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B I O L O G I A
C E N T R A L I - A M E R I C A N A ;

OR,

CONTRIBUTIONS TO THE KNOWLEDGE

OF THE

F A U N A A N D F L Ò R A

OF

MEXICO AND CENTRAL AMERICA.

EDITED BY

F. DUCANE GODMAN AND OSBERT SALVIN.

B O T A N Y .

V O L . V .

BY

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AUTHOR OF THE " BOTANY OF THE ' CHALLENGER ' EXPEDITION," &c.

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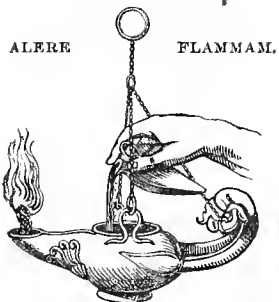
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* *Phaeospherion leiocarpum* on the Plate.

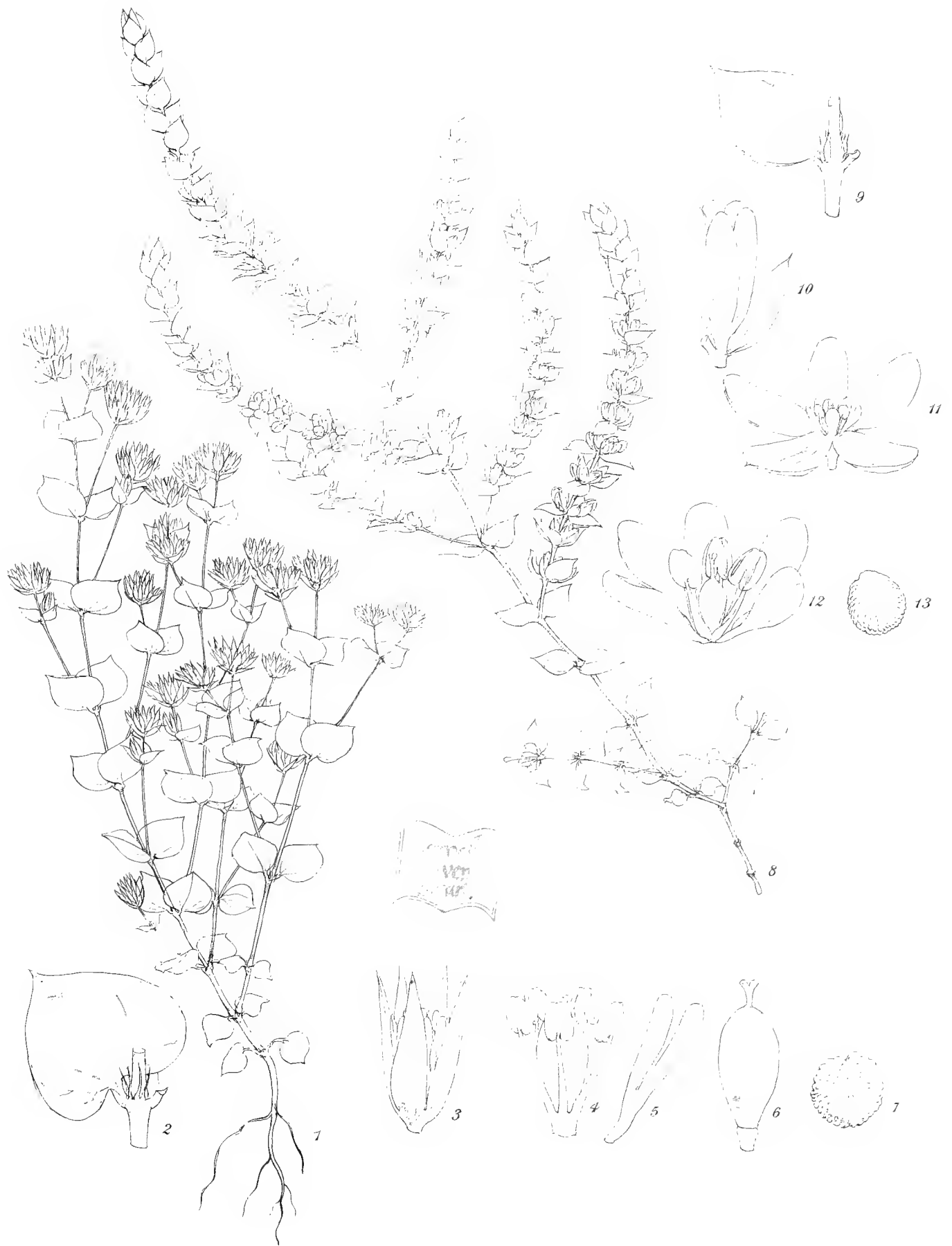


THELYPODIUM PETIOLATUM, *Hemsl.*

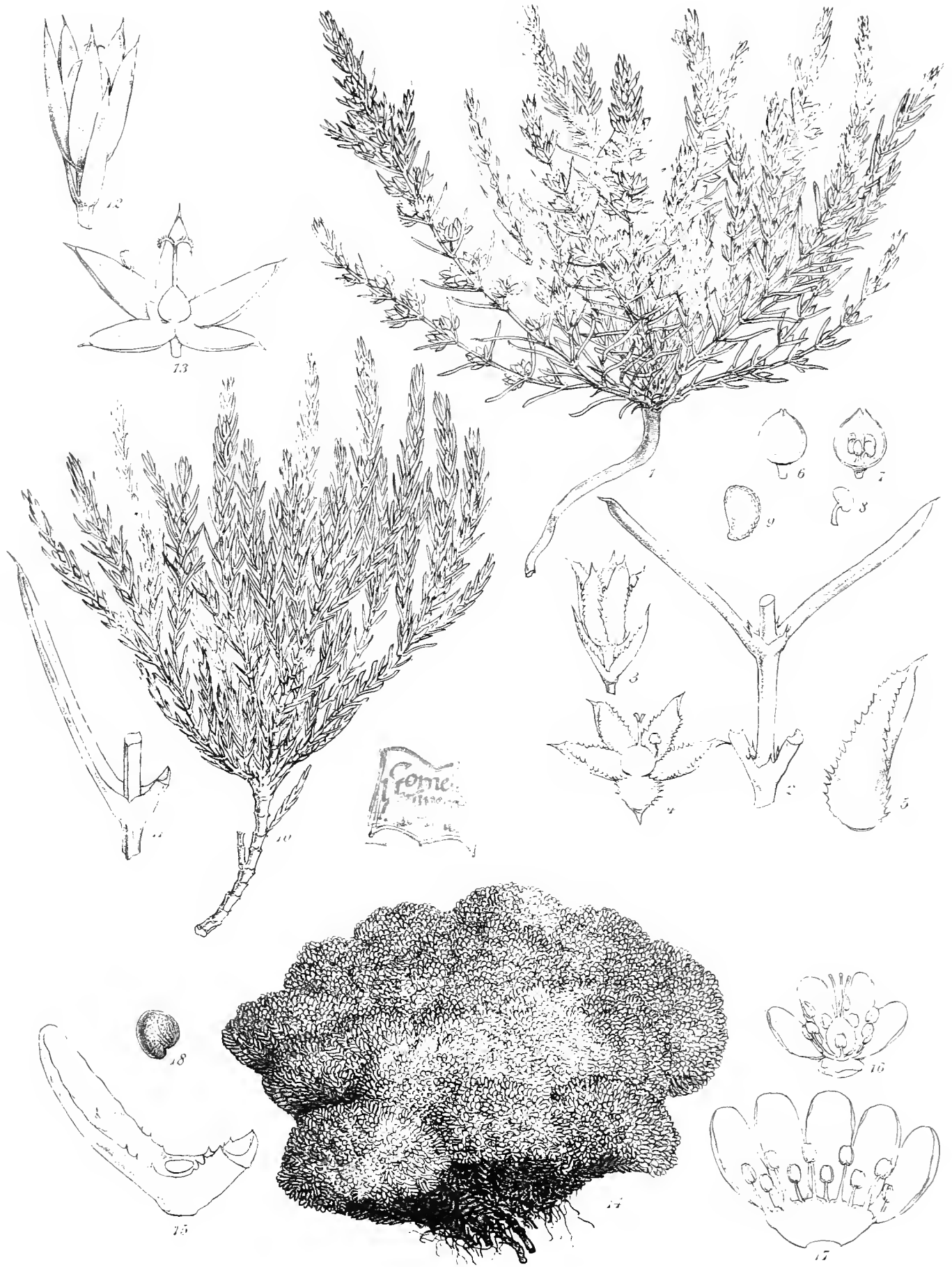


COCHLOSPERMUM HIBSCOIDES HBK

1844



17 DRYMARIA LEPTOCLADOS, *Hemsl*
 8.13 " XEROPHYLLA, *A. Gray*



1-9 CERDIA CONGESTIFLORA, Fensl. 10-13 C. GLAUCA, Hensl.
 14-18 ARENARIA BRYOIDES, Willd., var. GUATEMALENSIS Fensl.



TOVOMITA STYLOSA, Hemsl.

托木提花



1.6 MARCGRAVIA NEPENTHOIDES, Seem
 7.12 " AFFINIS, Fernald.

Chamaecyparis

Chamaecyparis



SAURAUJA PAUCISERRATA



PELLICIERA RHIZOPHORÆ, Pl. et Fr



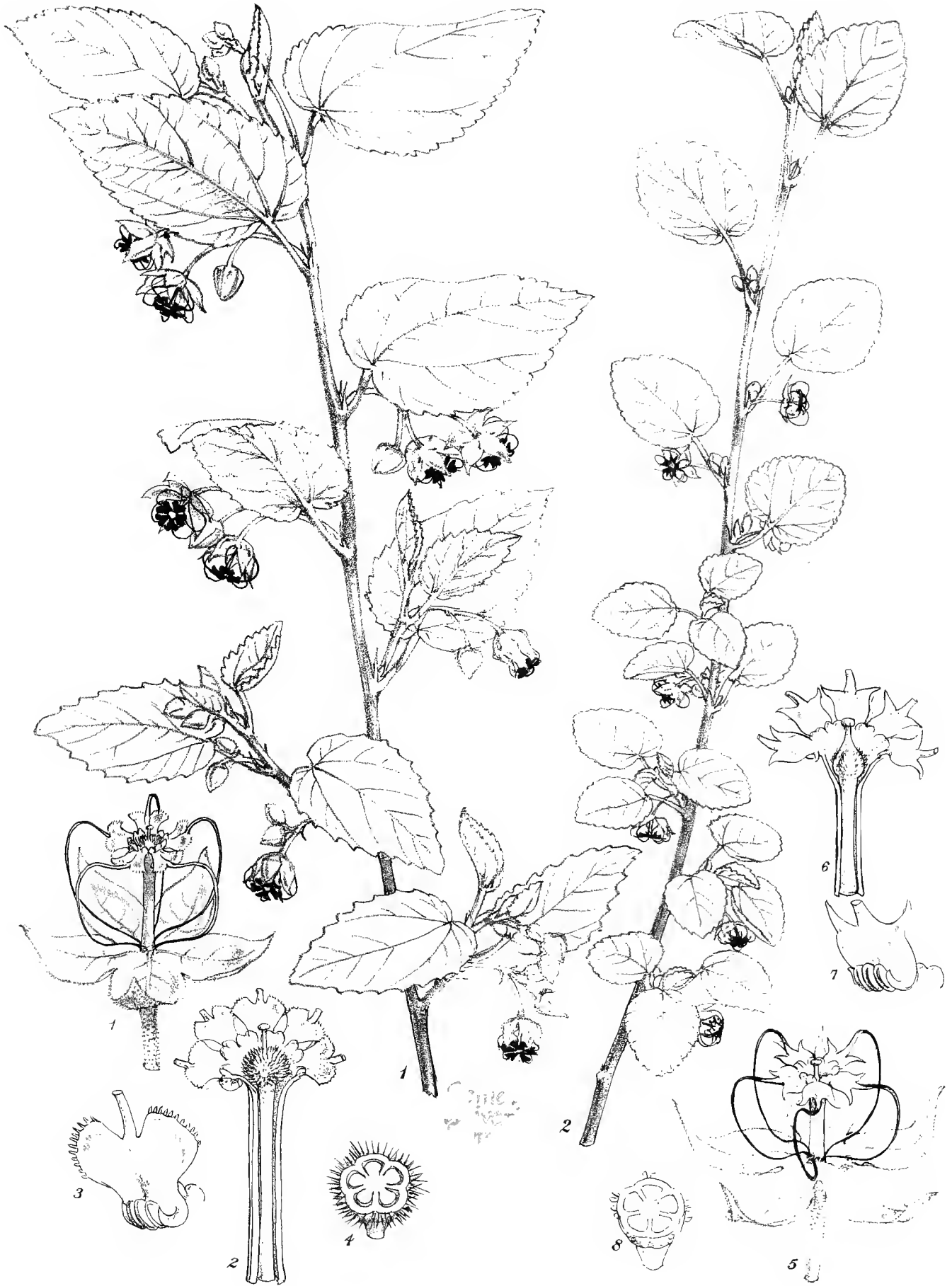
SIDA LINDENIANA, Turcz.



