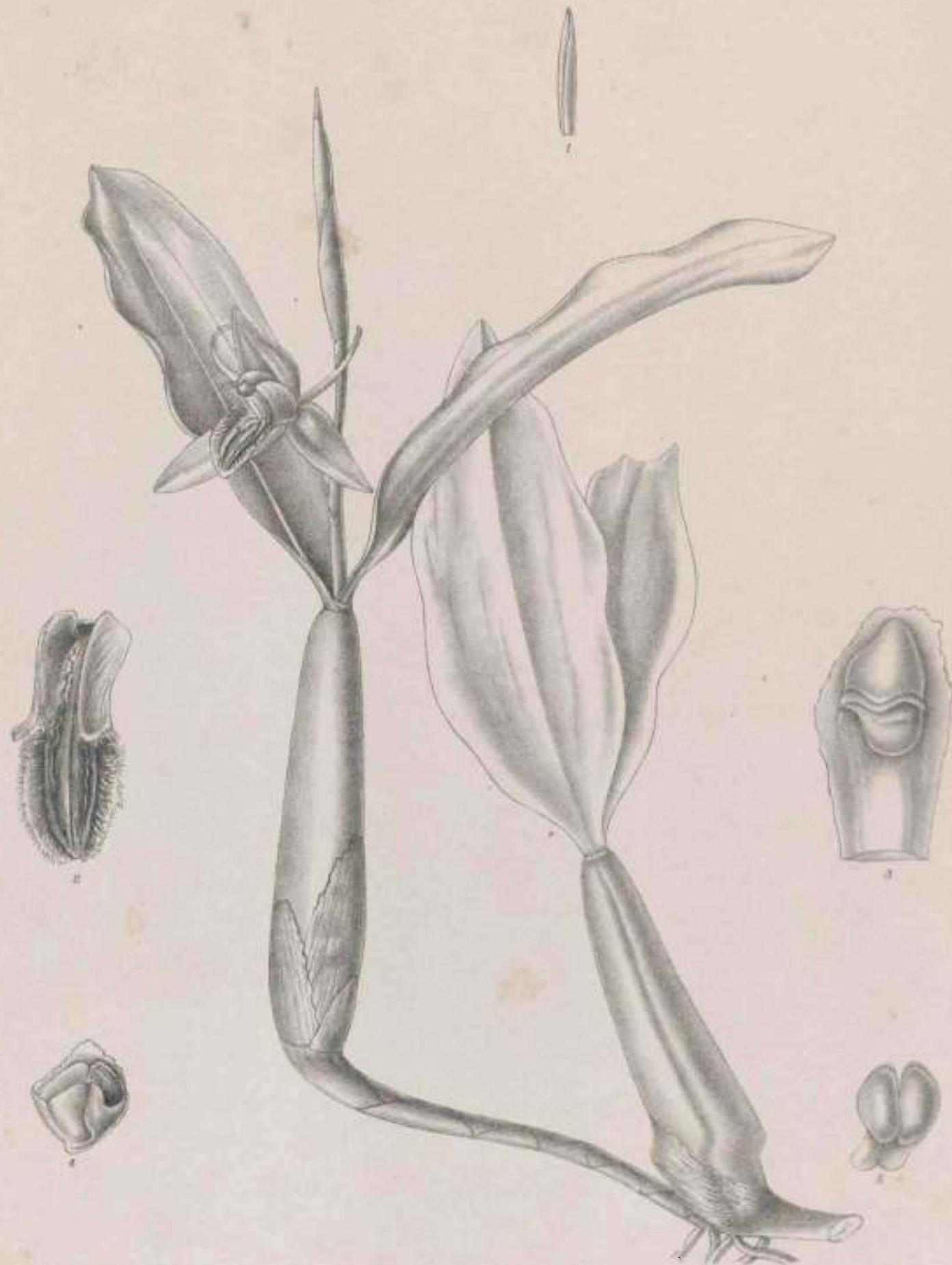
Drawn by R. Penning

Lith. J., CWTr. E,

CTENOZYNE CRISTATA, Lindl.







Drawn by R. Pantling.

CCELOGYNE OVALIS, Lmdl.

Litb "by A. C. Singha.





Drawn by A. Purcell.

CCELOGYNE LON&FES. LindL

Printed by E. B. Chandra.





Drawn by E. Purdie.

CAELOGYNE FLAVA (Wall.)

Drawn by E. A. Roy.

Orchids of the Tidore Islands

A. Nels. & J. D. Hooker, Calcutta, 1882. Pl. 12.



Drawn by H. Purdie

CELOGYNE UNIFLORA

Drawn by Chir & Ch.



Bk



i





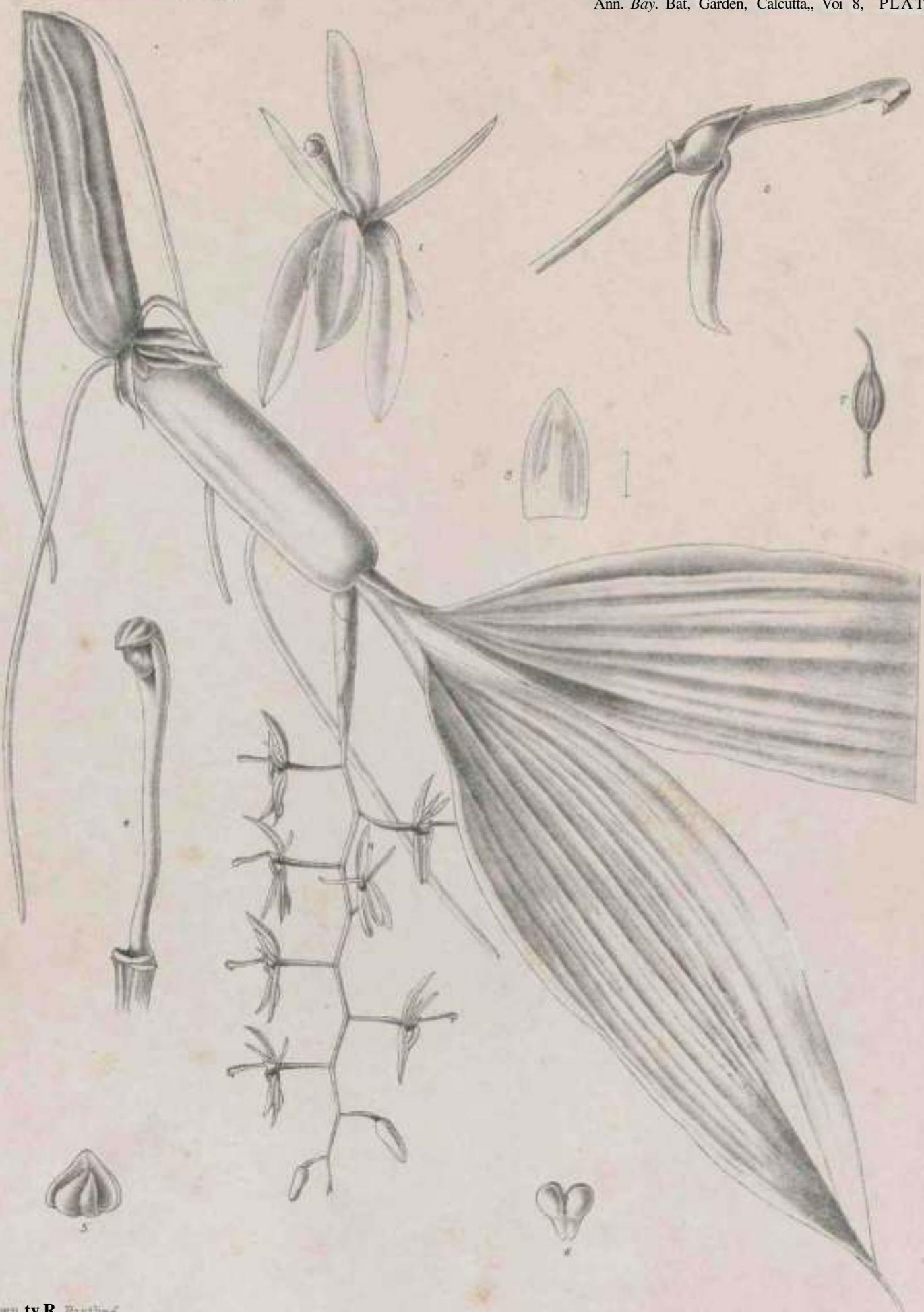
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Drawn by R pg.,

OTODHri.US FUSCA, Lindl.

Lith. by A. C. Muirhead

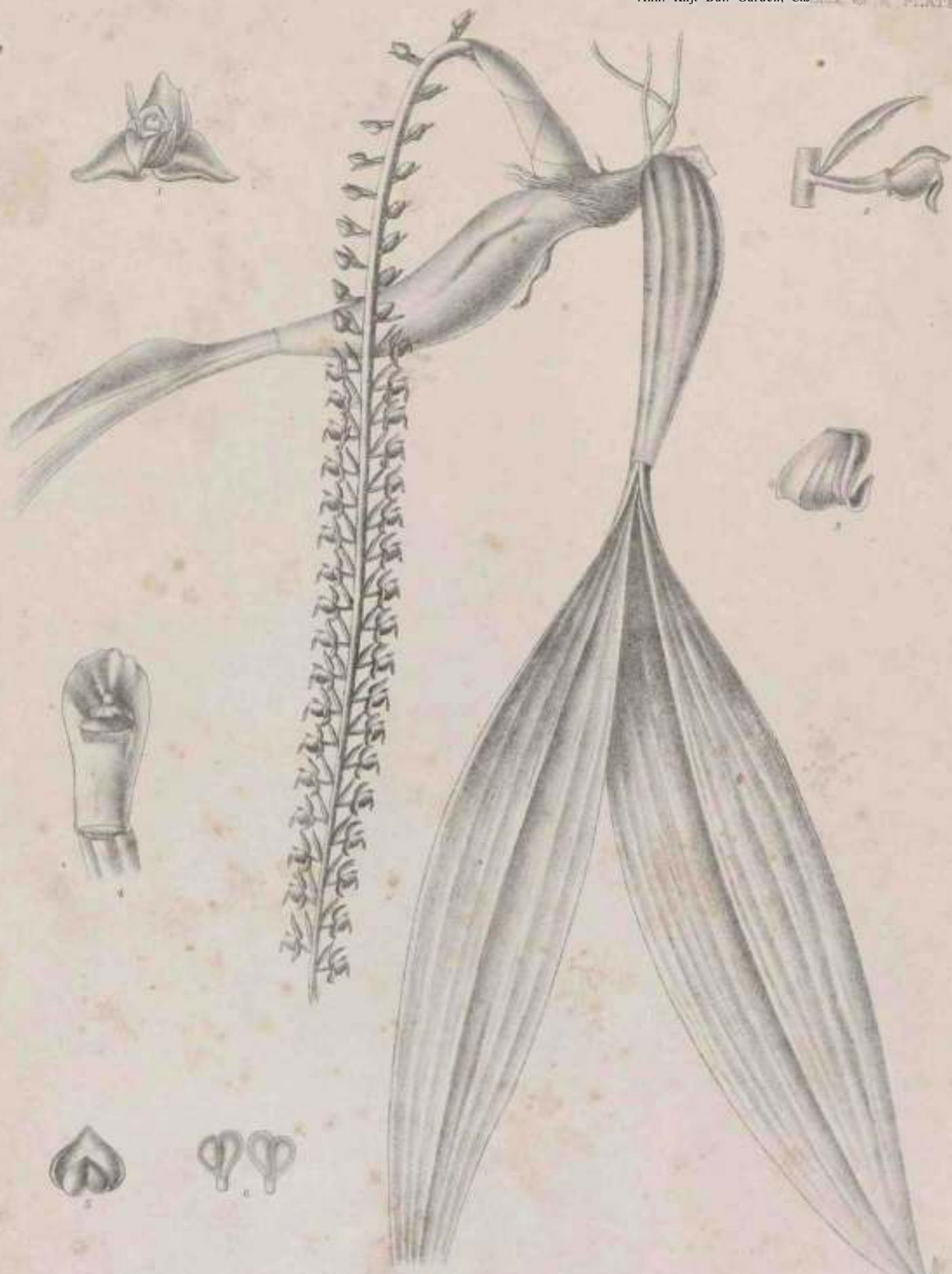


Brown "dy ft ~~Family~~"

OTOCILUS ALBA., LbdL

Lith. by A. C. Sugden.

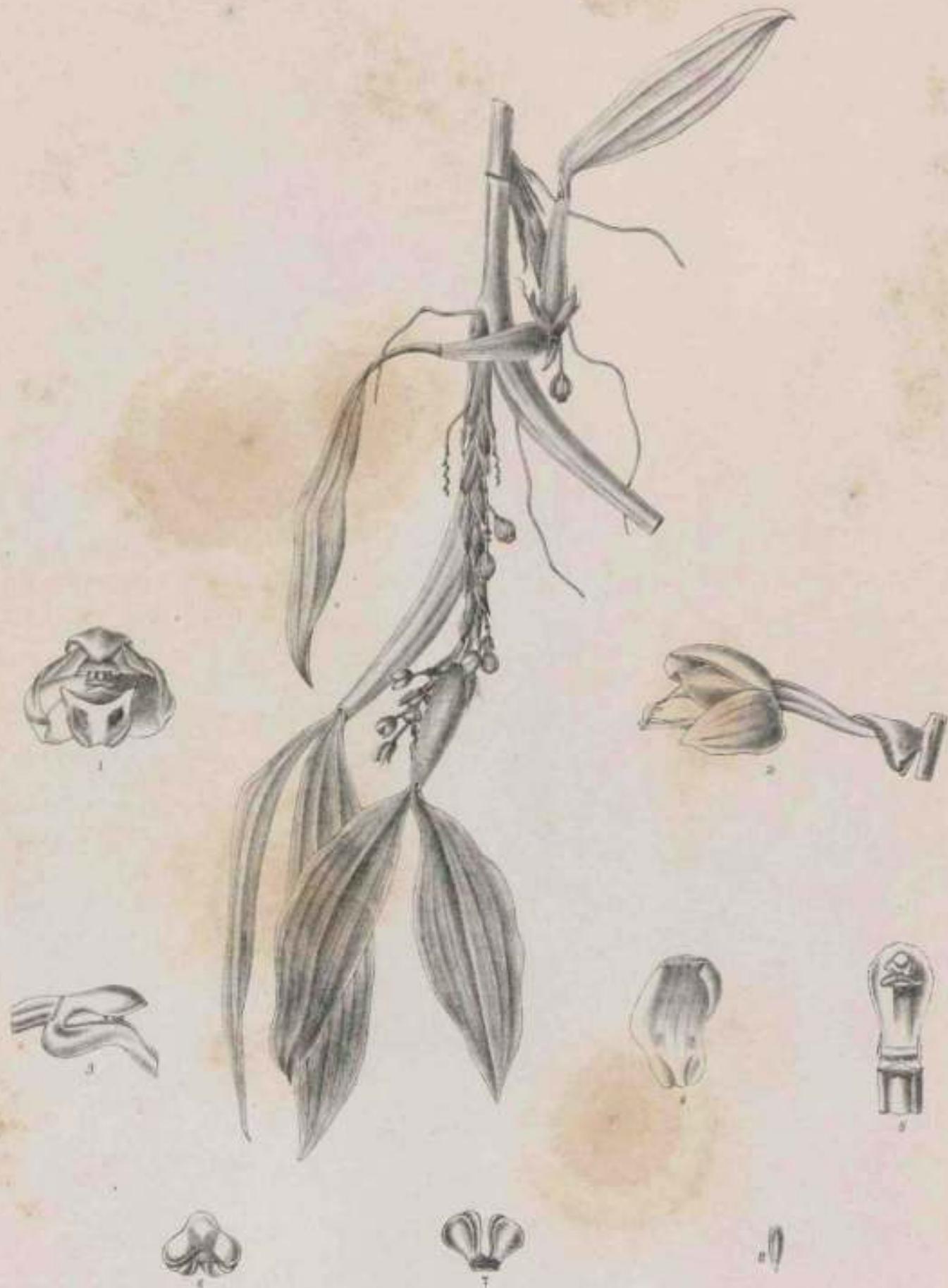




Drawn by B. Naudin.

