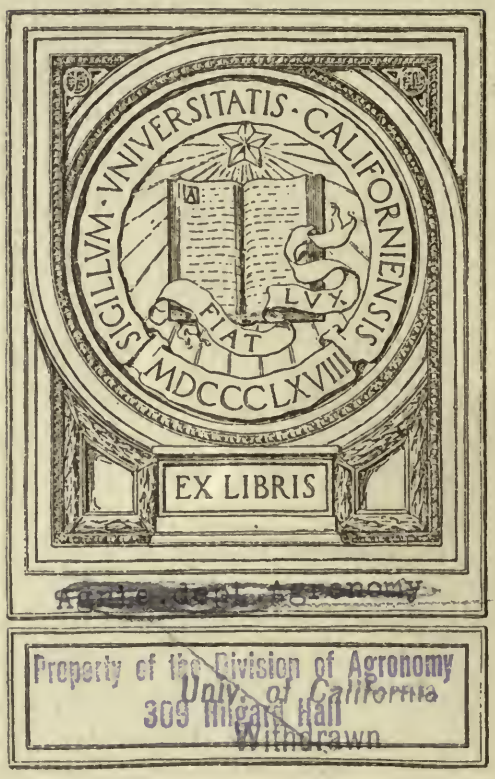

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ILLUSTRATIONS

OF

CYPERACEAE

ILLUSTRATIONS

OF

CYPERACEAE

PREPARED UNDER THE DIRECTION OF THE LATE

CHARLES BARON CLARKE, F.R.S.

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Agric. dept. Agronomy

PREFACE

The late Mr Charles Baron Clarke, F.R.S., who died at Kew on the 25th August 1906, left behind him an unpublished monograph of the Cyperaceae, a family to which he had devoted a large amount of time during the last twenty-five years of his life. The manuscript proved, on examination, too extensive for immediate publication, but excerpts of his descriptions of new genera and species were published in September last, in the *Bulletin of Miscellaneous Information*, Additional Series, viii. To these descriptions was added a skeleton of the arrangement adopted by the Author, showing his subdivisions of genera, and the species grouped under each subdivision, followed by an index.

Although this publication gives a very fair idea of Mr Clarke's monograph, it necessarily excludes all synonymy and geographical details, and for these particulars reference must be made to the manuscript, preserved at Kew, and in the same sequence as the skeleton previously mentioned. But although it is not possible to give the full text of the Author to the scientific world, there is yet another portion of great value which is here issued. The present series of 144 plates was prepared many years ago, when the Author had determined not only upon his plan of arrangement, but also the representative and typical species in each genus. They were drawn by various artists, such as Mr N. E. Brown, A.L.S., Miss Matilda Smith, and Mr Charles Fitch; the greater part were reproduced by the collotype method, but some were lithographed. It is somewhat unfortunate that the sheets as printed do not admit of being readily bound, but have to be cut separately and then stitched. It will be noticed that each plate has a separate explanatory leaf of text facing it, to supply information concerning the figures, and of the specimens from which they were derived. It will thus be seen that the plates are authoritative, and form

an indispensable complement to the part of the Kew *Bulletin* already mentioned.

The issue of these plates is due to the generosity of Miss Clarke, sister of the Author, whose wish it is simply to place the result of her brother's long years of labour before the botanic world, which will doubtless be glad to feel that they are in this way rescued from oblivion, and devoted to the purpose for which they were intended by the Author.

B. DAYDON JACKSON.

BURLINGTON HOUSE,
PICCADILLY, LONDON, W.,
February 1909.

INDEX TABULARUM.

Tab.	
LXXIX.	Schoenus.
LXXX.	,,
LXXXI.	Phylloscirpus. Macrochaetium. Tetrariopsis.
LXXXII.	Cladium.
LXXXIII.	,,
LXXXIV.	,,
LXXXV.	,,
LXXXVI.	Lepidosperma.
LXXXVII.	Tricostularia. Microschoenus.
LXXXVIII.	Costularia. Epischoenus.
LXXXIX.	Tetraria.
XC.	,,
XCI.	,,
XCII.	,,
XCIII.	,,
XCIV.	Mesomelaena. Gymnoschoenus.
XCV.	Reedia.
XCVI.	Gahnia.
XCVII.	,,
XCVIII.	,,
XCIX.	Caustis.
C.	,,
CI.	Evandra. Arthrostylis.
CII.	Oreobolus. Remirea.
CIII.	Hypolytrum.
CIV.	,,
CV.	,,
CVI.	,,
CVII.	Hypolytrum. Thoracostachyum.
CVIII.	Thoracostachyum. Mapania.

Tab.	
CIX.	Mapania.
CX.	,,
CXI.	,,
CXII.	,,
CXIII.	,,
CXIV.	,,
CXV.	,,
CXVI.	Diplasia. Scirpodendrom.
CXVII.	Mapaniopsis.
CXVIII.	Exocarya. Lepironia.
CXIX.	Chorisandra.
CXX.	Chrysithrix.
CXXI.	Scleria.
CXXII.	,,
CXXIII.	,,
CXXIV.	,,
CXXV.	,,
CXXVI.	,,
CXXVII.	,,
CXXVIII.	,,
CXXIX.	,,
CXXX.	,,
CXXXI.	,,
CXXXII.	,,
CXXXIII.	,,
CXXXIV.	Diplacrum.
CXXXV.	,,
CXXXVI.	Hoppia.
CXXXVII.	Lagenocarpus.
CXXXVIII.	Cryptangium.
CXXXIX.	Calyptrocarya. Everardia.
CXL.	Eriospora.
CXLI.	Schoenoxiphium.
CXLII.	Kobresia.
CXLIII.	,,
CXLIV.	Carex.

N.B. △ *designat* Sepalum.
▲ ,, Petalum.
♨ ,, Stamen fertile.
✳ ,, Stamen infertile, vel rudimentum, vel hiatum.

Tab. I.

1. Kyllinga brevifolia, Rottb. — Magn. nat. (Griffith n. 6250).
2. ,, ,, ,, Spicula ampl.
3. ,, ,, ,, Spicula dissecta.
4. ,, ,, ,, Spiculae diagramma.
5. Kyllinga squamulata, Vahl. — Magn. nat. (Schimper n. 89).
6. ,, ,, ,, ,, ,,
7. ,, ,, ,, Spicula ampl.
8. Kyllinga eximia. — Magn. nat. (James et Thrupp).
9. ,, ,, ,, ,,
10. ,, ,, Spicula ampl.

KYLLINGA

Tab. I

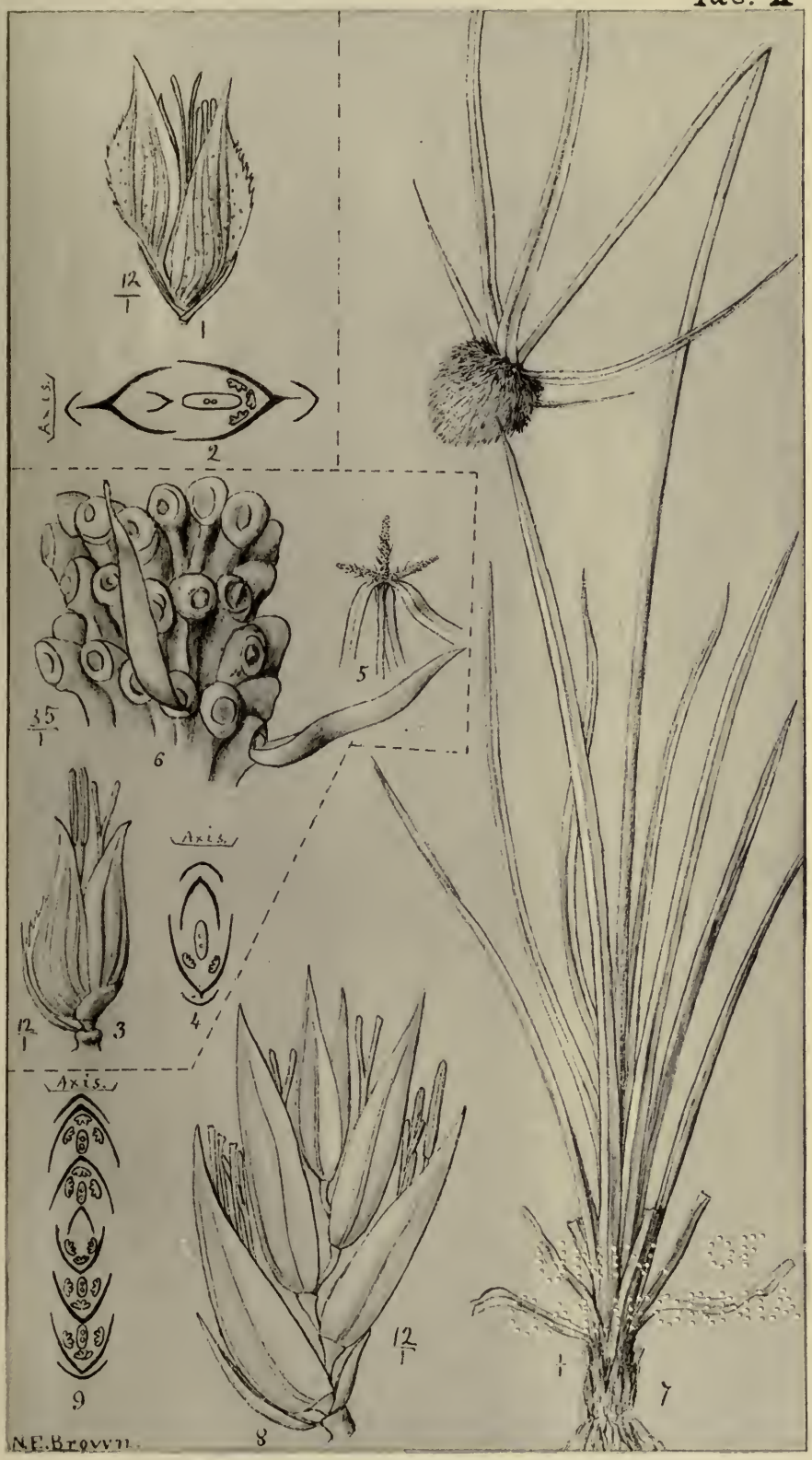
1–4. K. brevifolia, Rottb.
5–7. K. squamulata, Vahl
8–10. K. eximia

Tab. II.

1. Kyllinga monocephala, Rottb. — Spicula ampl.
2. ,, ,, ,, Spiculae diagramma.
3. Kyllinga odorata, Vahl. — Spicula ampl. (Poiteau, e Guianâ).
4. ,, ,, ,, Spiculae diagramma.
5. ,, ,, ,, Inflorescentia (Magn. nat.), spiculis delapsis.
6. ,, ,, ,, Hujus pars ampl.
7. Kyllinga macrocephala, Vahl. — Magn. nat. (Schimper n. 1305).
8. ,, ,, ,, Spicula ampl.
9. ,, ,, ,, Spiculae diagramma.

KYLLINGA

Tab. II



1, 2. K. monocephala, Rottb.
3 – 6. K. odorata, Vahl
7. – 9. K. macrocephala, A. Rich.

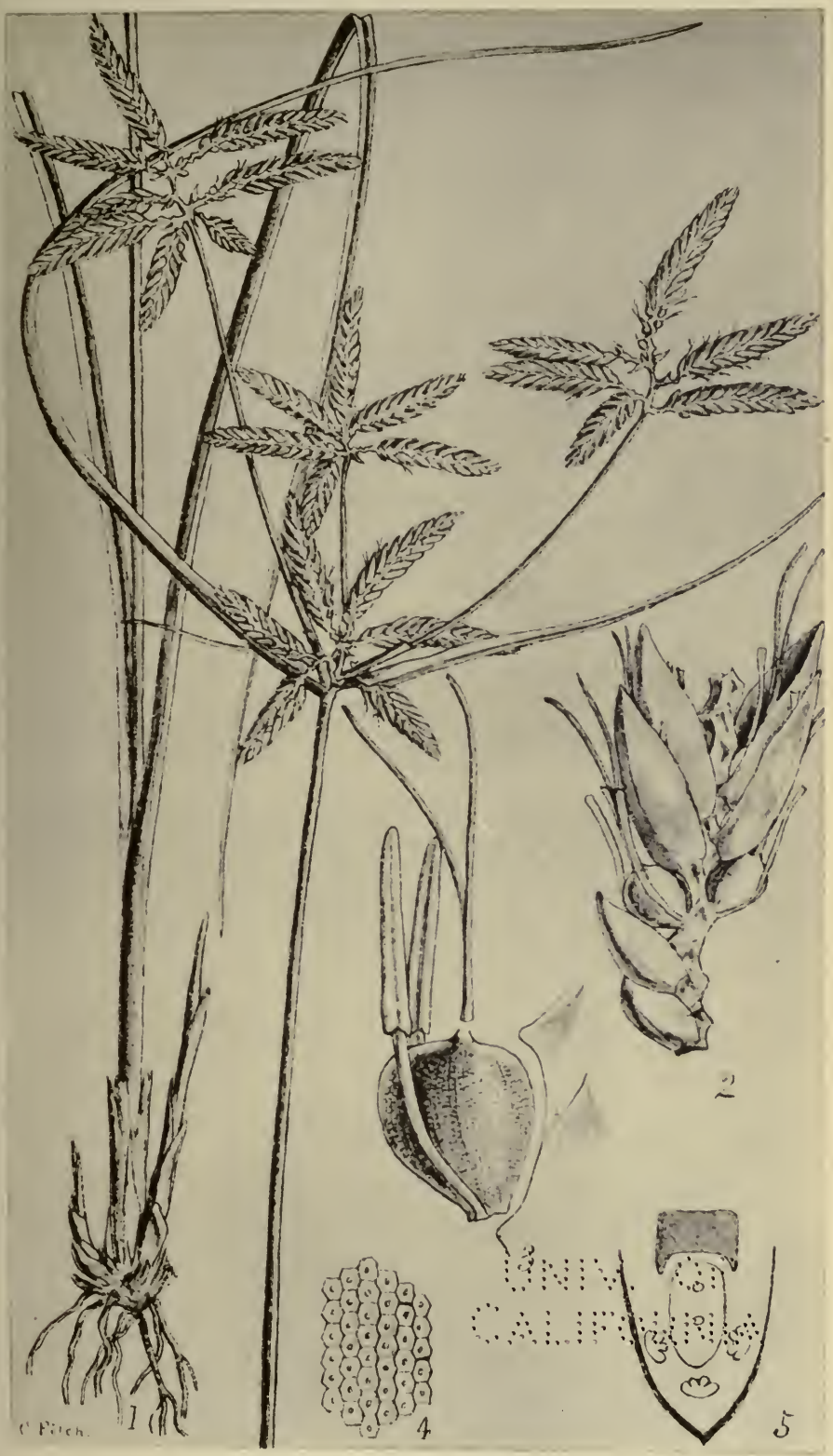
Tab. III.

1.	Pycreus latespicatus, C. B. Clarke. —	Planta, Magn. nat. (C. B. Clarke, n. 21208).
2.	,, ,, ,,	Spicula ampl.
3.	,, ,, ,,	Nux, a latere visa, magis ampl.
4.	,, ,, ,,	Floris diagramma.
5.	,, ,, ,,	Planta, Magn. nat. (C. B. Clarke, n. 15165).
6.	,, ,, ,,	Nucis superficies (*i.e.* "cellulae extimae"), admodum ampl.

1 – 6. P. latespicatus.

Tab. IV.

1. Pycreus angulatus, Nees. — Planta, Magn. nat. (C. B. Clarke, n. 40243).
2. ,, ,, ,, Spiculae pars ampl.
3. ,, ,, ,, Flos, in rhachillâ, magis ampl.
4. ,, ,, ,, Nucis superficies ("cellulae extimae"), × 40.
5. ,, ,, ,, Floris diagramma.



1 – 5 P angulatus, Nees.

Tab. V.

1.	Juncellus pustulatus.	—	Planta, Magn. nat., prope ad flumen Niger a Baikie lecta.
2.	,,	,,	Spicula ampl.
3.	,,	,,	Flos, in glumâ, a latere visus, magis ampl.
4.	,,	,,	Idem, a dorso visus.
6.	,,	,,	Barter, n. 1563, nux ampl., a latere visa.
7.	,,	,,	Eadem, in glumâ, a dorso visa.
9.	,,	,,	Nucis superficies.
10.	,,	,,	Floris diagramma.

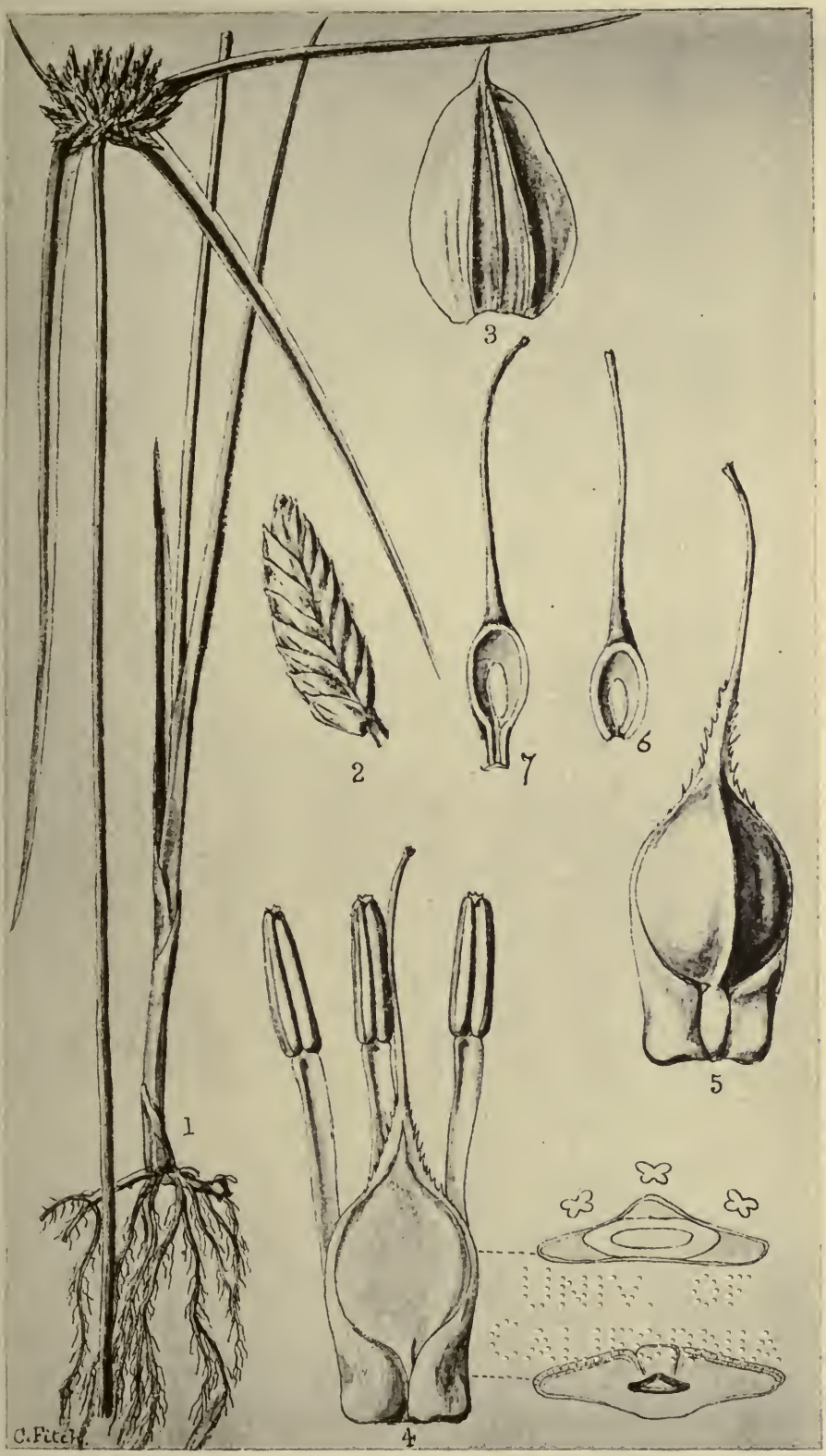
JUNCELLUS

Tab V

1 – 10. J. pustulatus

Tab. VI.