97.
Quararibea

QUARARIBEA PTEROCALYX, Hemsl

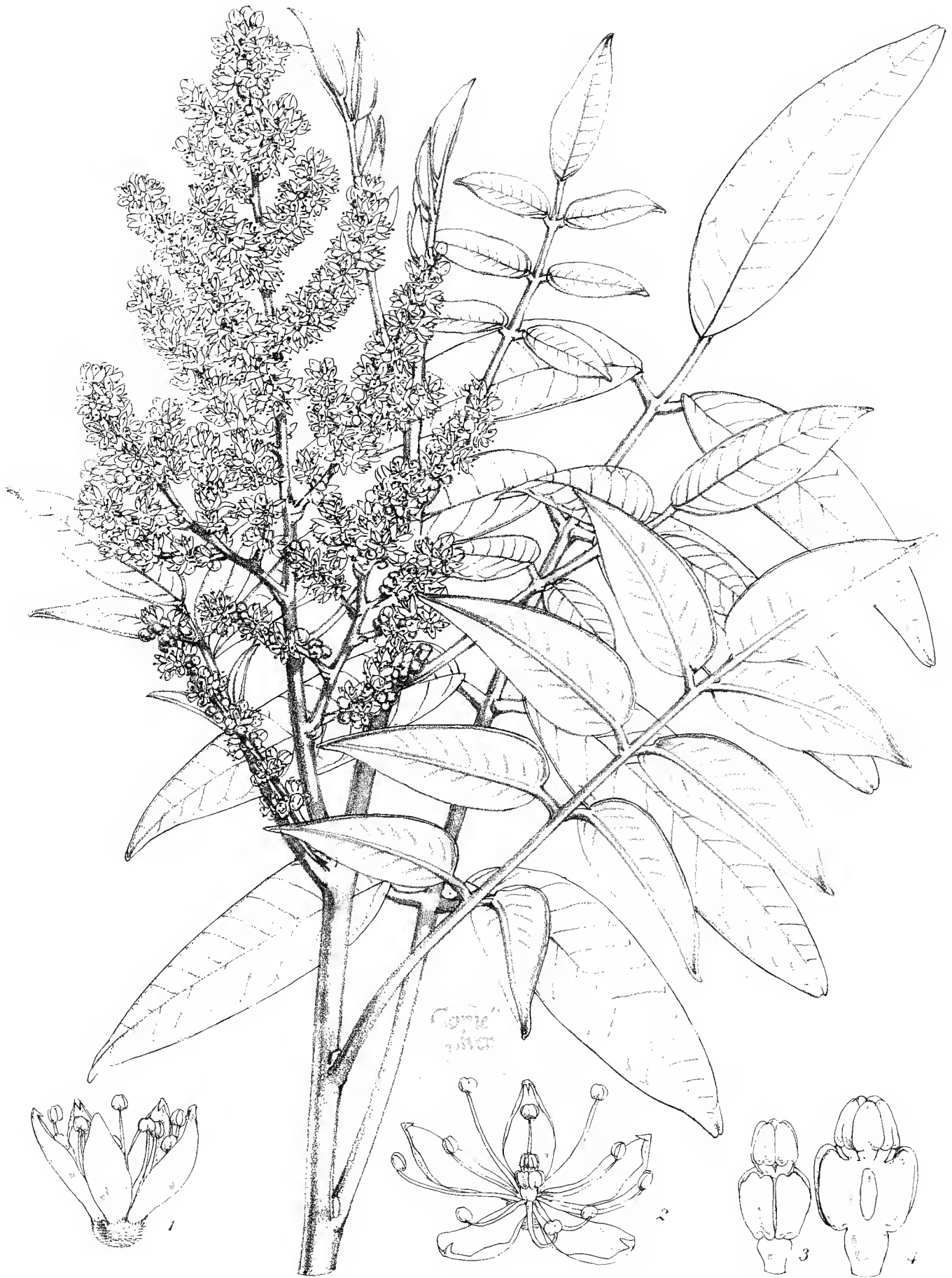
1850



1 AYENIA OVATA, *Hemsl.*
 2 " ROTUNDIFOLIA, *Hemsl.*



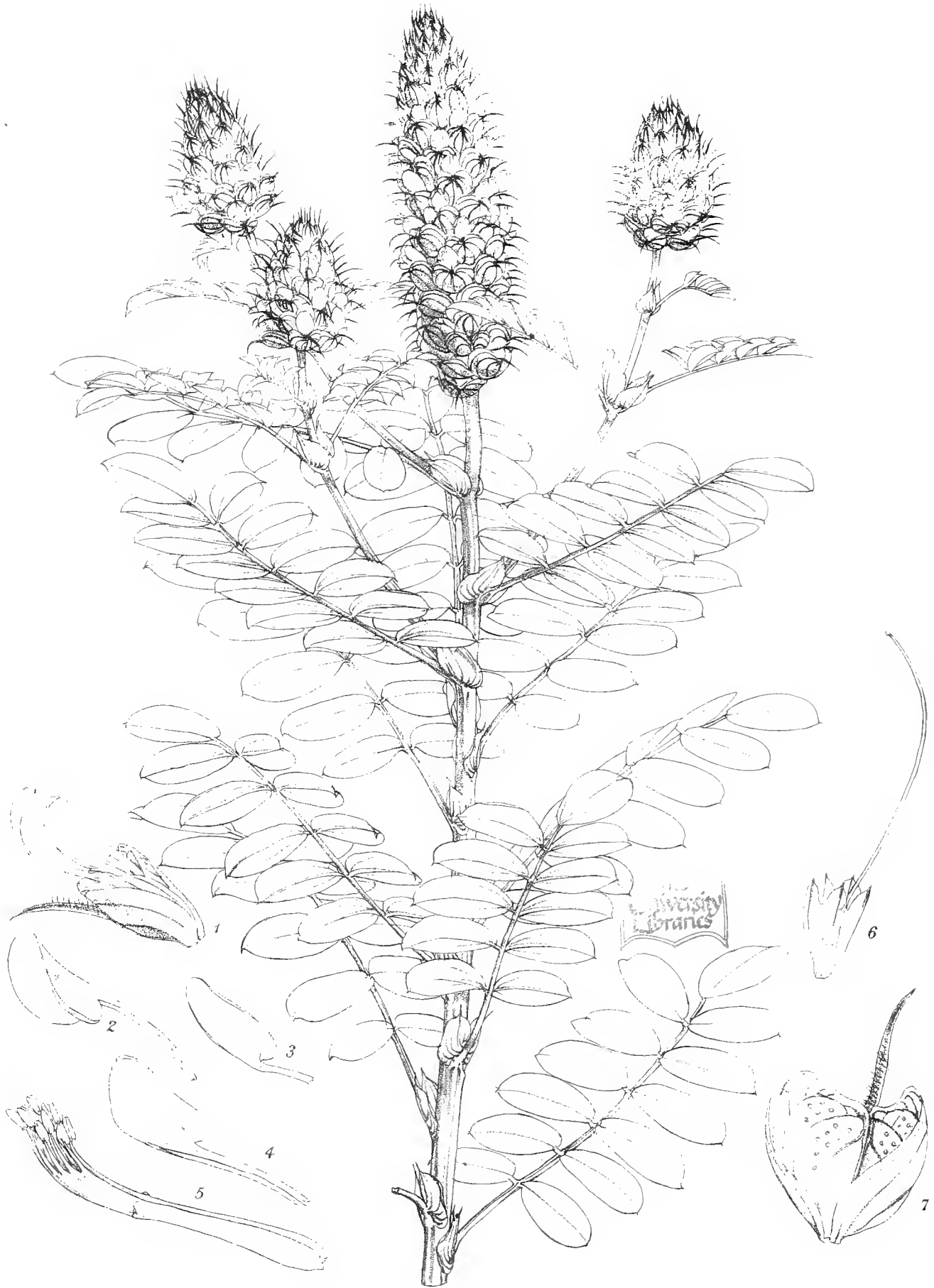
ERYTHROCHITON LINDENI, *Hemsl*



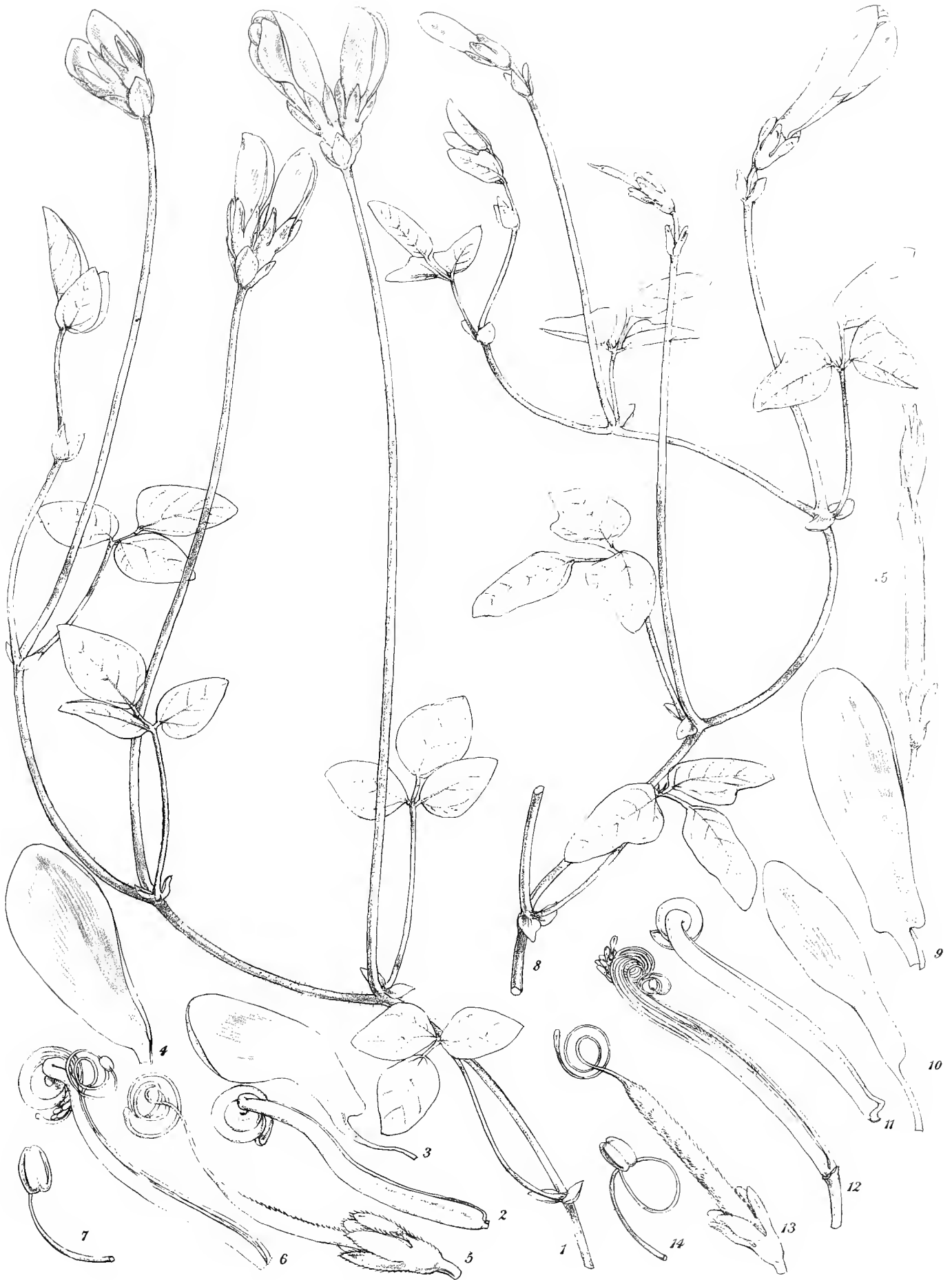
DECATROPIS COULTERI, Hook fil.



SCHŒPFIA VACCINIIFLORA, Fernald



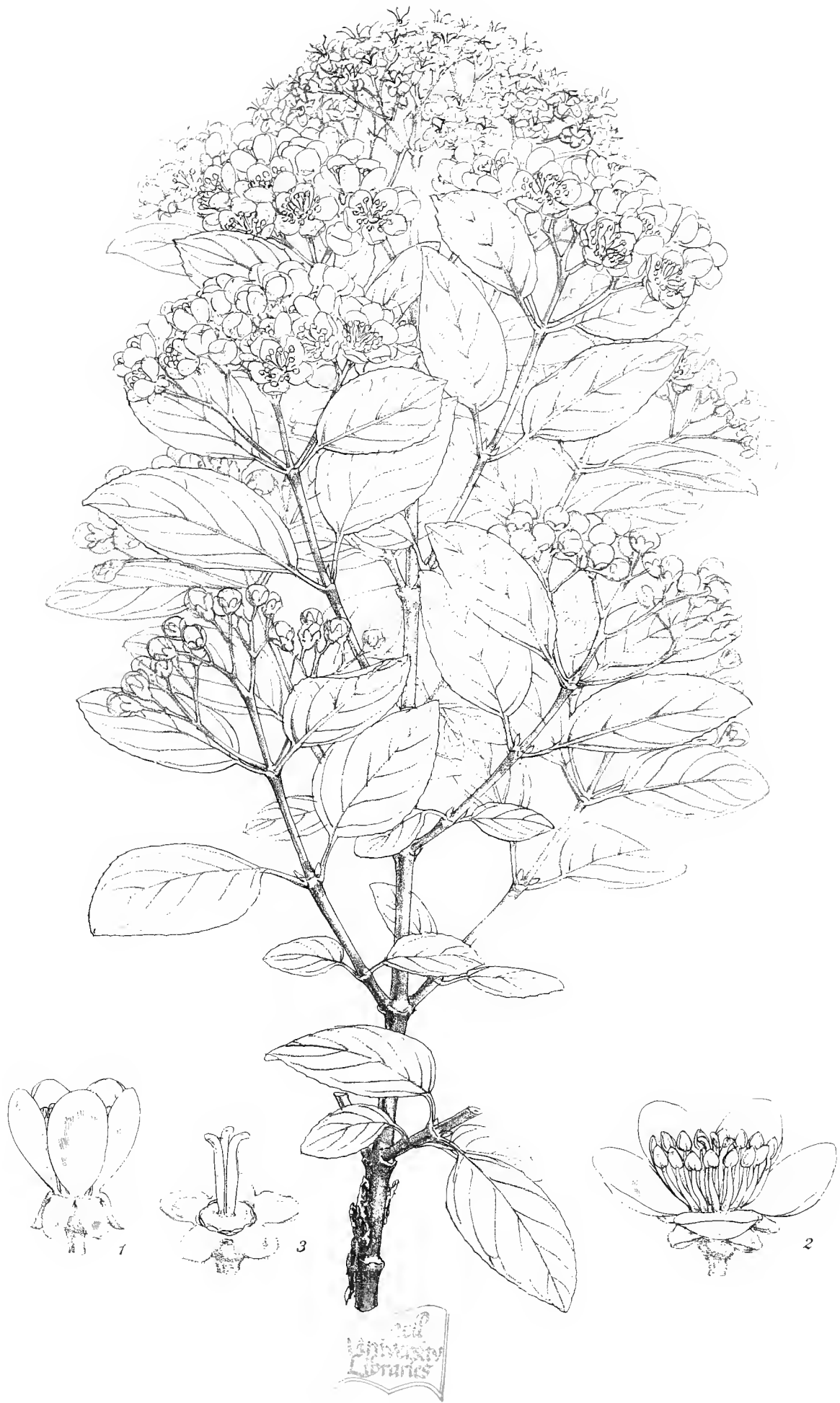
DALEA INSIGNIS, Hemsl



1-7 MINKELERSIA BIFLORA, Hemsb.
 8-15 " GALACTIOIDES, Mart. et Gal.



PTEROCARPUS HAYESII, *Hemsl.*



DEUTZIA MEXICANA, Hemsl.



COTYLEDON BATESII, *Hemsl.*



SEDUM BOURGÆI, *Hemsl.*



SEDUM CUPRESSOIDES, *Hemsl.*



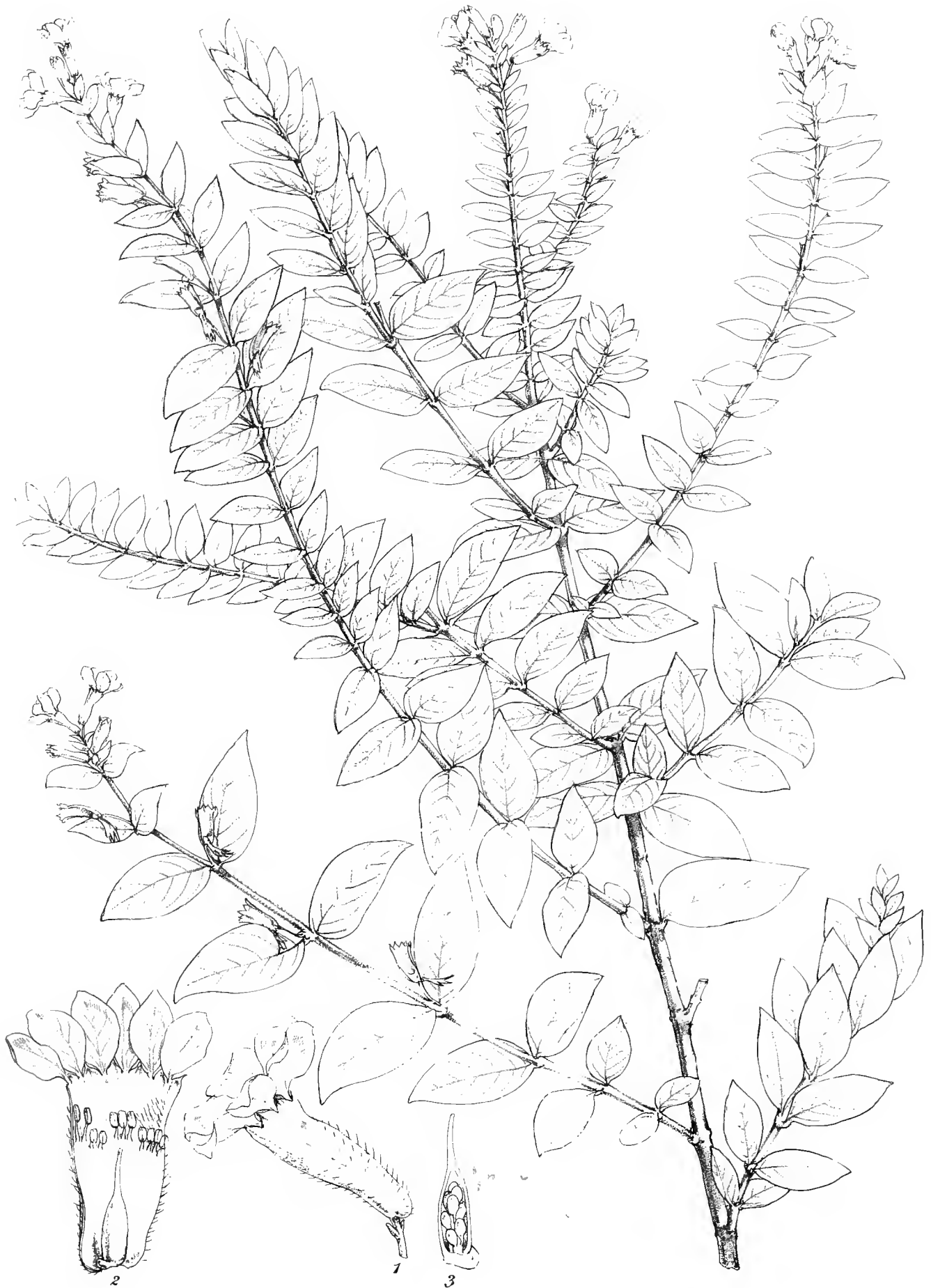
GUSTAVIA SUPERBA Berg. var. SALVINIE, Hemsl

U Salvin del Fitch hbh

Hanhart 1892
100



BLAKEA GRACILIS, Fernald.



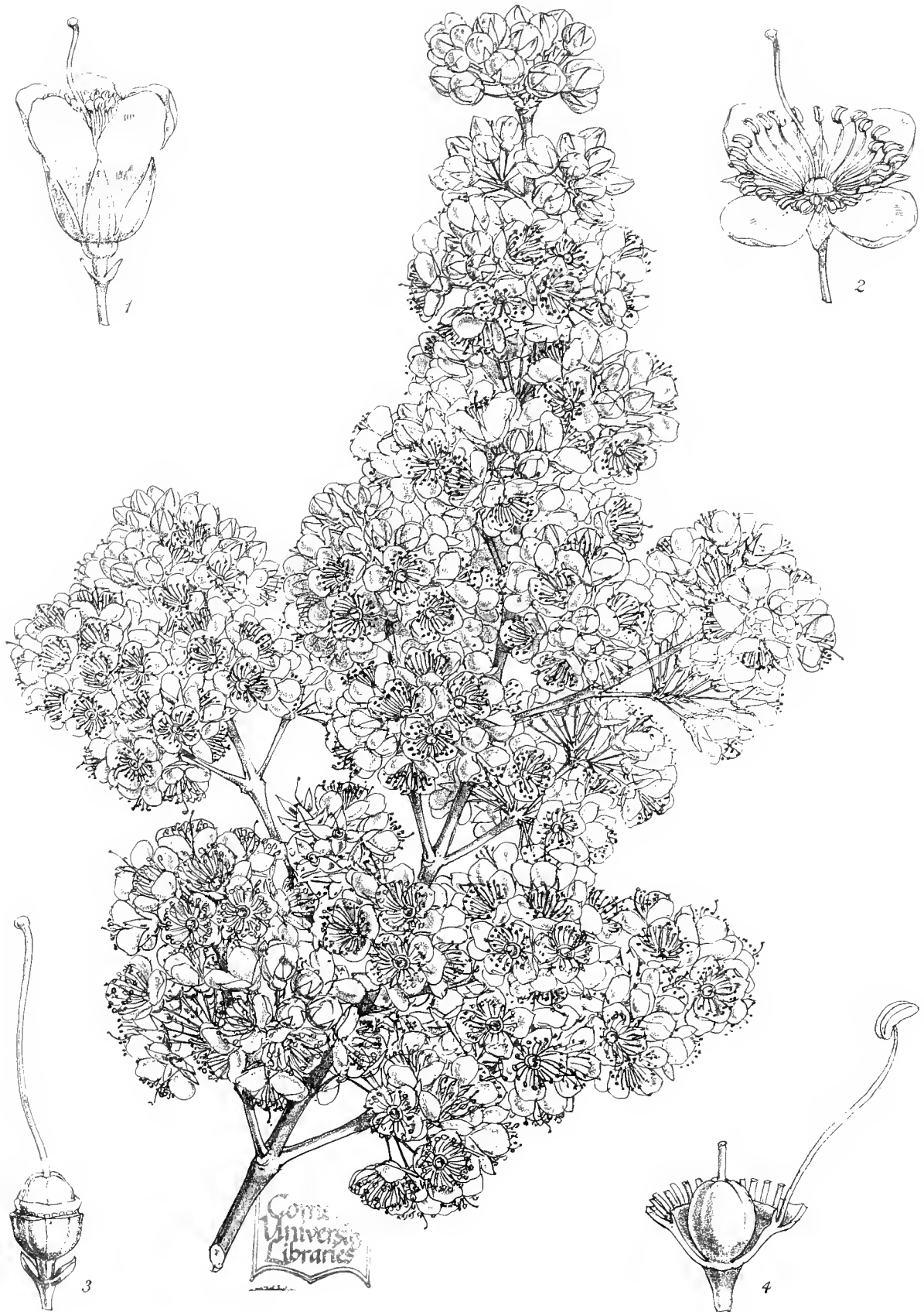
CUPHEA ANISOPHYLLA, *Hemsl*



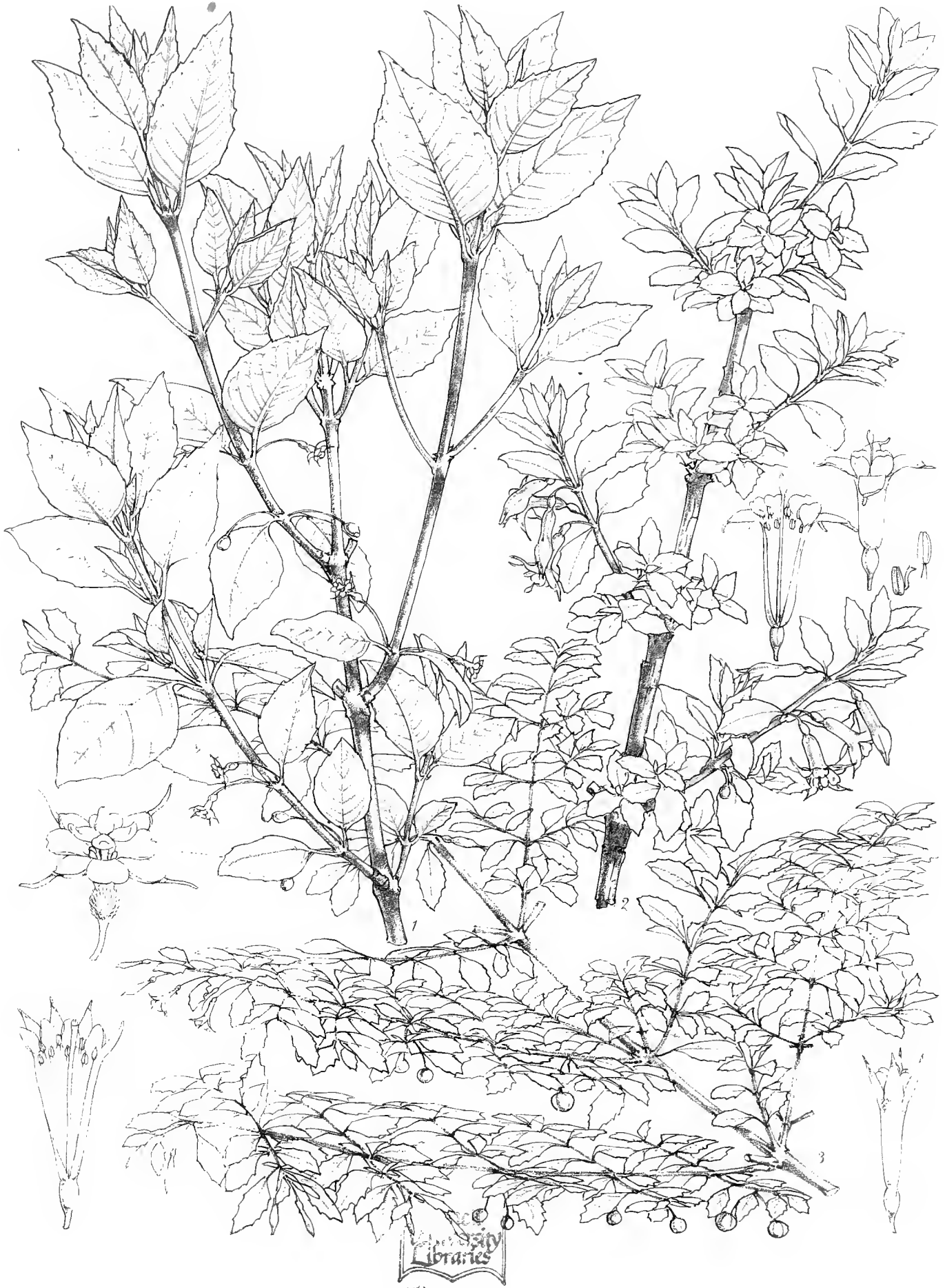
1-5. CUPHEA BUSTAMANTA, La Llave et Lex
 6-10. " GRACILIFLORA, Zuccer