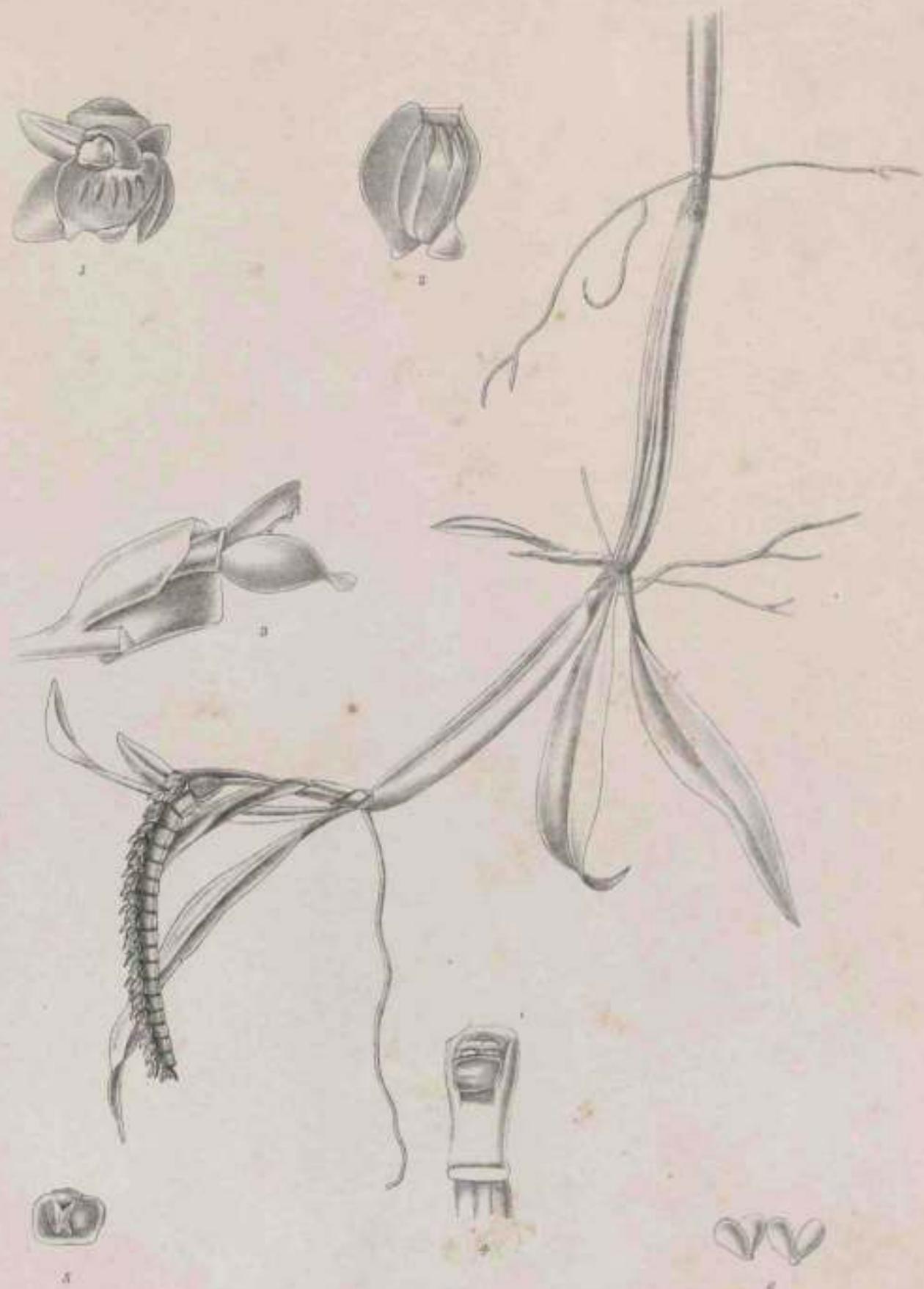
*PHOLIDOTA RUBRA*, Lindl.

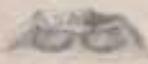
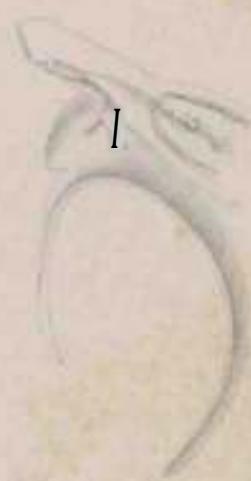
Uitfc by A.C. Negele,













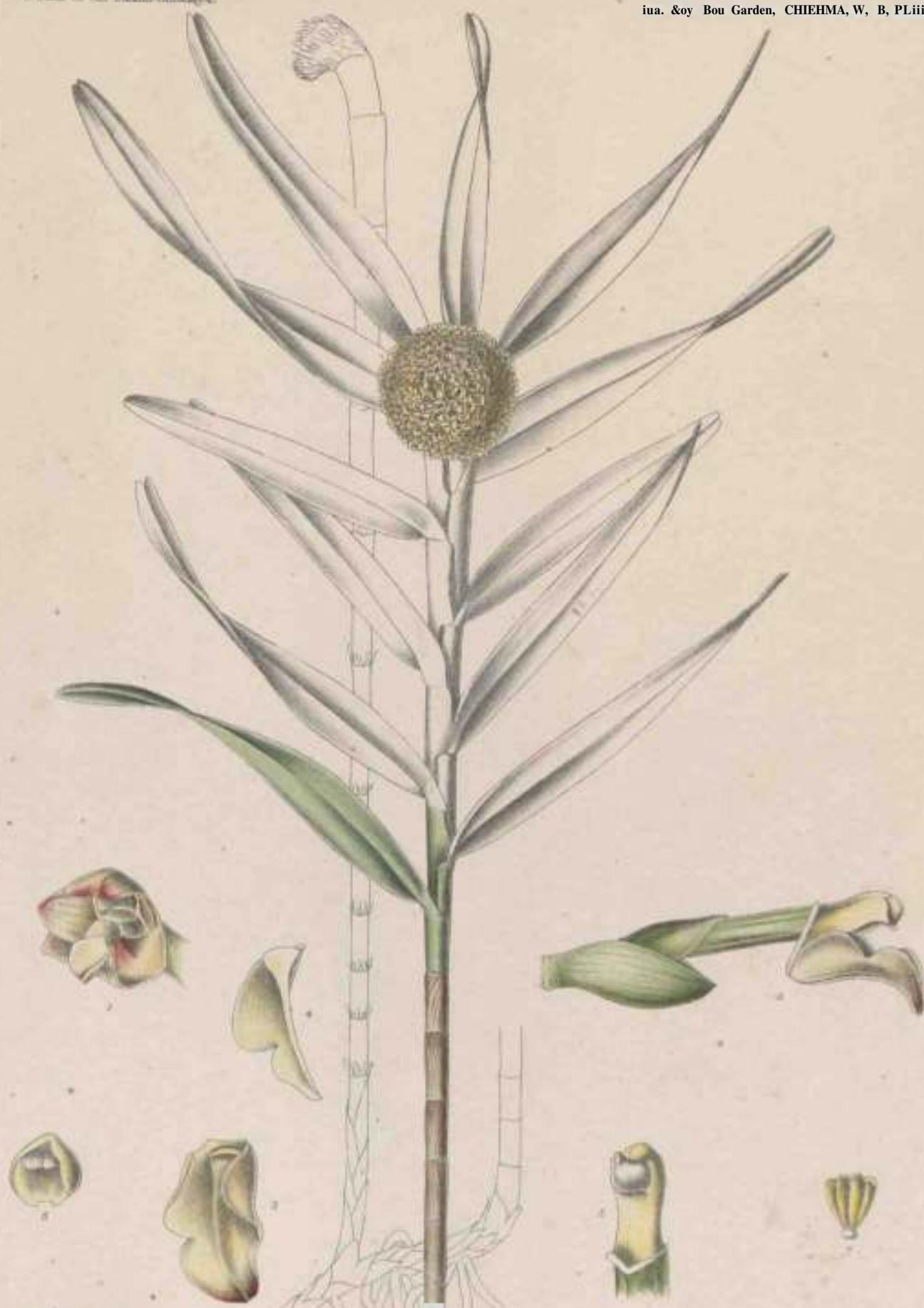


Drawn by R. Pantfmg.

*ACROCHORTINE PUNCTATA* Lindl.

iA: by A. C. KngKa.





Orrnn V iL Puuiui^.

AGEOSTOPULUM: MYRIANTHUM, King & Pantling.

Liik Vjr ^ L. Snp.









Drawn by R. Freeling

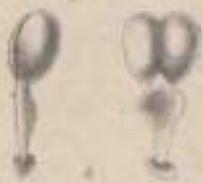
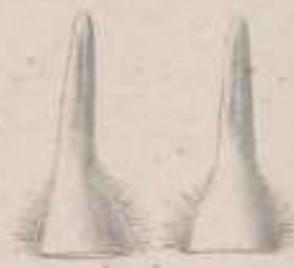
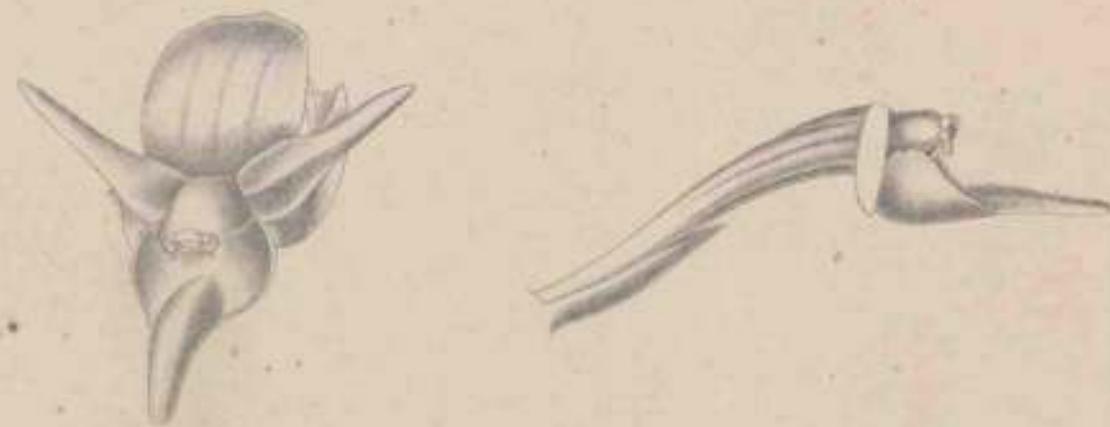
10NE PALEACEA, LmD

Litt V A. L. :

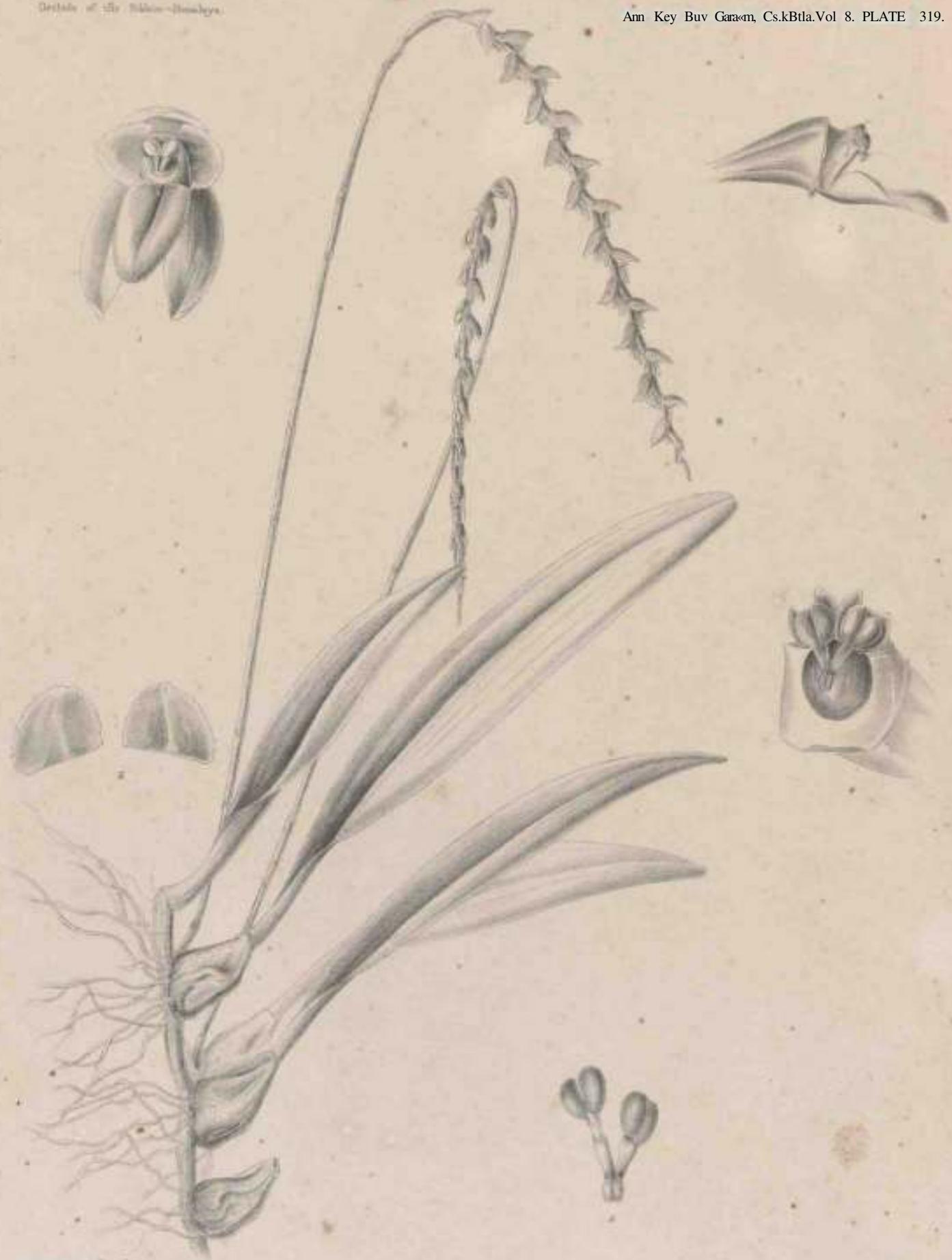


(n-cidli of die ~~Ammonia~~)

Ann. Hoy • Got. Go, a T., cficutta. To! B, PLAT I







Dra.wn by K. Pantfing

IONE SCARIOSA. King & Pantfing

- Lab. by G. Silpi

DAW Is fifth rt Sikkim — Himalaya.

Ann. Roy. 3nu Ctd. CdeuLu., Vol. § PLAT!



CRYPTOCHILUS SANDWICENSIS (Wall.)





cl)





Drawn by E. Pinling.

CALANTHE PUBERULA A. Lindl.-

Lith. by A. C. Langlois.



Drawn by R. Purdie.

CALANTHE MANNII, Baker II.

Lith. by J. H. Gray.

-V.

















Urny Of R. T. King

GALANTI-E MASUCA Linn.

Linn. by Clatres SPP. Ch









EULOPHIA CRAMINEA, L.

Dmwn Aj K. Purcell

• A. L. Sinjh.



«wo tyE. Puitlinj.

EULOPHIA MANNII, Hook. O.

Litb liy ILC.



Drawn by E. Prantl

EUL iPtHA GENICULATA, King's Painting

Lriti by A. C. Major.





Dra-wn. by a. Thuring.

EULOPHIFT. SAN GUINEA, Hdtdfl

Lidt ly Sow- Cktr



Drawn by L. Prentiss

EULOPHIA NUDA, limit.

Engraved by K. B. Chambers





Drawn by R. Pantlind.

EULOPHI& BICAKINA.TA, Hook. f. ex MAJURK& F.

Lith. by K. P. Dass.









Drawn by R. Fawcett

CYMBIDIUM C. PERIFOLIUM M. 7; II

Lay Lay CH. SHBL C?