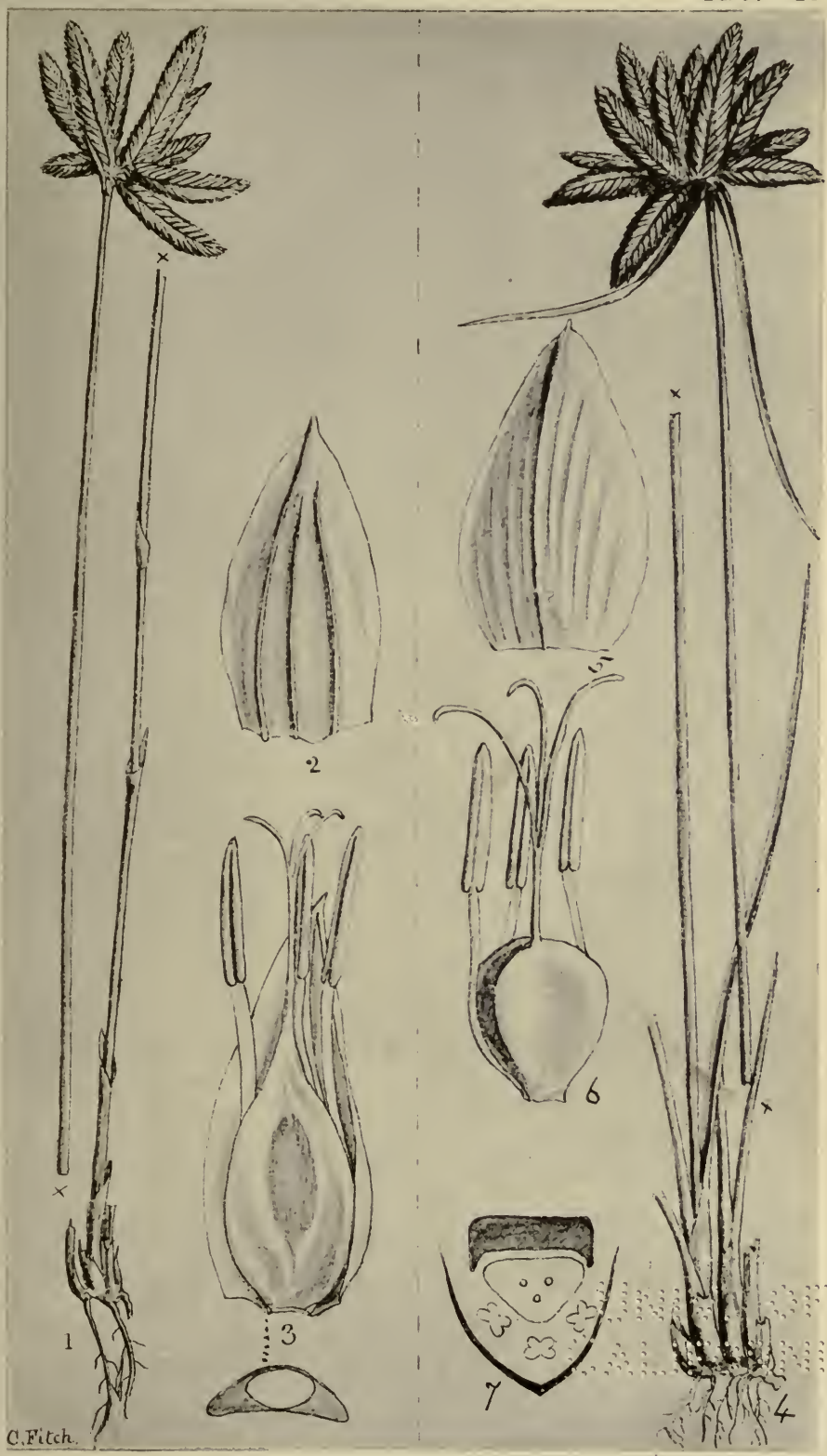
1.	Cyperus cephalotes, Vahl. —	Planta, Magn. nat. (Kurz n. 2670).
2.	,, ,, ,,	Spicula ampl.
3.	,, ,, ,,	Gluma florigera, magis ampl.
4.	,, ,, ,,	Flos, a dorso visus, magis ampl.
5.	,, ,, ,,	Idem, a facie anteriore visus.
6.	,, ,, ,,	Pistillum juvenile.
7.	,, ,, ,,	Idem, paullo magis provectum.



C. cephalotes, Vahl.

Tab. VII.

1. Cyperus nudicaulis, Poir. — Planta, Magn. nat. (Schweinfurth, n. 1157).
2. ,, ,, ,, Gluma florigera, ampliata.
3. ,, ,, ,, Flos, in glumâ, a dorso visus, paullo magis ampl.
4. Cyperus niveus, Retz. — Planta, Magn. nat., a T. Thomson in Punjab lecta.
5. ,, ,, ,, Gluma florigera, ampliata.
6. ,, ,, ,, Flos, a dorso visus, aequaliter ampl.
7. ,, ,, ,, Floris diagramma.



1 – 3. C. nudicaulis, Poir.

4 – 7. C. niveus, Retz.

Tab. VIII.

Tab. VIII.

1. Cyperus ochrocephalus, C. B. Clarke. — Planta, Magn. nat., a Pogge in Kimbundo lecta.
2. ,, ,, ,, Spicula ampl.
3. ,, ,, ,, Pistillum juvene, magis ampl.
4. Cyperus Atkinsoni, C. B. Clarke. — Planta, Magn. nat. (C. B. Clarke, n. 24196).
5. ,, ,, ,, Gluma florigera, ampl.
6. ,, ,, ,, Flos, a facie anticâ visus, aequaliter ampl.

1 – 3. C. ochrocephalus.

4 – 6 C. Atkinsoni, C.B.Clarke

Tab. IX.

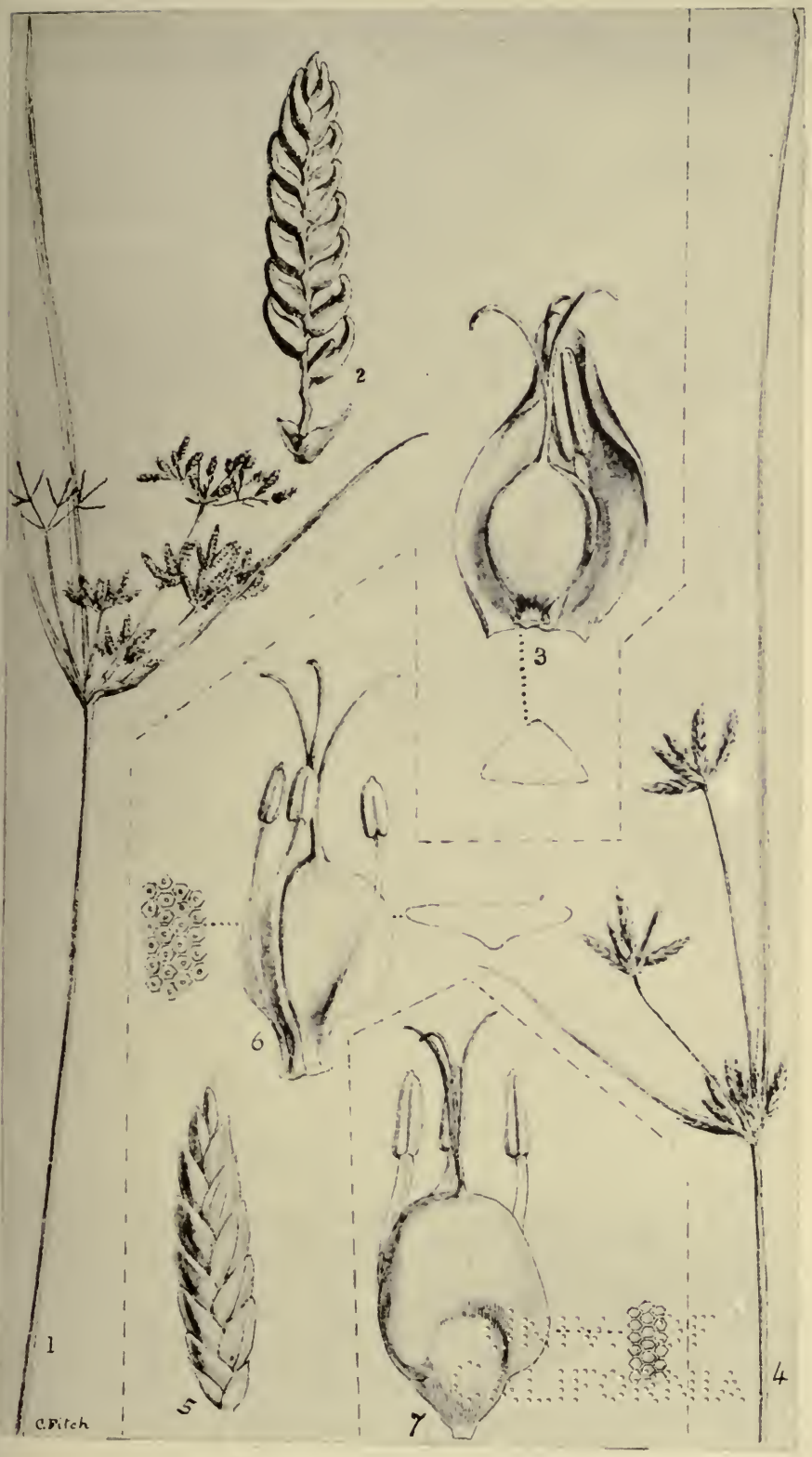
1. Cyperus trinervis, R. Br.—Planta (pars), Mag. nat. (R. Brown n. 5916).
2. ,, ,, ,, Spicula ampl.
3. ,, ,, ,, Gluma florigera, magis ampl.
4. ,, ,, ,, Flos, in glumâ, a latere visus, paullo magis ampl.
5. Cyperus reduncus, Hochst. — Planta (pars), Magn. nat., a Grant in Unjoro lecta.
6. ,, ,, ,, Spicula ampl.
7. ,, ,, ,, Flos, in glumâ, a latere visus, magis ampl.
8. ,, ,, ,, Ovarii sectio horizontalis.

1 – 4. C. trinervis, R. Br

5 – 8. C. reduncus, Hochst.

Tab. X.

1. Cyperus pulcherrimus, Willd. — Planta (pars), Magn. nat. (Curtis n. 1954).
2. ,, ,, ,, Spicula ampl.
3. ,, ,, ,, Flos, in glumâ, a dorso visus, magis ampl.
4. Cyperus podocarpus, Boeck. — Planta (pars), Magn. nat. (Schweinfurth n. 2005).
5. ,, ,, ,, Spicula ampl.
6. ,, ,, ,, Flos, a facie anticâ visus, magis ampl.
7. Cyperus Gardneri, Nees. — Flos, a dorso visus, ampliatus.



1 – 3. C. pulcherrimus, Willd.

4 – 6. C. podocarpus, Boeck.

7.— C. Gardneri, Nees

Tab. XI.

1. Cyperus canus, Presl. — Plantae ♂ (Shaffner n. 562), spicula ampl.
2. ,, ,, ,, Hujus gluma cum staminibus magis ampl.
3. ,, ,, ,, Plantae ♀ (J. Donnell Smith n. 2229), spicula ampl.
4. ,, ,, ,, Hujus pistillum magis ampl.
5. Cyperus ochraceus, Vahl. — Inflorescentia, Magn. nat. (Pringle n. 3724).
6. ,, ,, ,, Spicula, magis ampl.
7. ,, ,, ,, Flos in glumâ, a facie posticâ visus, magis ampl.

1–4. C. canus. Presl
5–7. C. ochraceus Vahl

Tab. XII.

1. Cyperus disjunctus. — Planta, Magn. nat (C. Moore n. 81 in hb. Kew).
2. „ „ Spicula ampl.
3. Cyperus fertilis, Boeck. — Planta, Magn. nat. (G. Mann n. 1021)
4. „ „ „ Spicula ampl.
5. „ „ „ Anthera magis ampl.
6. „ „ „ Pistillum magis ampl.

1-2. C. disjunctus.
3-6. C fertilis. Boeck

Tab. XIII.

1. Cyperus multispicatus, Boeck. — Umbellæ basis (cum unico radio), Magn. nat. (Helfer n. 6163).
2. ,, ,, ,, Spicula ampl.
3. ,, ,, ,, Flos in glumâ, a facie posticâ visus, magis ampl.
4. Cyperus turgidulus, C. B. Clarke. — Umbella, Magn. nat. (Curtis n. 883).
5. ,, ,, ,, Spicula magis ampl.

1 – 3. C. multispicatus Boeck.
4 – 5. C. turgidulus, C. B. Clarke

Tab. XIV.

1. Cyperus Iria, Linn. — Umbellae pars, Magn. nat. (Duthie n. 4480, exemplum typicum).
2. ,, ,, ,, Umbellae pars, Magn. nat. (Thwaites n. 811, var. paniciformis (sp.) Franch. et Savat).
3. Cyperus Thomsoni, Boeck. — Umbellae pars, Magn. nat. (C. B. Clarke n. 11688 in hb. Kew).
4. ,, ,, ,, Spicula ampl.
5. ,, ,, ,, Spiculae apex, magis ampl.

1–2. C. Iria. Linn.
3–5. C. Thomsoni. Boeck

Tab. XV.

1. Cyperus Babakensis, Steud. — Umbella, Magn. nat. (exemplum in hb. Kew conservatum, prope ad Serhampore a Griffith lectum).
2. ,, ,, ,, Spicula ampl.
3. ,, ,, ,, Nux in glumâ magis ampl., a facie posticâ (paullo oblique) visa.
4. Cyperus Buckleyi, Britton. — Umbella, Magn. nat. (Pringle n. 311).
5. ,, ,, ,, Rhizoma, Magn. nat.
6. ,, ,, ,, Spicula ampl.
7. ,, ,, ,, Spicæ basis (Pringle n. 3414), ampl., glandulâ in basi spiculæ persistentis interdum sitâ).

1 – 3. C. Babakensis. Steud.
4 – 7. C. Buckleyi. Britton.

Tab. XVI.

1. Cyperus usitatus, Burchell.— Planta, Magna nat. (Rehmann n. 3084, Zeyher n. 1743); *a*, Bulbus vetus; *b*, *c*. *d*, Stolones hornetini; *b*, a bulbo juvenili terminatus.
2. Cyperus scariosus, R. Br. — Planta, Magn. nat. (R. Brown n. 5893).
3. ,, ,, ,, Culmus alter, Magn. nat. (R. Brown n. 5893).

1. — C. usitatus, Burchell.
2-3. C. scariosus. R. Br.

Tab. XVII.

1. Cyperus tegetum, Roxb. — Spiculae pars, ampl. (C. B. Clarke n. 41974).
2. Cyperus Berlandieri. — Spicula, Magn. nat. (Berlandier n. 2410).
3. ,, ,, Spiculae pars, magis ampl.
4. Cyperus subulatus, R. Br. — Planta, Magn. nat. (R. Brown n. 5886).
5. ,, ,, ,, Spicula ampl.

1.— C. tegetum, Roxb.
2-3. C. Berlandieri,
4-5. C. subulatus, R. Br.

Tab. XVIII.

1. Cyperus Zollingeri, Steud. — Umbellae pars, Magn. nat. (Exemplum a J. D. Hooker in Khasia lectum).
2. ,, ,, ,, Spiculae pars superior, ampl.
3. Cyperus Tonkinensis. — Planta, Magn. nat. (Balansa n. 2831).

1—2. C. Zollingeri, Steud.
3.— C. Tonkinensis.

Tab. XIX.

1. Cyperus stoloniferus, Retz. — Planta, Magn. nat. (Wight n. 1825.*a*).
2. ,, ,, ,, Spicula ampl.
3. ,, ,, ,, Nux.
4. Cyperus setigerus, Torrey. — Umbellæ radius unicus, Magn. nat. (Drummond n. 453).
5. ,, ,, ,, Spicula ampl.

1–3. C. stoloniferus, Retz.

4–5. C. setigerus, Torrey.

Tab. XX.

1 Cyperus elephantinus, C. B. Clarke. — Spiculae fragmentum ampl., rhacheolae alis persistentibus (Buchanan n. 320).

2. ,, ,, ,, Spiculae sectio horizontalis.

3. Cyperus platyphyllus, Rœm. et Sch. — Rhacheolae fragmentum, cum glumâ alisque caducis, ampl. (Thwaites n. 3041).

4. ,, ,, ,, Stamen magis ampl., connectivo longissime appendiculato.

5. Cyperus giganteus, Vahl. — Umbellae radius unicus, Magn. nat. (Glaziou n. 12261).

6. ,, ,, ,, Spicula ampl.

1-2 C. elephantinus, C. B. Clarke.
3-4. C. platyphyllus, Roem. et Sch.
5-6. C. giganteus, Vahl.

Tab. XXI.

1.	Mariscus Dregeanus, Kunth. —	Planta, Magn. nat. (Koenigii exemplum in Madras lectum).
2.	,, ,, ,,	Spicula ampl.
3.	,, ,, ,,	Rhacheolae fragmentum, alis persistentibus, cum glumâ nuce, magis ampl.
4.	,, ,, ,,	Caput, Magn. nat. (Wight n. 1838).
5.	,, ,, ,,	Spicula ampl. (quam in fig. 2 angustior).
6.	,, ,, ,,	Nux in glumâ, magis ampl. (quam in fig. 2 angustior).
7.	Mariscus coloratus, Nees. —	Caput, Magn. nat. (Barteri exemplum prope ad Niger flumen lectum).
8.	,, ,, ,,	Spicula ampl.
9.	,, ,, ,,	Nux in glumâ, magis ampl.

1–6. M. Dregeanus, Kunth.
7–9. M. coloratus, Nees.

Tab. XXII.

1. Mariscus paniceus, Vahl. — Planta, Magn. nat. (Wightii exemplum in Madras lectum.
2. ,, ,, ,, Spicula dissecta, ampl.; rhachillâ alatâ glumam mentiente.
3. Mariscus cyperinus, Vahl. — Umbella, Magn. nat. (Motley n. 64).
4. ,, ,, ,, Spicula dissecta magis ampl.
5. Mariscus radiatus, Krauss. — Spica, spiculis pro magnâ parte delapsis, ampl. (Buchanani exemplum in Africâ Australi lectum).

1 – 2. M. paniceus, Vahl.
3 – 4. M. cyperinus, Vahl.
5. M. radiatus, Krauss.

Tab. XXIII.

1. Mariscus cyperinus, Vahl., var. γ Bengalensis.— Umbella, Magn. nat. (C. B. Clarke n. 26595).
2. ,, ,, ,, ,, ,, Spicula ampl.
3. Mariscus pictus, Nees. — Umbella, Magn. nat. (Wight n. 1846).
4. ,, ,, ,, Spicula ampl.
5. Mariscus Sieberianus, Nees. — Umbella, Magn. nat. (Hookeri exemplum in Khasia lectum).
6. ,, ,, ,, Spicula ampl.
7. Mariscus Sieberianus, Nees, var. β evolutior. — Spicula ampl. (Hookeri exemplum in Sikkim lectum).
8. Mariscus pseudo-flavus, C. B. Clarke. — Umbella (Exemplum in Kilimanjaro lectum).
9. ,, ,, ,, Spicula ampl.

1 – 2. M. cyperinus, Vahl, Var.
3 – 4. M. pictus, Nees.
5 – 7. M. Sieberianus, Nees.
8.- M. pseudo-flavus, C. B. Clarke.

Tab. XXIV.

1. Mariscus ovularis, Vahl. — Umbella, Magn. nat. (Berlandier n. 1574).
2. ,, ,, ,, Spicula ampl.
3. Mariscus ovularis, Vahl., var. robusta. — Umbella, Magn. nat. (Lindheimer n. 202).
4. ,, ,, ,, ,, ,, Spicula ampl.
5. Mariscus uniflorus, Steud. — Umbella, Magn. nat. (Drummond n. 346).
6. ,, ,, ,, Spicula ampl.

1 – 4. M. ovularis, Vahl.
5 – 6. M. uniflorus, Steud.