CUPHEA DODECANDRA, *Hemsl.*



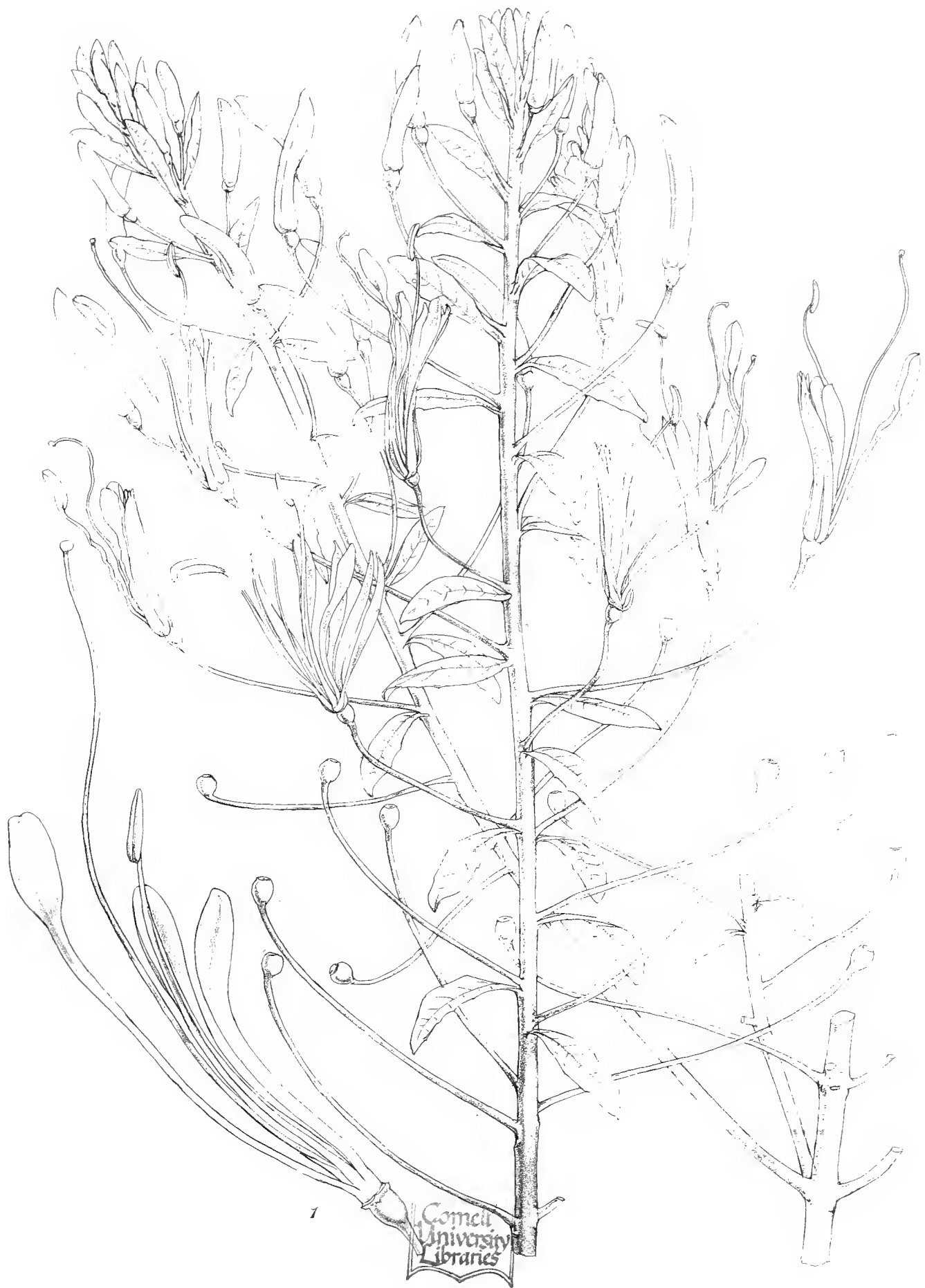
ANTHERYLIUM NUDIFLORUM, Hemsl.



1 FUCHSIA MINIMIFLORA, Hemsl.
 2 F MIXTA, Hemsl. 3 F MINUTIFLORA, Hemsl.



1 HAUYA ELEGANS, Moq et Sess.
2 H BARCENÆ, Hemsl. 3 H. CORNUTA, Hemsl.



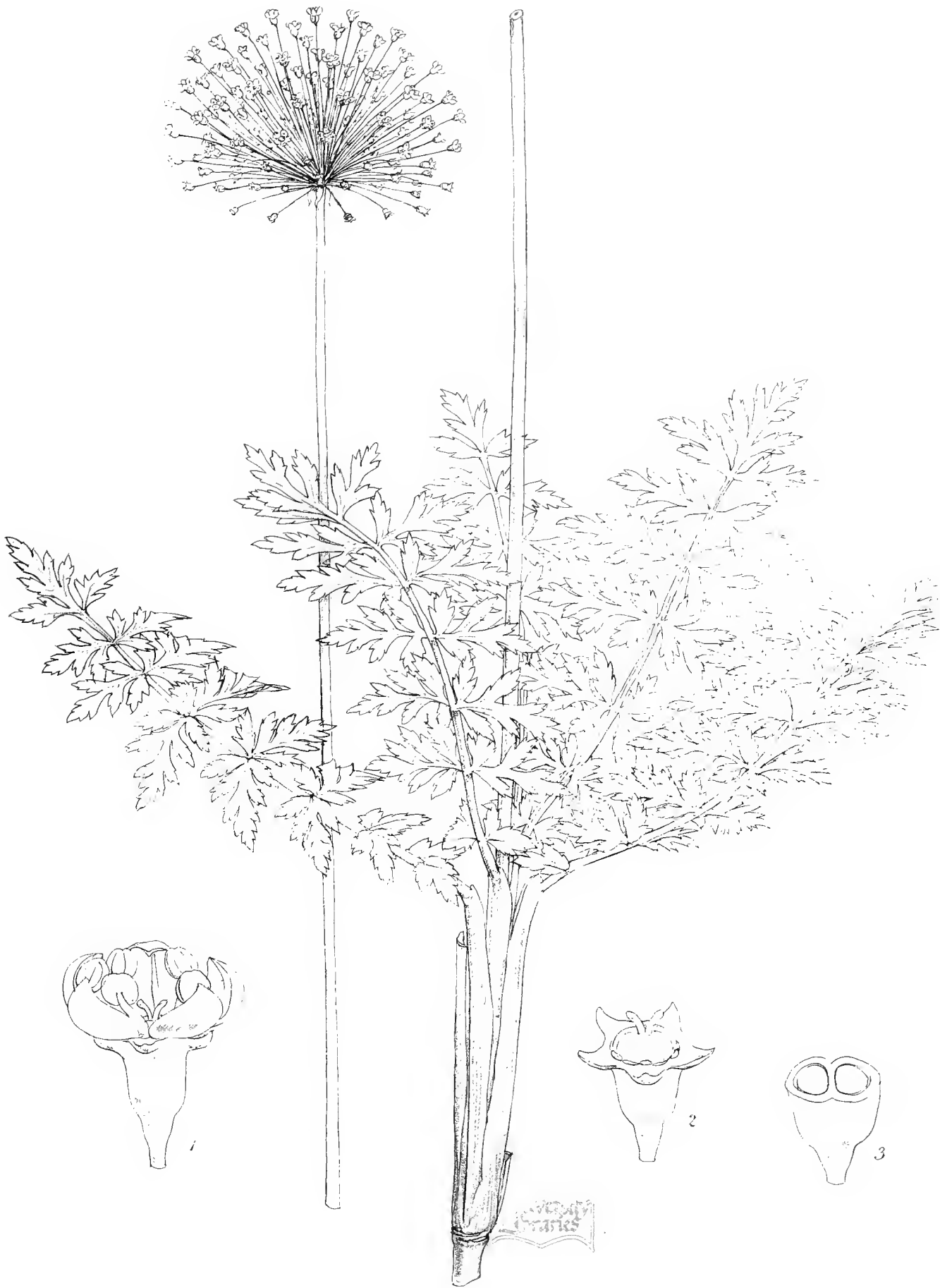
LOPEZIA INSIGNIS, *Hemsl*



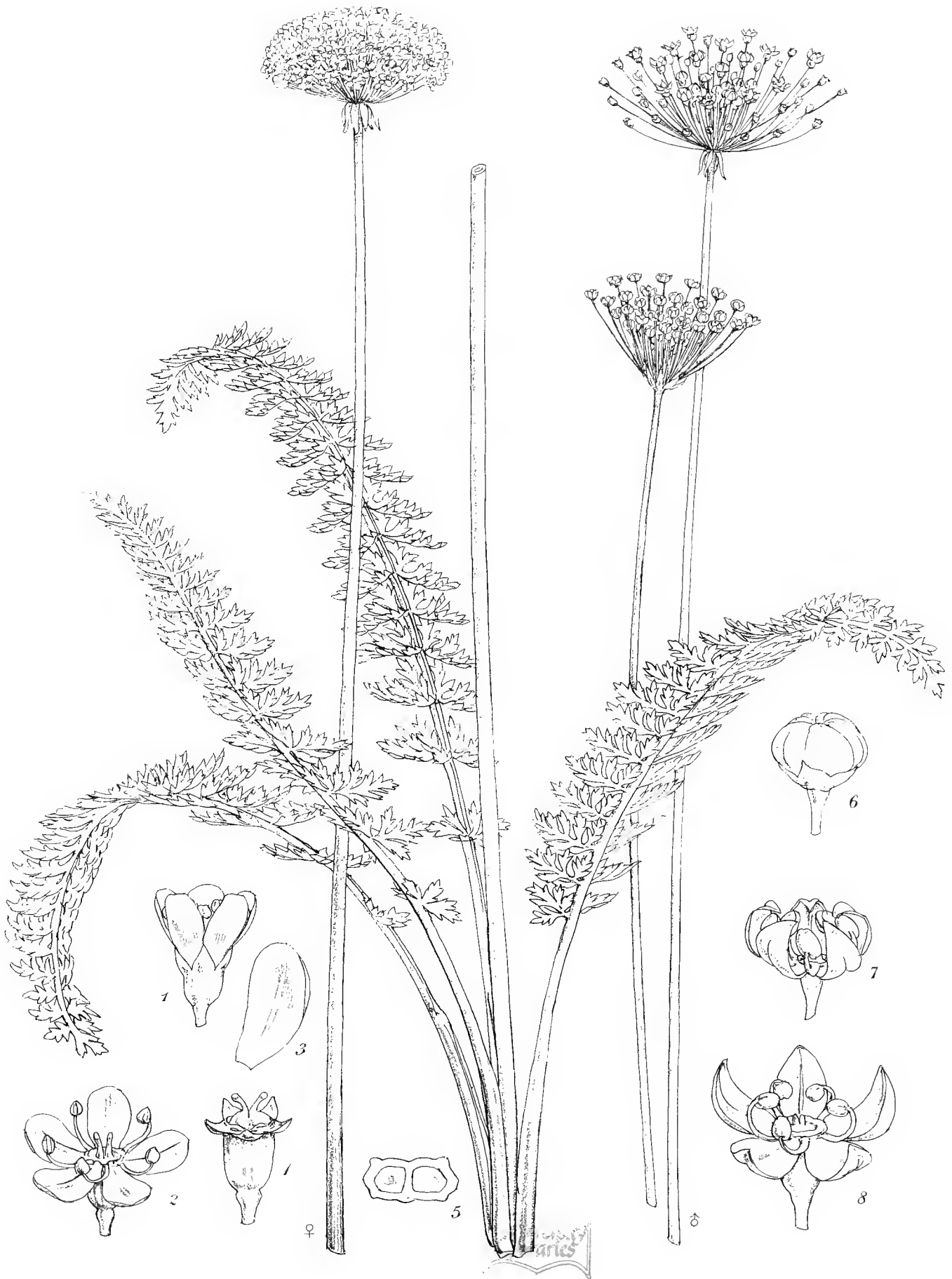
MICROSECHIUM GUATEMALENSE, Hemsl.



ASTERISCIMUM FLEXUOSUM, *Hemsl*



OREAMYRRHIS(?) GRACILIPES, Hemsl



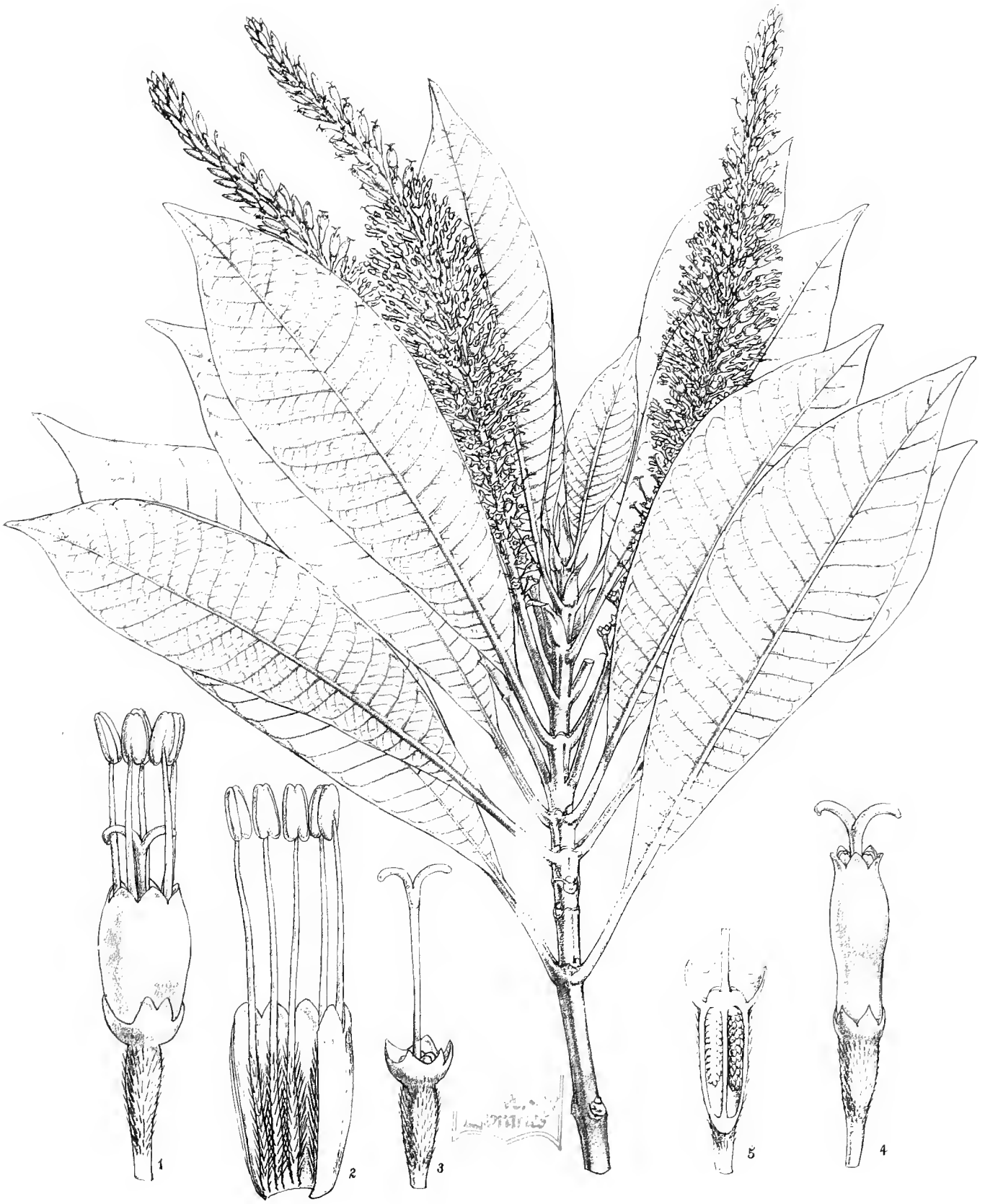
♀, 1-5 OREOMYRRHIS(?) PLANIPETALA, *Hemsl.*
 ♂, 6-8 (?) GRACILIPES, *Hemsl.*



OREOPANAX SALVINII, Hemsl



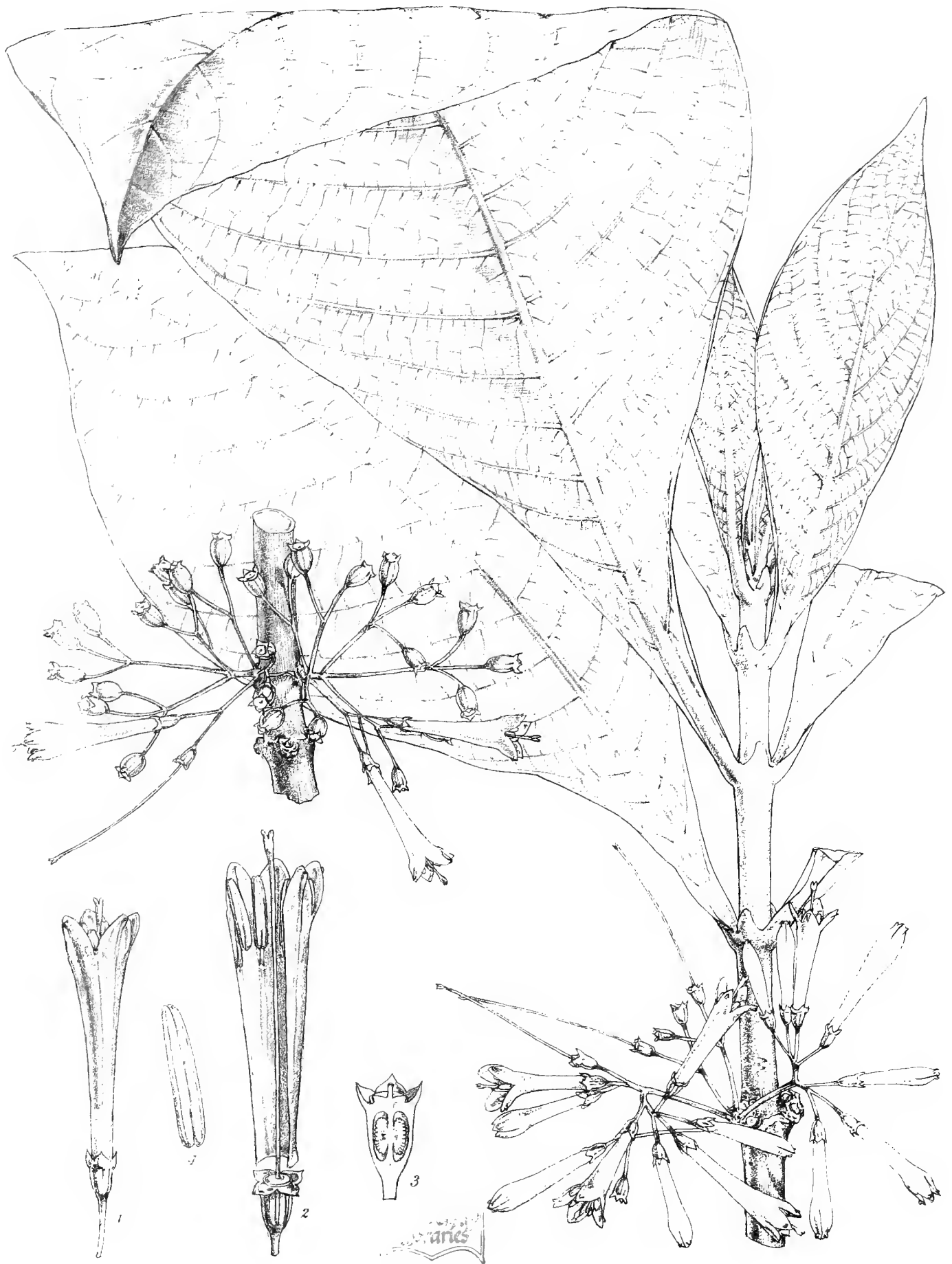
1-5 ABELIA CORIACEA, Hemsl
 6-14 PLACOCARPA MEXICANA, Hook. fil.