Drawn by t. Painting

GYMNADENIUM MINIMUM • iAMUM, King &amp; Painting

Lith. b. A. C. McLaren.



Drawn by V. R. Panting.

CYABIMUU SIMONSIANUM, King ie Panting.

Drawn by A. C. Mather.

Orahifo of the Sjifldiri-Himajaya,

Am, Roy. B01., Garlc; . Ochroma, Vol. 2, PLATE 21.





Drawn by R. Peeling.

CYMBIDIUM ALOIFOHIU, Swart\*,

Lit. by A. C. Malabar.



Drawn by R. Purdie

CYMBIDIOM DEVONIA.NEJM. PaxL.

LiU by A. C. ,



Botany by W. Wight, M.D. Illustrations by G. C. B.

Oreochile vittata Oliv. in Journ. Bot. Lond.

Botany by W. Wight



f



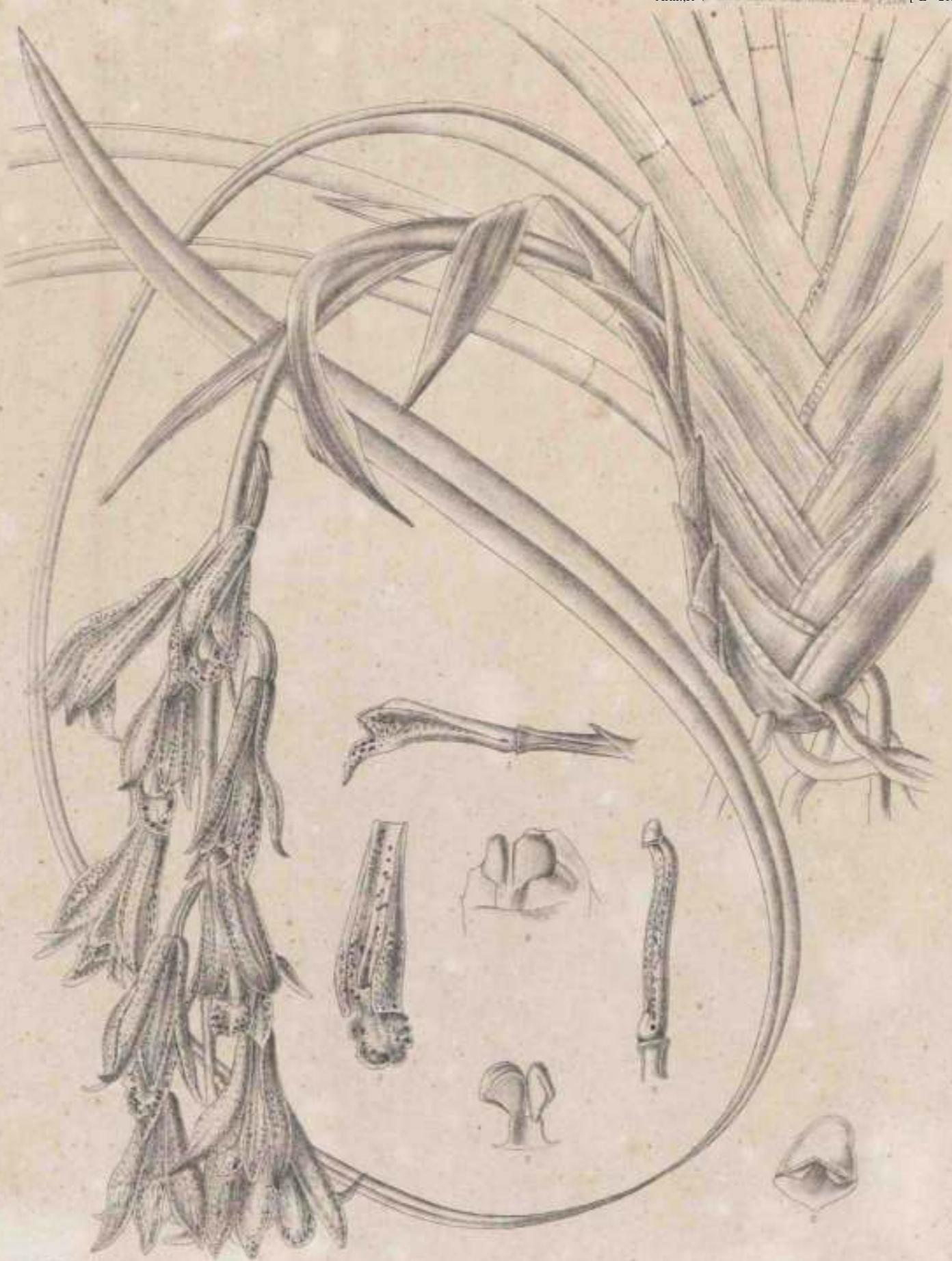
Drawn by H. Pannier.

DYMBIDIUM GHANDIFLORUM, Griff.

Lith. by H. C. Marshall.

-y I ^





Drawn by R. Pantling

CYMBIDIUM WHITER, King & Pantling

by A. C. Muirhead

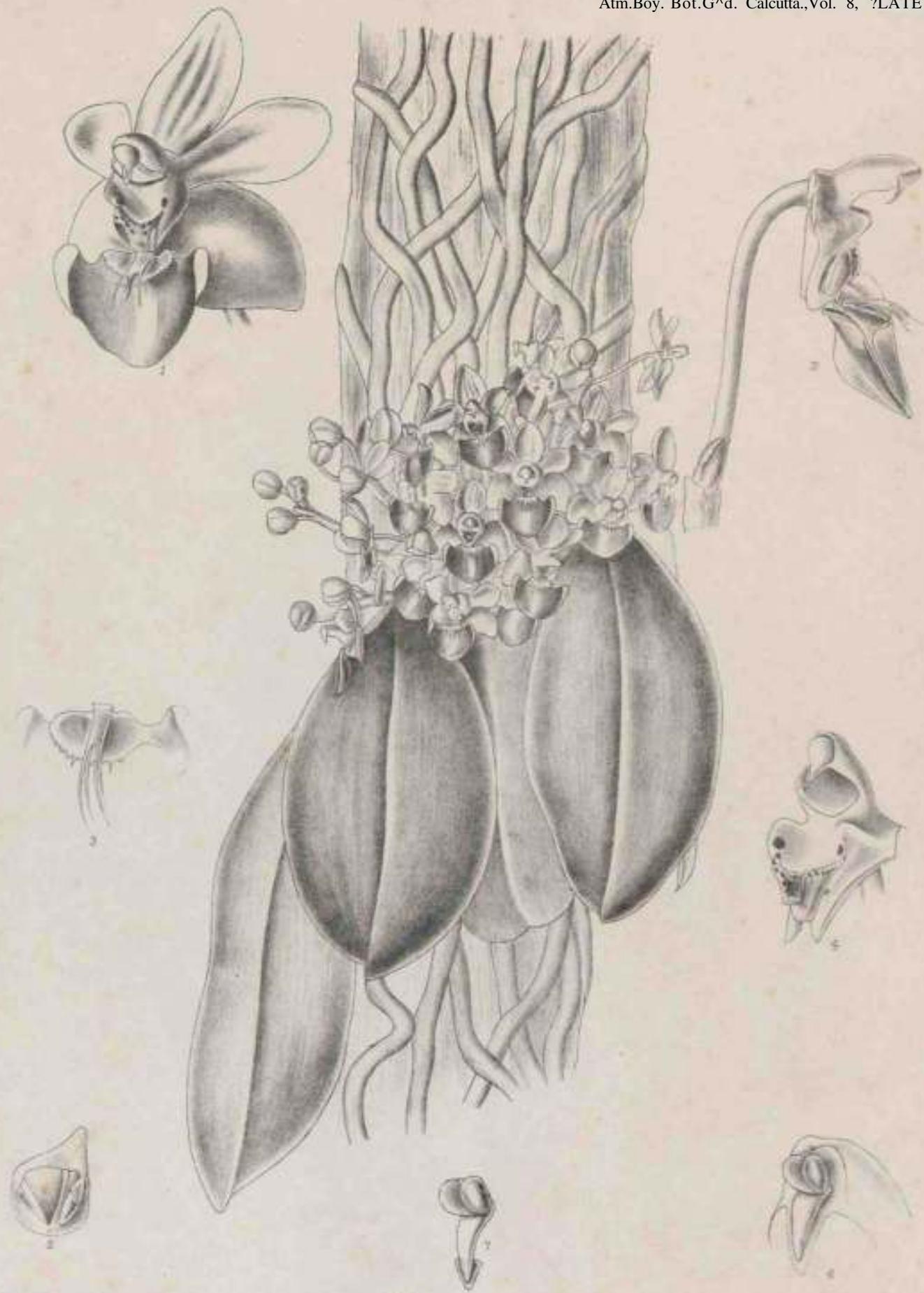


CYMBIDIUM ELEGANS, linfl.













Drawn by H. Pantling.

DORITIS WIGHTII, Benth.

Lith. by P. 'N. Sinlia.



£





Drawn by E. Bowditch.

SARCOCOCCA HUPEHENSISS.  
— BIECKENSTEINIA HUPEHENSIS, K. Koch.

Lith. by E. K. Gray



Drawn by R. Penning

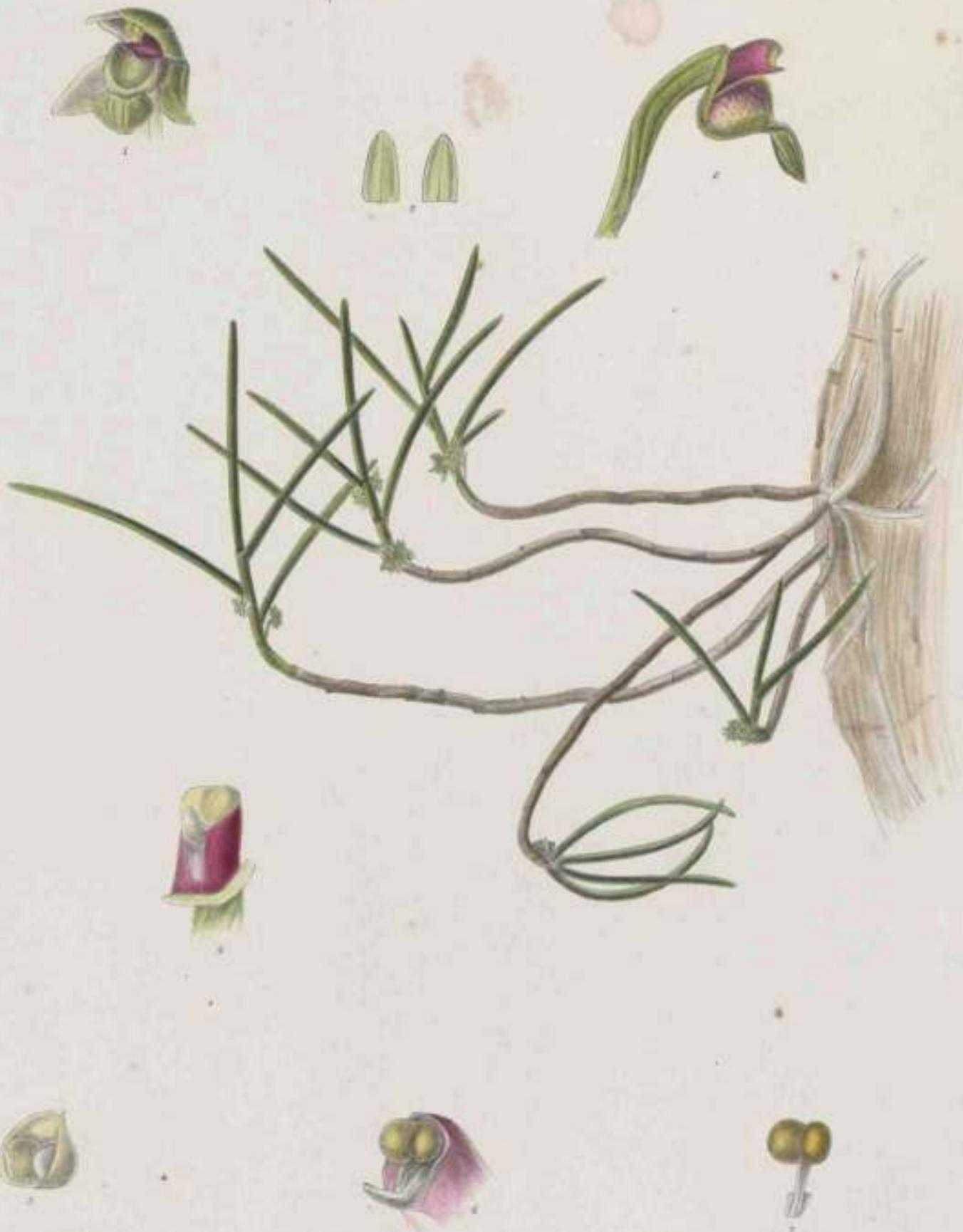
ORNITHOCHILUS FUSCUS, Willd

Lith. by Charles Edm. O'F









Drawn by A. Hartung.

HIMALAYA - BRACHYSTACUS -

L ESOOSBHOUA, Hook.f.

B, IT. EDJ.





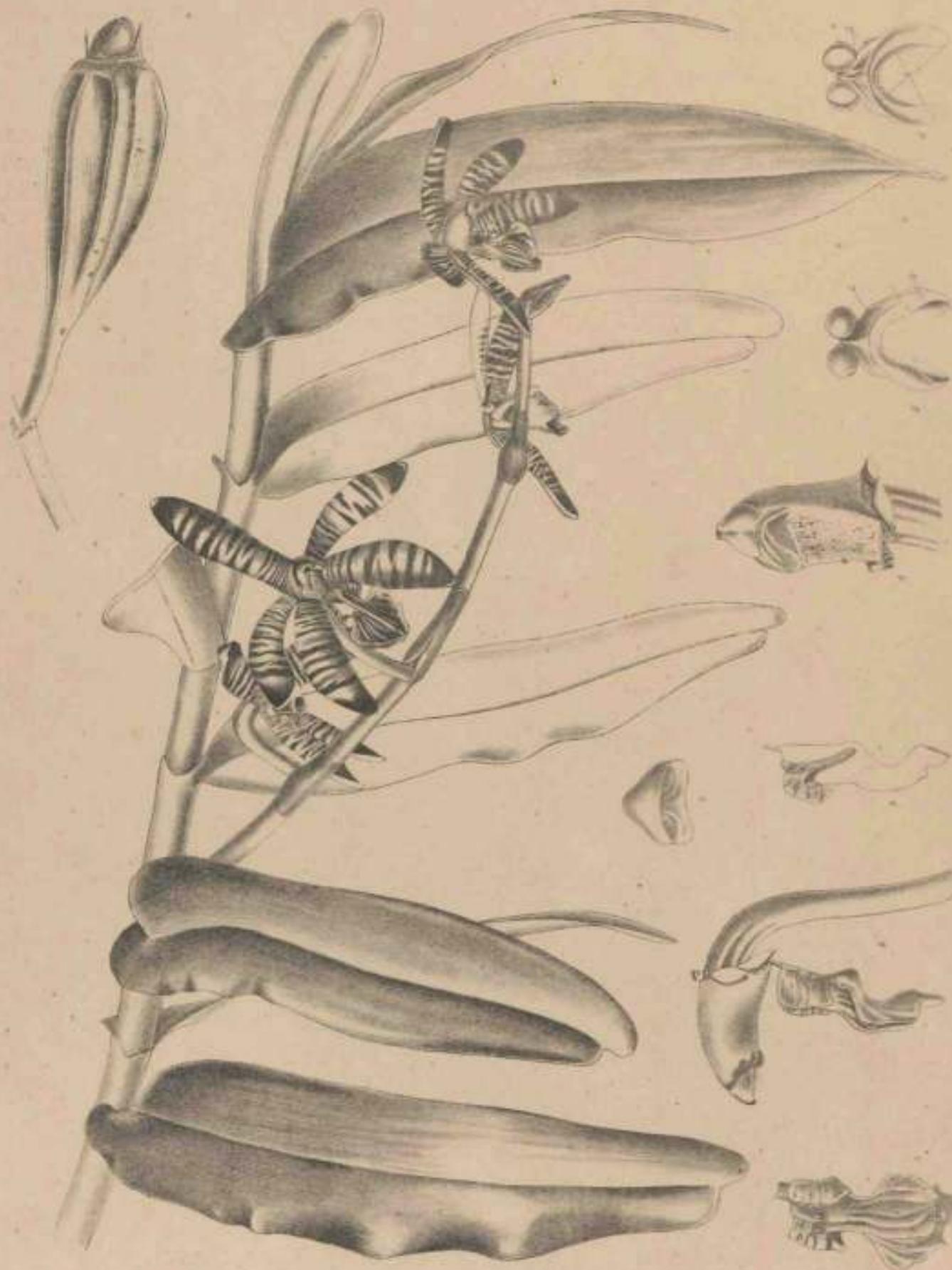




"Orchid" of the ~~Siamese Islands~~.

knn. Ruy. BDL, Cu-am, C Jeuvn, Vol S, PLATE -77.