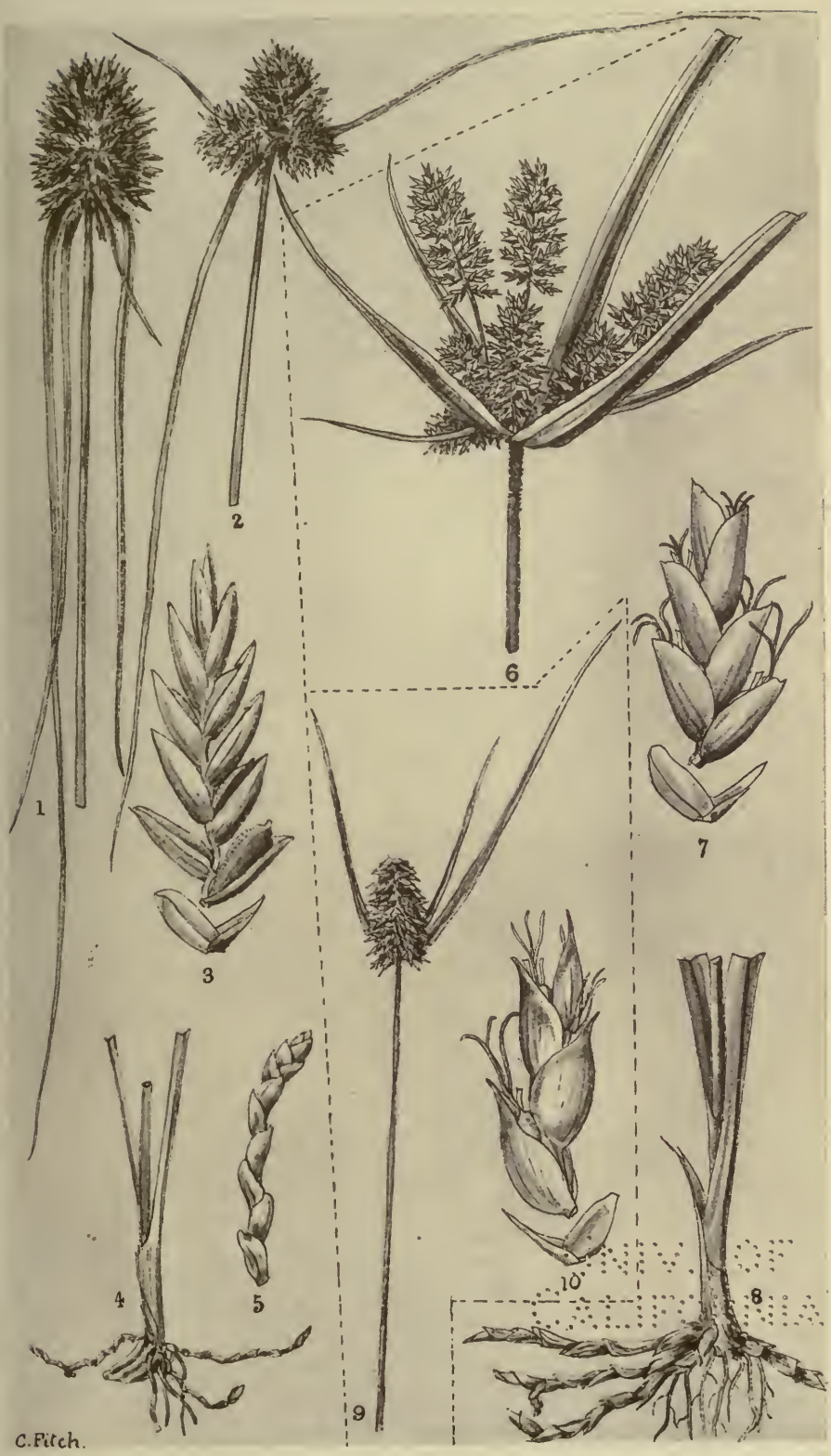
Tab. XXV.

1. Mariscus tetragonus, Elliott. — Spicae fragmentum, spiculis pro magnâ parte delapsis, ampl. (Curtis n. 3059).
2. ,, ,, ,, Rhacheolae fragmentum, alatum, 2 glumis nuceque, magis ampl.
3. Mariscus Jacquinii, H. B. K. — Spicula ampl. (Tuerckheim n. 1240).
4. Mariscus Panamensis. — Umbella, Magn. nat. (Hayes n. 427).
5. ,, ,, Spicula (glumis subaristatis) ampl.
6. Mariscus Swartzii, Dietr. — Spicula ampl. (Wright, 699.*a*).

1 – 2 M. tetragonus, Elliott.
3.- M. Jacquinii, H.B.K.
4 – 5. M. Panamensis
6.- M. Swartzii, Dietr.

Tab. XXVI.

1. Mariscus ischnos, C. B. Clarke. — Caput, Magn. nat. (e schedâ Purdiei).
2. ,, ,, ,, Caput alterum, Magn. nat. (ex eâdem schedâ).
3. ,, ,, ,, Spicula ampl.
4. ,, ,, ,, Culmi basis, Magn. nat. (F. Mueller n. 1994).
5. ,, ,, ,, Stolon ampl. (F. Mueller n. 1994).
6. Mariscus Manimae.— Umbella, Magn. nat. (Schaffner n. 2).
7. ,, ,, Spicula ampl.
8. ,, ,, Culmi basis, Magn. nat.
9. Mariscus Urbani. — Caput, Magn. nat. (Sintenis n. 2241).
10. ,, ,, Spicula ampl.



1 – 5. M. ischnos.
6 – 8. M. Manimae.
9 – 10. M. Urbani.

Tab. XXVII.

1. Mariscus Mutisii, H. B. K. — Umbellae radius unicus, Magn. nat. (Bourgeau n. 2979).
2. ,, ,, ,, Spicula ampl.
3. Mariscus rufus, H. B. K. — Nux in glumâ, cum rhachillae fragmento, ampl. (Fendler n. 355).
4. Mariscus brunneus. — Umbella, Magn. nat. (Sintenis n. 3419).
5. ,, ,, Spicula ampl.
6. ,, ,, Nux in glumâ, cum rhachillæ fragmento, magis ampl.
9. Mariscus decompositus, R. Br. — Umbellae radius unicus, Magn. nat. (e schedâ Dallachy).
8. ,, ,, ,, Spicula ampl. (glumis 3 vacuis).

1–2. M. Mutisii, H.B.K.
3. M. rufus, H.B.K.
4–6. M. brunneus.
7. M. decompositus, R.Br.

Tab. XXVIII.

1. Mariscus riparius, Schrader. — Umbellae pars, Magn. nat. (Burchell, n. 282).
2. „ „ „ Spicula ampl.
3. „ „ „ Nux in glumâ, magis ampl.
4. Mariscus Rehmannianus. — Umbella, Magn. nat. (e schedâ Holub).
5. „ „ Spicula ampl.
6. Mariscus Cooperi. — Umbellæ pars, Magn. nat. (Cooper n. 3333).

1. 2. S. pauciflora, Willd.
3–5. S. Mackaviensis, Boeck.

Tab. XXIX.

1. Mariscus flabelliformis, H. B. K. — Umbella, Magn. nat. (e schedâ Liebmanni a Liebm. inscriptâ "Cyperus Caracasanus, Kunth").
2. ,, ,, ,, Spicula ampl.
3. Mariscus longus, Nees. — Umbellae pars, Magn. nat. (e schedâ Selloi).
4. ,, ,, ,, Spicula ampl.
5. Mariscus squarrosus, C. B. Clarke. — Spica (cum 4 spiculis nondum delapsis), ampl. (Griffith n. 337).

1-2. M. flabelliformis, H. B. K.
3-4. M. longus, Nees.
5. M. squarrosus.

Tab. XXX.

1. Mariscus setiglumis. — Umbellae pars, Magn. nat. (Burchell n. 2641).
2. ,, ,, Spiculae fragmentum, ampl.
3. Mariscus Tabina. — Umbellae radius unicus, Magn. nat. (Mandon n. 1399).
4. ,, ,, Spicula ampl.
5. Mariscus Lancastriensis. — Umbellae pars, Magn. nat. (Glaziou n. 570).
6. ,, ,, Spicula ampl.
7. Mariscus fulvus. — Umbella, Magn. nat. (Amalia Dietrich n. 710).
8. ,, ,, Spicula ampl.

1-2. M. setiglumis.
3-4. M. Tabina.
5-6. M. Lancastriensis.
7-8. M. fulvus.

Tab. XXXI.

1. Torulinium confertum, Ham. — Umbellae pars, Magn., nat. (Bourgeau n. 3145).
2. ,, ,, ,, Spicula ampl.
3. ,, ,, ,, Rhachillae articulus unicus, ampl.
4. ,, ,, ,, Nux, magis ampl.
5. Torulinium Michauxianum, var. β parva. — Planta, Magn. nat. (e schedâ W. W. Saunders).
6. ,, ,, ,, ,, Spicula ampl.
7. ,, ,, ,, ,, Nux, magis ampl.

1-4. T. confertum, Ham.
5-7. T. Michauxianum, var.

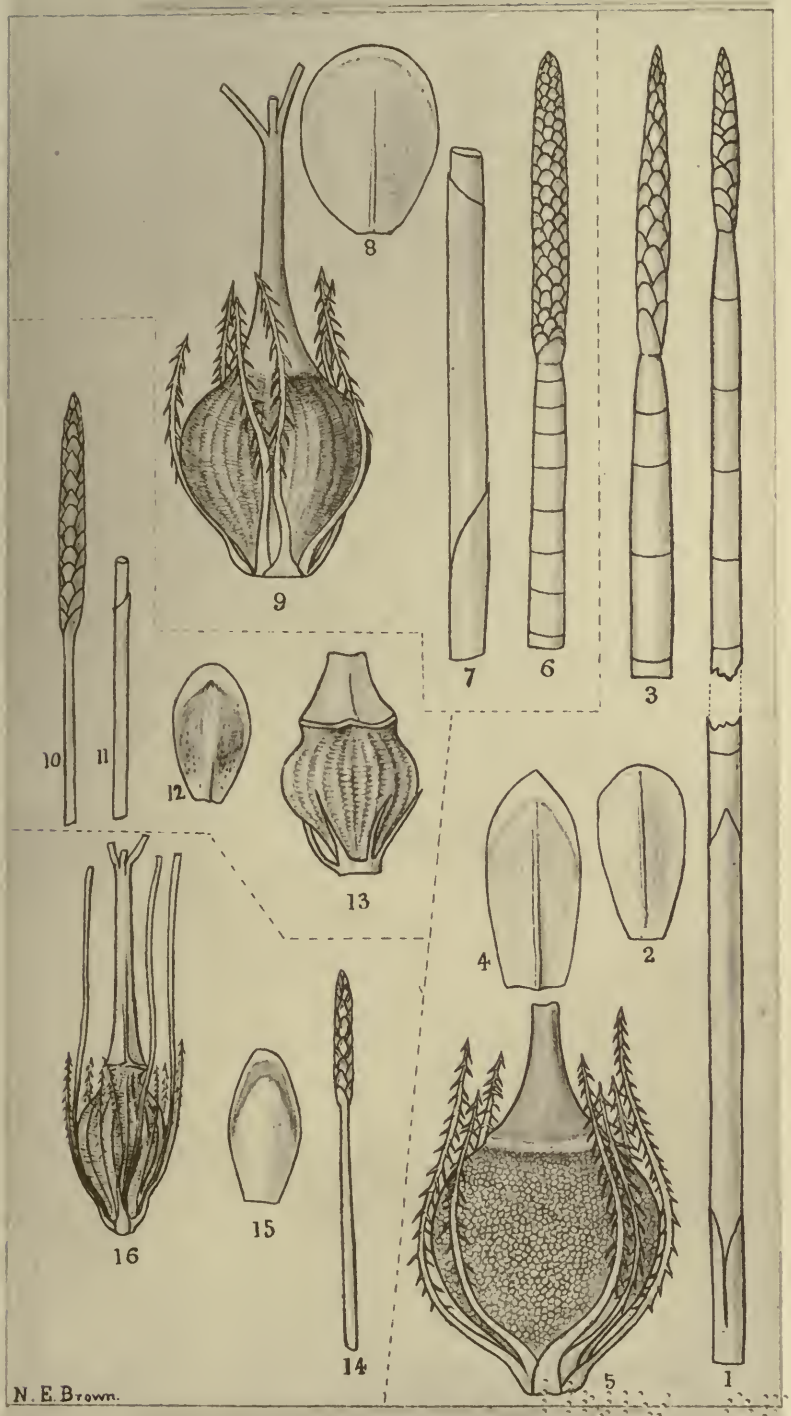
Tab. XXXII.

1. Courtoisia assimilis, C. B. Clarke. — Planta, Magn. nat. (Schimper n. 1074).
2. ,, ,, ,, Spicula ampl.
3. ,, ,, ,, Flos. in glumâ, magis ampl.
4. ,, ,, ,, Floris diagramma.
5. ,, ,, ,, Planta, Magn. nat. (Holub n. 745).
6. ,, ,, ,, Spicula ampl.

1 – 6. C. assimilis.

Tab. XXXIII.

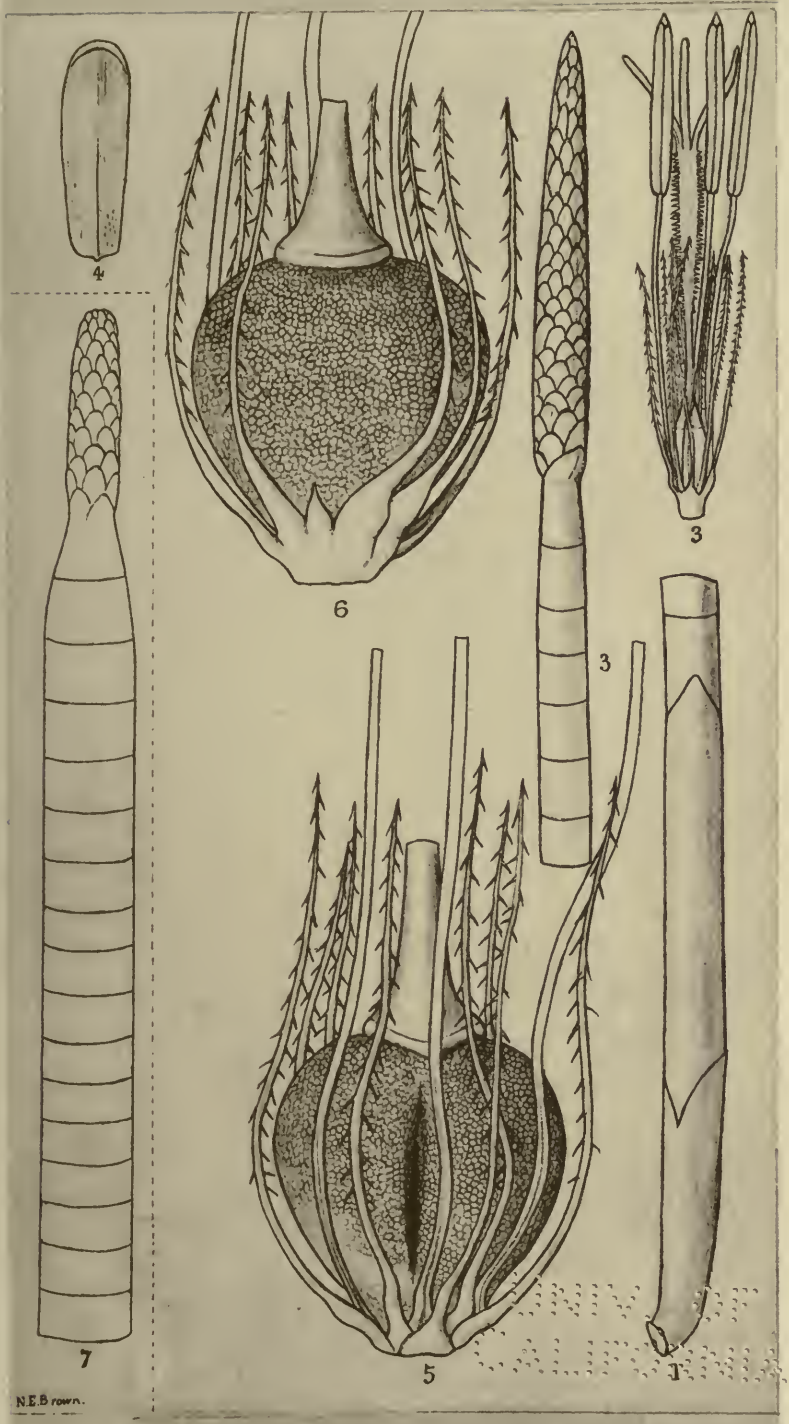
1. Eleocharis plantaginea, R. Br. — Culmi basis apex, Magn. nat. (Wight n. 1901).
2. ,, ,, ,, Bractea (gluma ima vacua), 4 diam. ampl.
3. ,, ,, ,, Culmi apex (Gerrard 194).
4. ,, ,, ,, Bractea (gluma ima vacua), 4 diam. ampl.
5. ,, ,, ,, Nux, cum setis, a facie anticâ visa, 15 diam. ampl.
6. Eleocharis interstincta, R. Br. — Culmi apex, Magn. nat.
7. ,, ,, ,, Culmi basis, Magn. nat.
8. ,, ,, ,, Bractea (gluma ima vacua), 5 diam. ampl.
9. ,, ,, ,, Nux, cum setis, a facie anticâ visa, 15 diam. ampl.
10. Eleocharis mitrata.— Culmi apex, Magn. nat. (Spruce n. 1289)
11. ,, ,, Culmi basis, Magn. nat.
12. ,, ,, Bractea (gluma ima vacua), 5 diam ampl.
13. ,, ,, Nux, cum setis, a facie anticâ visa, 15 diam. ampl.
14. Eleocharis elata. — Culmi apex, Magn. nat. (Glaziou n. 9338).
15. ,, ,, Bractea (gluma ima vacua), 5 diam. ampl.
16. ,, ,, Nux, cum setis filamentisque, a facie anticâ visa, 20 diam. ampl.



1–5. E. plantaginea, R. Br.
6–9. E. interstincta, R. Br.
10–13. E. mitrata.
14–16. E. elata.

Tab. XXXIV.

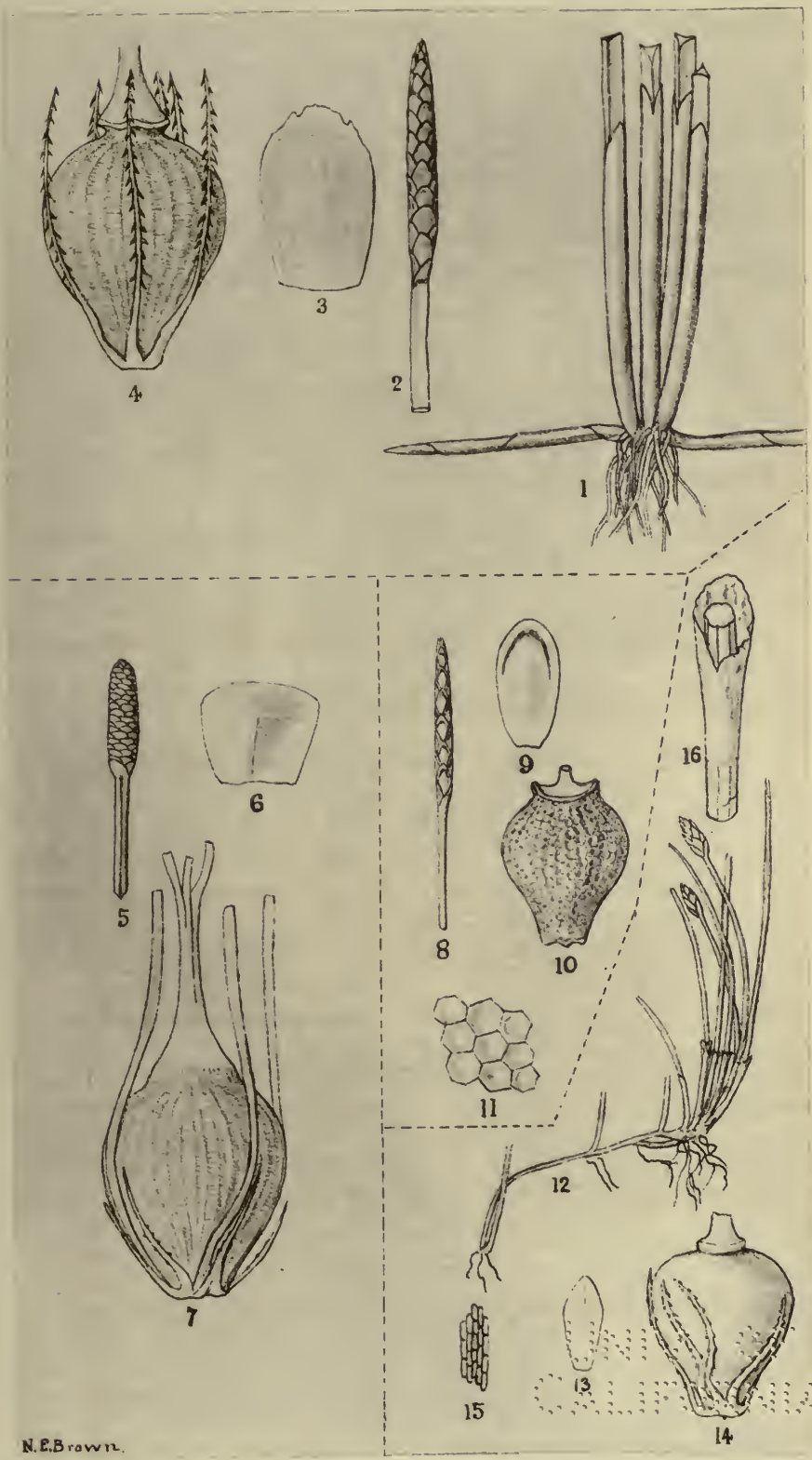
1. Eleocharis sphacelata, R. Br. — Culmi basis, Magn. nat. (R. Brown n. 5935).
2. ,, ,, ,, Culmi apex, Magn. nat.
3. ,, ,, ,, Flos junior, 6 diam. ampl.
4. ,, ,, ,, Bractea (gluma ima vacua), 3 diam. ampl.
5. ,, ,, ,, Nux, cum setis filamentisque, a facie anticâ visa, 15 diam. ampl.
6. ,, ,, ,, Nux, cum setis filamentisque, a facie posticâ visa, 15 diam. ampl.
7. Eleocharis plantaginea, R. Br., var. gigantea. — Culmi apex, Magn. nat.; tabula e plantâ in horto Bogor. cultâ delineata.