ALSEIS BLACKIANA, Hemsl



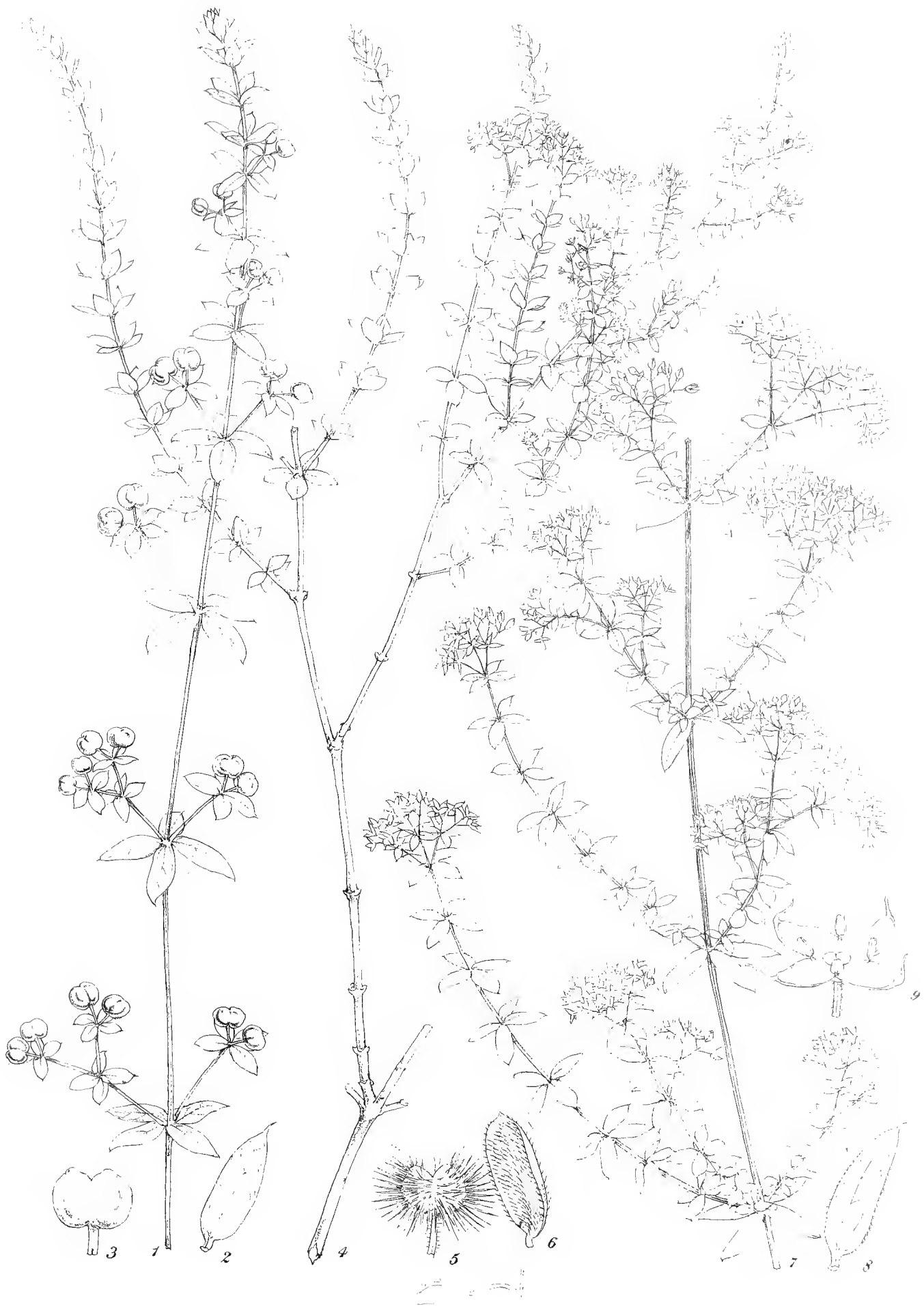
1_6 DEPPEA UMBELLATA, Hemsl.
 7_10 FLORIBUNDA, Hemsl.



HOFFMANNIA CAULIFLORA. *Humb.*



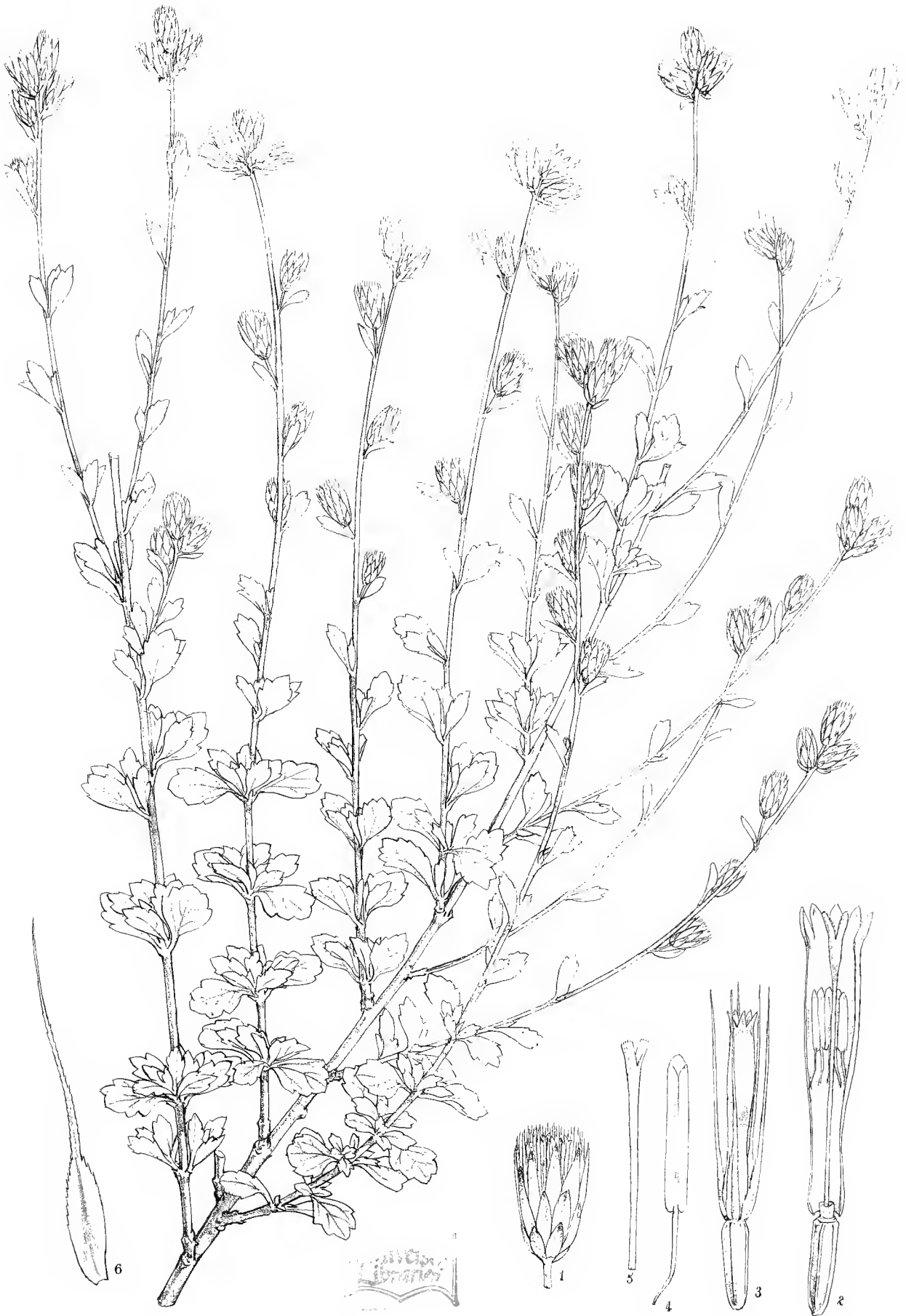
1-9 CHIONOLÆNA CORYMBOSA, *Hemsl.*
 10-15 DIODIA TETRACOCCA, *Hemsl.*



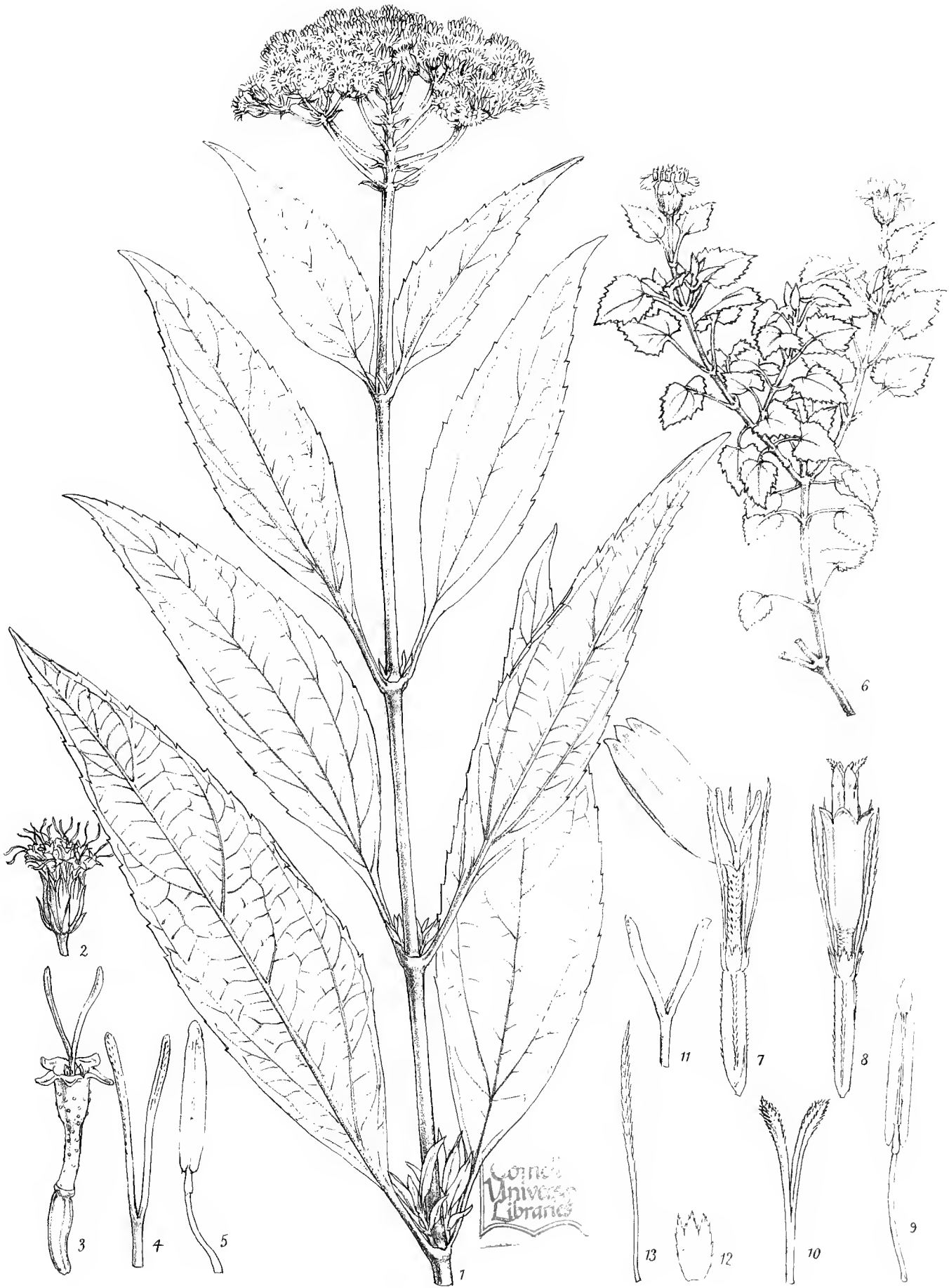
1-3 GALIUM GEMINIFLORUM, Mart. et Gal.
 4-6 " LEUCOTRICHUM, Hemsl.
 7-9 " UROPETALUM, Hemsl.



VERNONIA SALVINIAE, Hensl.



DECACHETA SEEMANNI, *Benth. et Hook. F. fl.*



1. 5. *AGERATUM MICROCEPHALUM*, Hemsl.
 6. 13 *EUTETRAS PALMERI*, A Gr



1-4 LAGASCEA DECIPIENS, Hemsl.
 5-10 BIFLORA, Hemsl.



DESMANTHODIUM GUATEMALENSE, *Hemsl.*



ZALUZANIA COULTERI, *Hensl*



MIRASOLIA DIVERSIFOLIA, Hemsl.



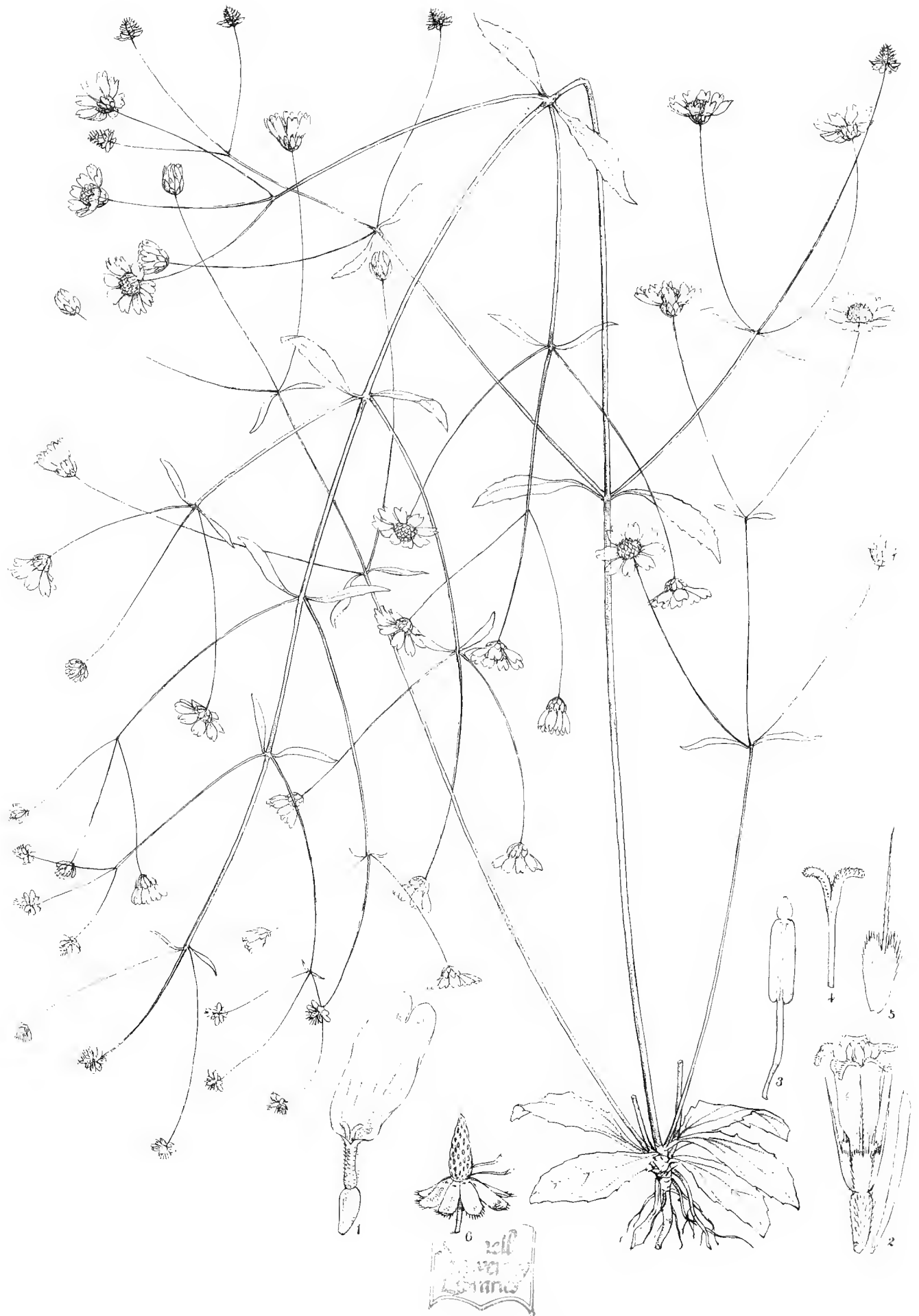
VERBESINA FRASERI, *Hemsl.*

M^{rs} Salvin Del
W H Fitch lith

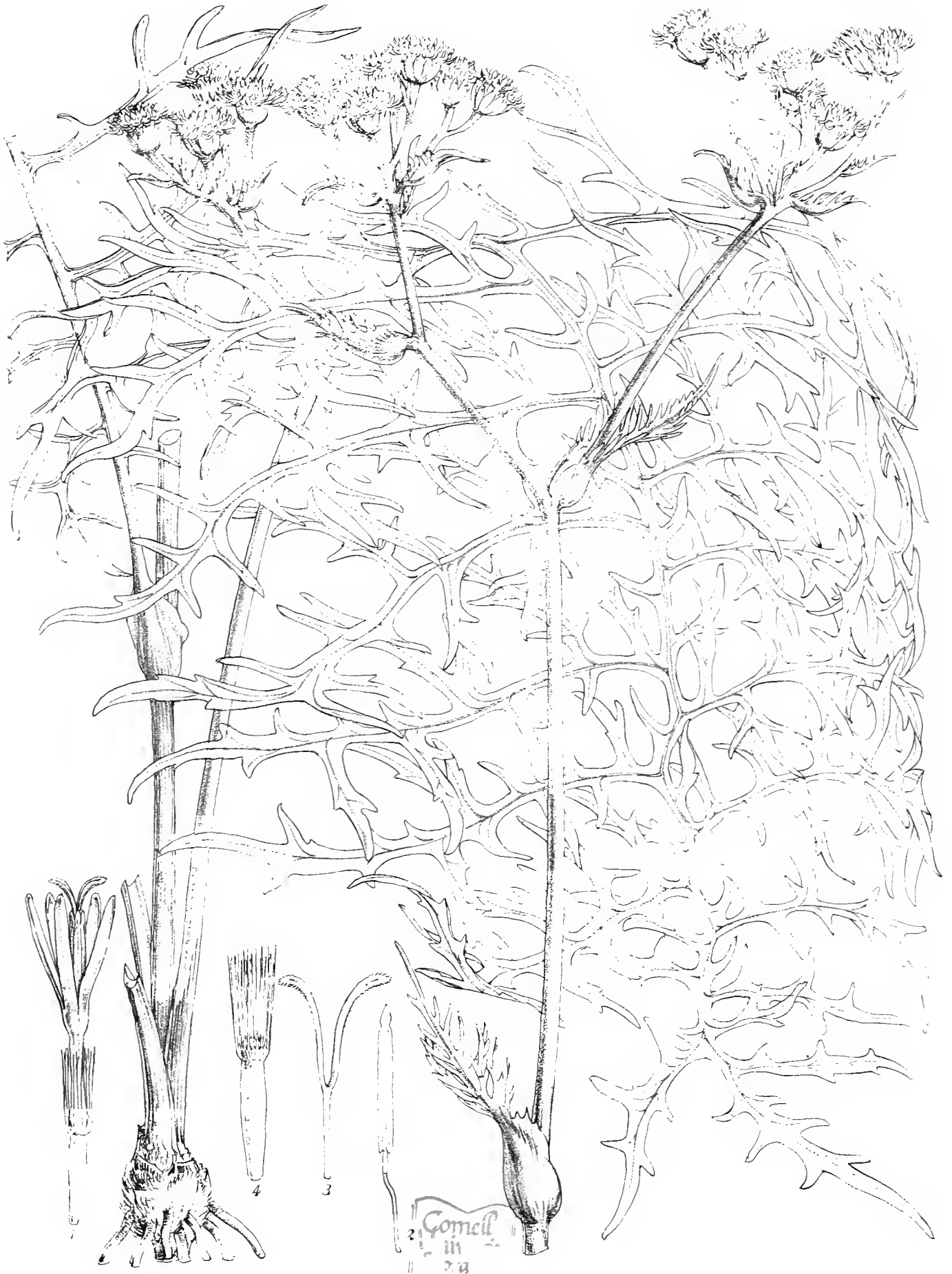
Hatched 1890
276



OTOPAPPUS ROBUSTUS, *Mex. s.*



GALINSOGA FILIFORMIS. *Hemsl.*



SENECIO CERVIARIEFOLIUS, Hemsl.