ARACHNANTHE BILINGUIE, B.<sup>enth.</sup>



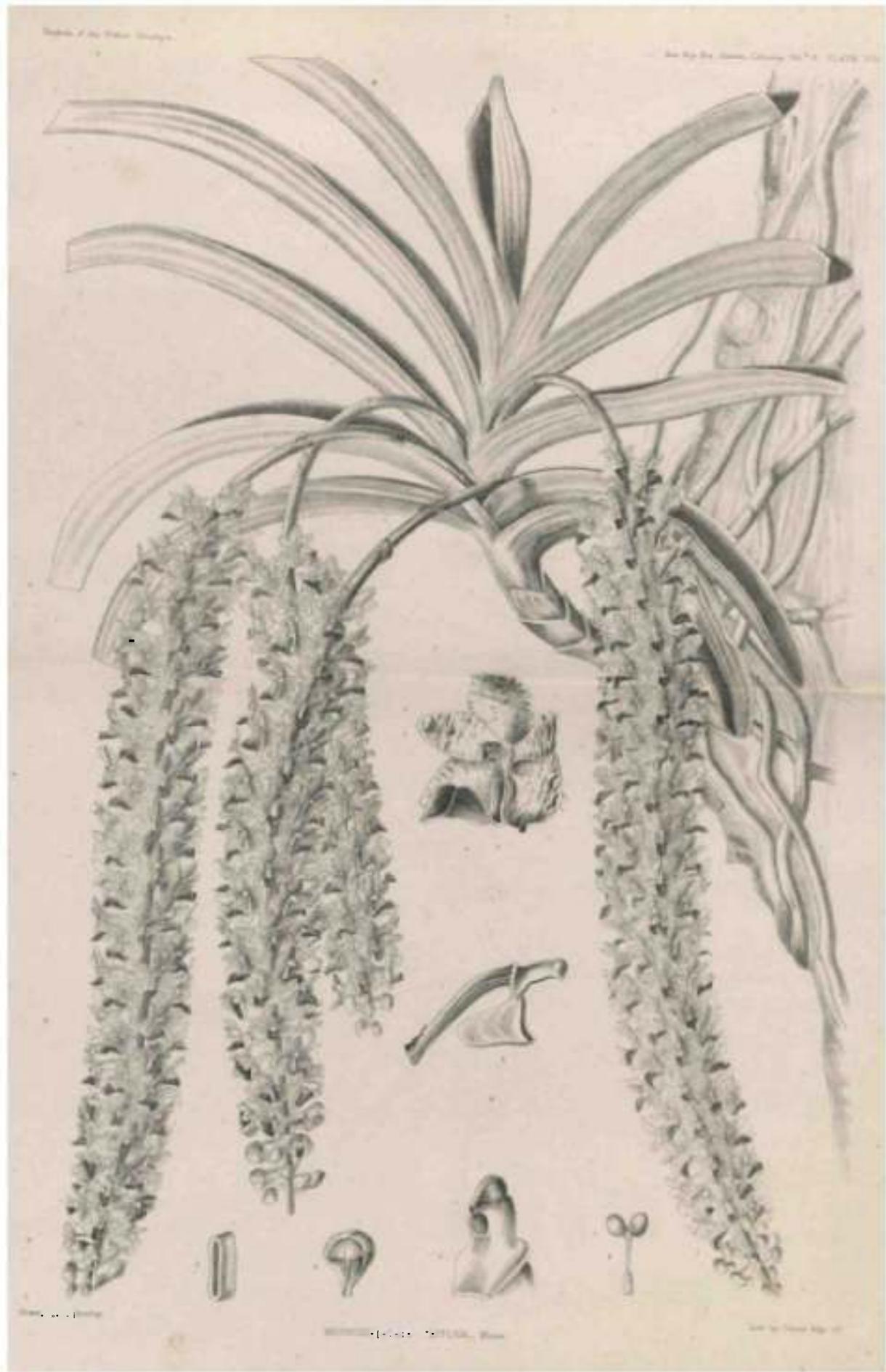




DUB by R. Phillips

DRACENA MULTIFLORUM, Roxb.

Lith. by C. Chinn, Sept. 18





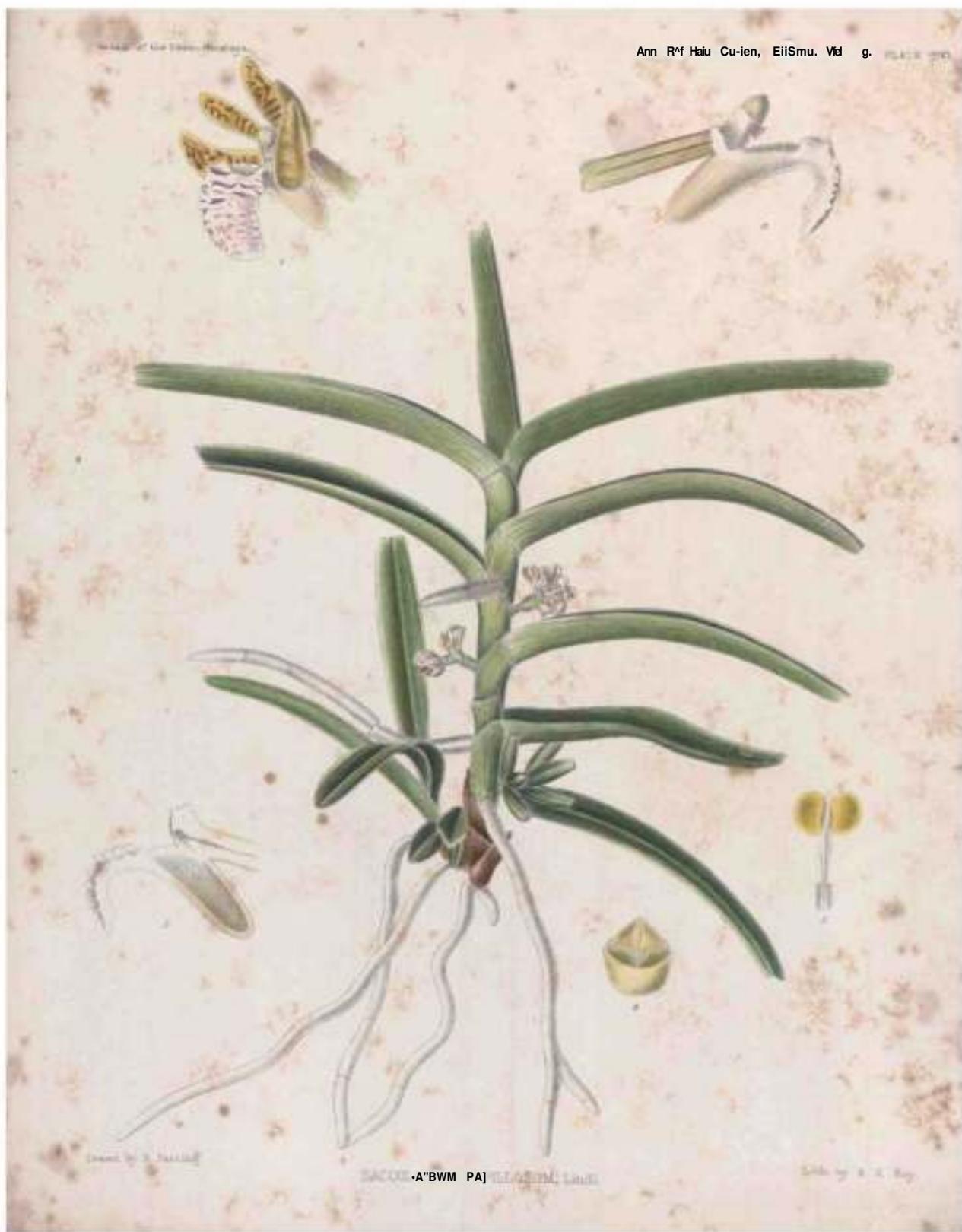


Drawn iff B Puit-hng.

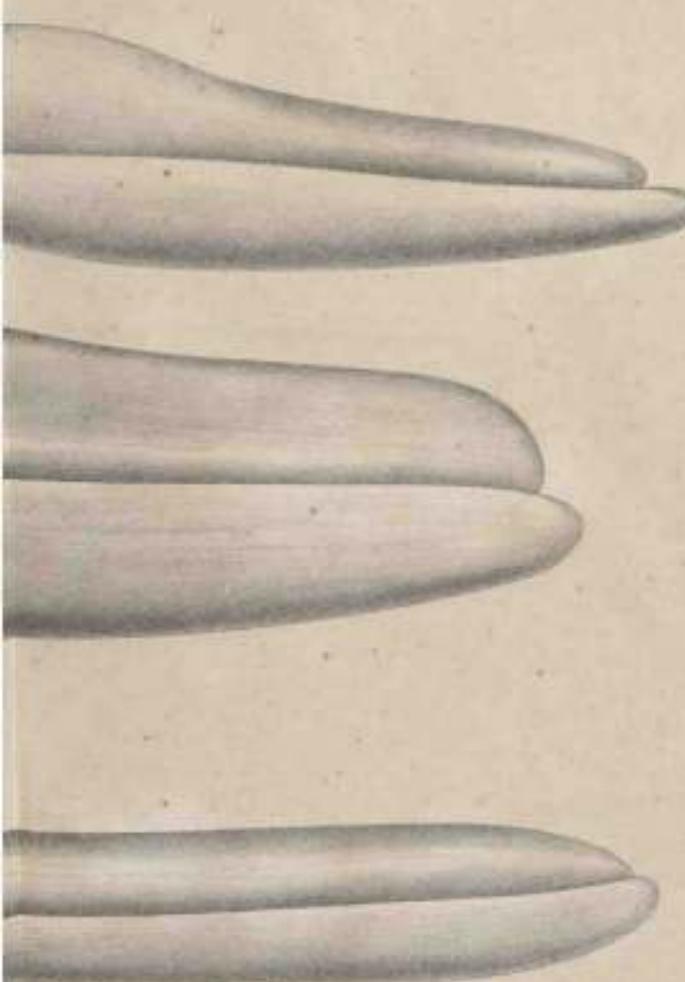
VANDA CRISTATA, L.

Engr. by F. M. Druce.

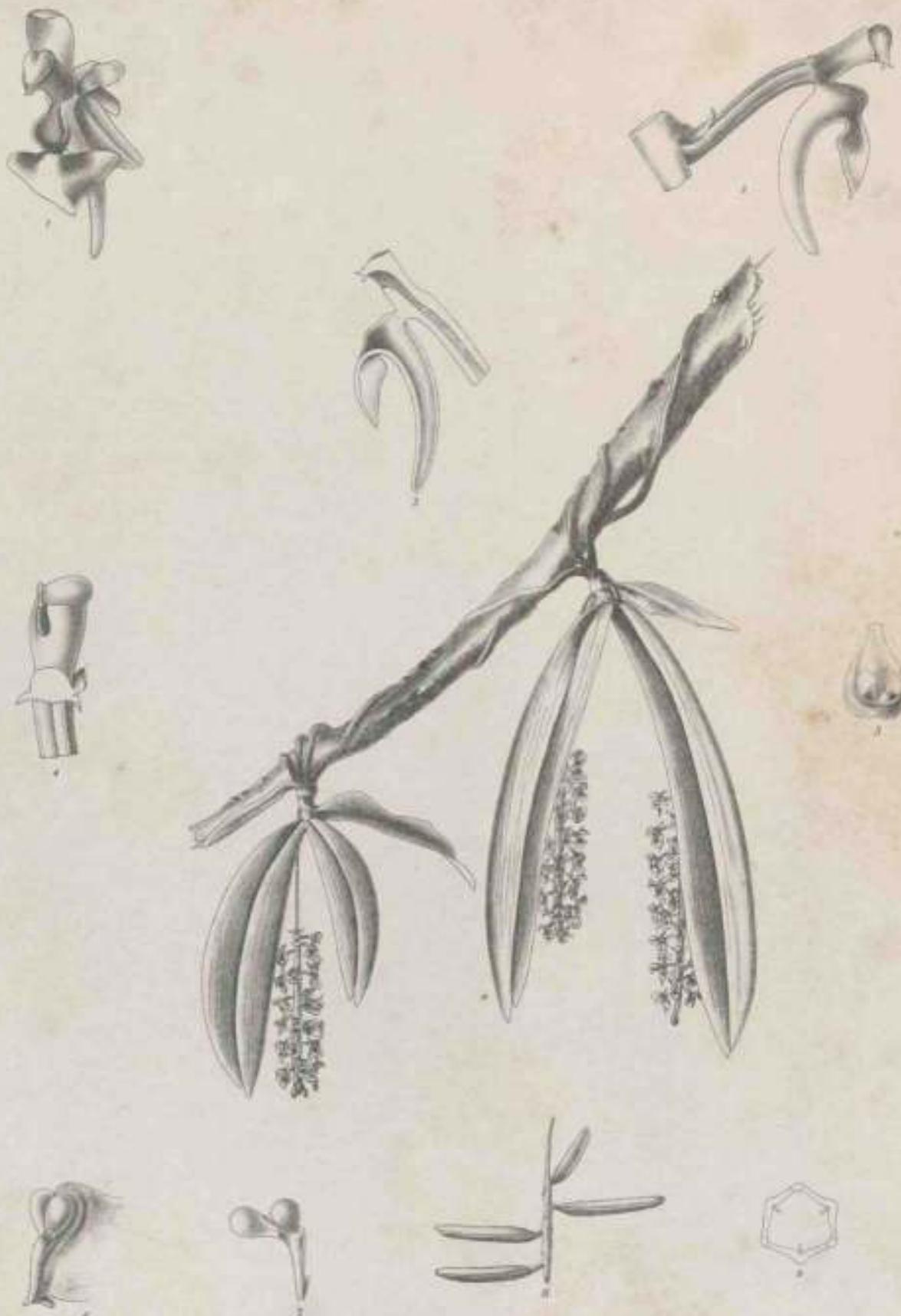
















Drawn by R. Sweeting.

SAC( *CLARIUM ACUMINATUM*, Benth.

Lodd. New Oxf. Spp. Ch.







Drew by P. Peeling.

SACCOLABIUM DA3YP0GGN, Lindl.

Lith. by Charles S. C.



Drawn by H. Fuitling-

SACCOLEUM DASYPOGON. L. > dl

Lith fcy trtitr. & V C<sup>5</sup>



Dri by K. Fir. Limg

SACCOLAEIUW CALCEOLARE, Lndl

Lith. by Chate. 200 C4



SACCOGLOSSUM INTERMEDIUM, C.Sriff



Drawn by W. Purdie.