1-6. E. sphacelata, R. Br.
7. E. plantaginea, R. Br. var.

Tab. XXXV.

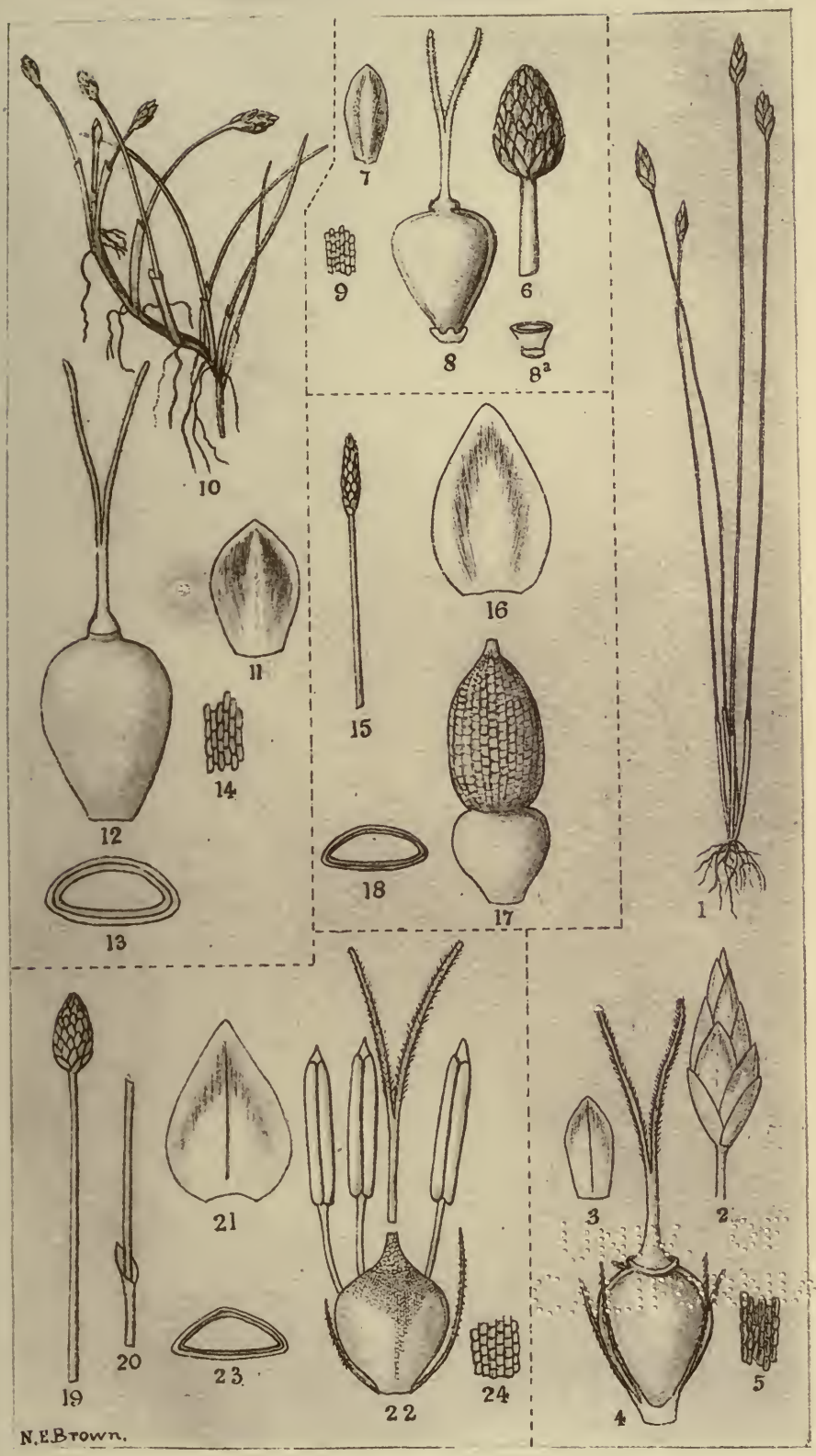
1. Eleocharis fistulosa, Schultes. — Culmi basis, Magn. nat. (Wight n. 2881).
2. ,, ,, ,, Culmi apex, Magn. nat.
3. ,, ,, ,, Gluma, 5 diam. ampl.
4. ,, ,, ,, Nux, cum setis, a facie anticâ visa, 15 diam. ampl.
5. Eleocharis spiralis, R. Br. — Culmi apex, Magn. nat. (Griffith, Kew n. 6231).
6. ,, ,, ,, Gluma, 5 diam. ampl.
7. ,, ,, ,, Nux, cum setis filamentisque, a facie anticâ visa, 20 diam. ampl.
8. Eleocharis nuda. — Culmi apex, Magn. nat. (a Gulliver in Australiâ lecti).
9. ,, ,, Gluma, 5 diam. ampl.
10. ,, ,, Nux, 15 diam. ampl.
11. ,, ,, Nucis superficies, 40 diam. ampl.
12. Eleocharis Sellowiana, Kunth. — Planta, Magn. nat. (a Salzmann in Bahia lecta).
13. ,, ,, ,, Gluma, 5 diam. ampl.
14. ,, ,, ,, Nux, cum setis, a facie anticâ visa, 24 diam. ampl.
15. ,, ,, ,, Nucis superficies, 60 diam. ampl.



1 - 4. E. fistulosa, Schultes.
5 - 7. E. spiralis, R. Br.
8 - 11. E. nuda.
12 - 15. E. Sellowiana, Kunth.

Tab. XXXVI.

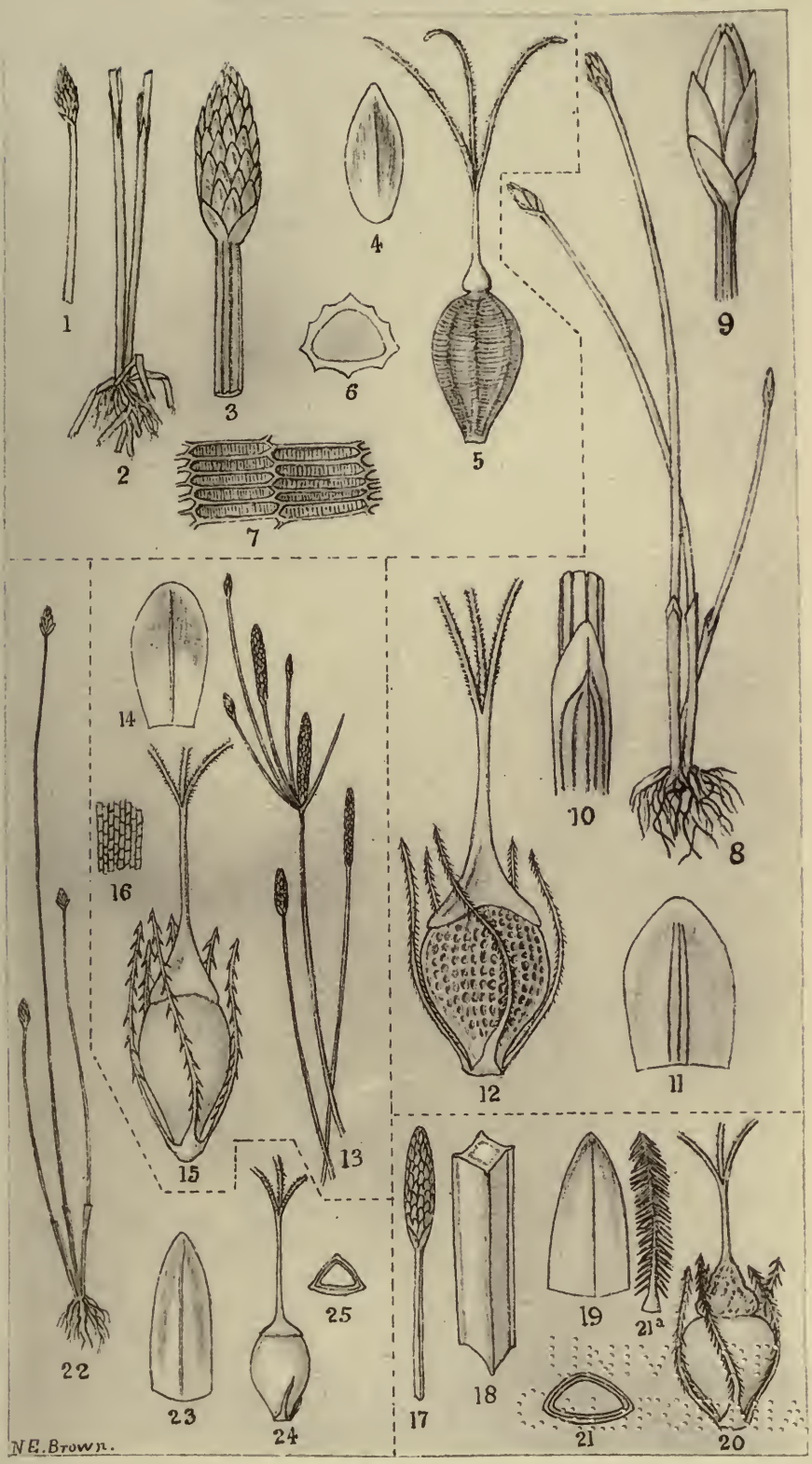
1. Eleocharis debilis, Kunth. — Planta, Magn. nat. (Glaziou n. 15685).
2. ,, ,, ,, Spicula, 5 diam. ampl.
3. ,, ,, ,, Gluma, 5 diam. ampl.
4. ,, ,, ,, Nux, cum setis, a facie posticâ visa, 15 diam. ampl.
5. ,, ,, ,, Nucis superficies, 100 diam. ampl.
6. Eleocharis atropurpurea, Kunth. — Spicula, 5 diam. ampl. (Spruce n. 6419).
7. ,, ,, ,, Gluma, 10 diam. ampl.
8. ,, ,, ,, Nux, cum setarum rudimentis, 25 diam. ampl.
8*a*. ,, ,, ,, Nucis alterae basis, 25 diam. ampl.
9. ,, ,, ,, Nucis superficies, 100 diam. ampl.
10. Eleocharis Neo-Zelandica, T. Kirk.—Planta, Magn. nat. (T. Kirk n. 1005).
11. ,, ,, ,, Gluma, 6 diam. ampl.
12. ,, ,, ,, Nux, 15 diam. ampl.
13. ,, ,, ,, Nucis sectio horizontalis, 15 diam. ampl.
14. ,, ,, ,, Nucis superficies, 100 diam. ampl.
15. Eleocharis Savatieri. — Culmi apex. Magn. nat. (Savatier n. 2020).
16. ,, ,, Gluma ampl.
17. ,, ,, Nux, 10 diam. ampl.
18. ,, ,, Nucis sectio horizontalis, 10 diam. ampl.
19. Eleocharis simulans. — Culmi apex, Magn. nat. (Exemplum Chilense in hb. Delessert).
20. ,, ,, Culmi pars, cum vaginâ summâ, Magn. nat.
21. ,, ,, Gluma, 5 diam. ampl.
22. ,, ,, Nux, cum setis, a facie posticâ visa, 8 diam. ampl.
23. ,, ,, Nucis sectio horizontalis, 10 diam. ampl.
24. ,, ,, Nucis superficies, 60 diam. ampl.



1-5. E. debilis, Kunth.
6-9. E. atropurpurea, Kunth.
10-14. E. Neo-Zelandica, T. Kirk.
15-18. E. Savatieri.
19-24. E. simulans.

Tab. XXXVII.

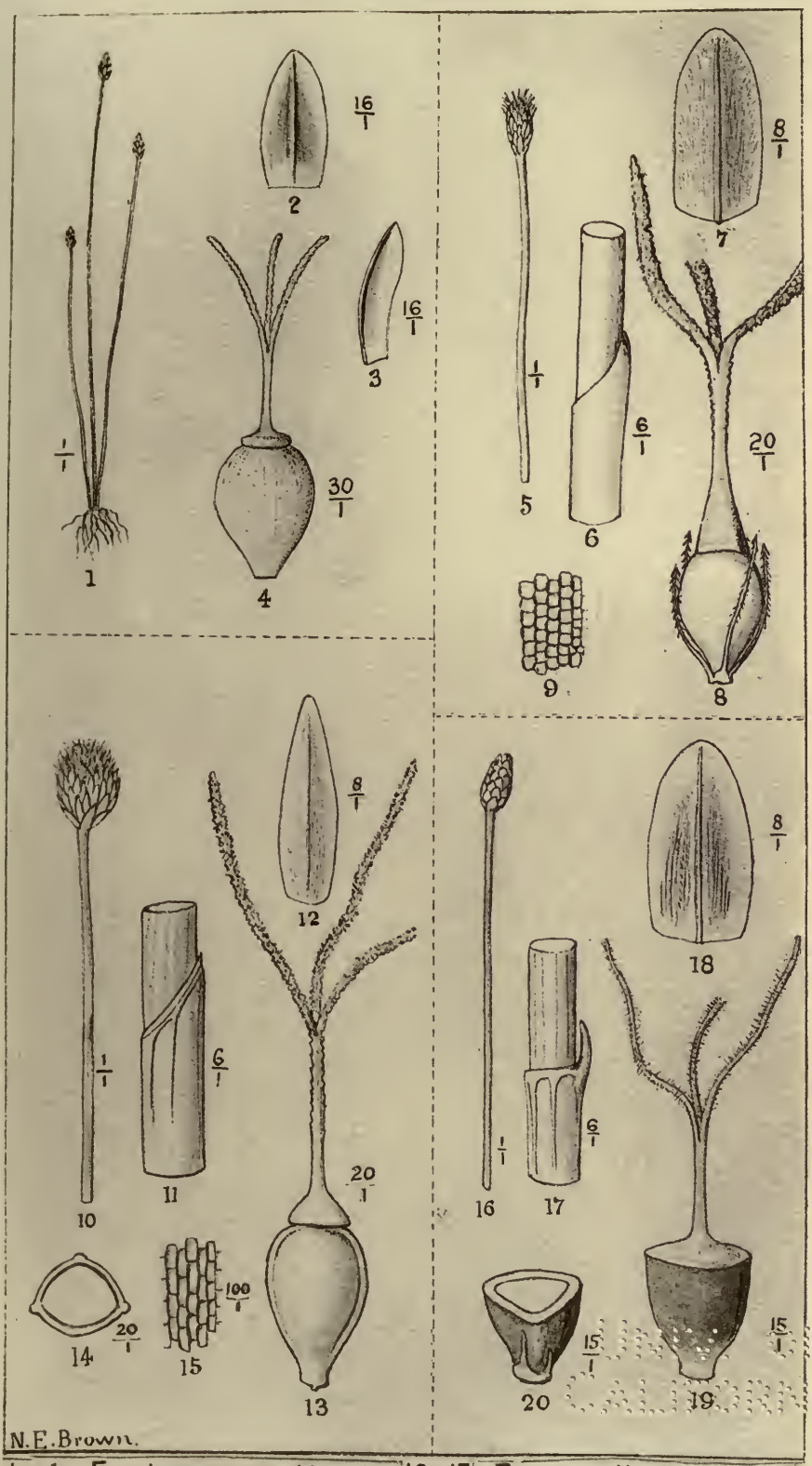
1.	Eleocharis Wolfii, A. Gray. —	Spicula, Magn. nat. (Exemplum Americanum Wolfii).
2.	,, ,, ,,	Culmi basis, Magn. nat.
3.	,, ,, ,,	Culmi apex, 3 diam. ampl.
4.	,, ,, ,,	Gluma, 6 diam. ampl.
5.	,, ,, ,,	Nux, 20 diam. ampl.
6.	,, ,, ,,	Nucis sectio horizontalis, 20 diam. ampl.
7.	,, ,, ,,	Nucis superficies, 50 diam. ampl.
8.	Eleocharis arenaria, Benth. —	Planta, Magn. nat. (Spruce n. 72).
9.	,, ,, ,,	Spicula, 4 diam. ampl.
10.	,, ,, ,,	Vaginæ apex, 6 diam. ampl.
11.	,, ,, ,,	Gluma, 5 diam. ampl.
12.	,, ,, ,,	Nux, cum setis, a facie anticâ visa, 15 diam. ampl.
13.	Eleocharis subvivipara, Boeck. —	Culmorum 3 apices, Magn. nat. (C. B. Clarke n. 45920).
14.	,, ,, ,,	Gluma, 10 diam. ampl.
15.	,, ,, ,,	Nux, cum setis, a facie anticâ visa, 20 diam. ampl.
16.	,, ,, ,,	Nucis superficies, 100 diam. ampl.
17.	Eleocharis tetraquetra, Nees. —	Spicula, Magn. nat. (C. B. Clarke n. 2218).
18.	,, ,, ,,	Culmi fragmentum, 6 diam. ampl.
19.	,, ,, ,,	Gluma, 6 diam. ampl.
20.	,, ,, ,,	Nux, cum setis, a facie anticâ visa, 10 diam. ampl.
21.	,, ,, ,,	Nucis sectio horizontalis, 10 diam. ampl.
21*a*.	,, ,, ,,	Seta, 10 diam. ampl. (Faber n. 238).
22.	Eleocharis minima, Kunth. —	Planta, Magn. nat. (Funcke n. 698).
23.	,, ,, ,,	Gluma, 10 diam. ampl.
24.	,, ,, ,,	Nux, cum setis, 20 diam. ampl.
25.	,, ,, ,,	Nucis sectio horizontalis, 20 diam. ampl.



1 - 7. E. Wolfii, A. Gray.
8 - 12. E. arenaria, Benth.
13 - 16. E. subvivipara, Boeck.
17 - 21a. E. tetraquetra, Nees.
22 - 25. E. minima, Kunth.

Tab. XXXVIII.

1. Eleocharis nigrescens, Kunth. — Planta, Magn. nat. (Wright n. 3370).
2. ,, ,, ,, Gluma, 16 diam. ampl.
3. ,, ,, ,, Gluma, a latere visa, 16 diam. ampl.
4. ,, ,, ,, Nux, 30 diam. ampl.
5. Eleocharis pachystyla. — Culmi apex, Magn. nat. (Wright n. 3373).
6. ,, ,, Culmi pars cum vaginâ summâ, 6 diam. ampl.
7. ,, ,, Gluma, 8 diam. ampl.
8. ,, ,, Nux, cum setis, a facie posticâ visa, 20 diam. ampl.
9. ,, ,, Nucis superficies, 100 diam. ampl.
10. Eleocharis grandis, Boeck. — Culmi apex, Magn. nat. (Sello n. 1452).
11. ,, ,, ,, Culmi pars cum vaginâ summâ, 6 diam. ampl.
12. ,, ,, ,, Gluma, 8 diam. ampl.
13. ,, ,, ,, Nux, a facie posticâ visa, 20 diam. ampl.
14. ,, ,, ,, Nucis sectio horizontalis, 20 diam. ampl.
15. ,, ,, ,, Nucis superficies, 100 diam. ampl.
16. Eleocharis melanocarpa, Torrey.— Culmi apex, Magn. nat. (Oakes n. 311).
17. ,, ,, ,, Culmi pars cum vaginâ summâ, 6 diam. ampl.
18. ,, ,, ,, Gluma, 8 diam. ampl.
19. ,, ,, ,, Nux, a facie posticâ visa, 15 diam. ampl.
20. ,, ,, ,, Nux, a facie anticâ visa, 15 diam. ampl.



1-4. E. nigrescens, Kunth.
5-9. E. pachystyla,
10-15. E. grandis, Boeck.
16-20. E. melanocarpa, Torrey.

Tab. XXXIX.