VACCINIUM BRACHYSTACHYUM *Benth*



A 13 GAULTHERIA DECORATA HBK
 B 46 HIRTIFLORA Fitch



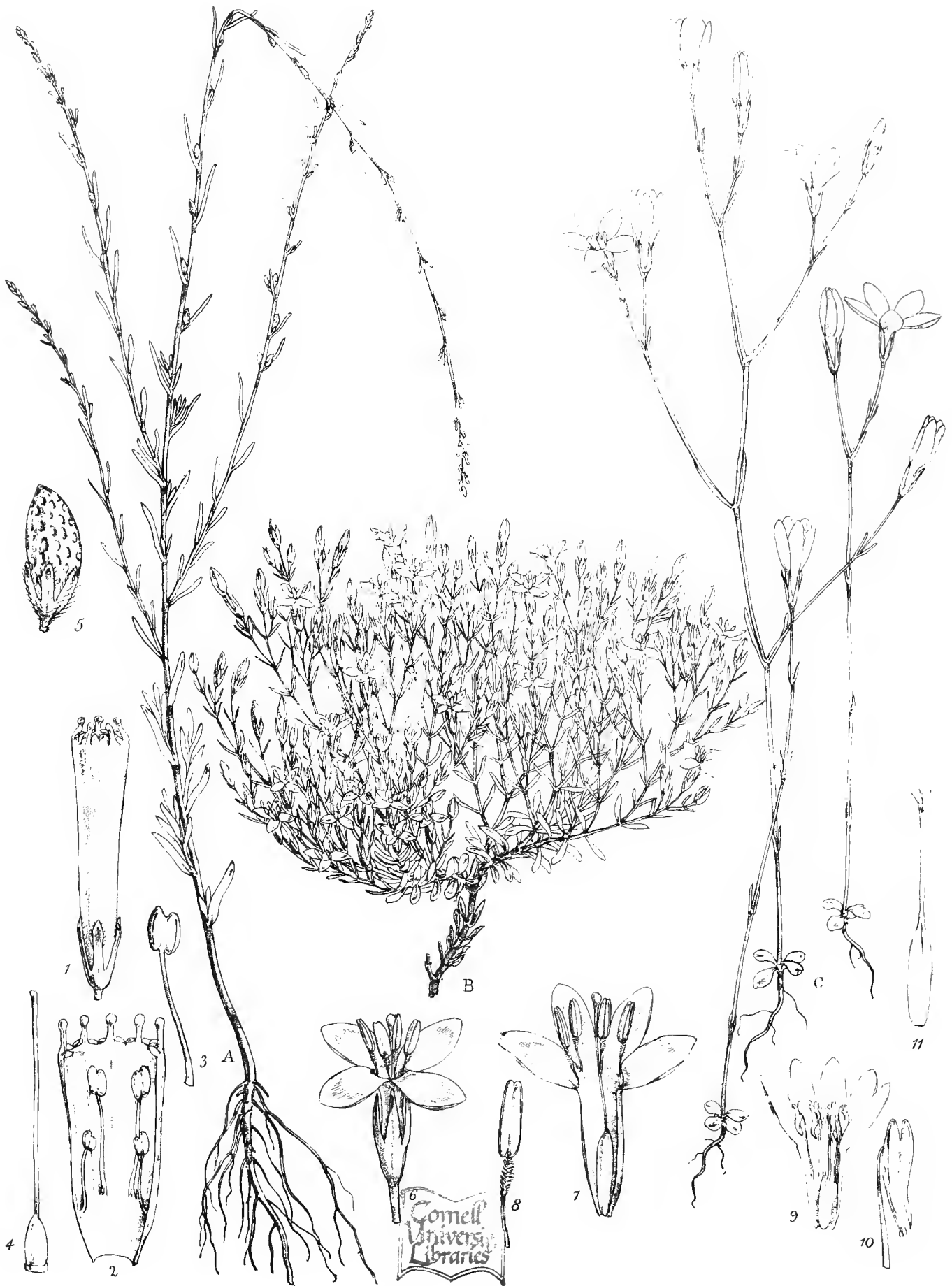
SYMPLOCOS COCCINEA, Humb. et Bonpl.



PRESTONIA (*Hæmadictyon*) MACROCARPA, Hemsl.



A 1 4 ASCLEPIAS ENPHORBIAFOLIA, *Engelm*
 B 5 6. GONOLOBUS PICTURATUS, *Hemsl*



A. I 5. MICROSCHWENKIA GUATEMALENSIS, *Benth.*
 B. 6 8 GENIOSTEMON SCHAFFNERI, *Engelm et Gray*
 C. 9 11 ERYTHREA MADRENSIS *Hemsl.*



Wigandia kunthii

WIGANDIA KUNTHII, Choisy



BOURRERIA FORMOSA, *Hems?*



IPOMÆA (SQUAMOCLIT) LUTEA, Hemsl



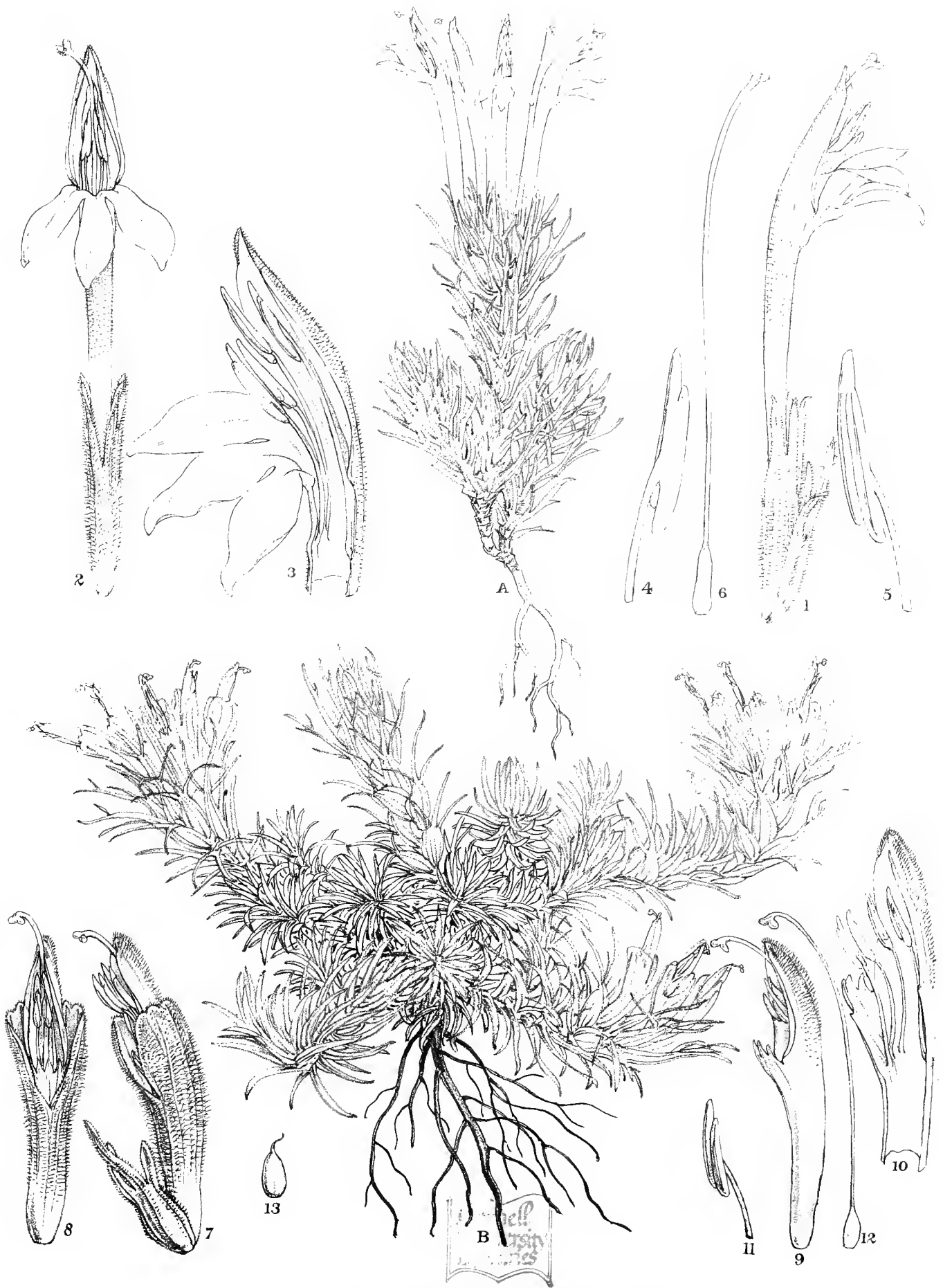
IPOMÆA MURUCOIDES, R et S.





Common
Library

ESCOBEDIA LINEARIS, Schlecht



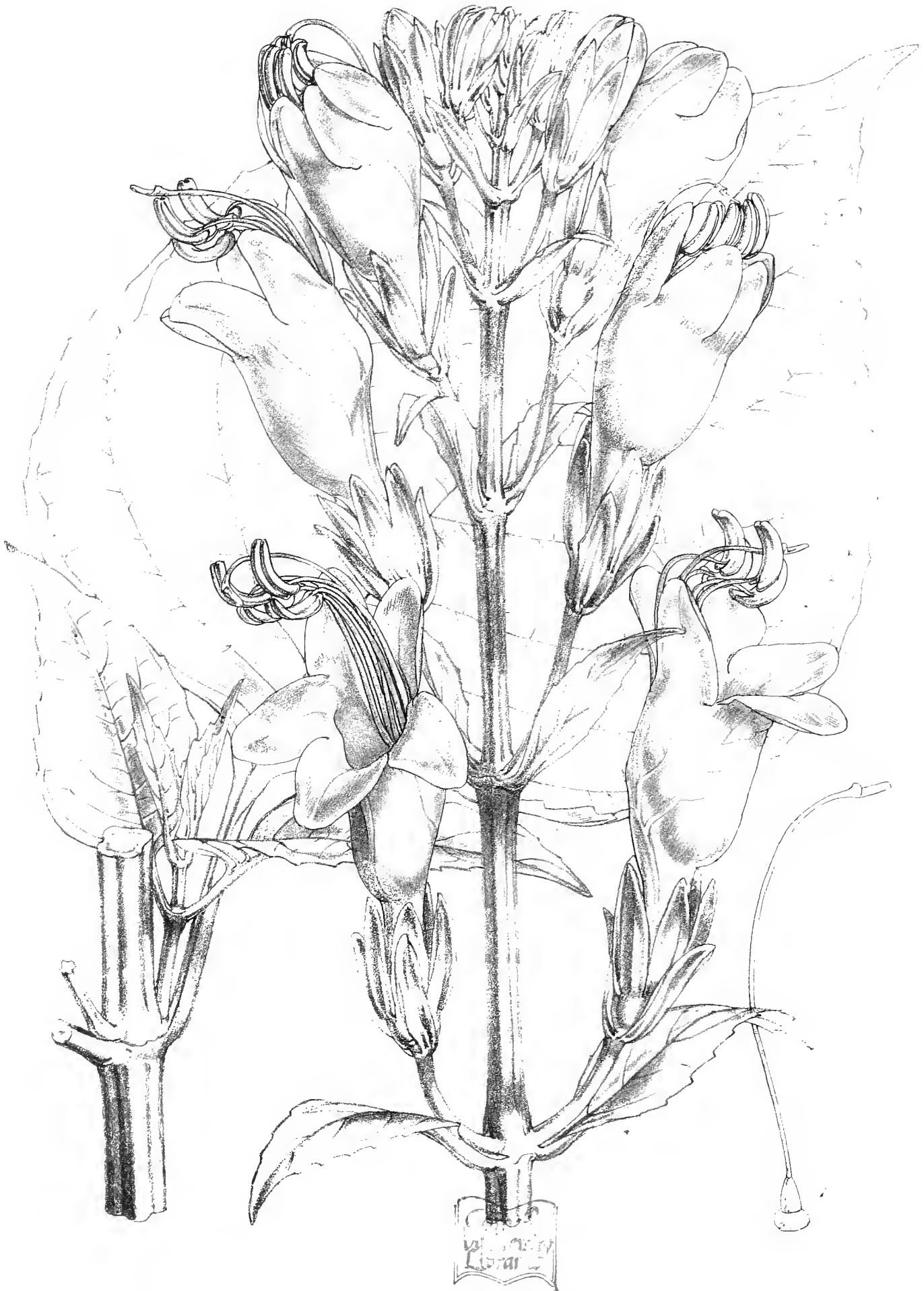
A. 1-6 *ORTHOCARPUS MEXICANUS*, Hemsl.
 B. 7-13 *CASTILLEJA SCHAFFNERI*, Hemsl.



UROSKINNERA HIRTIFLORA, *Hemsl.*



GODMANIA MACROCARPA, *Hemsl.*



RUELLIA BOURGÆI, *Hemsl*



1-5 CHILERANTHEMUM TRIFIDUM, Erst
 6-14 GLOCKERIA GRACILIS, Nees



JACOBINIA AUREA, H. B. K.



A 1 5 *CARDOQUIA MICROMERIOIDES*, Hemsl.
 B 6 9 *HEDEOMA PALMERI*, Hemsl.



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SELINOCARPUS PALMERI, Hemsl



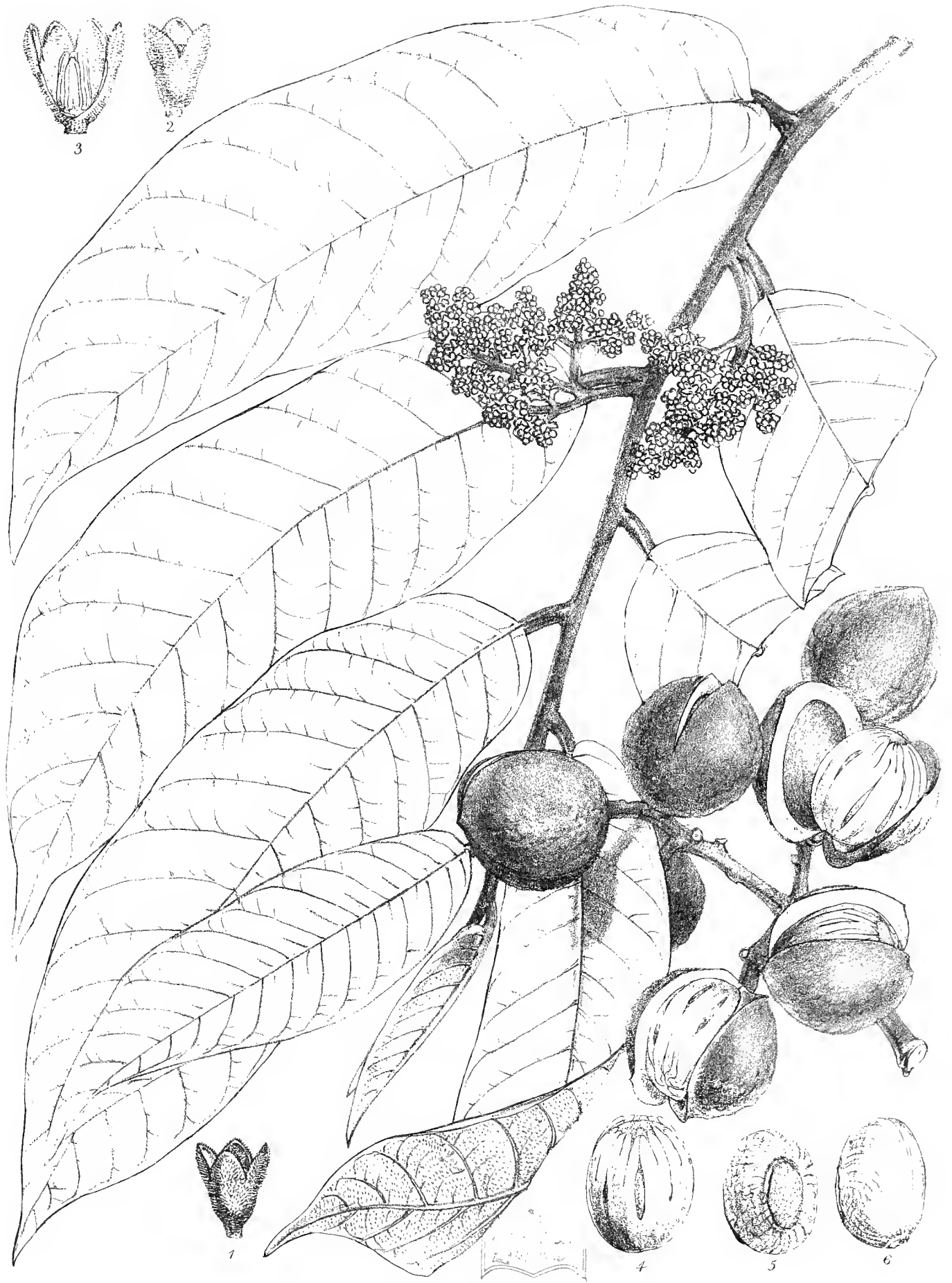
AGDESTIS CLEMATIDEA Mc. et Sessé.