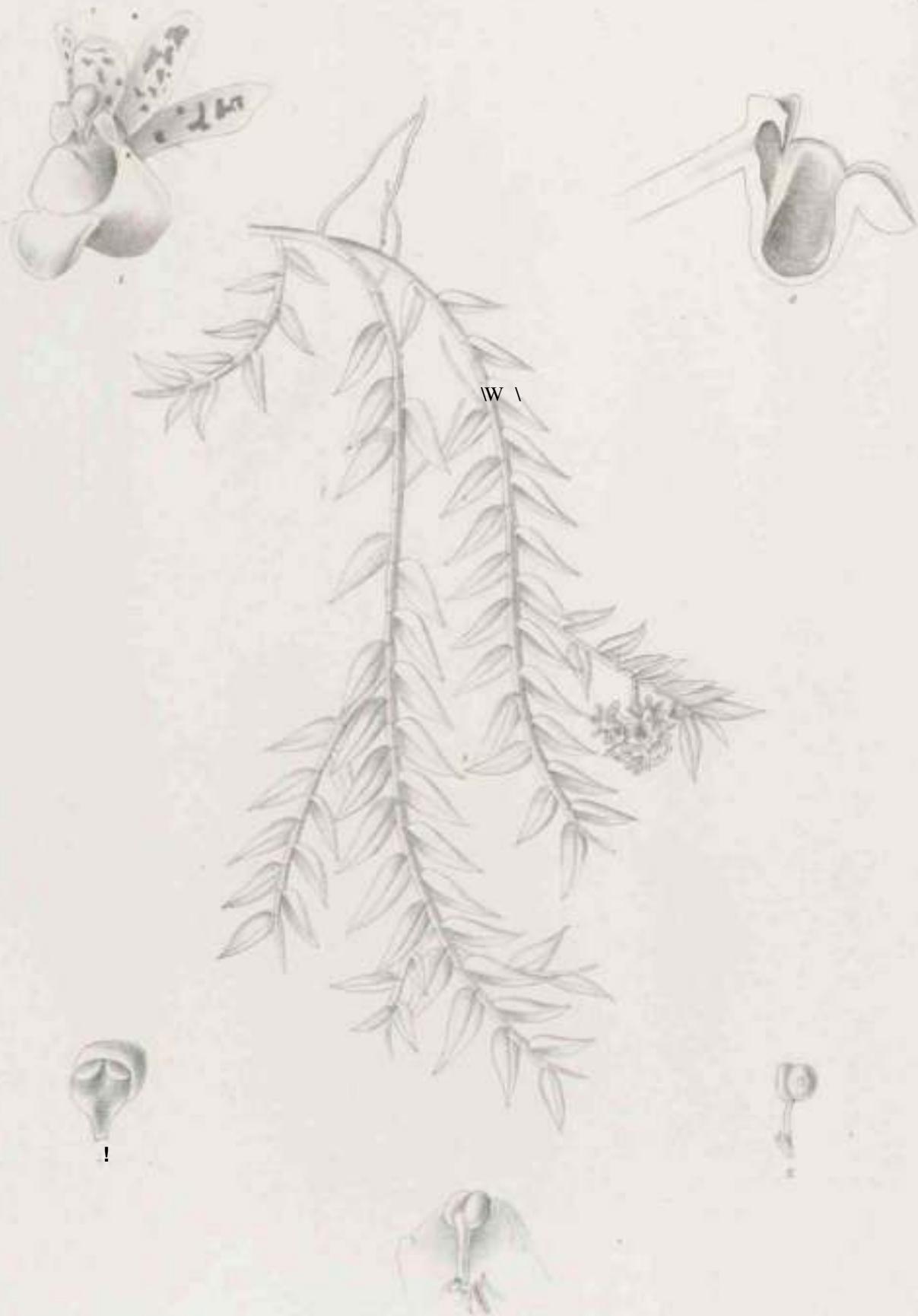
Lith. by Chite. Silp.

SACCOLABIUM ACUTIPOL. IDM, Laffl.



•Ufa.

















Drawn by J. M. Smith.

CLEISOSTOUA SPLCAIUM, Lindl.

Lata ty "Kow Chiwa  
Himalay



Drawn by E. Thellung.

SACCOLABIUM M[CRAH]THLM,LinJL  
= CLEI~~PTOMA~~ MICROCARPUM ::uir, K. & p.

Lith. by A. C. Benfey.



Drawn by H. Bailey

Lith. by Chinn. Dey.

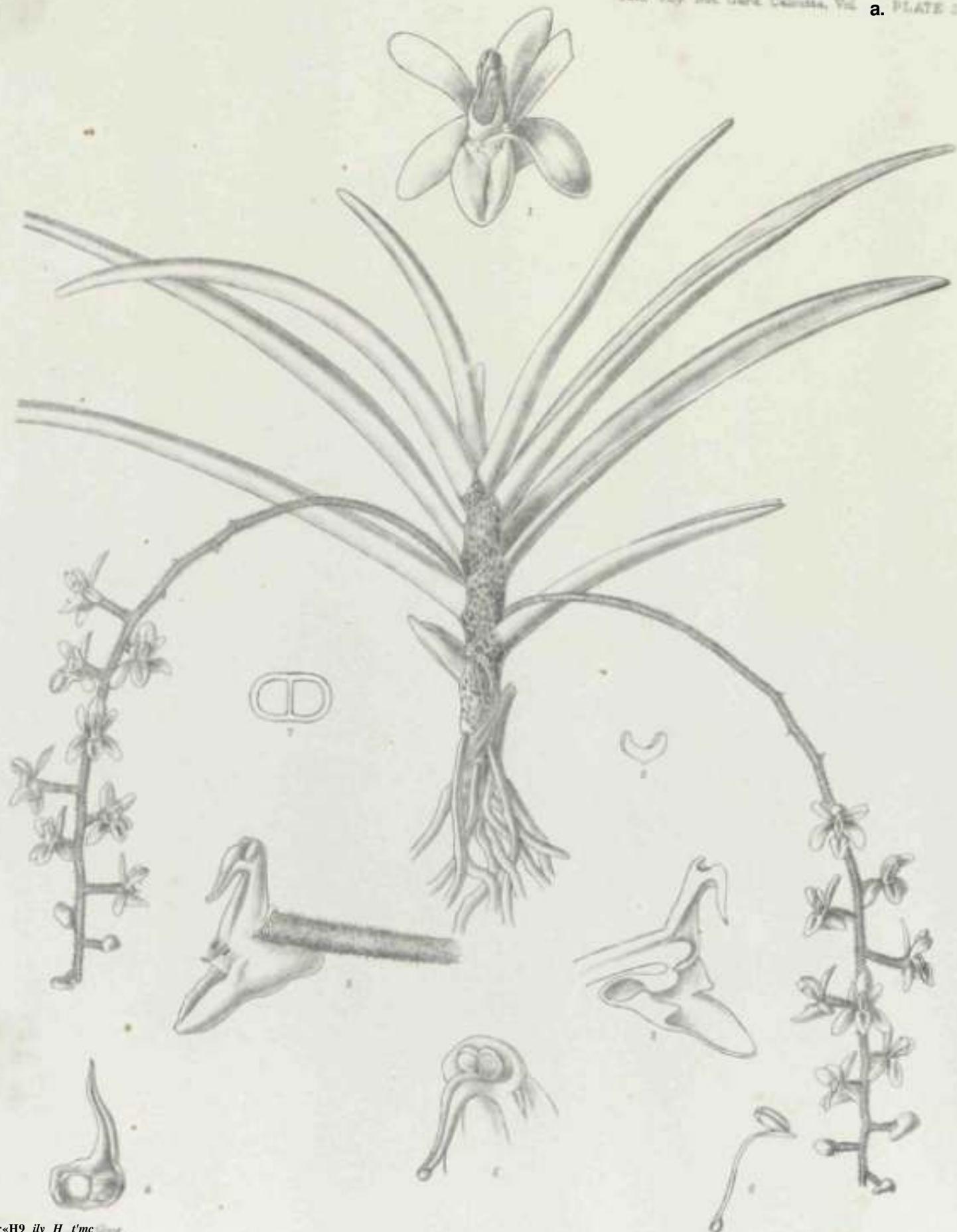
SACCGLABIUM GEMMATUM, Lanfll  
= CXTHOPTERIS GEMMATUM, H. A. P.



Drawn by S. Pringal.

STEREO CHU US BIG USP ED AT US, King tP «

Drawn by A. C. Neumann.

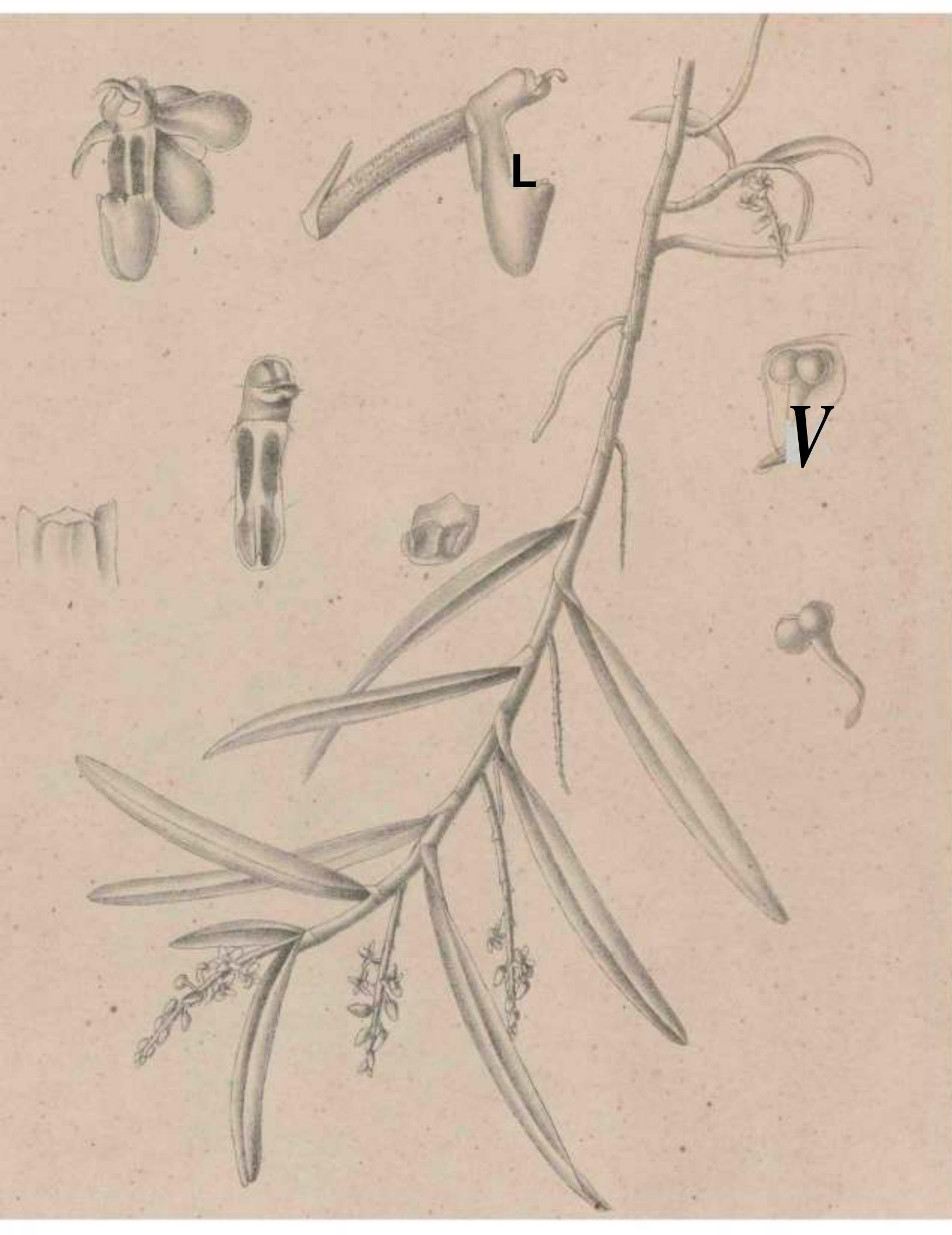


Dr. H. H. H. t'mc

9TESE0CHILUS HIRTUS, Linn.

Lith. by A. C. Mukherjee





L

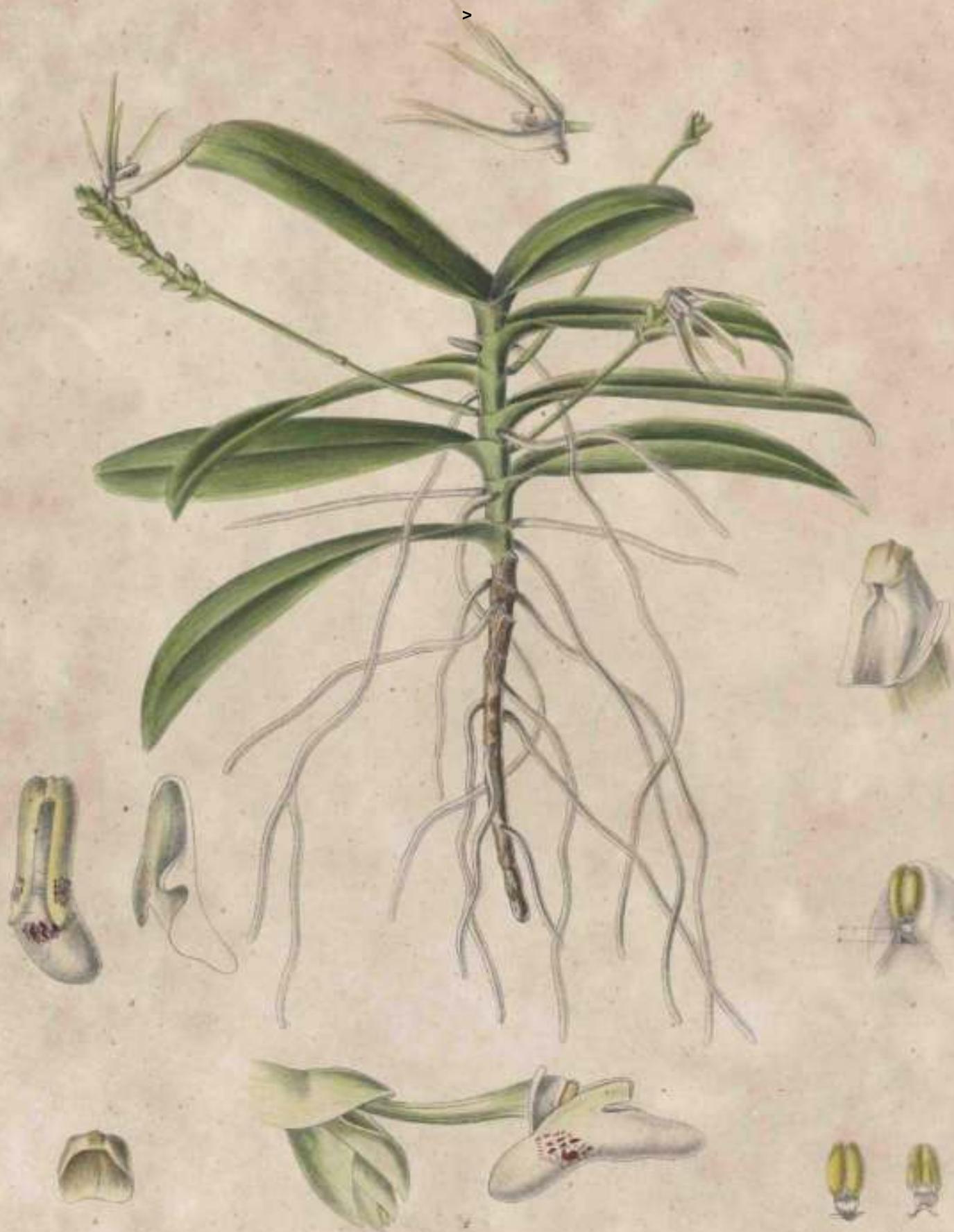
V











Eru-wriji hv ft. Phanling

SARCOPHYLLUM ARACHNITUM (Burm.) Blume  
A: RACEMES, STAMENS,<sup>\*1</sup> AND PISTIL

Drawn by G. C. Moore





rirawr. by ft

SARCOCHILUS HETERO-STYLOUS, Krgg&i .  
—TAENIOTHYLLUM HETERO-STYLOM LATUM.

Drawn by A. C. Makinson.



Drawn by N. Pecking.