1. Eleocharis tenuis, Schultes. — Culmi apex, Magn. nat. (Exemplum [Americanum] Goldiei).
2. ,, ,, ,, Culmi pars cum vaginâ summâ, 10 diam. ampl.
3. ,, ,, ,, Gluma, 10 diam. ampl
4. ,, ,, ,, Nux, a facie posticâ visa, 20 diam. ampl.
5. ,, ,, ,, Nucis superficies, 100 diam. ampl.
6. Eleocharis tenuis, Schultes (forma filiformis).— Culmi apex, Magn. nat. (Exemplum Hookeri).
7. ,, ,, ,, ,, ,, Culmi pars cum vaginâ summâ, 10 diam. ampl.
8. ,, ,, ,, ,, ,, Gluma, 5 diam. ampl.
9. ,, ,, ,, ,, ,, Nux, 10 diam. ampl.
10. Eleocharis acuminata, Nees. — Culmi apex, Magn. nat. (Macoun n. 1596).
11. ,, ,, ,, Culmi pars cum vaginâ summâ, 5 diam. ampl.
12. ,, ,, ,, Culmi pars cum vaginâ summâ, 15 diam. ampl.
13. ,, ,, ,, Gluma, 10 diam. ampl.
14. ,, ,, ,, Nux, a facie posticâ visa, 20 diam. ampl.
15. ,, ,, ,, Stylus (casu 2-fidus), 20 diam. ampl.
16. ,, ,, ,, Nucis superficies, 100 diam. ampl.
17. Eleocharis Berlandieri. — Culmi apex, Mag. nat. (Berlandier, n. 2425).
18. ,, ,, Culmi pars cum vaginâ summâ, 10 diam. ampl.
19. ,, ,, Gluma, 8 diam. ampl.
20. ,, ,, Nux, a facie posticâ visa, 15 diam. ampl.
21. ,, ,, Nucis superficies, 100 diam. ampl.
22. Eleocharis geniculata, R. Br. — Rhizoma, Magn. nat. (Balansa, n. 429).
22*a*. ,, ,, ,, Culmi pars cum vaginâ summâ, Magn. nat.
23. ,, ,, ,, Culmi apex, Magn. nat.
24. ,, ,, ,, Gluma, 8 diam. ampl.
25. ,, ,, ,, Nux, a facie posticâ visa, 15 diam. ampl.
26. ,, ,, ,, Nucis superficies, 100 diam. ampl.

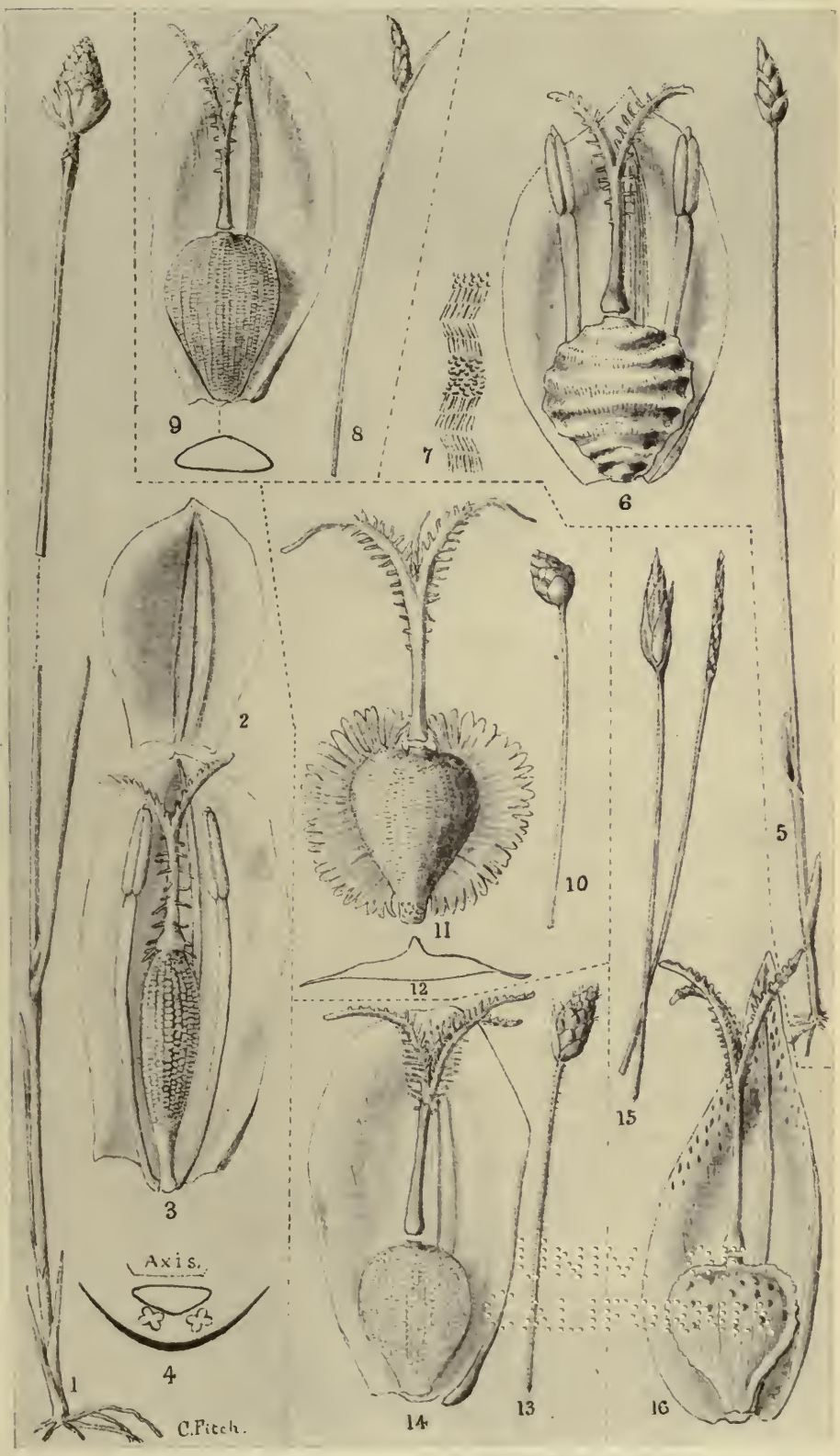
ELEOCHARIS.

Tab XXXIX.

1 - 9. E. tenuis, Schultes. 17-21. E. Berlandieri.
10 - 16. E. acuminata, Nees. 22-26. E. geniculata. R. Br.

Tab. XL.

1. Fimbristylis tetragona, R. Br. — Planta, Magn. nat. (Exemplum Indicum Lawii).
2. ,, ,, ,, Bractea, *i.e.* gluma ima vacua, 10 diam. ampl.
3. ,, ,, ,, Flos in glumâ, a facie posticâ visus, 10 diam. ampl.
4. ,, ,, ,, Floris diagramma.
5. Fimbristylis acuminata, Vahl. — Planta, Magn. nat. (C. B. Clarke n. 36805).
6. ,, ,, ,, Flos in glumâ, a facie posticâ visus, 15 diam. ampl.
7. ,, ,, ,, Nucis superficies, 40 diam. ampl.
8. Fimbristylis polytrichoides, Vahl. — Culmi apex, Magn. nat. (C. B. Clarke n. 21642).
9. ,, ,, ,, Nux in glumâ, a facie posticâ visa, 20 diam. ampl.
10. Fimbristylis pterygosperma, R. Br.—Culmi apex, Magn. nat. (Exemplum Australiense Cunninghamii).
11. ,, ,, ,, Nux, a facie posticâ visa, 15 diam. ampl.
12. ,, ,, ,, Nucis sectio horizontalis, 15 diam. ampl.
13. Fimbristylis Kingii, Boeck. — Culmi apex, Magn. nat. (Exemplum Neelghirense Kingii).
14. ,, ,, ,, Nux in glumâ, a facie posticâ visa, 15 diam. ampl.
15. Fimbristylis cardiocarpa, F. Muell.—Culmi apex (alter glumis delapsis) Magn. nat.
16. ,, ,, ,, Nux in glumâ, a facie posticâ visa.



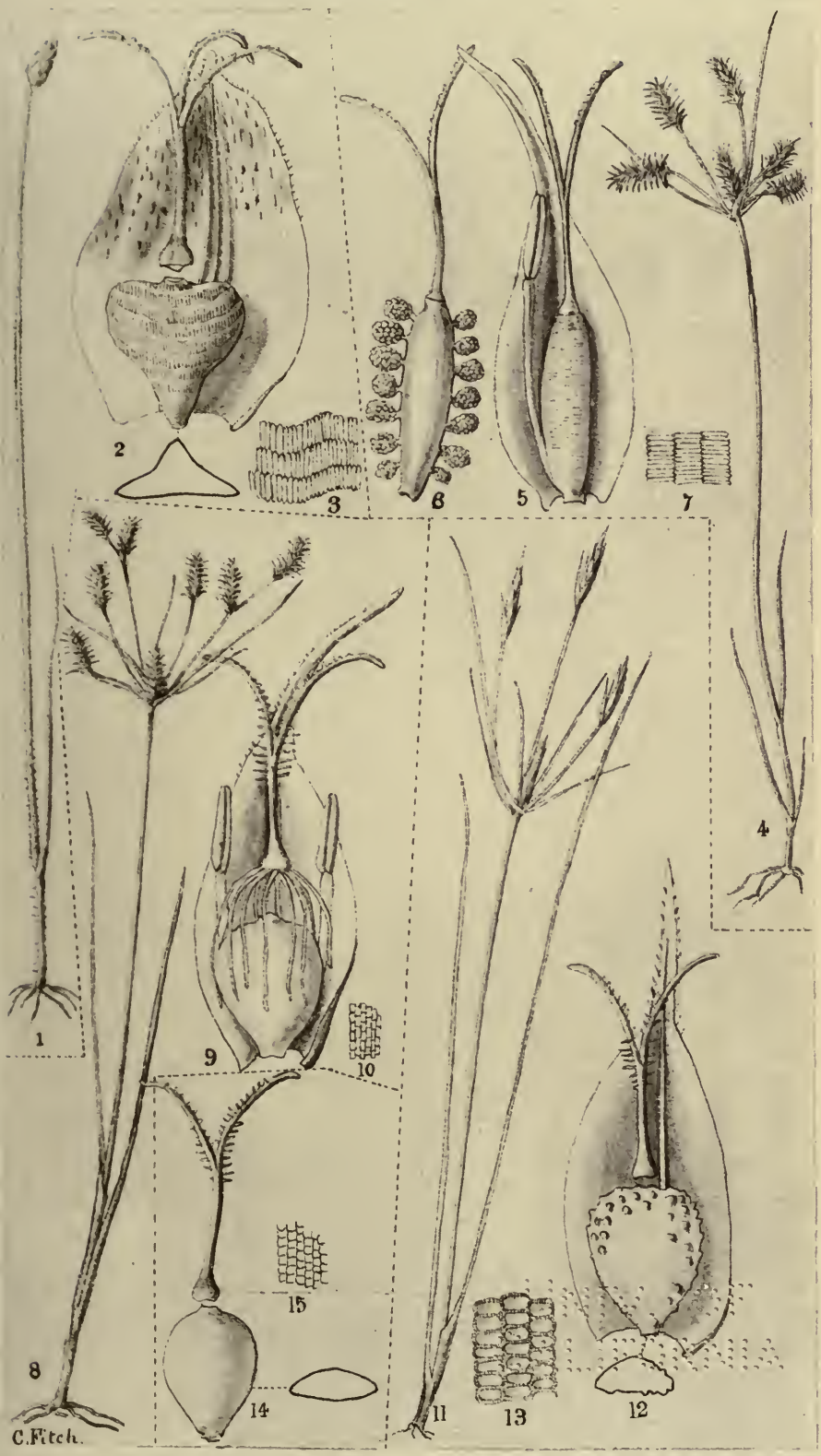
1-4. F tetragona, R. Br.
5-7. F. acuminata, Vahl.
8-9. F. polytrichoides, Vahl
10-12. F. pterygosperma, R. Br
13-14. F. Kingii, Boeck.
15-16. F. cardiocarpa, F. Muell

Tab. XLI.

1. Fimbristylis clavinux. — Planta, Magn. nat. (Bernouilli, n. 952).
2. ,, ,, Nux in glumâ, a facie posticâ visa, 15 diam. ampl.
3. ,, ,, Nucis superficies, 30 diam. ampl.
4. Fimbristylis dipsacea, Benth. — Planta, Magn. nat.
5. ,, ,, ,, Flos in glumâ, a facie posticâ visus, 20 diam. ampl.
6. ,, ,, ,, Nux, 20 diam. ampl. (Wight n. 1865).
7. ,, ,, ,, Nucis superficies, 40 diam. ampl.
8. Fimbristylis squarrosa, Vahl. — Planta, Magn. nat. (Jacquemont n. 501).
9. ,, ,, ,, Flos in glumâ, a facie posticâ visus, 20 diam. ampl.
10. ,, ,, ,, Nucis superficies, 40 diam. ampl.
11. Fimbristylis Fordii. — Planta, Magn. nat. (Exemplum Chinense Fordii).
12. ,, ,, Nux in glumâ, a facie posticâ visa, 15 diam. ampl.
13. ,, ,, Nucis superficies, 40 diam. ampl.
14. Fimbristylis aestivalis, Vahl. — Nux, 20 diam. ampl.
15. ,, ,, ,, Nucis superficies, 40 diam. ampl.

FIMBRISTYLIS.

Tab. XLI.



1-3. F. clavinux.
4-7. F. dipsacea, Benth.
8-10. F. squarrosa, Vahl.
11-13. F. Fordii.
14-15. F. aestivalis, Vahl.

Tab. XLII.

1. Fimbristylis diphylla, Vahl. — Nux, 20 diam. ampl.
2. ,, ,, ,, Nucis superficies, 40 diam. ampl.
3. Fimbristylis diphylla, Vahl., var. pluristriata.—Nux, 20 diam. ampl.
4. ,, ,, ,, ,, Nucis superficies, 40 diam. ampl.
5. Fimbristylis podocarpa, Nees. — Nux, 20 diam. ampl.
6. ,, ,, ,, Nucis superficies, 40 diam. ampl.
7. Fimbristylis rigidula, Nees. — Nux, 20 diam. ampl.
8. ,, ,, ,, Nucis superficies, 40 diam. ampl.
9. Fimbristylis ferruginea, Vahl. — Flos, 20 diam. ampl.
10. ,, ,, ,, Nucis superficies, 40 diam. ampl.
11. Fimbristylis Vahlii, Link. — Planta, Magn. nat. (Exemplum Americanum Drummondii).
12. ,, ,, ,, Nux in glumâ, 20 diam. ampl.
13. ,, ,, ,, Nucis superficies, 40 diam. ampl.
14. Fimbristylis Hookeriana, Boeck.—Planta, Magn. nat. (C. B. Clarke n. 45081).
15. ,, ,, ,, Spicula, 6 diam. ampl.
16. ,, ,, ,, Flos in glumâ, a facie posticâ visus, 20 diam. ampl.
17. ,, ,, ,, Nucis superficies, 40 diam. ampl.

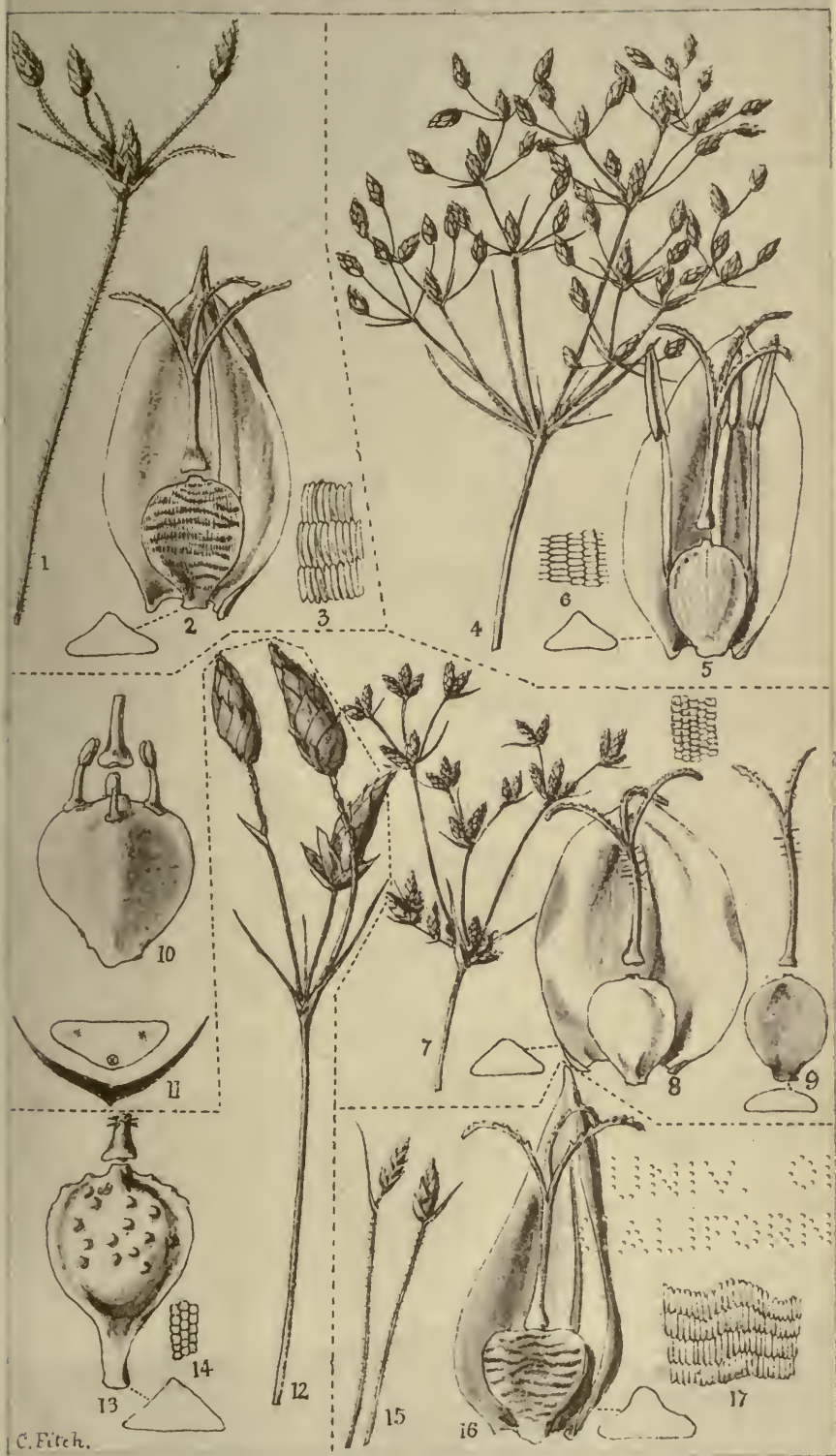
FIMBRISTYLIS. Tab. XLII.

1 – 4. F. diphylla, Vahl.
5 – 6. F. podocarpa, Nees.
7 – 8 F. rigidula, Nees.
9 – 10. F. ferruginea, Vahl.
11 – 13. F. Vahlii, Link.
14 – 17. F. Hookeriana, Boeck

Tab. XLIII.

1. Fimbristylis exilis, Roem. et Sch. — Culmi apex, Magn. nat. (Exemplum Africanum Vogelii).
2. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 20 diam. ampl.
3. ,, ,, ,, Nucis superficies, 40 diam. ampl.
4. Fimbristylis quinquangularis, Kunth. — Culmi apex, Magn. nat.
5. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 20 diam. ampl.
6. ,, ,, ,, Nucis superficies, 40 diam. ampl.
7. Fimbristylis cymosa, R. Br. — Culmi apex, Magn. nat.
8. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 20 diam. ampl.
9. ,, ,, ,, Nux altera, a parte superiore ejusdem spiculae, 20 diam. ampl.
10. ,, ,, ,, Nux exempli monstrosi Chamisso n. 148, a facie anticâ visa, 35 diam. ampl.
11. ,, ,, ,, Hujus diagramma;
    ✳✳ quasi-staminodia verticilli interioris.
    ⊕ quasi-staminodium verticilli exterioris, paullo minus evolutum.
12. Fimbristylis tristachya, Thwaites. — Culmi apex, Magn. nat.
13. ,, ,, ,, Nux, 10 diam. ampl.
14. ,, ,, ,, Nucis superficies, 40 diam. ampl.
15. Fimbristylis Cubensis. — Culmi apex, Magn. nat.
16. ,, ,, Nux, in glumâ, a facie posticâ visa, 20 diam. ampl.
17. ,, ,, Nucis superficies, 40 diam. ampl.

FIMBRISTYLIS. Tab. XLIII.