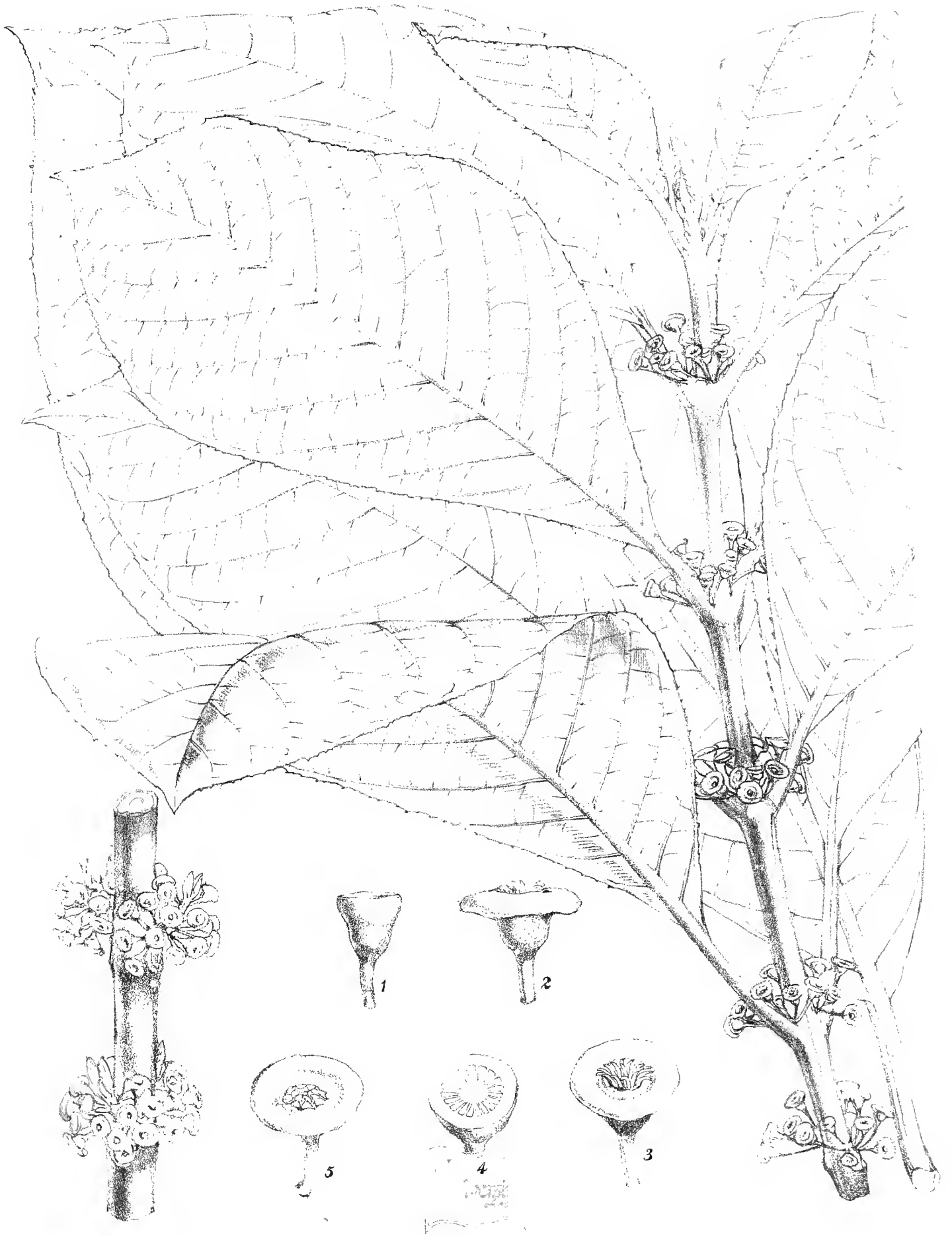
PIPER UROSTACHYUM, Hemsl.



MYRISTICA MEXICANA, Hemsl.



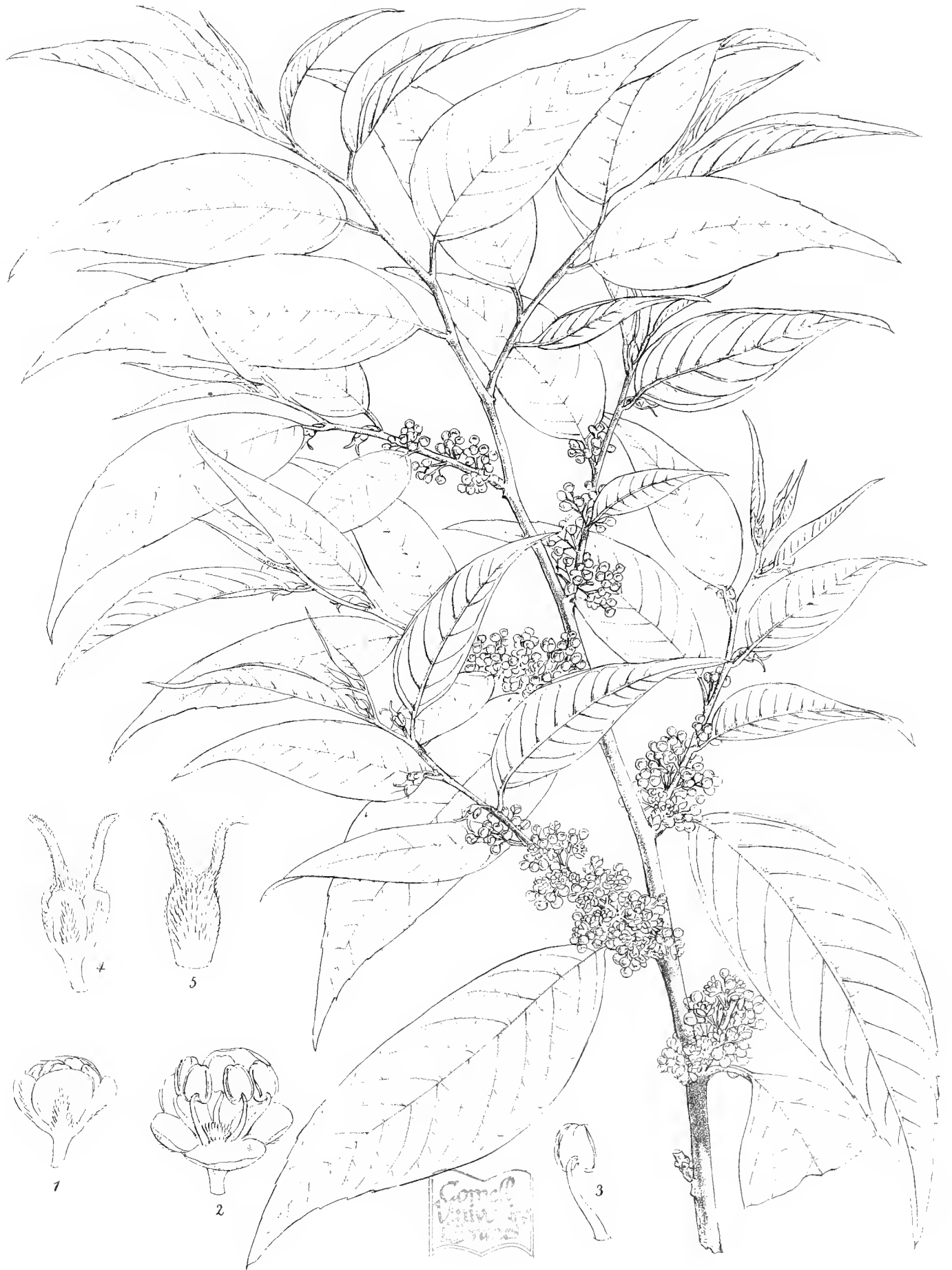
1-4. MYRISTICA PANAMENSIS, *Hemsl*
 5, 6 " GUATEMALENSIS, *Hemsl*



SIPARUNA CAULIFLORA, *Hemsli*



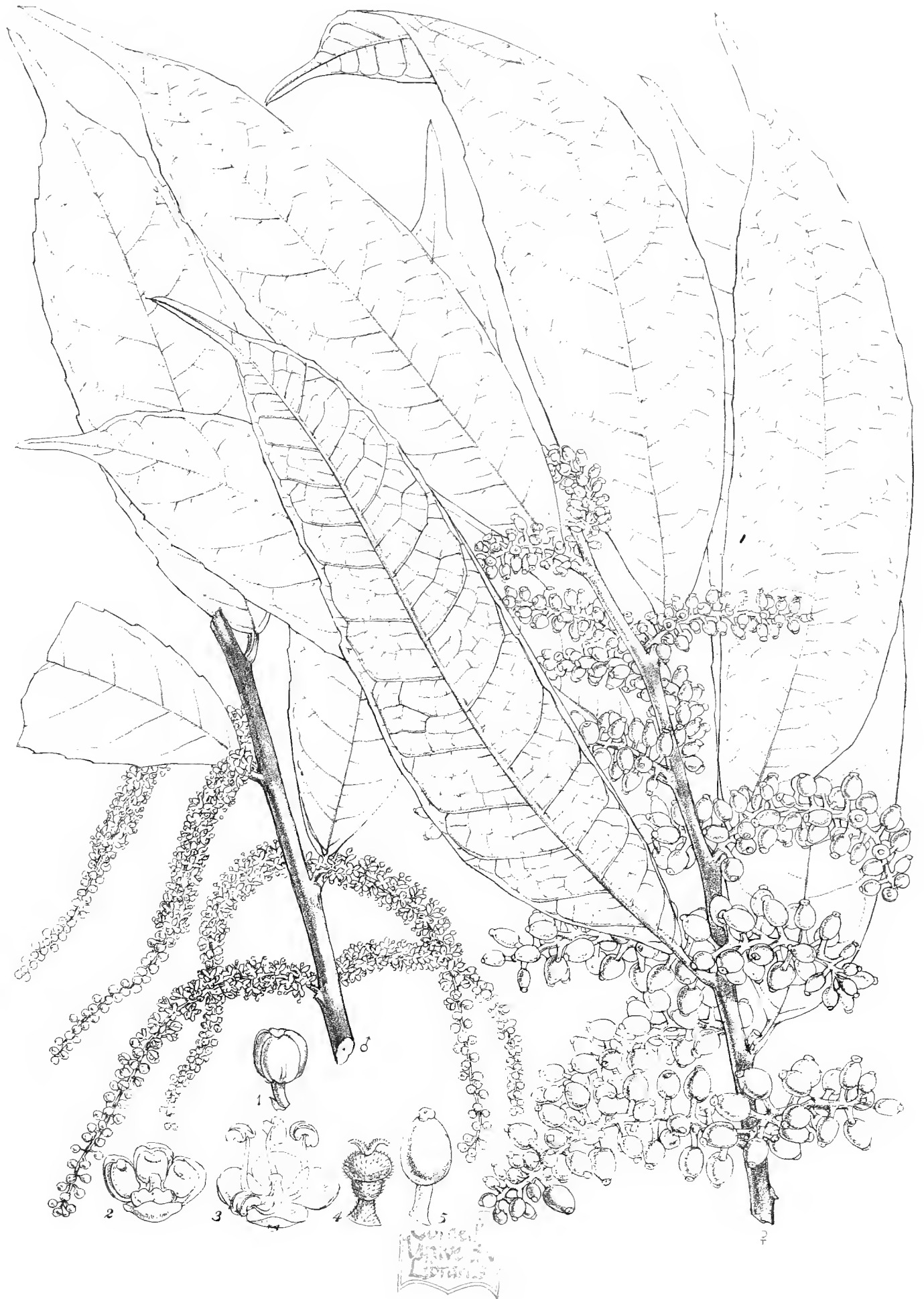
ROUPALA BOREALIS, Hemsl



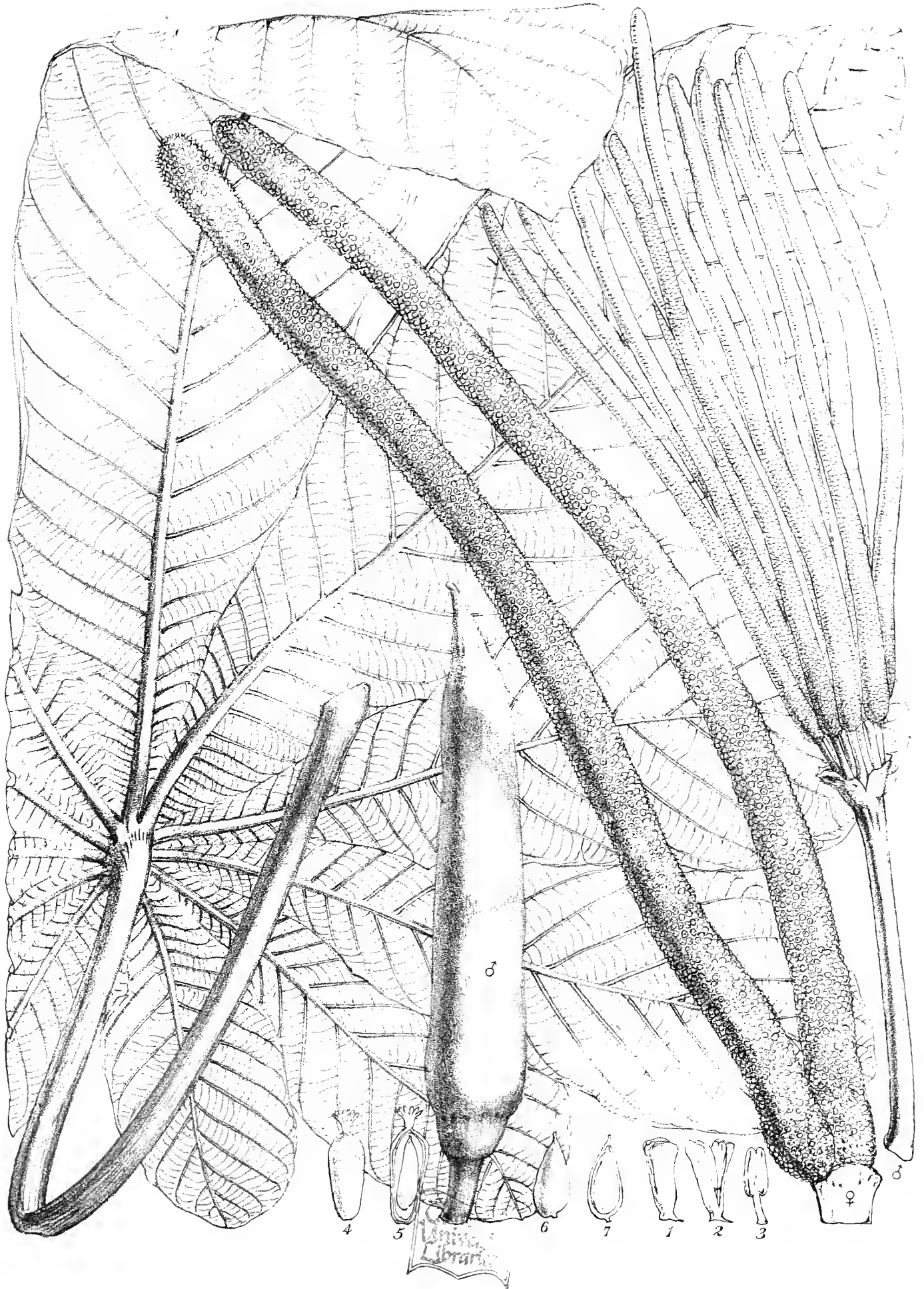
CELTIS MONOICA, *Hemsf.*



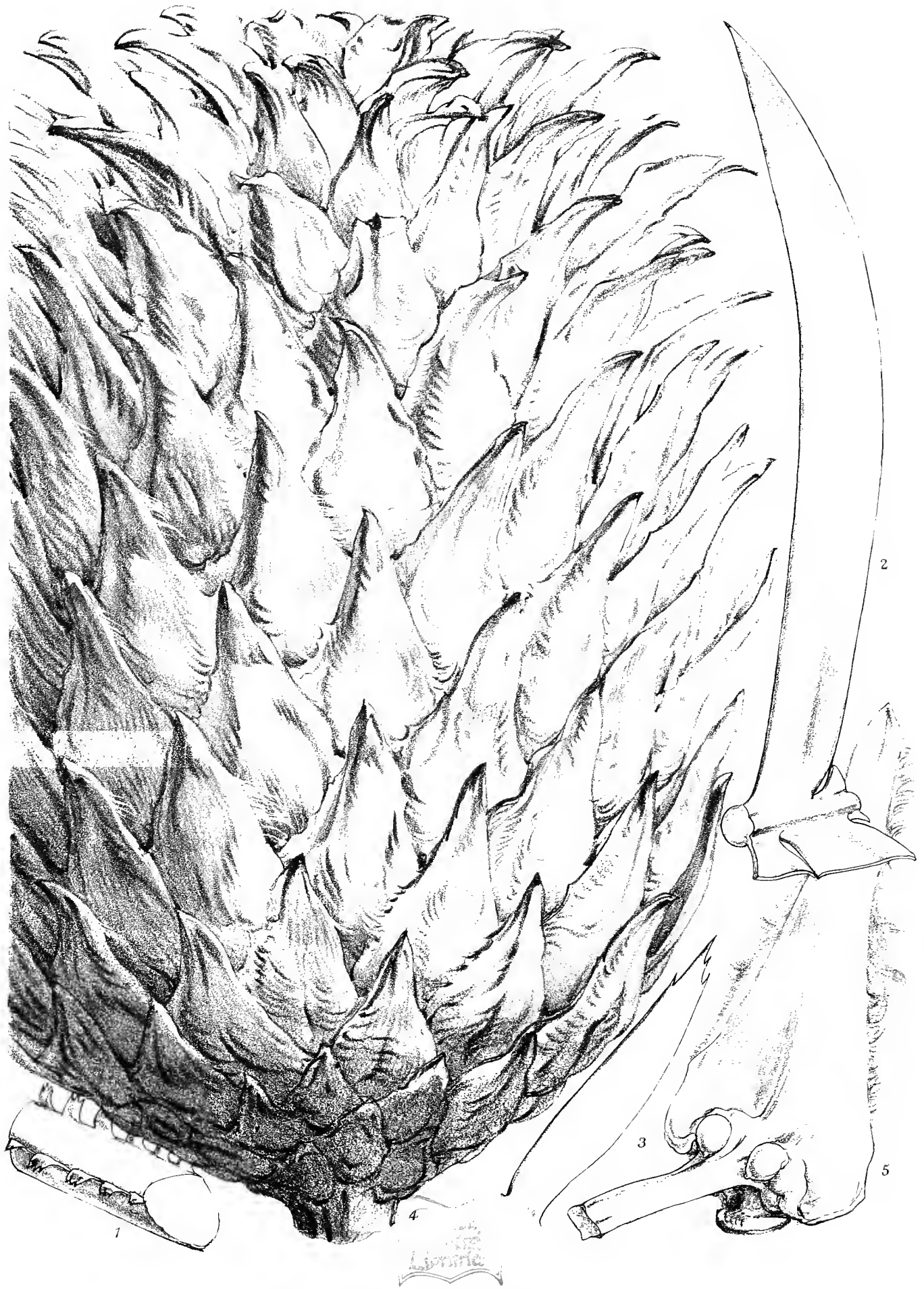
TROPHIS MEXICANA, Bureau



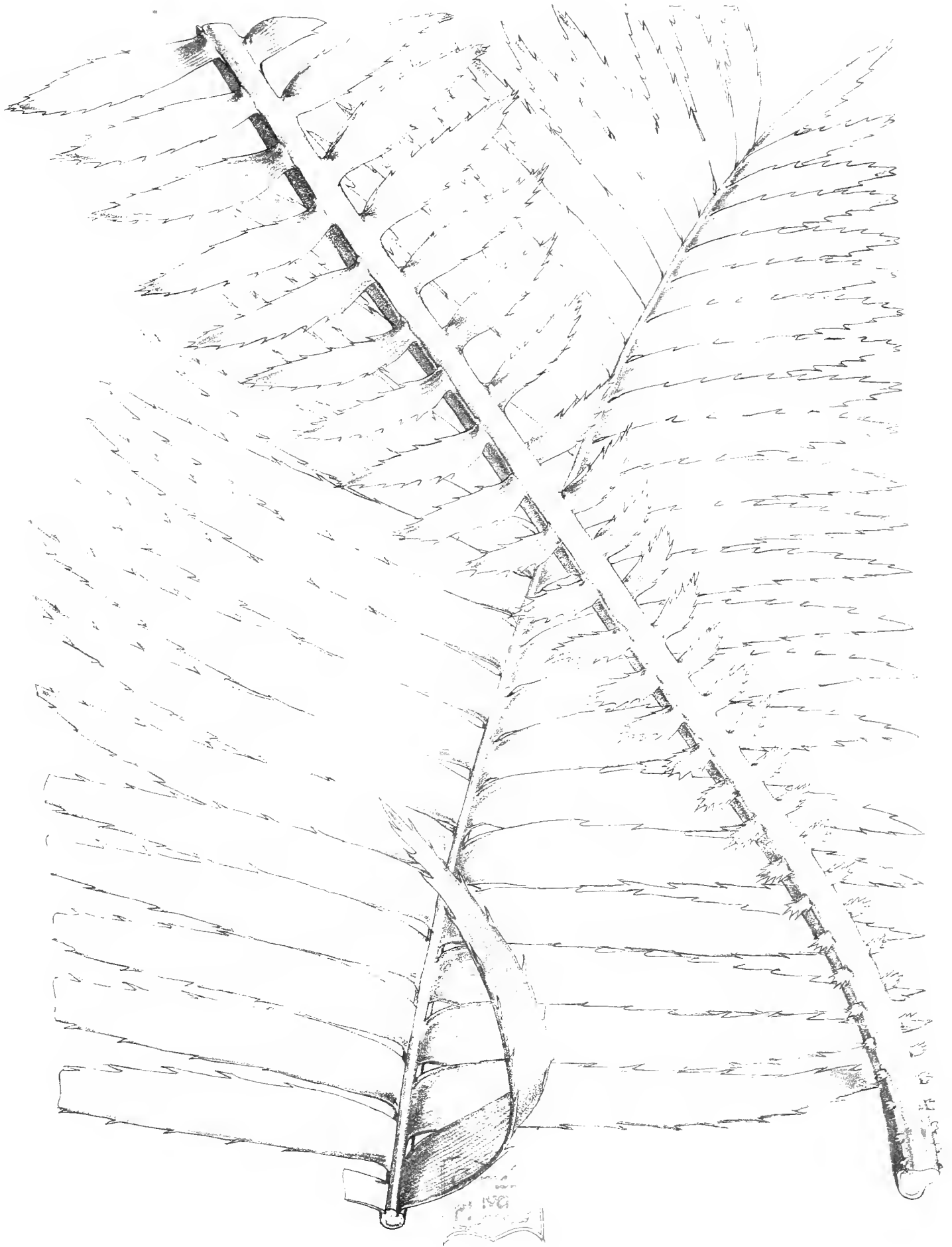
SOROCEA AFFINIS, Hemsl.