SARCUC.  
SARCOPHAGA CREPITANS, Macfie.  
SARCOPHAGA CREPITANS, Macfie.

Drawn by New China Signs Co.

Oculata J. W. Allen. h. 186.

Ann. Phys. .... Oculata. Oculata. Vol. 2. PLATE 225.



i

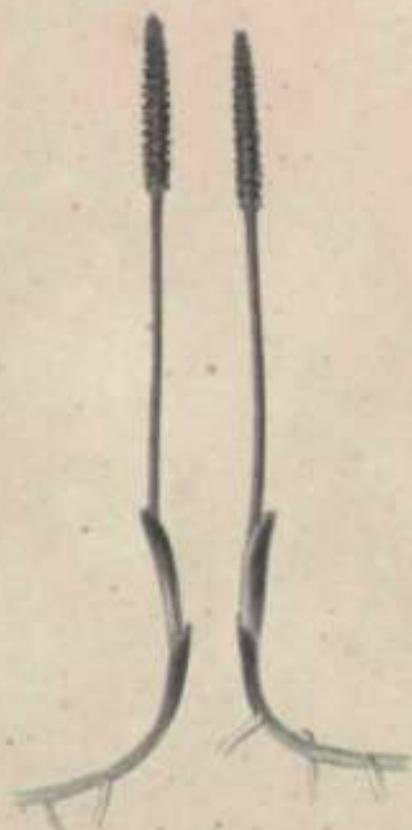


Drawn by H. Peeling

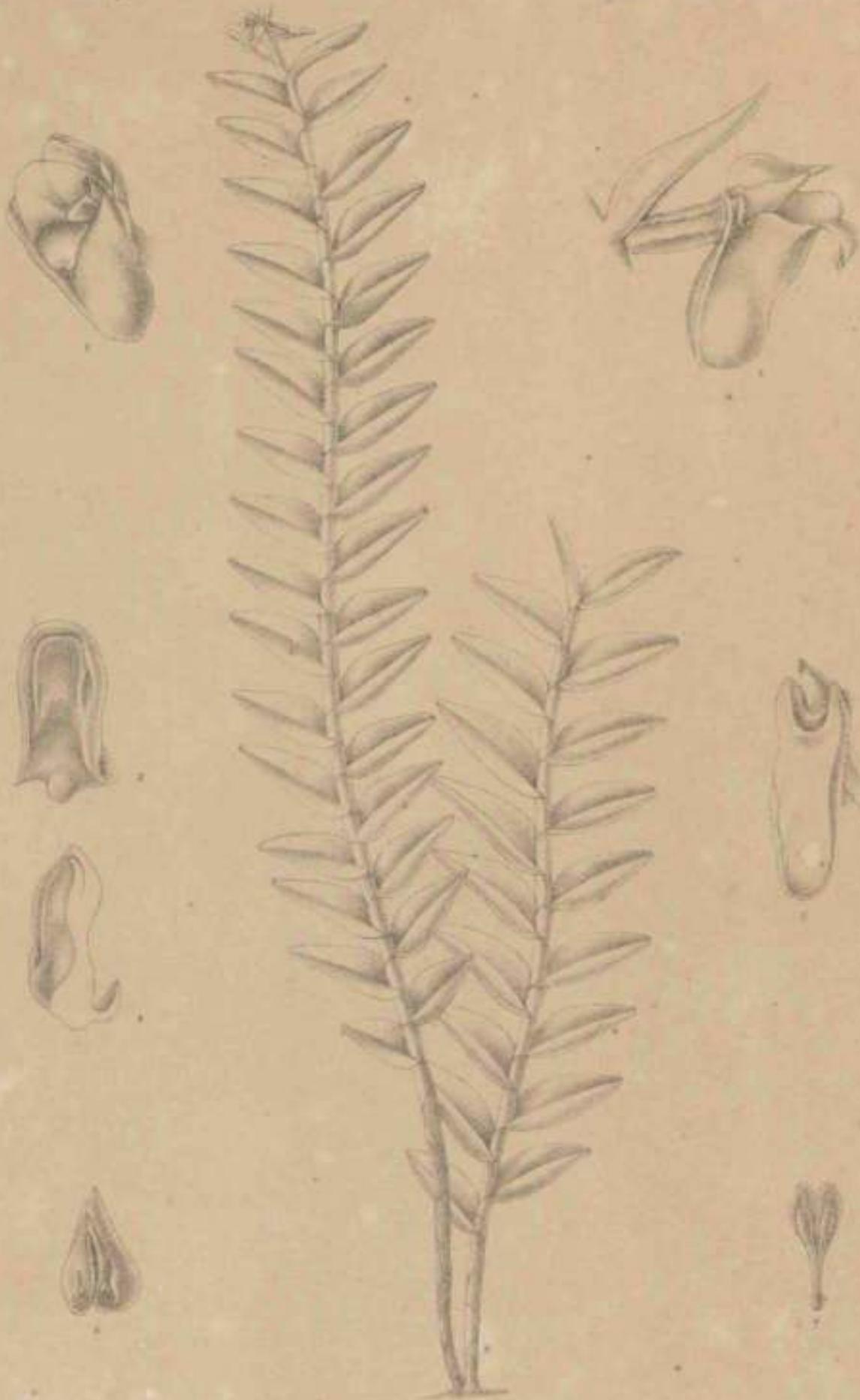
PODOCIBLJB CULTUTUS, Lindl.

Lith. by C. Moore. 1861. 25.













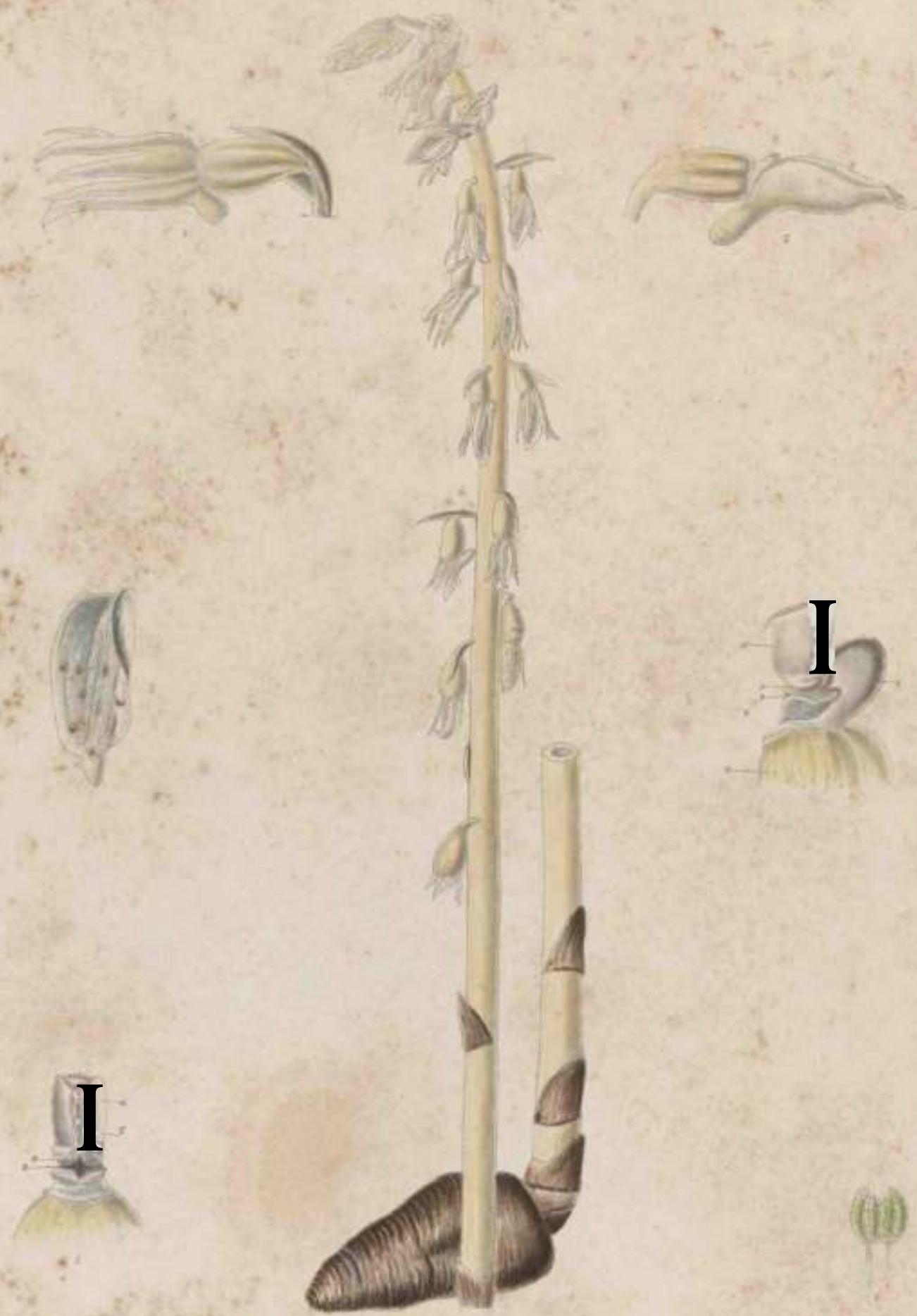


Drawn by J. D. Hooker

PHREATIA ELEGANS, Lindl.

Lith. by C. M'k Epi c°











LiO



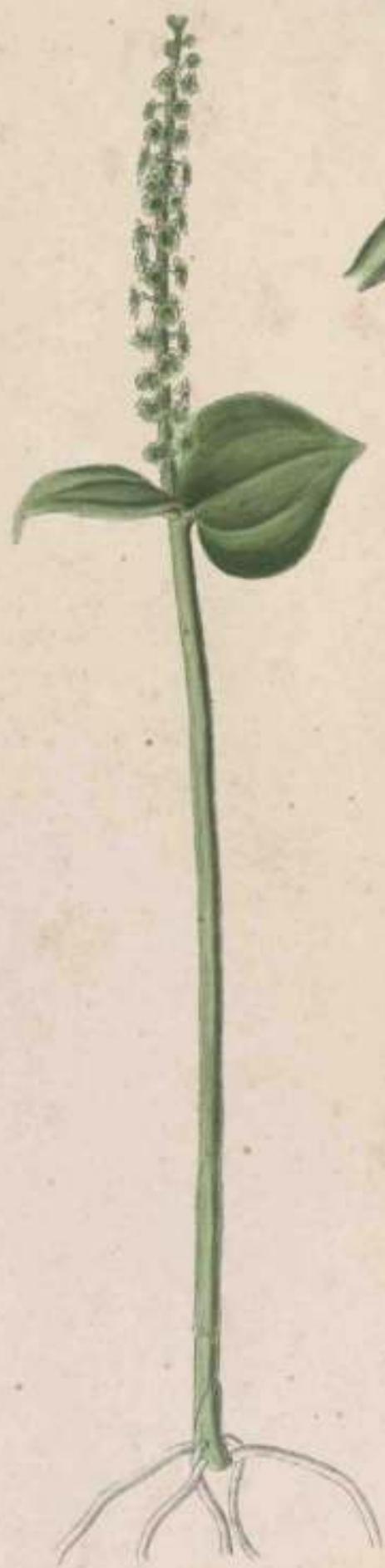
'ERA LOW' CICABILIS, Koenig & Perschling.

Drawn by A. N. Seaman.

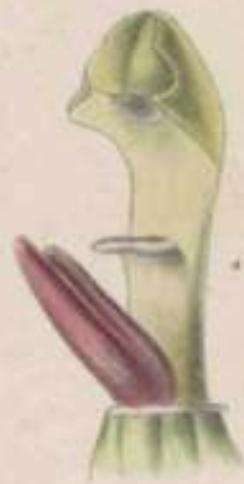
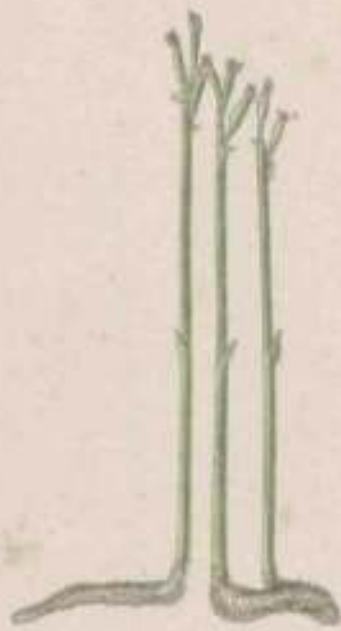
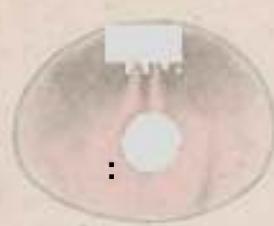
Colored by A. C. Boggs.