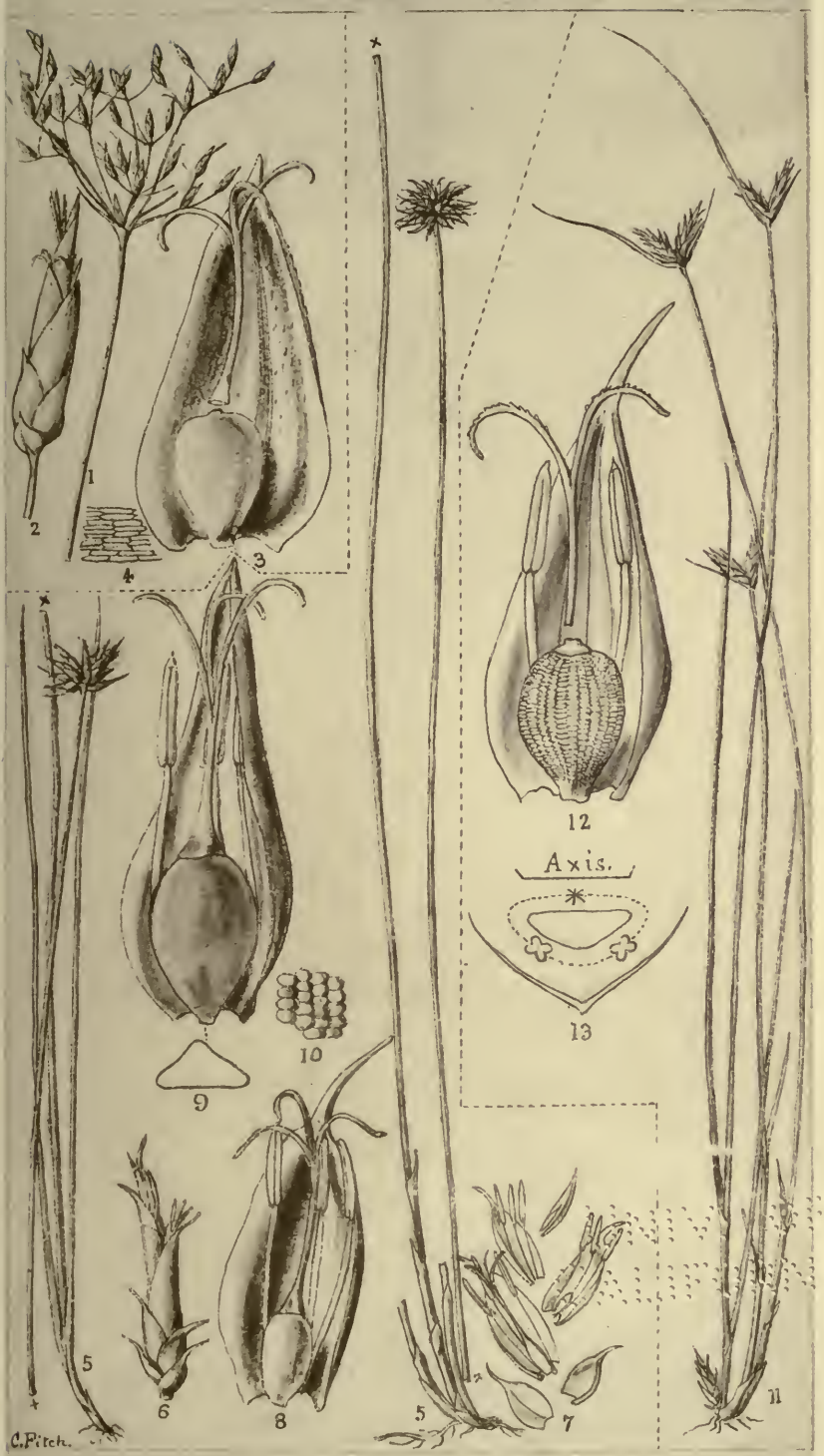
1–3. F. exilis, Roem. et Sch.
4–6. F. quinquangularis, Kunth.
7–11. F. cymosa, R. Br.
12–14. F. tristachya, Thwaites.
15–17. F. Cubensis.

Tab. XLIV.

1.	Fimbristylis cyperoides, R. Br.	— Culmi apex, Magn. nat. (Thwaites n. 2752).
2.	,, ,, ,,	Spicula, 8 diam. ampl.
3.	,, ,, ,,	Nux, in glumâ, a facie posticâ visa, 20 diam. ampl.
4.	,, ,, ,,	Nucis superficies, 40 diam. ampl.
5.	Fimbristylis Actinoschoenus, C. B. Clarke, var. γ Thouarsii	— Planta, Magn. nat. (Gerrard n. 89).
6.	,, ,, ,,	Spicula, 8 diam. ampl.
7.	,, ,, ,,	Spicula dissecta, 8 diam. ampl.
8.	,, ,, ,,	Flos, in glumâ, a facie posticâ visus, 20 diam. ampl.
9.	,, ,, ,,	Idem, paullo magis ampl.
10.	,, ,, ,,	Nucis superficies, 40 diam. ampl.
11.	Bulbostylis striatella, C. B. Clarke.	— Planta, Magn. nat. (Buchanan n. 86).
12.	,, ,, ,,	Flos, in glumâ, a facie posticâ visus, 20 diam. ampl.
13.	,, ,, ,,	Floris diagramma.

FIMBRISTYLIS.
BULBOSTYIS.

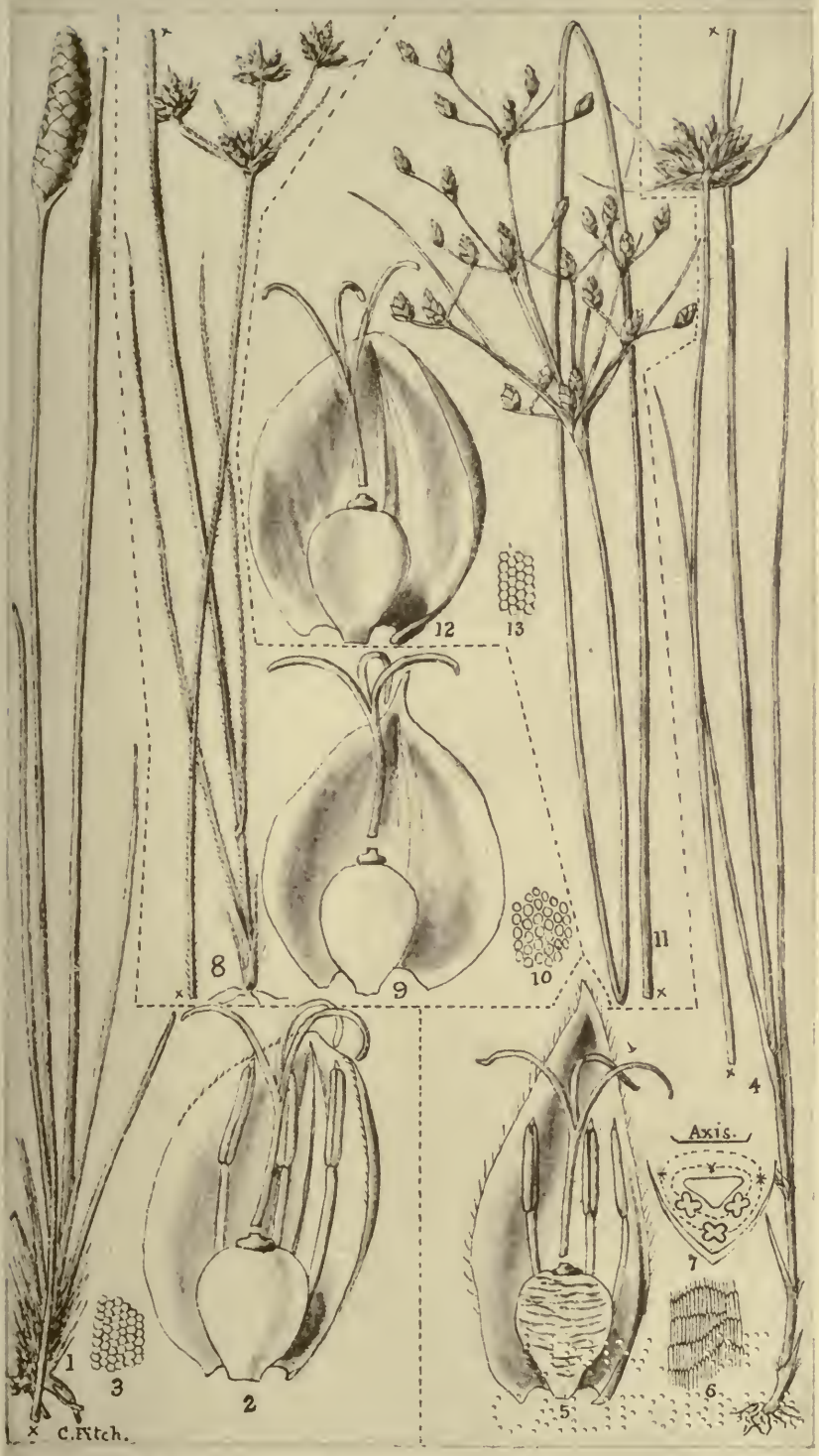
Tab. XLIV.



1-4. F. cyperoides, R. Br.
5-10. F. Actinoschoenus, C. B. Clarke.
11-13. B. striatella, C. B. Clarke.

Tab. XLV.

1. Bulbostylis lanata, Kunth. — Planta, Magn. nat.
2. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 20 diam. ampl.
3. ,, ,, ,, Nucis superficies, 40 diam. ampl.
4. Bulbostylis Warei. — Planta, Magn. nat.
5. ,, ,, Flos, in glumâ, a facie posticâ visus, 40 diam. ampl.
6. ,, ,, Nucis superficies, 40 diam. ampl.
7. ,, ,, Floris diagramma.
8. Bulbostylis vestita, Kunth. — Planta, Magn. nat.
9. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 20 diam. ampl.
10. ,, ,, ,, Nucis superficies, 40 diam ampl.
11. Bulbostylis Fendleri. — Plantae pars superior, Magn. nat.
12. ,, ,, Nux, in glumâ, a facie posticâ visa, 20 diam. ampl.
13. ,, ,, Nucis superficies, 40 diam. ampl.



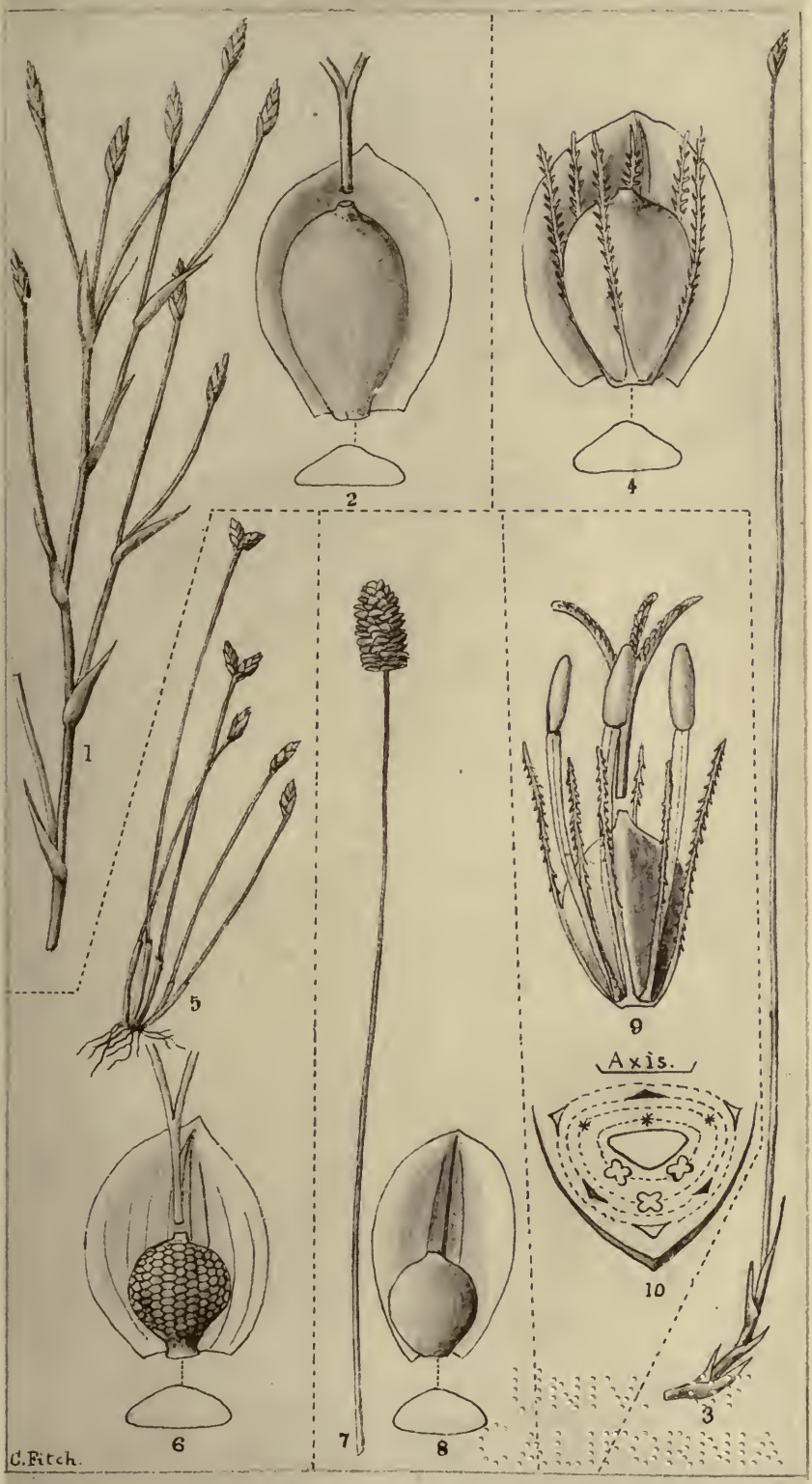
1-3. B. lanata, Kunth.
4-7. B. Warei..
8-10. B. vestita, Kunth.
11-13. B. Fendleri.

Tab. XLVI.

1. Scirpus capillifolius, Parlatore. — Plantae pars superior, Magn. nat. (Zeyher n. 4390).
2. ,, ,, ,, Nux, in glumâ, a facie posticâ visa (Drègei exemplum), 25 diam. ampl.
3. Scirpus Clintonii, A. Gray. — Planta, Magn. nat. (*i.e.* Shuttleworthii "Eleocharis pallida").
4. ,, ,, ,, Nux cum setis, in glumâ, a facie posticâ visa, 25 diam. ampl.
5. Scirpus sororius, C. B. Clarke. — Planta, Magn. .nat. (Burchell, n. 6707).
6. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 40 diam. ampl.
7. Scirpus spadiceus, Boeck. — Culmi apex, Magn. nat.
8. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 40 diam. ampl.
9. Scirpus nanus, Spreng. — Flos, a facie anticâ visus, 25 diam. ampl. (Bourgeau n 433).
10. ,, ,, ,, Floris diagramma.

SCIRPUS.

Tab. XLVI.



1, 2. S. capillifolius, Parl.
3, 4. S. Clintonii, A. Gray.
5, 6. S. sororius, C. B. Clarke.
7, 8. S. spadiceus, Boeck.
9, 10. S. nanus, Spreng.

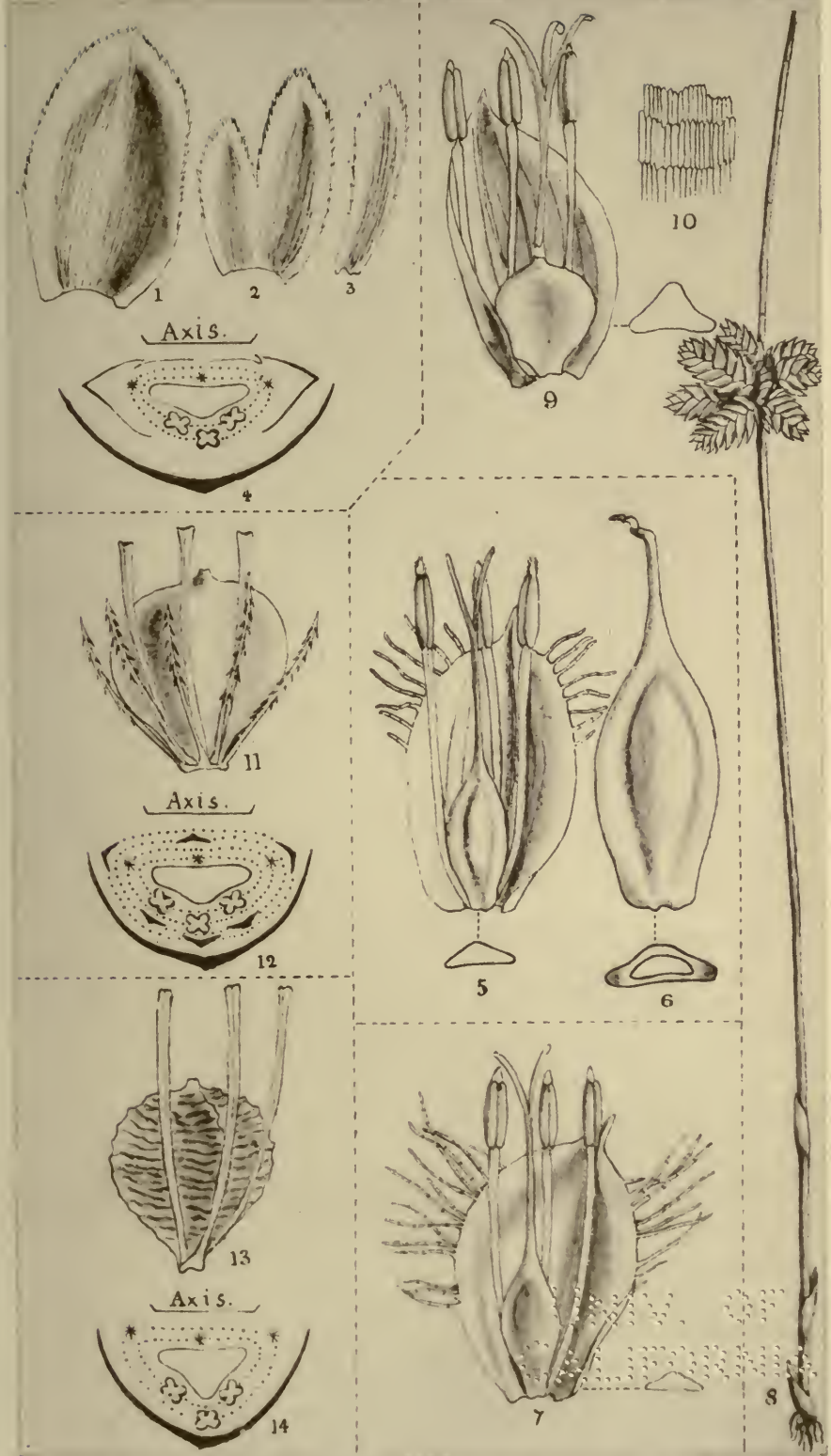
Tab. XLVII.

1. Scirpus arenarius, Benth. — Planta, Magn. nat. (Drummond n. 360).
2. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 15 diam. ampl.
3. Scirpus basilaris. — Planta Magn. nat.
4. ,, ,, Nux, in glumâ, a facie posticâ visa, 15 diam. ampl.
5. Scirpus costatus, Boeck. — Planta, Magn. nat. (Schimper n. 1058).
6. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 15 diam. ampl.
7. Scirpus varius, C. B. Clarke.— Culmi apex, Magn. nat. (Buchanan n. 225).
8. ,, ,, ,, Spicula, 8 diam. ampl.
9. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 15 diam. ampl.
10. Scirpus membranaceus, Thunb. — Culmi apex, Magn. nat.
11. ,, ,, ,, Nux, cum filamentis, a facie posticâ visus, 8 diam. ampl.
12. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 8 diam. ampl. (Zeyher n. 1775).

1, 2. S. arenarius, Benth.
3, 4. S. basilaris,
5, 6. S. costatus, Boeck.
7–9. S. varius, C. B. Clarke.
10–12. S. membranaceus, Thunb.

Tab. XLVIII.

1. Scirpus membranaceus, Thunb. — Sepalum alterum posticum (="squama lateralis" Benthamii), extensum (Zeyher n. 1775).
2. ,, ,, ,, "Squama lateralis" altera, forsan = sepalum posticum cum stamine fusum.
3. ,, ,, ,, "Squama interior," perraro obvia, irregularis = stamen sterile.
4. ,, ,, ,, Floris diagramma (Zeyher n. 1775).
5. Scirpus cubensis, Kunth. — Flos (junior), in glumâ, a facie posticâ visus, 15 diam. ampl.
6. ,, ,, ,, Nux, a facie posticâ visa, 25 diam. ampl.
7. Scirpus blepharolepis, Benth. — Flos, in glumâ, a facie posticâ visus, 20 diam. ampl.
8. Scirpus quinquefarius, Boeck. — Planta, Magn. nat.
9. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 10 diam. ampl.
10. ,, ,, ,, Nucis superficies, 50 diam. ampl.
11. Scirpus erectus, Poiret. — Nux, cum setis filamentisque, a facie anticâ visa, 10 diam. ampl.
12. ,, ,, ,, Floris diagramma.
13. Scirpus supinus, Linn. — Nux, cum filamentis, a facie anticâ visa, 12 diam. ampl.
14. ,, ,, ,, Floris diagramma.