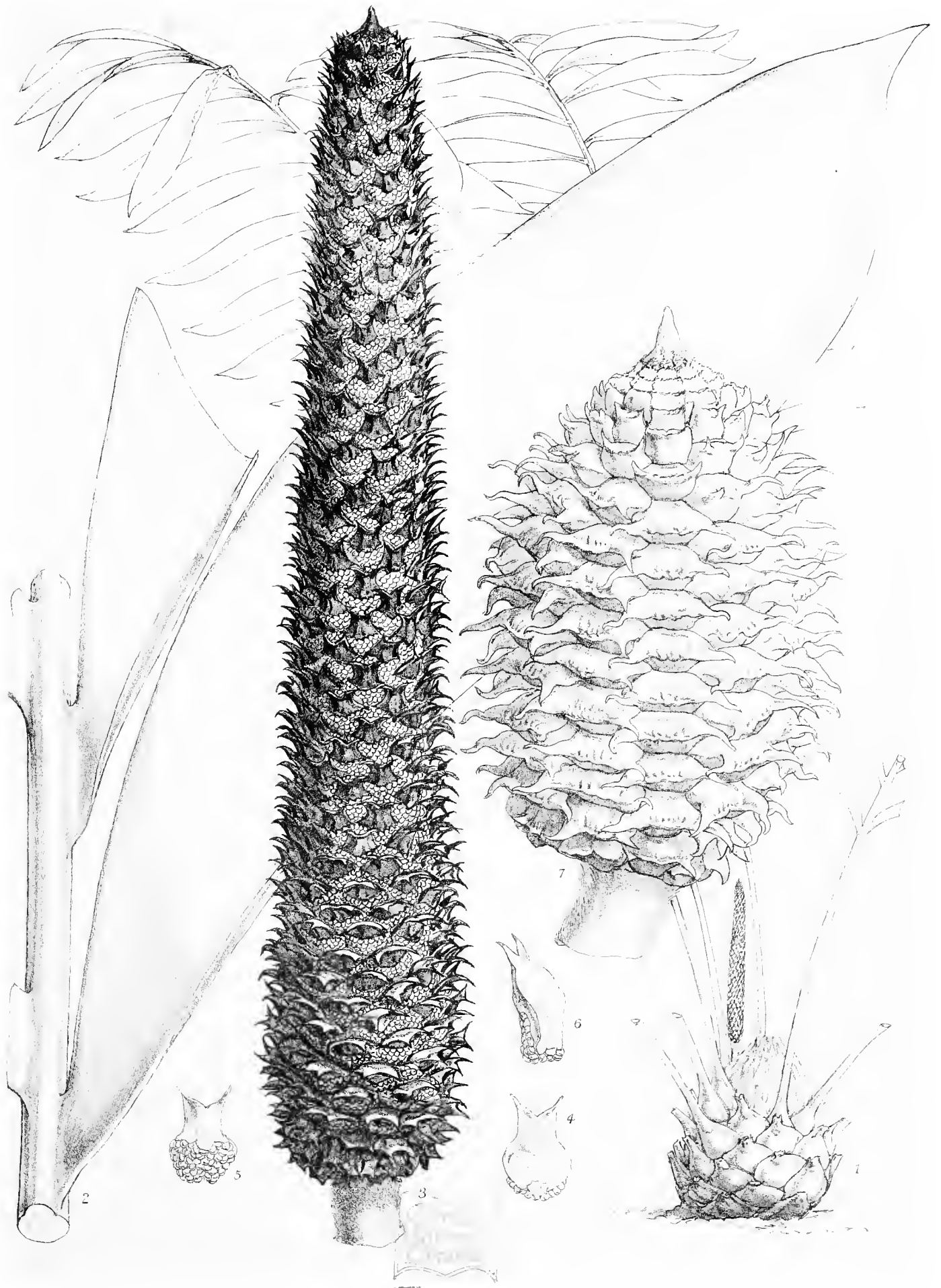
CECROPIA MEXICANA, Hensl



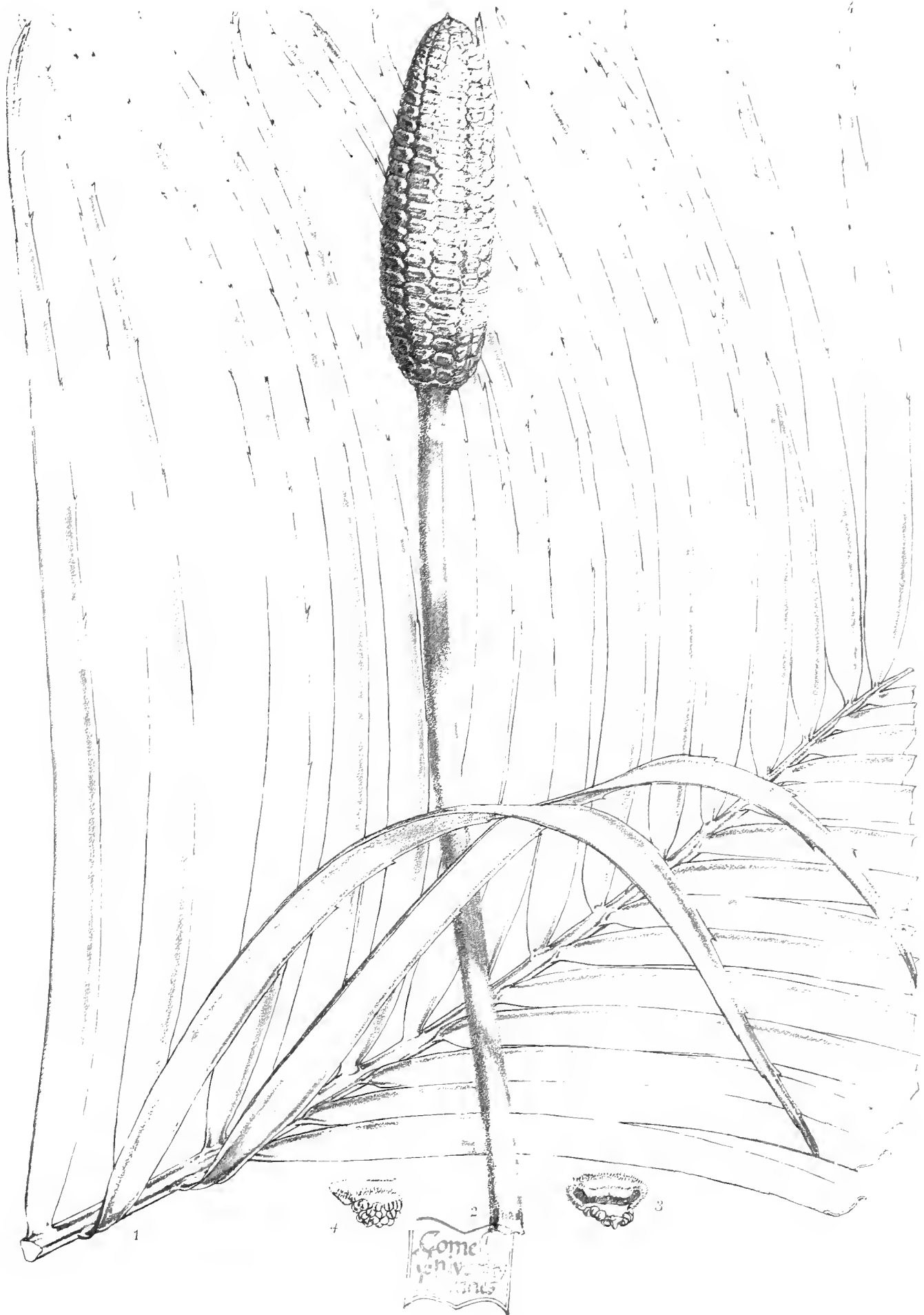
DIOON EDULE, *Lindl.* (1&2)
 DIOON EDULE, *var. LATIPINNA* (3-5)



DIOON SPINULOSUM, Dyer



CERATUZAMIA MIQUELIANA, Wenzl



ZAMIA LAWSONIANA, Dyer



PITCAIRNIA OCHROLEUCA, Baker.



BRAVOA SESSILIFLORA, Hemsl.



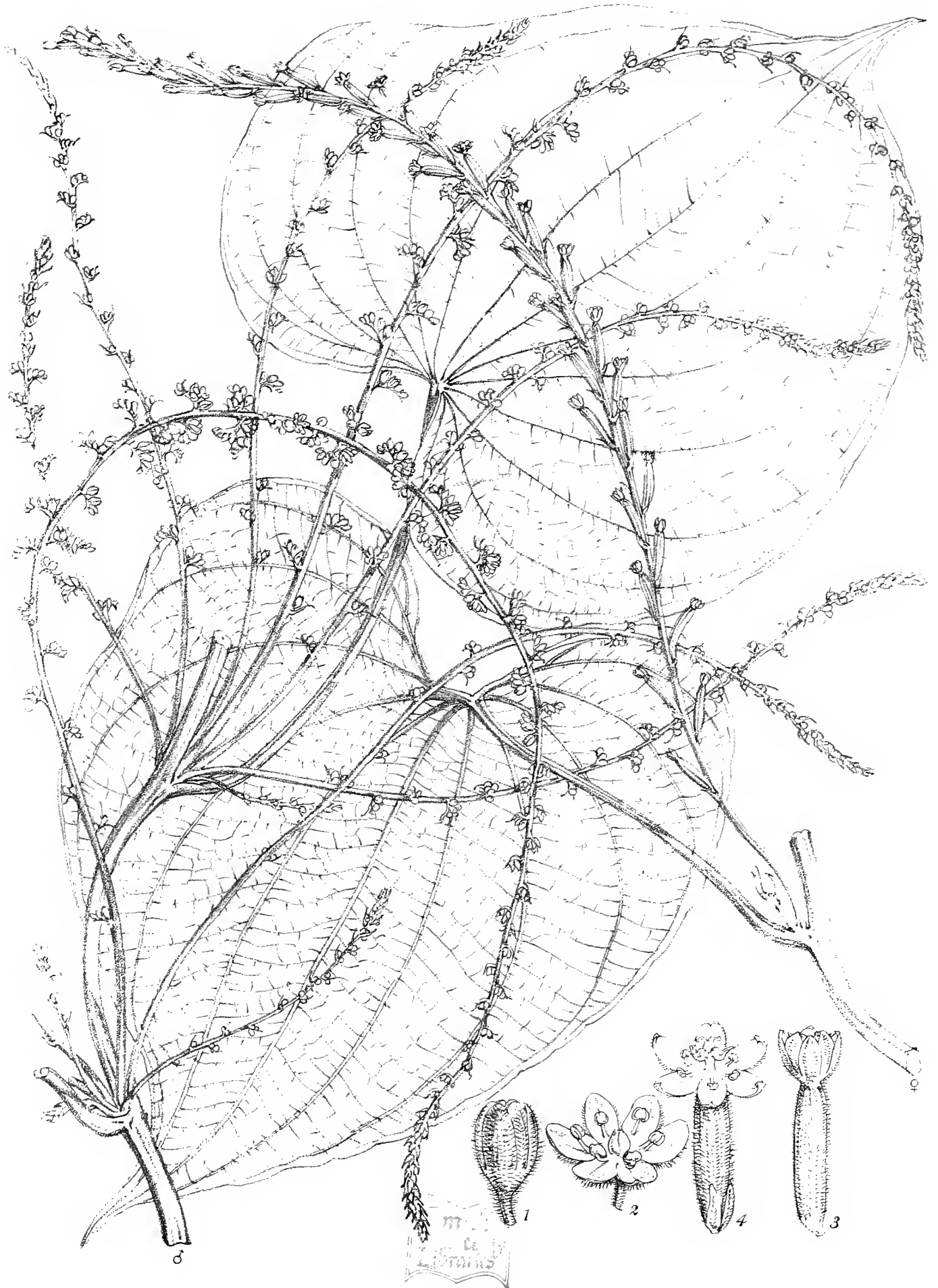
AGAVE GUTTATA, *Jacobi et Bouché*



A AGAVE (SEUAGAVE) MEGALACANTHA, *Hems.*
B " (SMANFREDA) SESSILIFLORA, *Hems.*



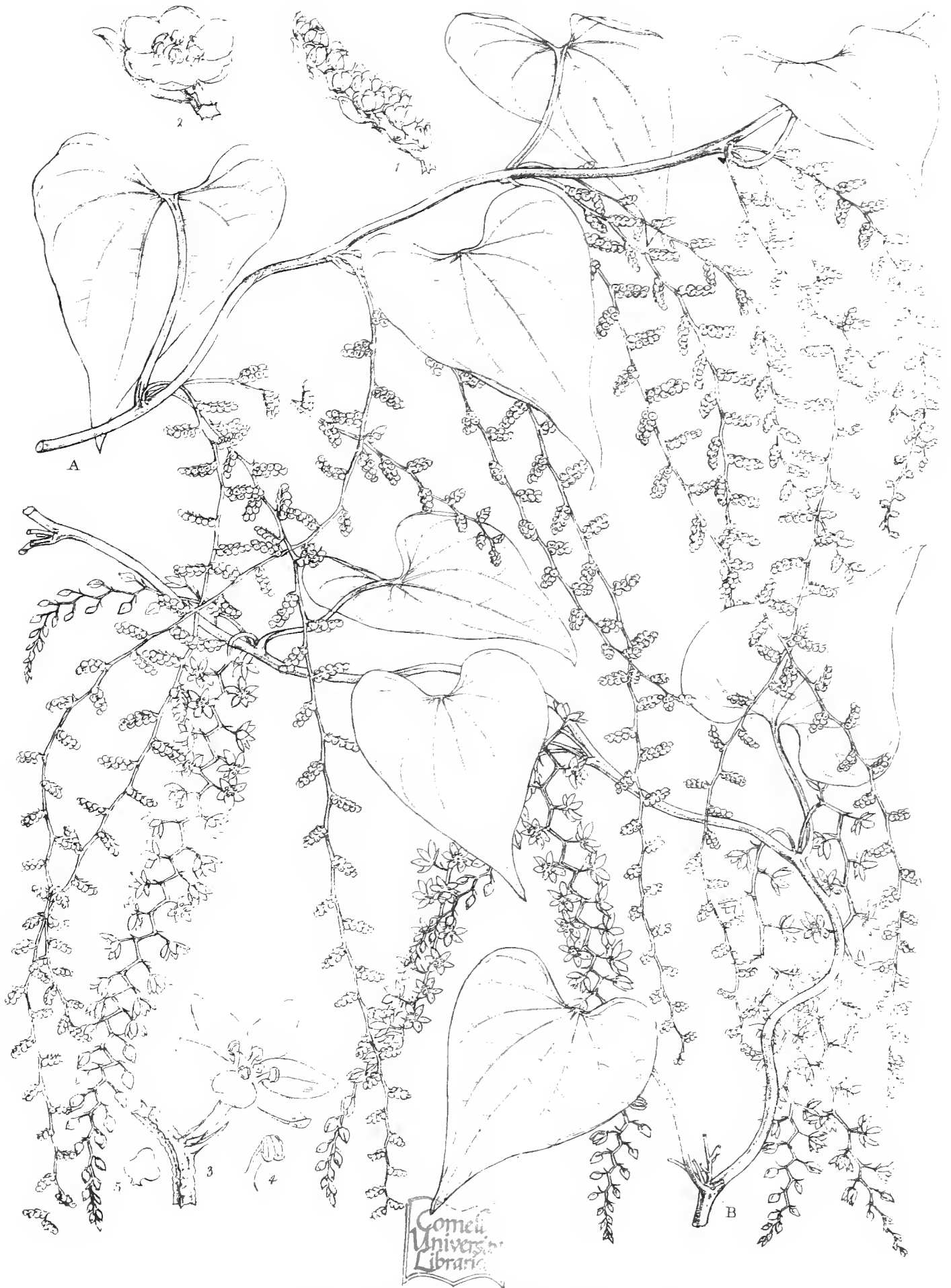
DIOSCOREA CONVULVULACEA, Schl.