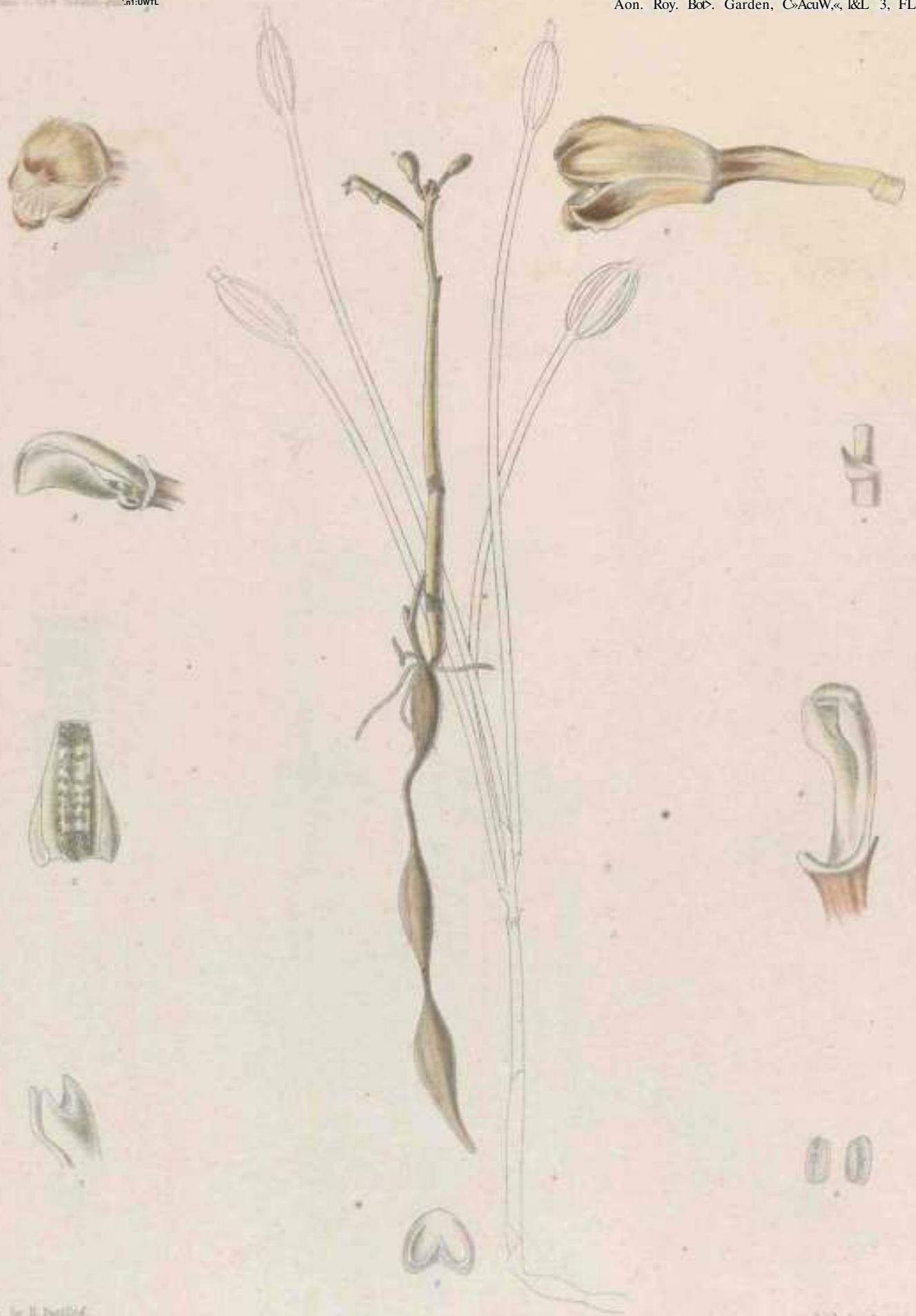
















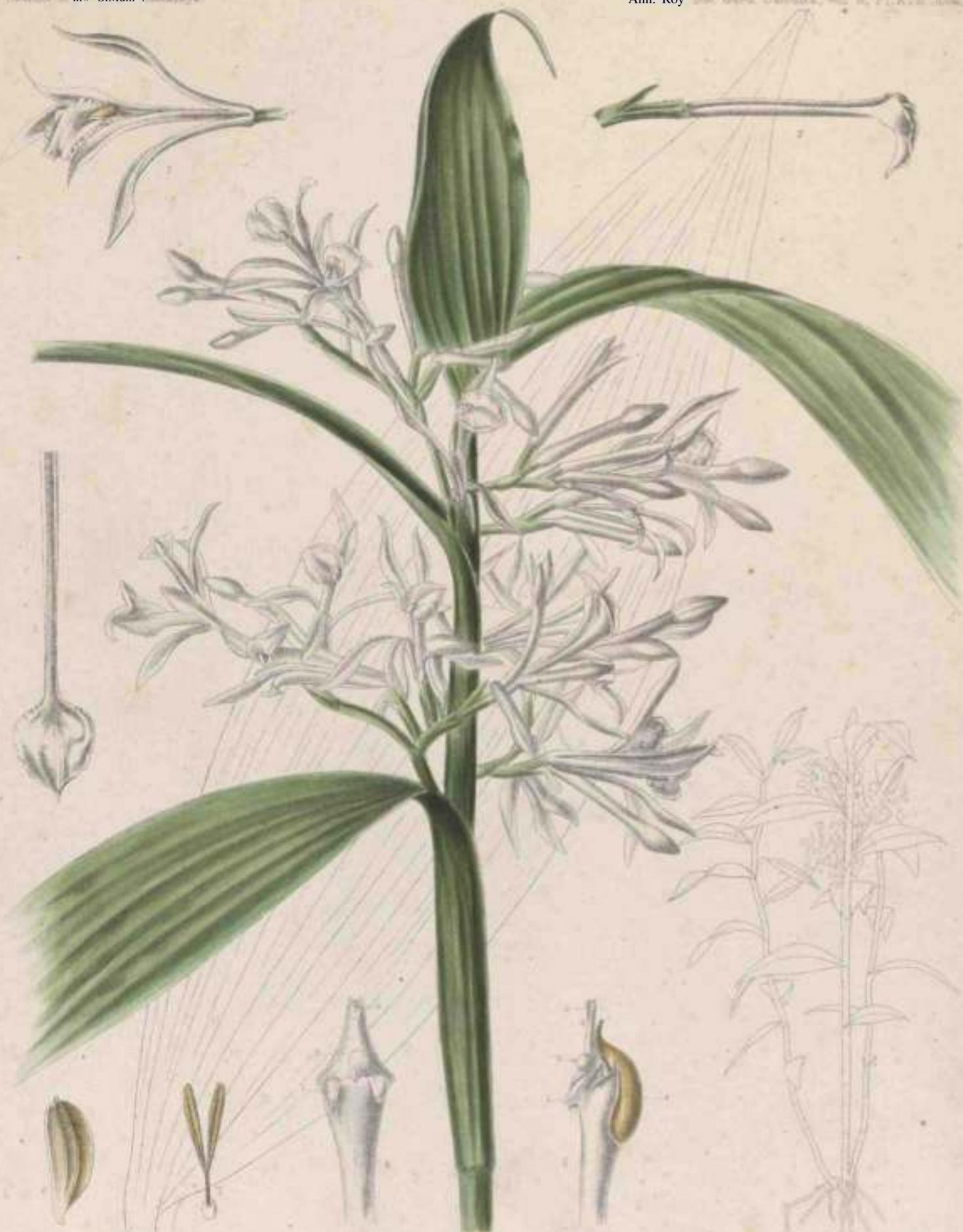










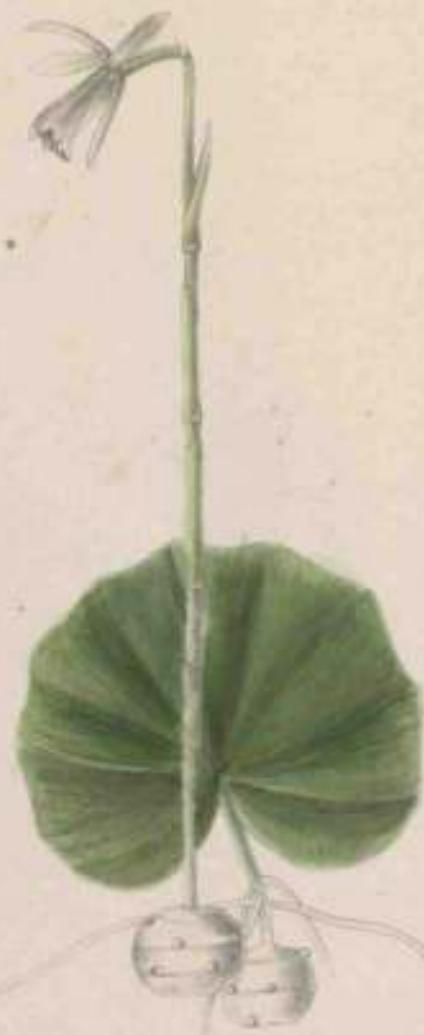


CORYNEURUM VERATRIPOLIA, D. DON, pl.

Digitized by SiMun-

Bengal.

Illustrations of the Indian Flora.



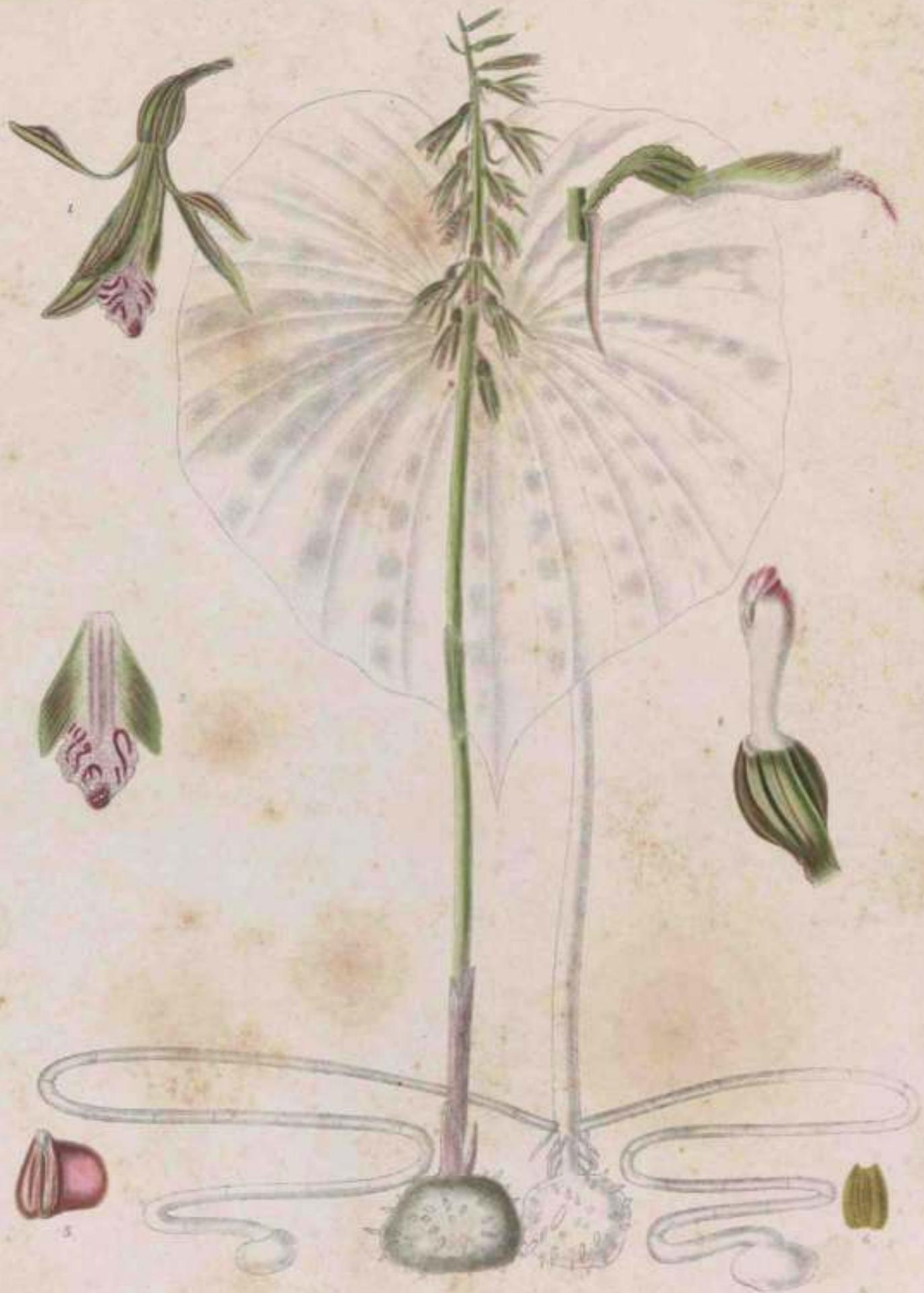




f











CEPHALANTHERA ENSIIFOLIA.















SPIRANTIA STBADIS (Lindl.)

















Drawn by R. Freeling.

Liti by CIQWTI S^i C?

GOODYERA PUMATA, Thw.it.es.



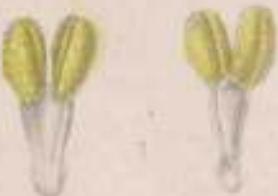
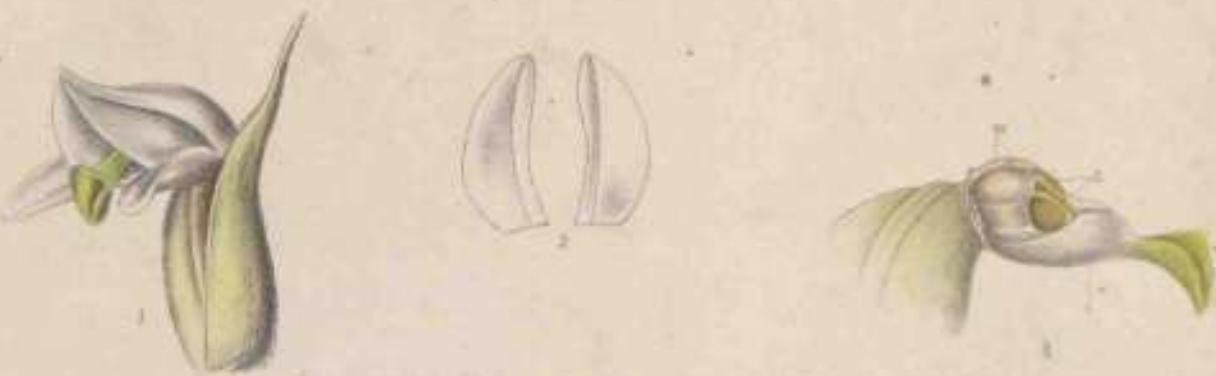
Drawn "by" P. D. Bailey

GOODENIA PROLIXA RA, floric.

v K. D. Cbiudra.