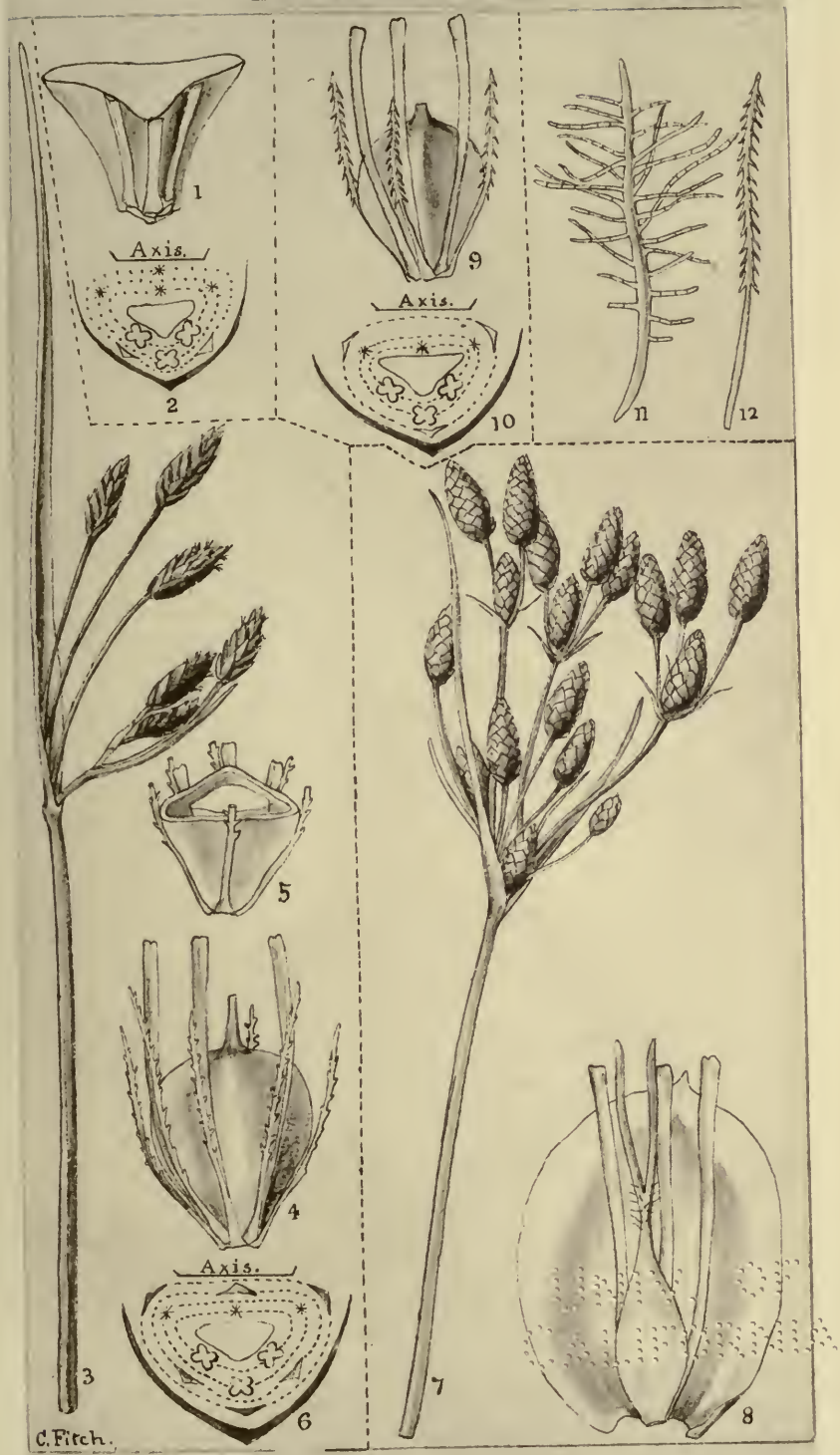
1–4. S. membranaceus, Thunb.
5, 6. S. Cubensis, Kunth.
7. S. blepharolepis, Benth.
8–10. S. quinquefarius, Boeck.
11, 12. S. erectus, Poir.
13, 14. S. supinus, Linn.

Tab. XLIX.

1.	Scirpus articulatus, Linn. —	Nucis basis, a facie anticâ visa, 25 diam. ampl. Petalorum 2 anticorum rudimenta quasi 2 glandulae minutae videntur.
2.	,, ,, ,,	Floris diagramma.
3.	Scirpus macranthus, Boeck.—	Culmi apex, Magn. nat.
4.	,, ,, ,,	Flos, a facie anticâ visus, 15 diam. ampl.
5.	,, ,, ,,	Nucis basis, a facie posticâ visa, 15 diam. ampl.
6.	,, ,, ,,	Floris diagramma.
7.	Fimbristylis anomala, Boeck.—	Culmi apex, Magn. nat.
8.	,, ,, ,,	Flos, in glumâ, a facie posticâ visus, 12 diam. ampl.
9.	Scirpus triqueter, Linn. —	Flos, a facie anticâ visus, 10 diam. ampl.
10.	,, ,, ,,	Floris diagramma.
11.	Scirpus grossus, Linn. f. —	Seta, 25 diam. ampl.
12.	Scirpus grossus, Linn. f. var. Kysoor (sp.) Roxb.—	Seta, 25 diam. ampl.

SCIRPUS.
FIMBRISTYIS.

Tab. XLIX.

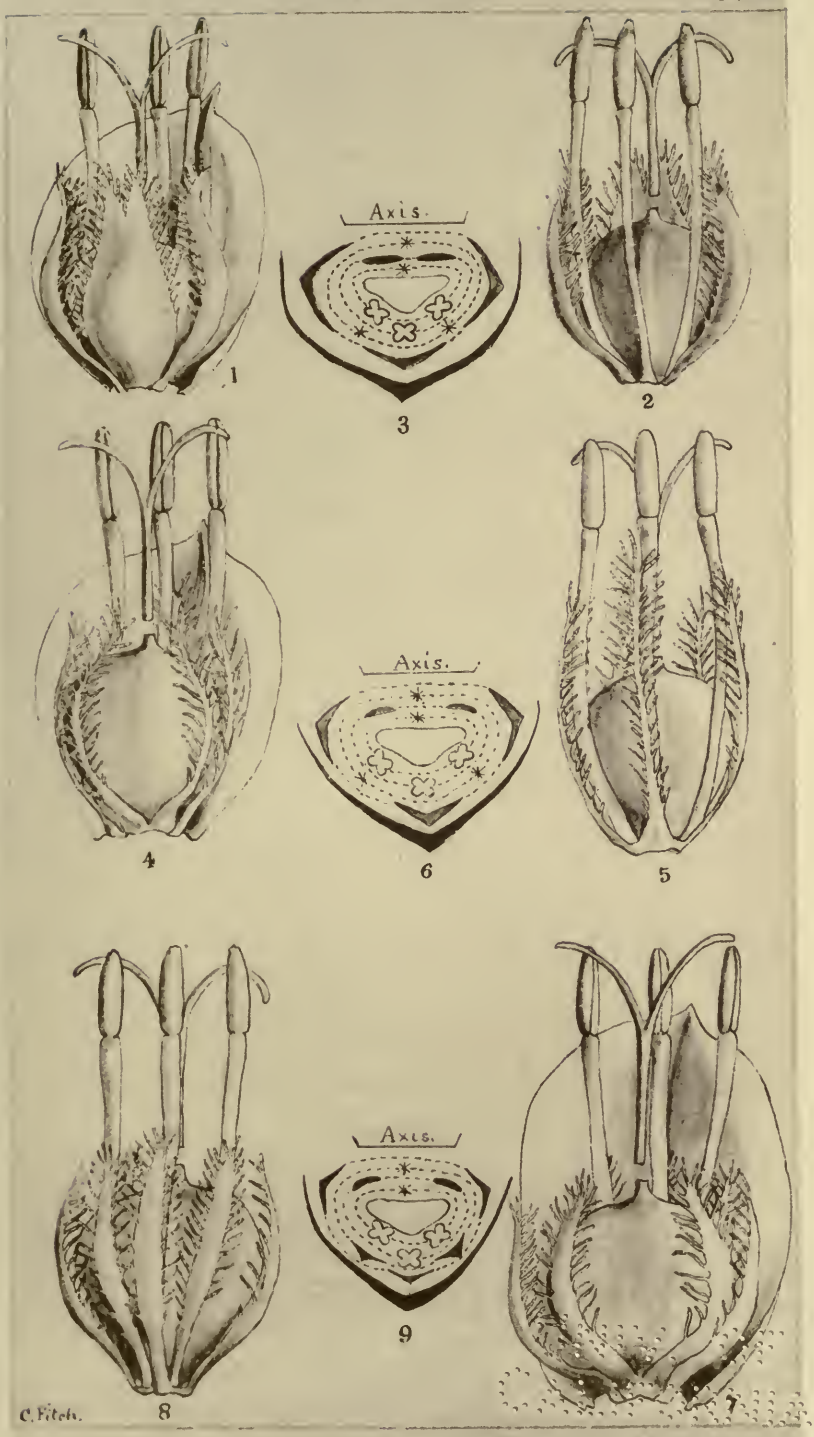


1, 2. S. articulatus, Linn.
3–6. S. macranthus, Boeck.
7, 8. F. anomala, Boeck.
9, 10. S. triqueter, Linn.
11, 12. S. grossus, Linn. f.

Tab. L.

SCIRPUS LITTORALIS, *Schrader*, 12 diam. ampl.

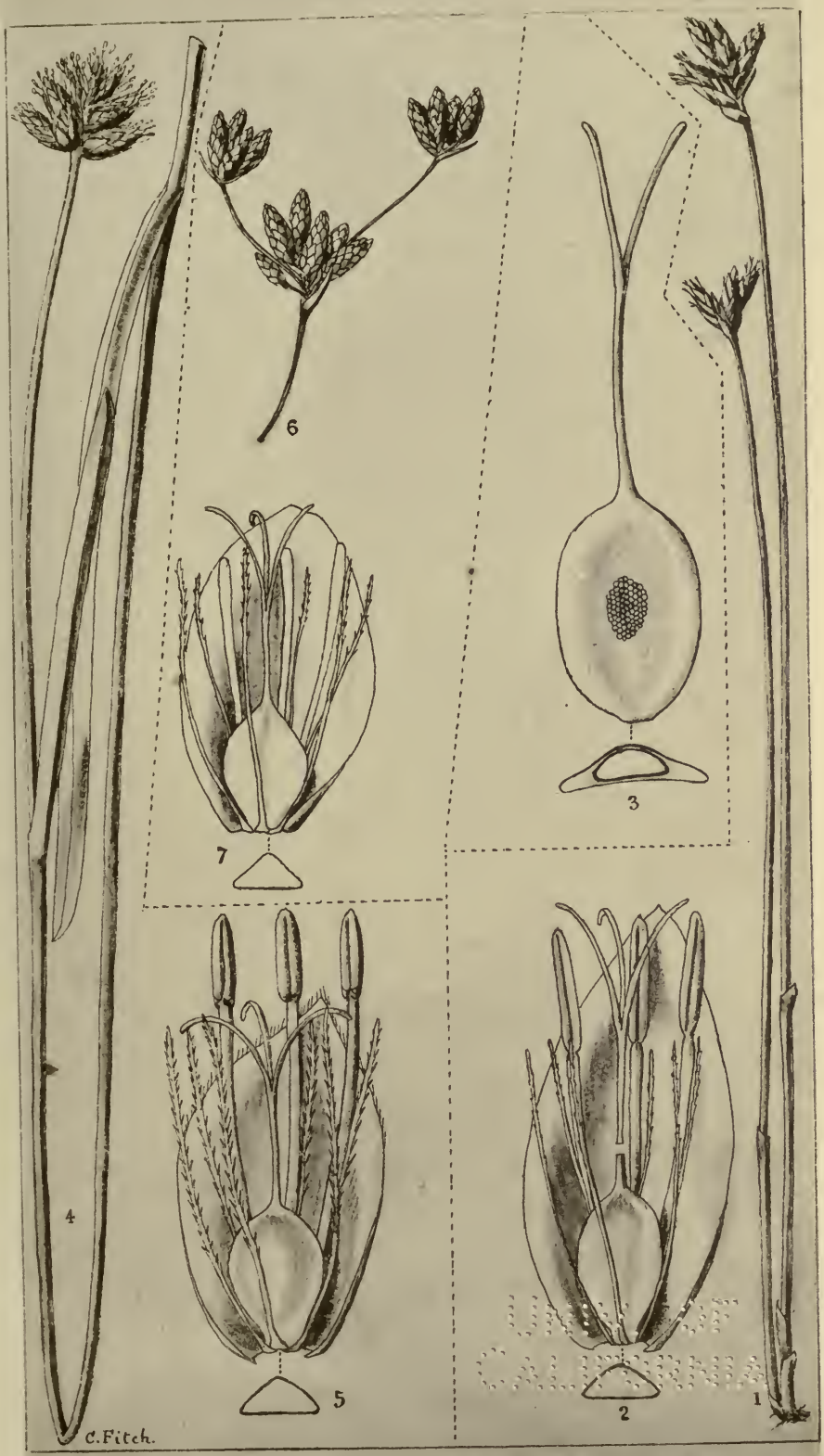
1. Exemplum Pancher, n. 68. — Flos, in glumâ, a facie posticâ visus. Stamina 2 antica verticilli exterioris alte in squamam late lanceolatam coalescunt.
2. ,, ,, ,, Flos, a facie anticâ visus. Sepalum anticum (ut soepe) deest.
3. ,, ,, ,, Floris diagramma.
4. Exemplum Krauss, n. 33. — Flos, in glumâ, a facie posticâ visus. Stamina 2 antica verticilli exterioris, fere setiformia, basi vix coalescunt.
5. ,, ,, ,, Flos, a facie anticâ visus.
6. ,, ,, ,, Floris diagramma.
7. Exemplum F. Muelleri. — Flos, in glumâ, a facie posticâ visus.
8. ,, ,, Flos, a facie anticâ visus. Petala 2 lineari-lanceolata (antica) videntur.
9. ,, ,, Floris diagramma.



1–9. S. littoralis, Schrader.

Tab. LI.

1. Scirpus subcapitatus, Thwaites. — Planta, Magn. nat. (Thwaites n. 305).
2. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 15 diam. ampl.
   N.B.—Nux matura, stamina sub anthesi depicta sunt.
3. Scirpus Caricis, Retz., var. δ Sikkimensis. — Nux, 15 diam. ampl., marginibus suberoso-incrassatis.
4. Scirpus criniger, A. Gray. — Plantae pars superior, Magn. nat.
5. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 15 diam. ampl.
   N.B.—Nux matura, stamina sub anthesi depicta sunt.
6. Scirpus polystachyus, F. Muell. — Umbellae fragmentum, Magn. nat.
7. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 15 diam. ampl.

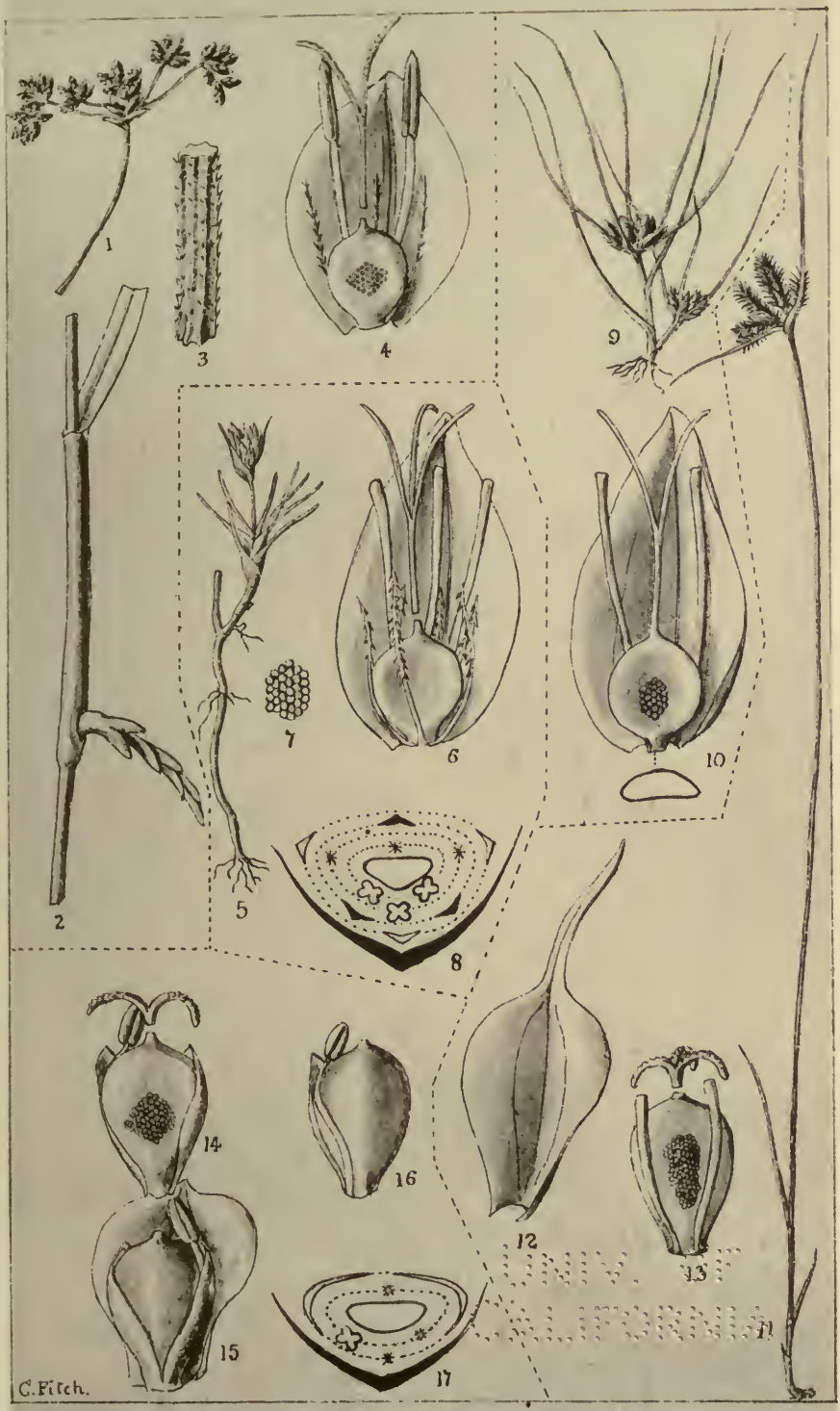


1, 2. S. subcapitatus, Thwaites.
3. S. Caricis, Retr Var.
4, 5. S. criniger, A. Gray.
6, 7. S. polystachyus, F. Muell.

Tab. LII.

1. Scirpus Ternatensis, Miq. — Umbellae fragmentum, Magn. nat.
2. ,, ,, ,, Culmi fragmentum, propagine vaginae basim torulante.
3. ,, ,, ,, Umbellæ radiolus, 20 diam. ampl.
4. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 20 diam. ampl.
5. Scirpus semisubterraneus, Boeck. — Planta, Magn. nat.
6. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 20 diam. ampl.
7. ,, ,, ,, Nucis superficies, 50 diam. ampl.
8. ,, ,, ,, Floris diagramma.
9. Scirpus humillimus, Benth. — Planta, Magn. nat.
10. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 20 diam. ampl.
11. Scirpus squarrosus, Linn. — Planta, Magn. nat.
12. ,, ,, ,, Gluma, 25 diam. ampl.
13. ,, ,, ,, Nux, a facie anticâ visa, 25 diam. ampl.
14. Scirpus Isolepis, Boeck. — Flos (cum squamellis) a facie anticâ visus, 25 diam. ampl.
15. ,, ,, ,, Flos idem, in glumâ, a facie posticâ visus, 25 diam. ampl.
16. ,, ,, ,, Flos alter (unisquamellatus) a facie anticâ visus, 25 diam. ampl.
17. ,, ,, ,, Floris (in figg. 14, 15, depicti) diagramma.