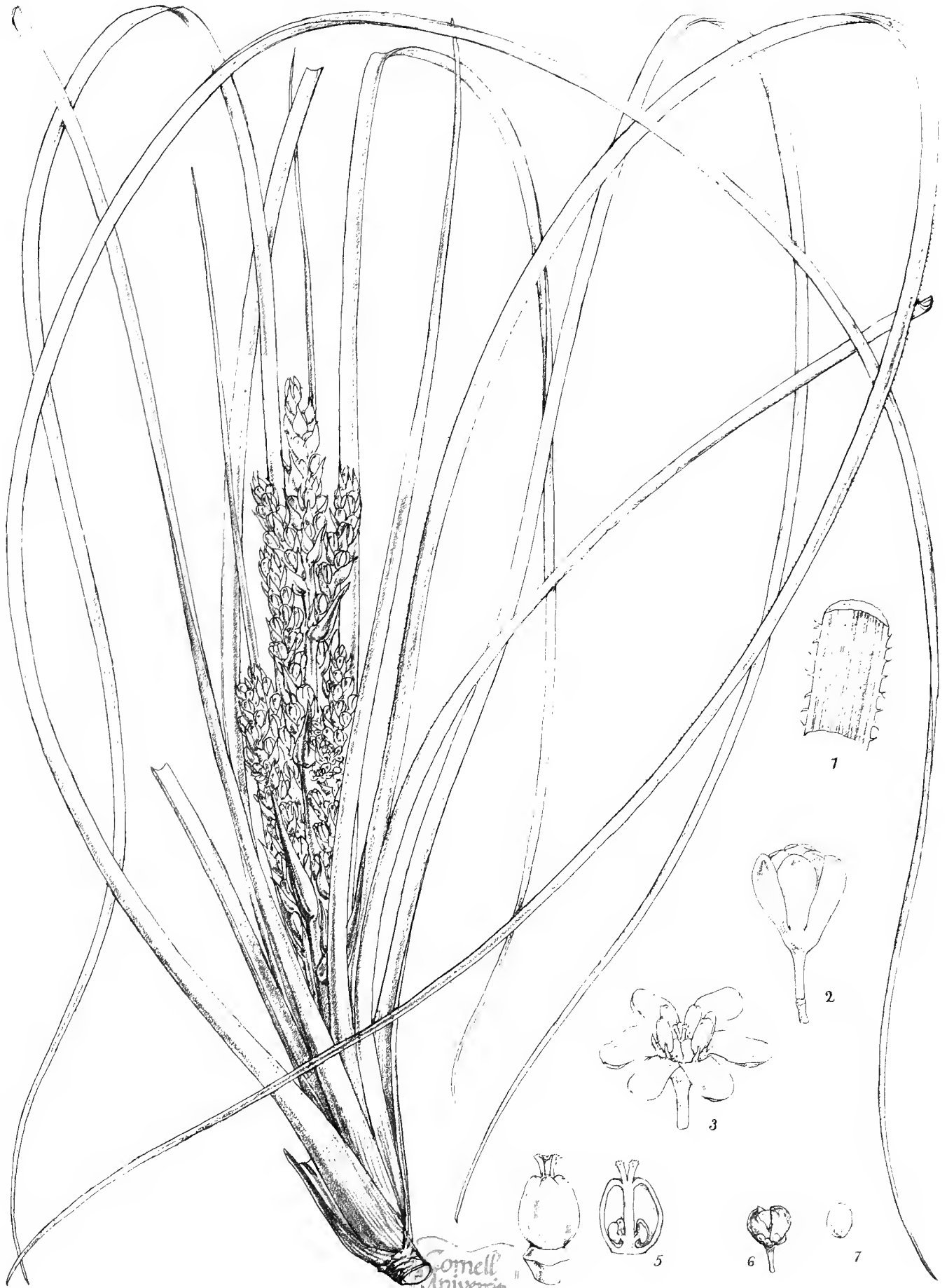
DIOSCOREA CYMOSULA, *Hensl*



DIOSCOREA SAPINDOIDES, Presl



A. 1, 2. DIOSCOREA SPICULIFLORA, Hemsl.
 B. 3, 4. " PALLENS, Schl



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NOLINA HUMILIS, S. Wats.



Comer
 Van
 Liban

NOLINA WATSONI, Hemsl.



1-11 PHŒOSPHERION LEIOCARPUM, Hassk
 12-21 CALLISIA INSIGNIS, C.B. Clarke

W.H. Fitch del et lith



1-11 LEPTORHÆO FILIFORMIS, C.B. Clarke.
 12-18 TRADESCANTIA COMMELINOIDES, R. et S.



ANTHURIUM FRATERNUM, Schott



Comel
Libraris

ANTHURIUM MONTANUM, Hensl.

Bot. 113



ANTHURIUM SALVINIAE, Hemsl.

Botany Lib 1.



PHILODENDRON AFFINE, *Hemsl*

C.O. Galvin del Fitch hth

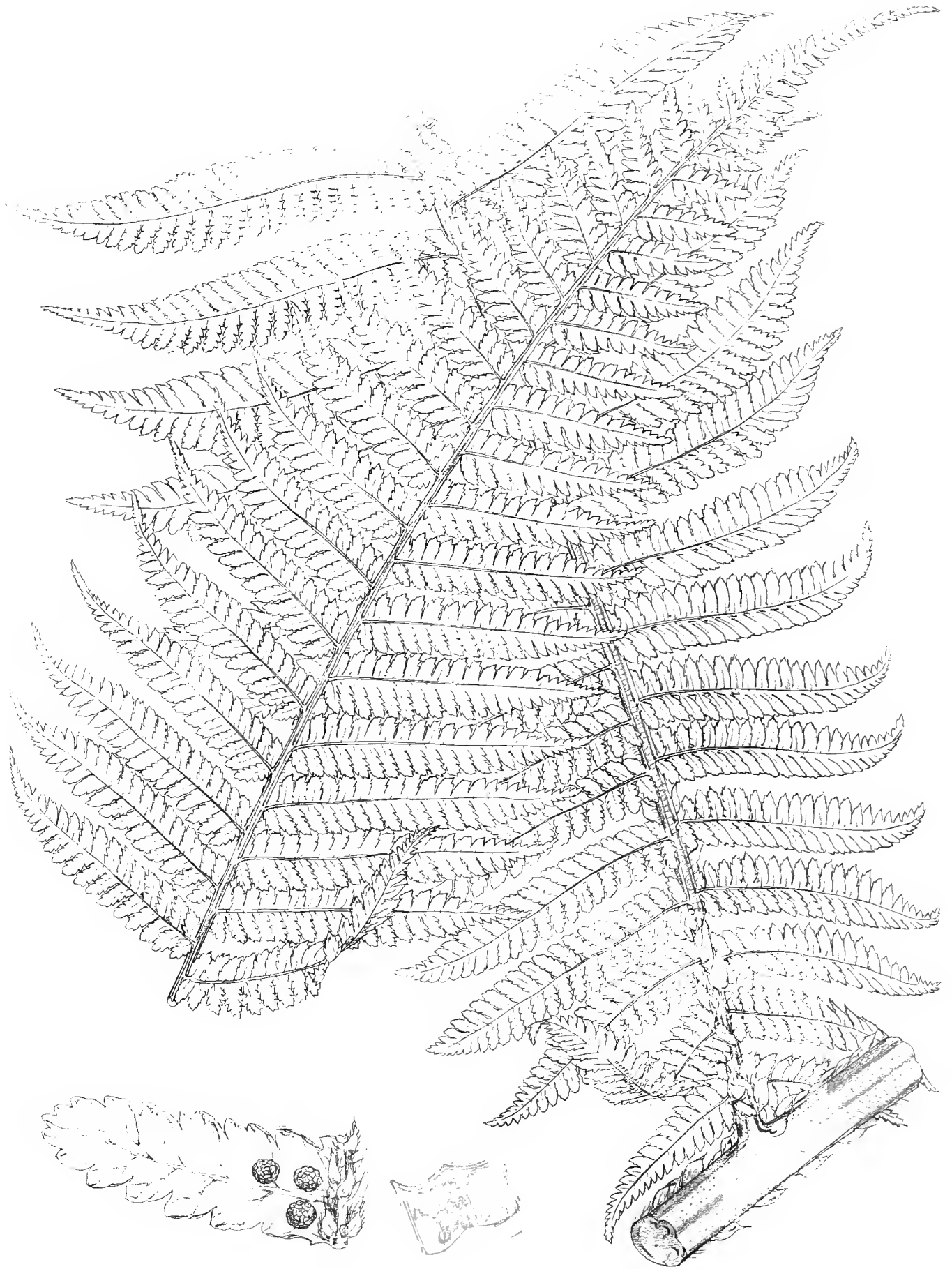
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104



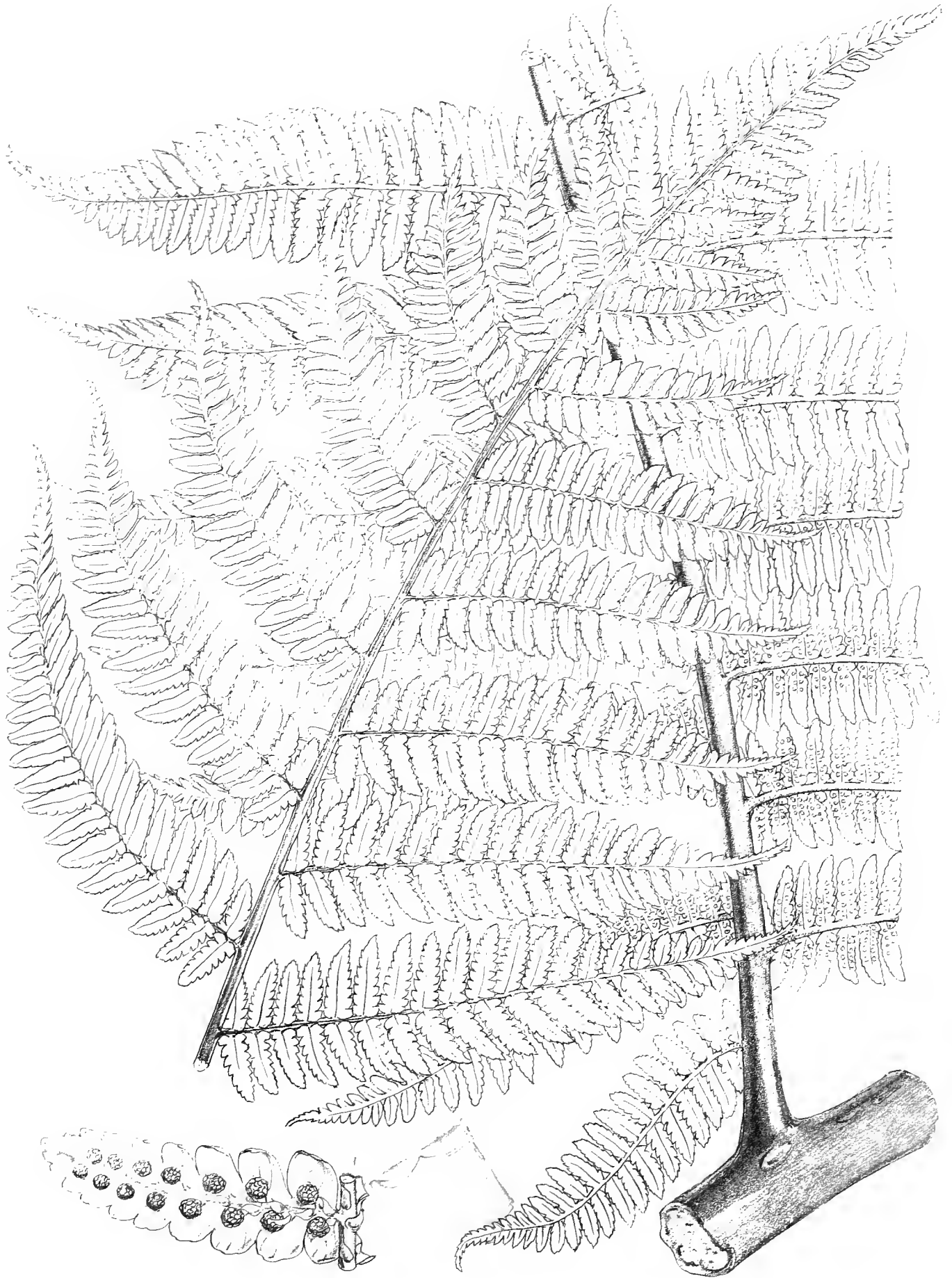
SCLEROPOGON BREVIFOLIUS, *Planch.*



A 1 4. ZEUGITES MUNROANA, *Hemsl.*
 B 5 8. FESTUCA LIVIDA, *Willd.*



ALSOPHILA GODMANI, Hook.



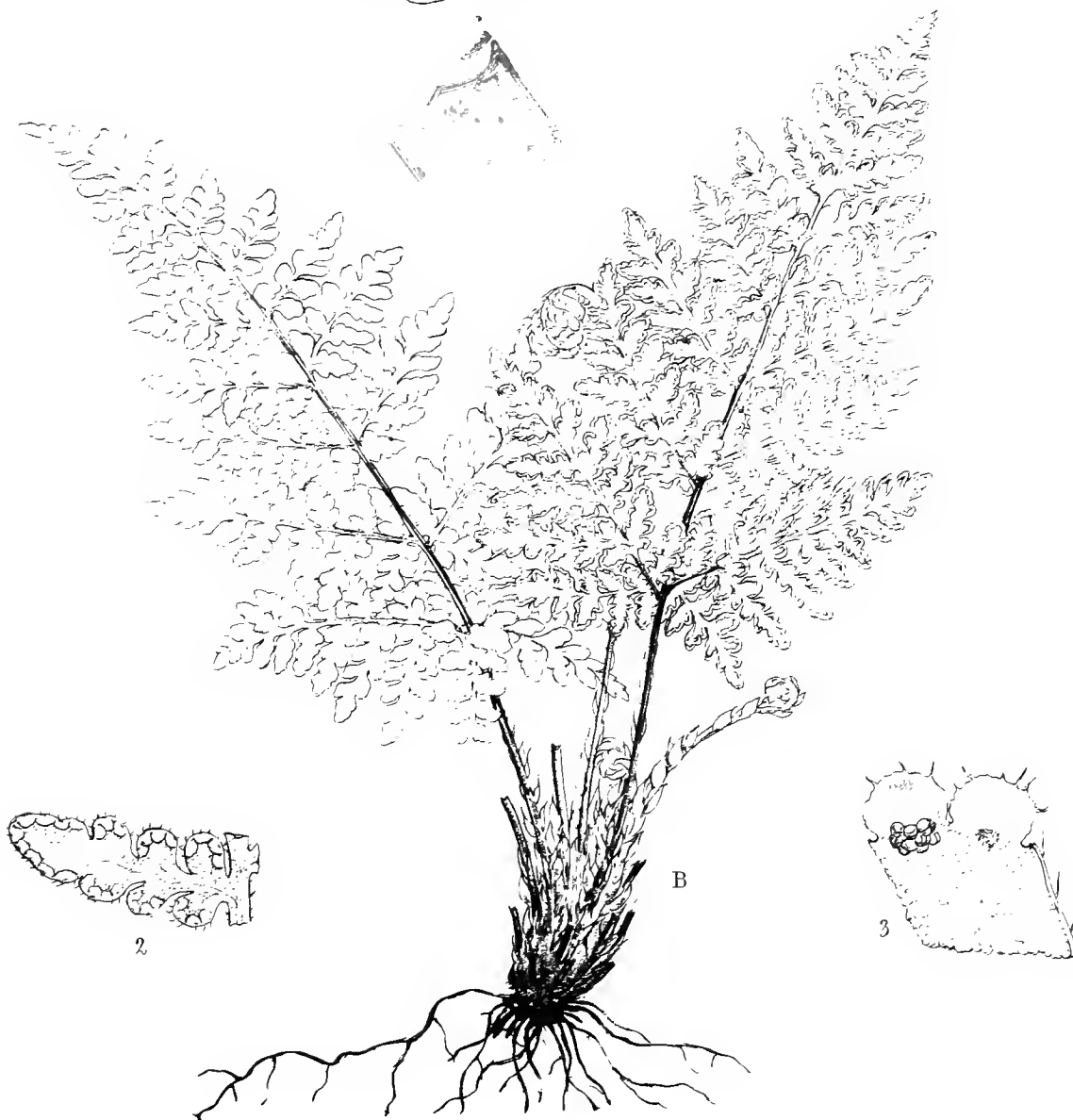
ALSOPHILA SALVINII, Hook



HYMENOPHYLLUM CILIATUM, Sw *Var. SPLENDIDUM*, Baker.



A



B

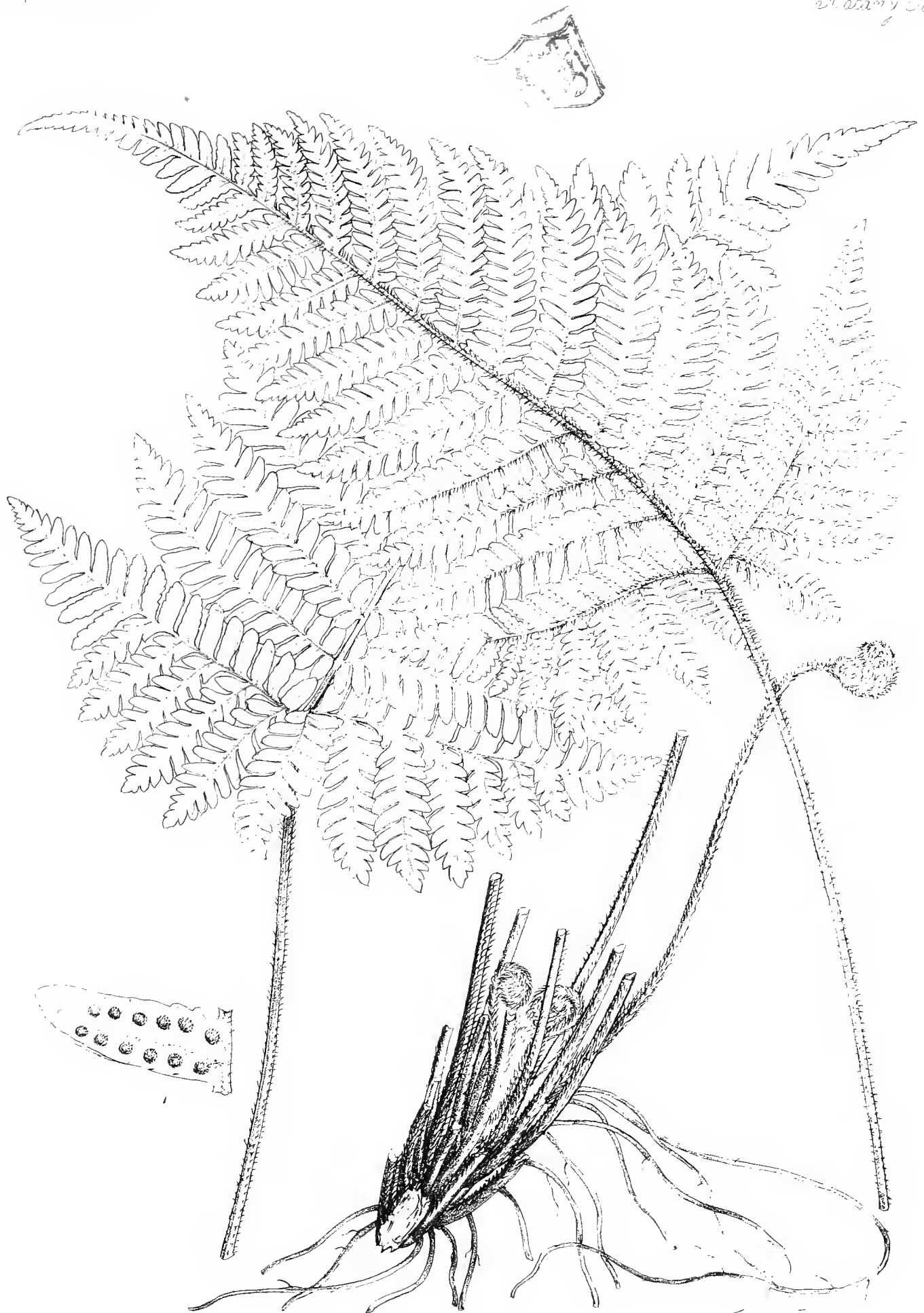
2

3

A. I. TRICHOMANES GODMANI, Hook.
 B 2.3 CHEILANTHES AUREA, Baker.



ADIANTUM (HEWARDIA) DOLOSUM, Kunze, Var. WILSONI, Baker



POLYPODIUM (PHEGOPTERIS) HEMSLEYANUM, Baker.



A 1-3 SELAGINELLA NICARAGUENSIS, Baker
 B 4-7 " GUATEMALENSIS, Baker