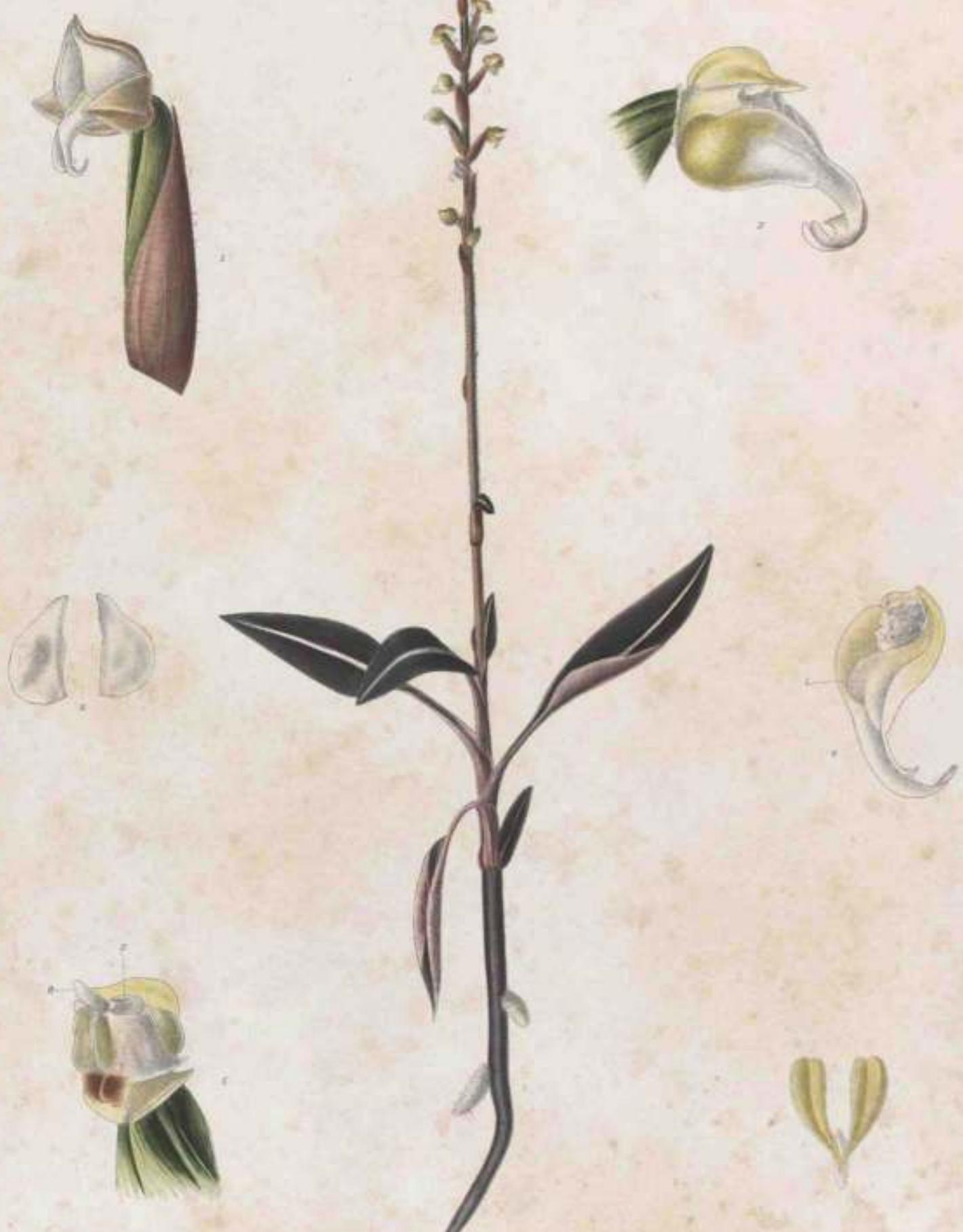






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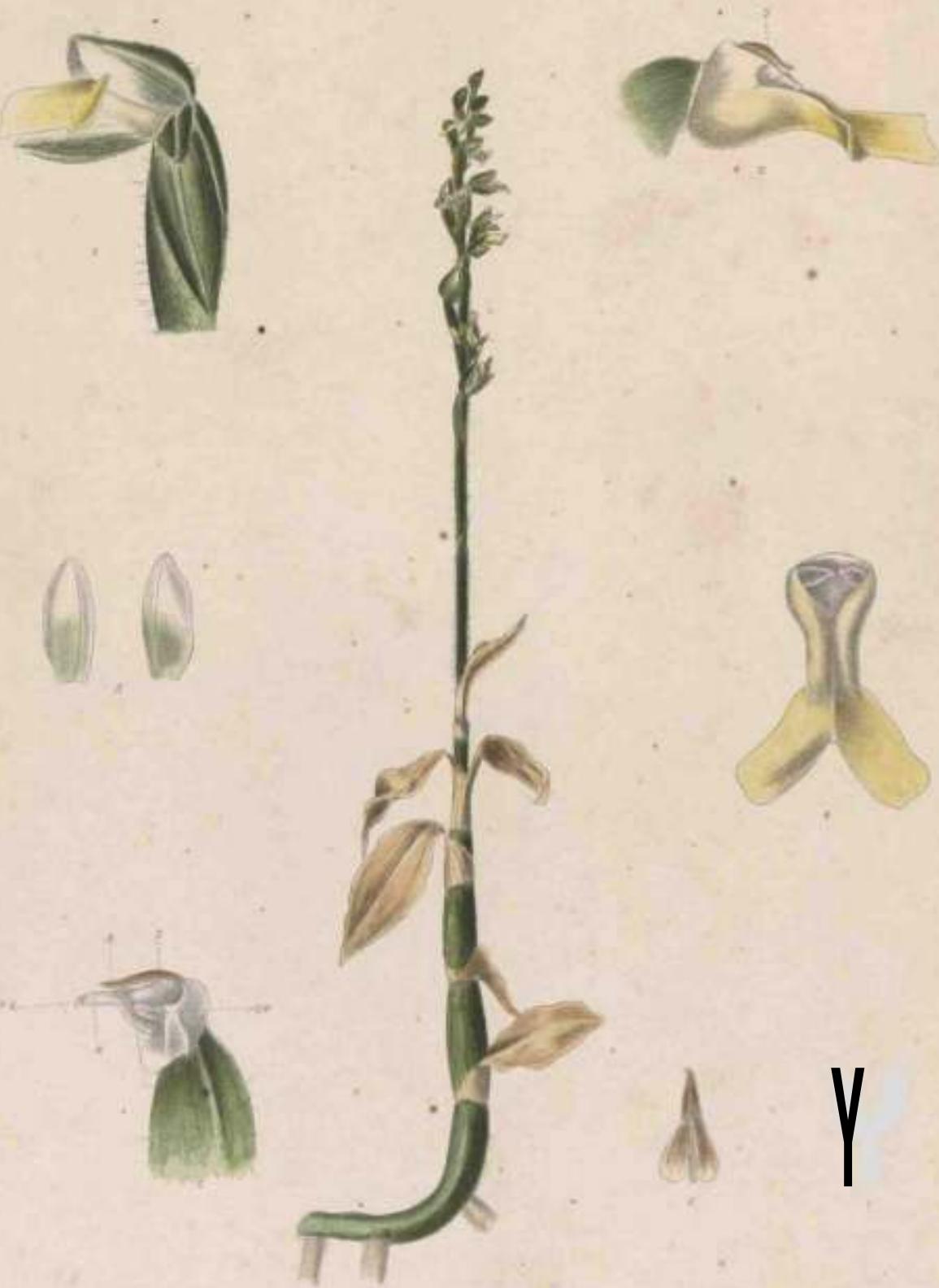


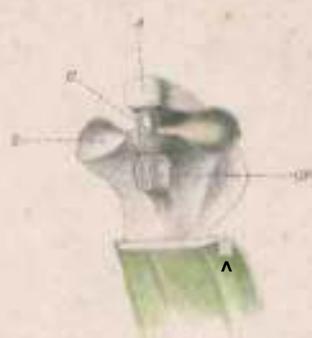






ZEUXLINE AFFINIS, Benth.









Orchids of the Silver-mountain.



Drawn by K. Paulsen.

ODONTOGHLUS LAEVIGATUS, Smith.  
= ABOEDIOCHILUS LAEVIGATUS, Lindl.

Ok by iinw CboVrn. Shpi C<sup>a</sup>.



Drawn by N. P. Flaming

Ophioglossum GRANDIFLUM  
ANOMOCYTHIUM QUADRIFOLIUM.

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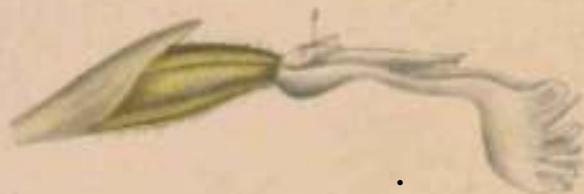


QDONTOCHLUS ELWESII, Clarke  
= ANOECTOCHLUS ELWESII, K. & P.



QDONTOCHLUS CRISPUS, HooV. fl  
as AXOECTOCI!!!<sup>1</sup> CRISPUS •> L"!!







Drawn by R. T. Fawcett

CHEIROSTELIS FRANCHETIANA, Eng. & Fawc.  
— *ICELINE FRANCHETIANA*, K. 4 F.

Drawn by A. C. Muirhead \*





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ORCHIS SPATHIXATA. KnUb fil.

^4 Df Um Slip Ct









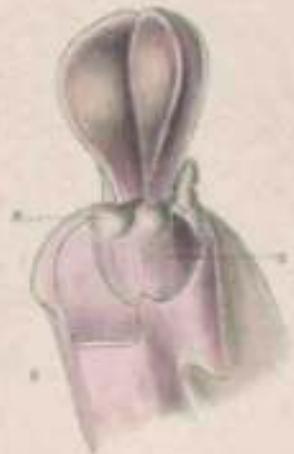
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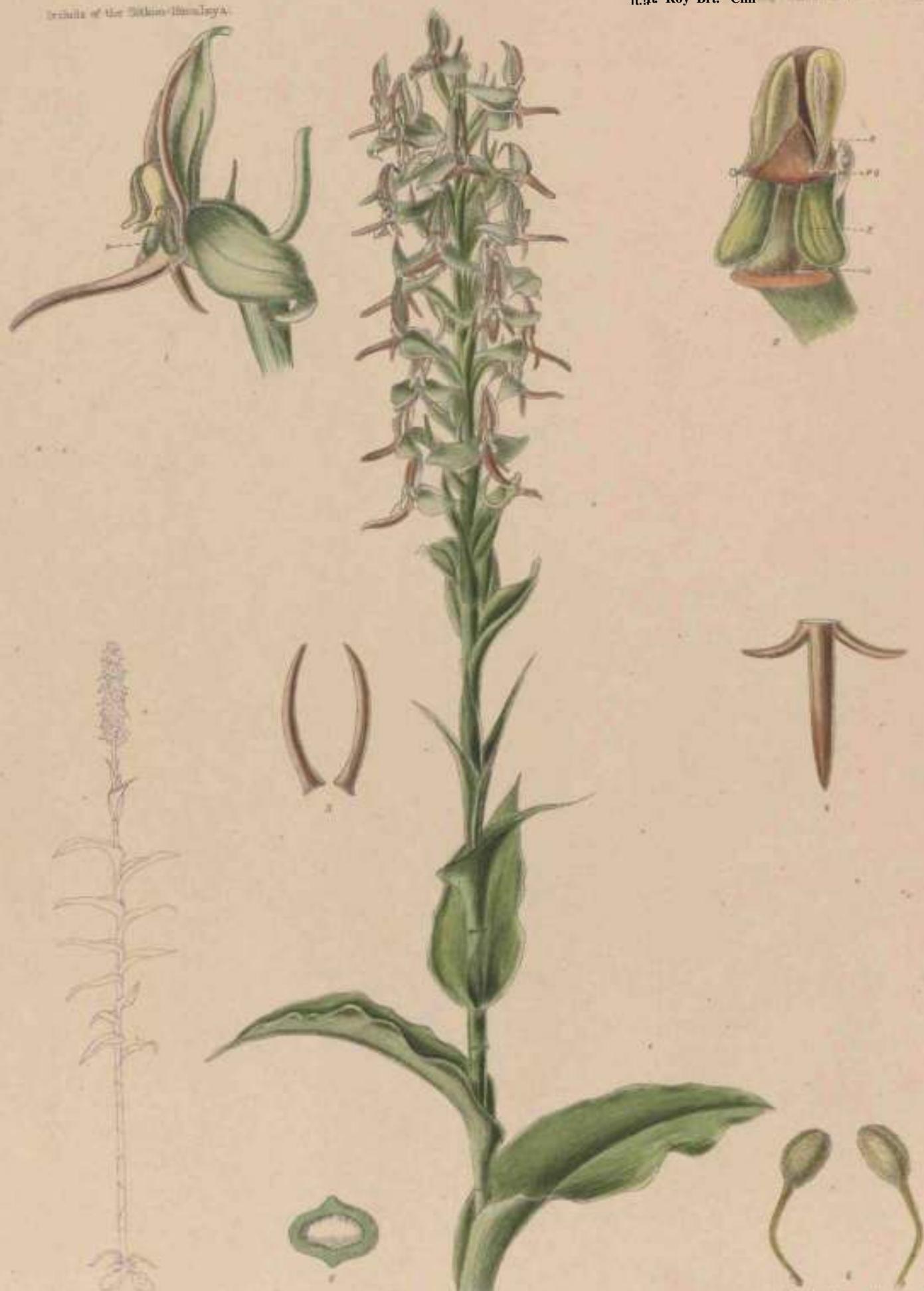




Dnm hy B. Pantling

ORCHIS PUBEEULA, K^ & Pantling

Drawn by A. C. Smee





Dra<sup>1</sup>--

## HAB. STENOPETI

Edited by A. C. Hwang



Drawn by R. Sweeting.

HABENARIA. GENICULATA, Don

Lith. by B. K. Ray.

























Drawn by H. EWIS

HABENARU SIKKIMENSIS, Hook. *Si*

Lith. by Charles Ross, C. 1880.









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HAPNARIA LEPIDOCARION Hook. S.





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HABENM' LATELLERIS, H. aoti



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HABEWARIA PARISHII Hoak fil



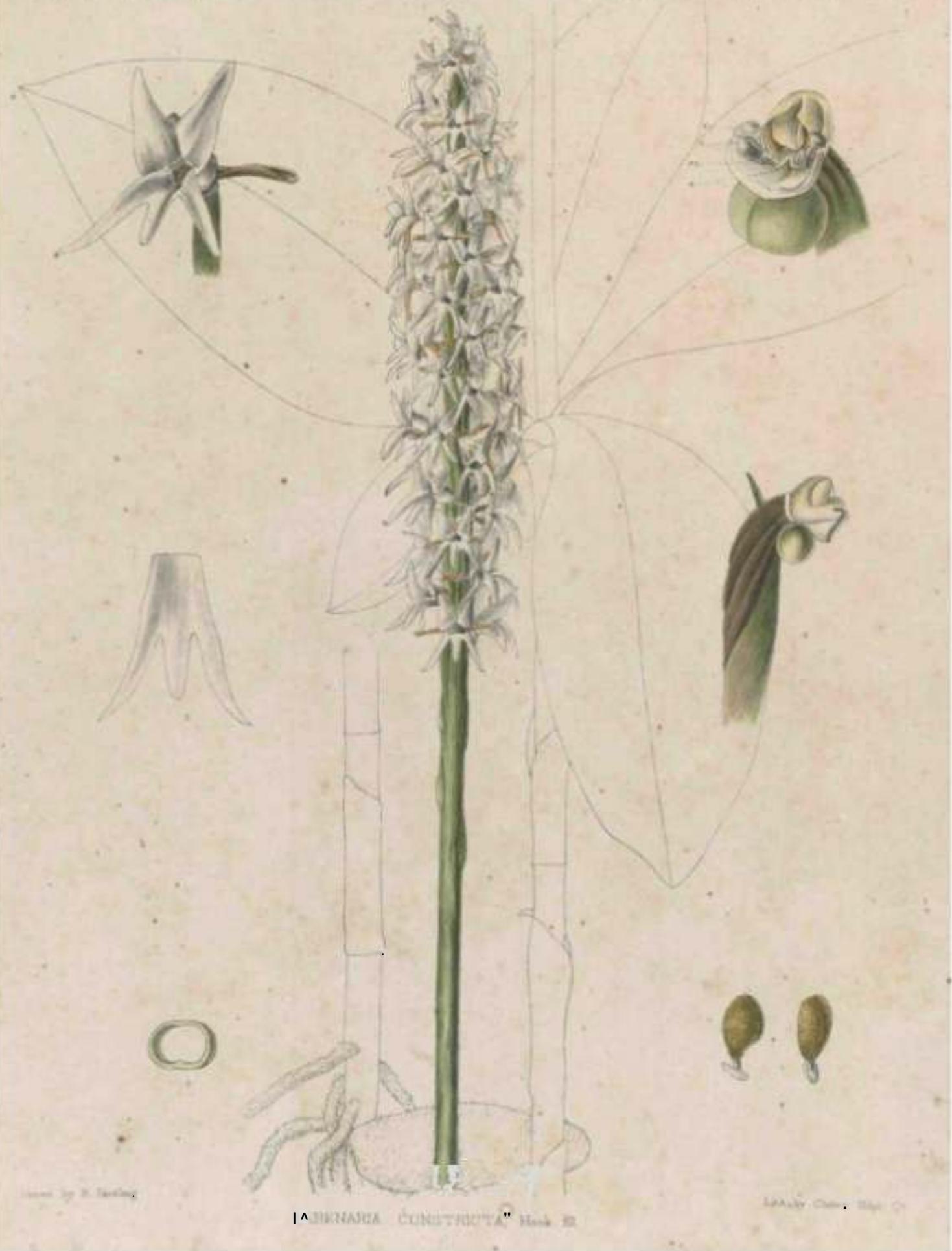
HARENARIA LACERTIFERA, Benth.

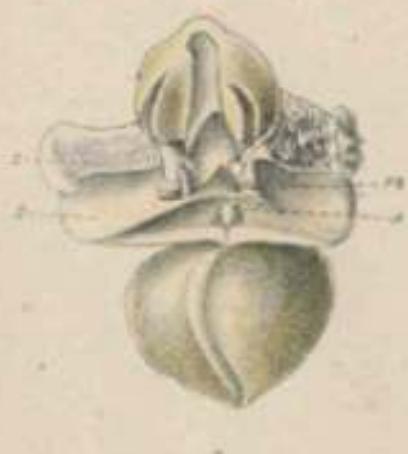
Drawn by J. Pecking.

Lith. by v. D. Metta.

— 11. TENTACULATA. — 12. 13.











Botany of the Indian Peninsula.



Drawn by R. T. Moore.

HABENARUV PSEUDOPHYNE Schlechter.

Lith. by G. C. Bass.

Outline of the Indian Flora



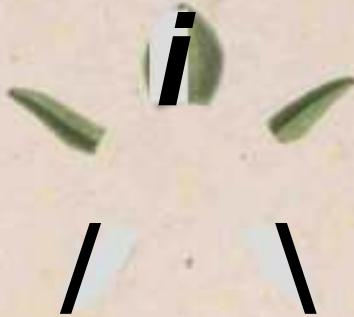
















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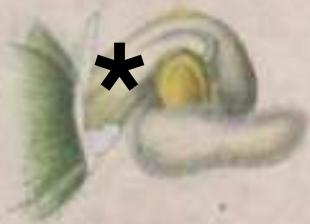




Drawn by R. Duffing

s.u.h. by A. C. Si calotul

CYFEUFEDIUM VElstUSTDU.Wall.







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ANNALS

OF THE

ROYAL BOTANIC GARDEN, CALCUTTA.

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Tol. Till

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THE  
ORCHIDS OF THE SIKKIM-HIMALAYA.

By  
G. KING AND R. PANTLING.

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CALCUTTA:

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1898.

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By

GEORGE KING, K.C.I.E., M.B., LL.D., F.R.S.,

Superintendent of the Royal Botanic Garden, Calcutta,

and

ROBERT PANTLING,

Deputy Superintendent of the Government Cinchona Plantation, Sikkim.

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PART III.

*PLATES OF EPIDENDREAE AND VANDEAE.*

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PART IV.

*PLATES OF LI8TEREAE, GOODYEREAE, OPSRYDEAE AND CYPRIPEDIEAE.*

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