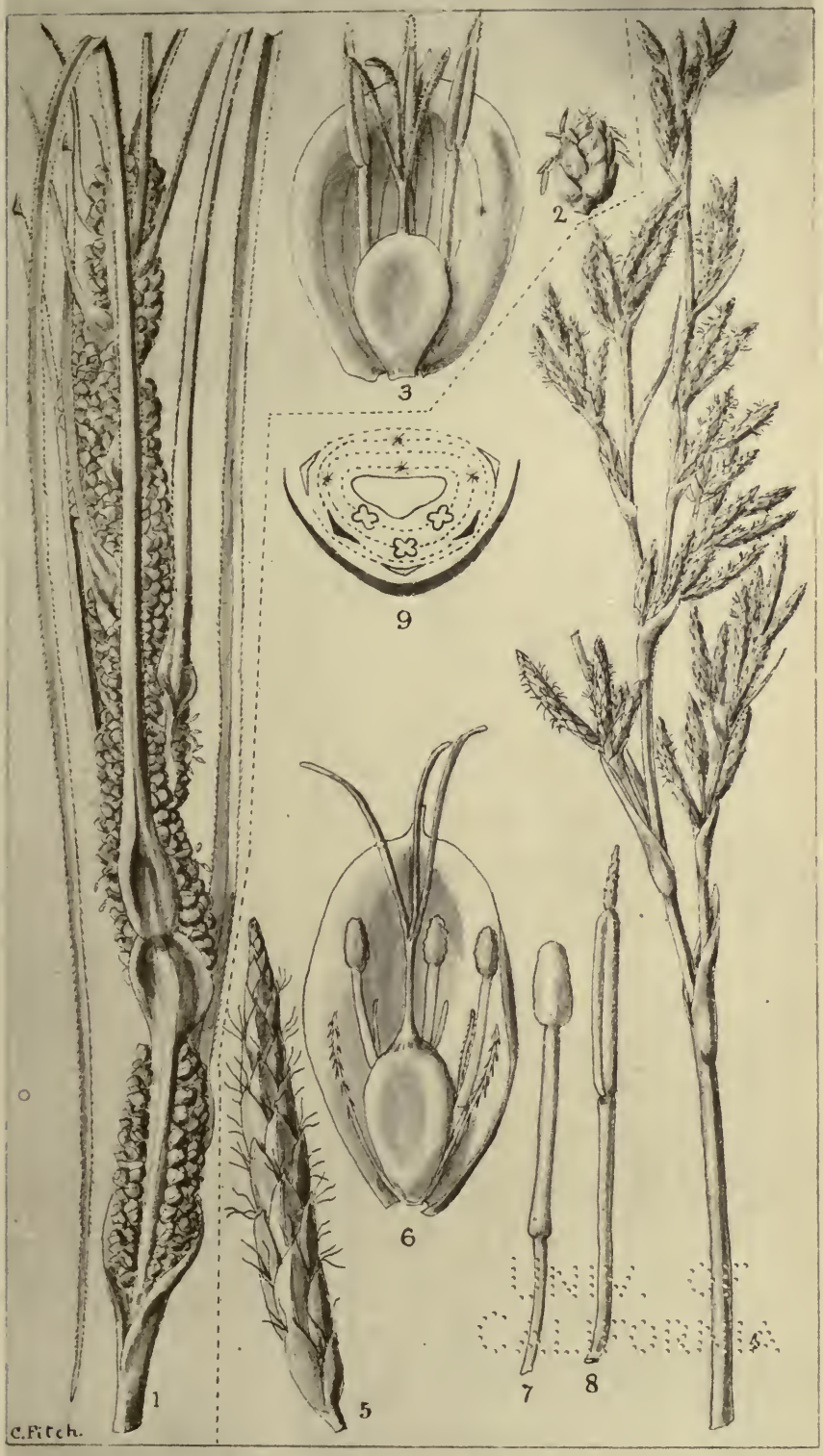
SCIRPUS.



1-4. S. Ternatensis, Miq.
5-8. S. semisubterraneus, Boeck.
9, 10. S. humillimus, Benth.
11-13. S. squarrosus, Linn.
14-17. S. Isolepis, Boeck.

Tab. LIII.

1.	Scirpus frondosus, Boeck. —	Culmi apex, Magn. nat.
2.	,, ,, ,,	Spicula, 3 diam. ampl.
3.	,, ,, ,,	Flos, in glumâ, a facie posticâ visus, 20 diam. ampl.
4.	Scirpus spathaceus, Krauss. —	Culmi apex, Magn. nat.
5.	,, ,, ,,	Spicula, 6 diam. ampl.
6.	,, ,, ,,	Flos, in glumâ, a facie posticâ visus, 20 diam. ampl. N.B.—Stamina in hoc flore sterilia sunt.
7.	,, ,, ,,	Stamen (a flore in fig. 6 depicto) sterile; crista elliptica.
8.	,, ,, ,,	Stamen, a flore masculo, fertile; crista linearis.
9.	,, ,, ,,	Floris diagramma: flos autem hujusmodi, perfecte bisexualis mihi raro obvius fuerat.

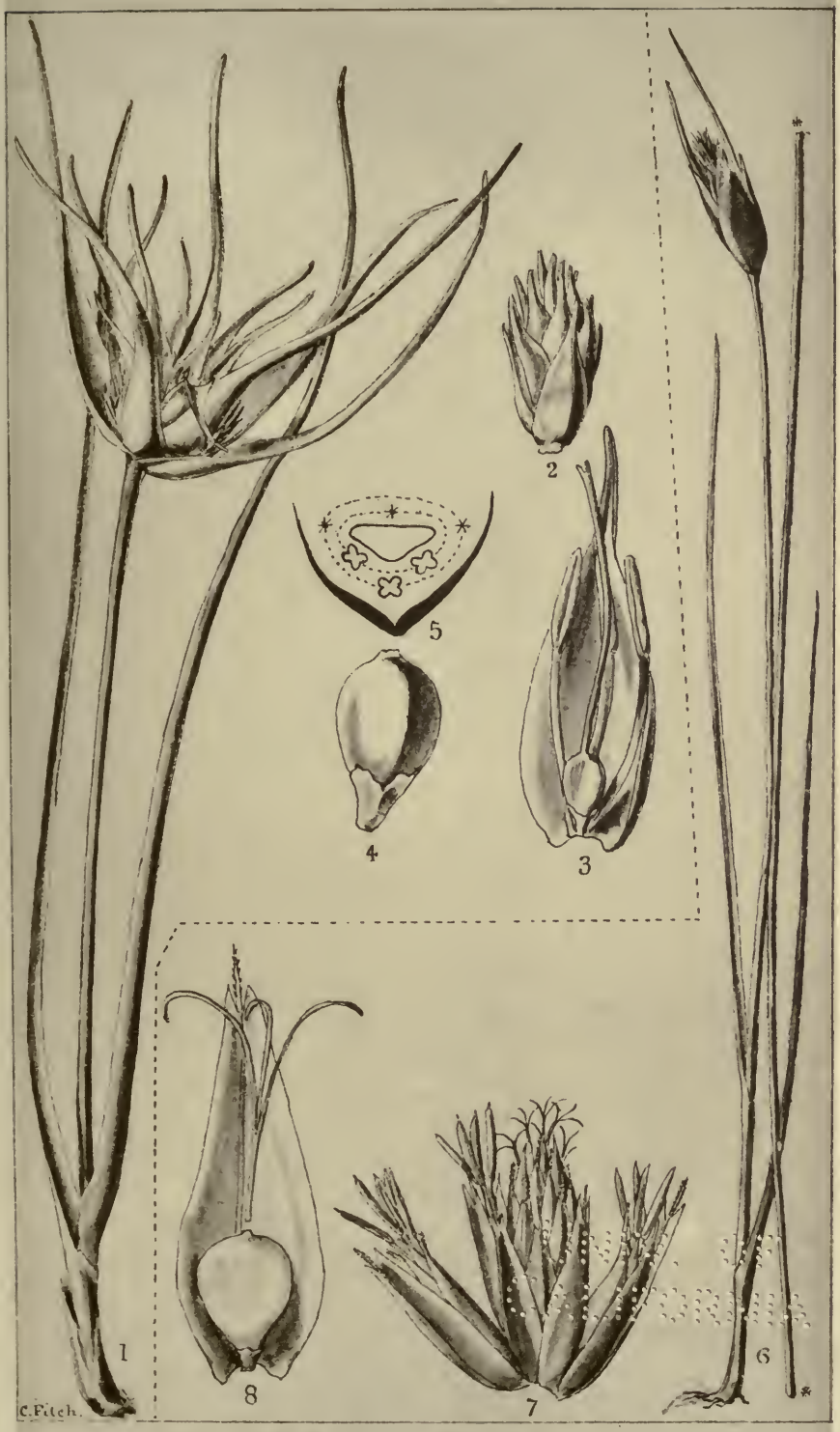


1–3. S. frondosus, Boeck.
4–9. S. spathaceus, Krauss.

Tab. LIV.

1. Ficinia radiata, Kunth. — Planta, Magn. nat.
2. ,, ,, ,, Spicula, 3 diam. ampl.
3. ,, ,, ,, Flos junior, in glumâ, a facie posticâ visus, 12 diam. ampl.
4. ,, ,, ,, Nux matura, 12 diam. ampl.
5. ,, ,, ,, Floris diagramma.
6. Ficicia ixioides, Nees. — Planta, Magn. nat.
7. ,, ,, ,, Spica, 5 diam. ampl., bracteis 2 imis amotis.

   Spica e 4 spiculis exstructa est; spiculae 3 inferiores exteriores masculae videntur; spicula summa major, pro magnâ parte e glumis nucigeris (foemineis aut bisexualibus) constat.
8. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 12 diam ampl.

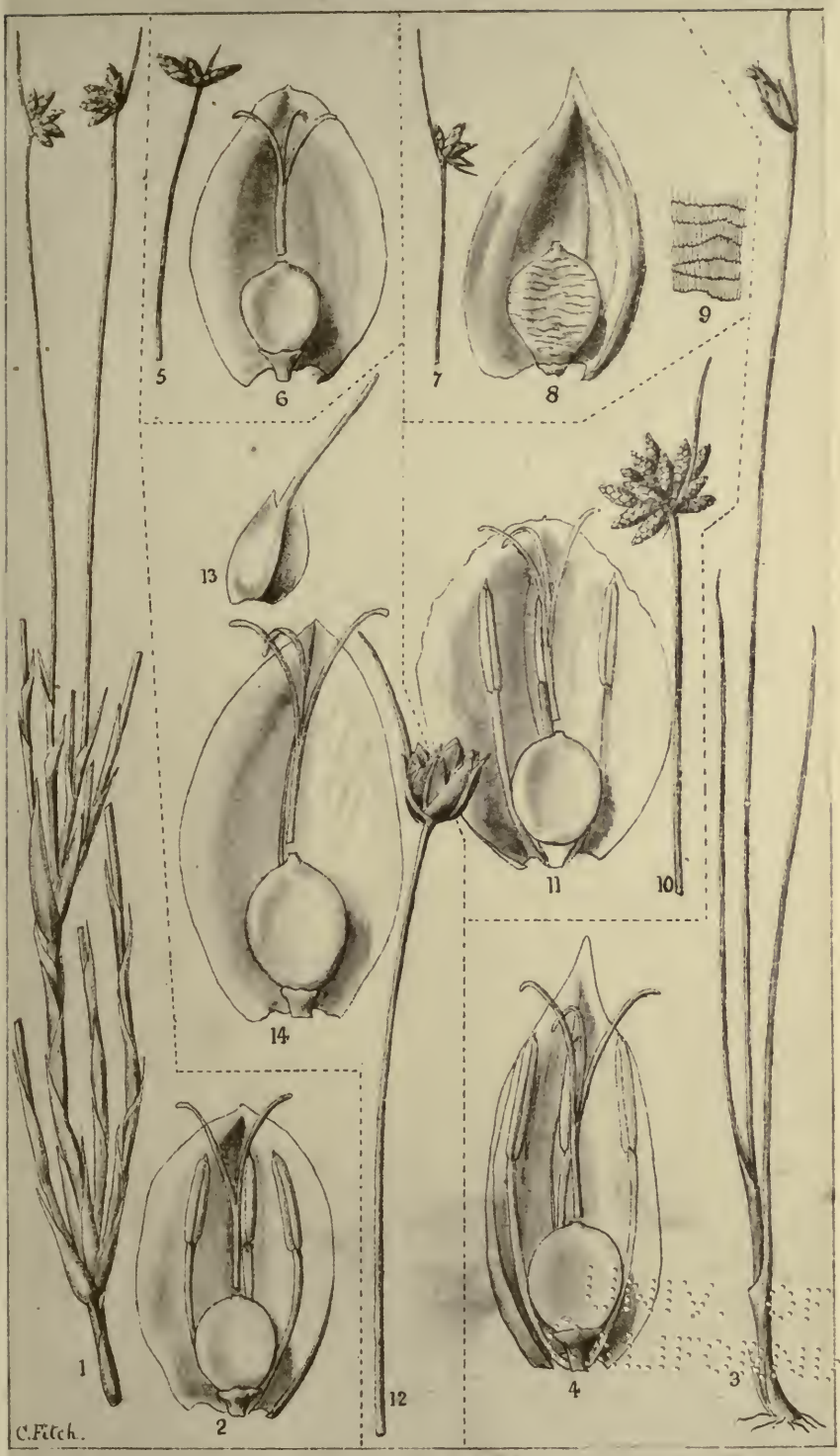


1-5. F. radiata, Kunth.
6-8. F. ixioides, Nees.

Tab. LV.

1. Ficinia lateralis, Kunth. — Planta, Magn. nat. (MacOwan n. 2124).
2. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 20 diam. ampl.
3. Ficinia Zeyheri, Boeck. — Planta, Magn. nat.
4. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 20 diam. ampl.
5. Ficinia sylvatica, Kunth. — Culmi apex, Magn. nat.
6. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 20 diam. ampl.
7. Ficinia tribracteata, Boeck. — Culmi apex, Magn. nat.
8. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 20 diam. ampl.
9. ,, ,, ,, Nucis superficies, 40 diam. ampl.
10. Ficinia Ecklonea, Nees. — Culmi apex, Magn. nat.
11. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 20 diam. ampl.
12. Ficinia pinguior, C. B. Clarke.—Culmi apex, Magn. nat.
13. ,, ,, ,, Bractea exterior, $\frac{3}{2}$ diam. ampl.
14. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 20 diam. ampl.

FICINIA.



1, 2. F. lateralis, Kunth.
3, 4. F. Zeyheri, Boeck.
5, 6. F. sylvatica, Kunth.
7-9. F. tribacteata, Boeck
10, 11. F. Ecklonea, Nees.
12-14. F. pinguior, C. B. Clarke.

Tab. LVI.

1.	Ficinia Compasbergensis, Drège. —	Culmi apex, Magn. nat.
2.	,, ,, ,,	Flos, in glumâ, a facie posticâ visus, 20 diam. ampl.
3.	Ficinia ramosissima, Kunth. —	Culmi apex, Magn. nat.
3*a*.	,, ,, ,,	Spica ampliata.
4.	,, ,, ,,	Flos, in glumâ, a facie posticâ visus, 20 diam. ampl.
5.	Ficinia longifolia, C. B. Clarke. —	Culmi apex, Magn. nat. (Burchell n. 638).
6.	,, ,, ,,	Spicula, 5 diam. ampl.
7.	,, ,, ,,	Flos, in glumâ, a facie posticâ visus, 20 diam. ampl.

FICINIA.

Tab. LVI

1, 2. F. Compasbergensis, Drège.
3, 4. F. ramosissima, Kunth.
5–7. F. longifolia, C. B. Clarke.

Tab. LVII.

1. Eriophorum alpinum, Linn. — Planta, Magn. nat.
2. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 30 diam. ampl.
3. ,, ,, ,, Setae planae apex, paullo divisus (ab exemplo altero), 30 diam. ampl.
4. ,, ,, ,, Filamenti plani fragmentum.
5. ,, ,, ,, Floris diagramma; verticilli exterioris stamen soepe deest.
6. Eriophorum comosum, Nees. — Planta, Magn. nat.
7. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 20 diam. ampl.
8. Eriophorum microstachyum, Boeck. — Planta (frutescens), Magn. nat.
9. ,, ,, ,, Flos (maturus), 20 diam. ampl.

ERIOPHORUM. Tab. LVII

1–5. E. alpinum, Linn.
6,7. E. comosum, Nees.
8,9. E. microstachyum, Boeck.

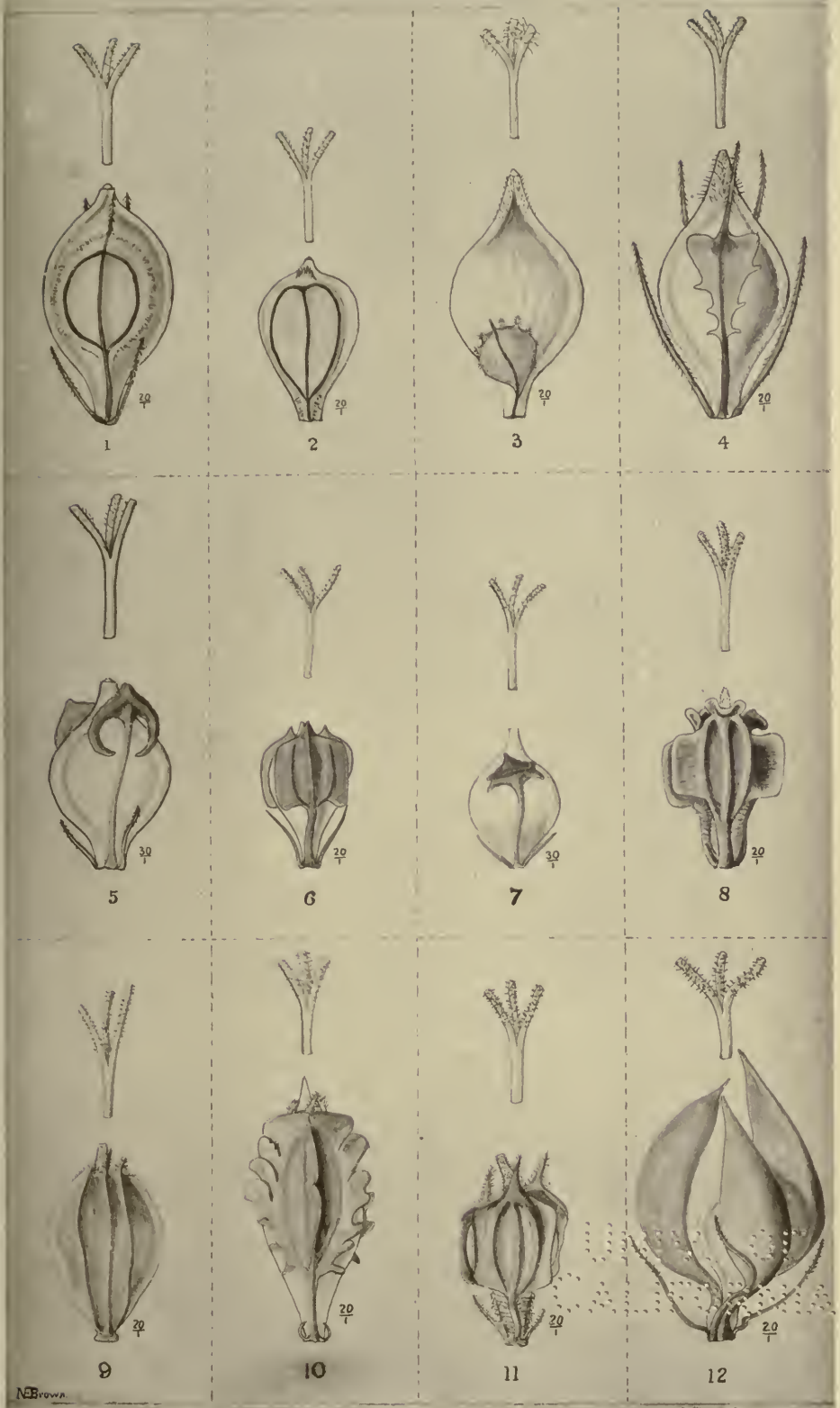
Tab. LVIII.

1. Fuirena scirpoidea, Mich. — Planta, Magn. nat.
2. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 25 diam. ampl.
3. ,, ,, ,, Floris diagramma.
4. Fuirena pubescens, Kunth. — Culmi apex, Magn. nat.
5. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 25 diam. ampl.
6. Fuirena incompleta, Nees. — Culmi apex, Magn. nat. (Burchell n. 4643).
7. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 25 diam. ampl.
8. Fuirena Wallichiana, Kunth. — Nux, a facie posticâ visa, 20 diam. ampl.
9 Fuirena Wallichiana, Kunth, var. evoluta. — Nux, a facie posticâ visa, 20 diam. ampl.

1-3. F. scirpoidea, Mich.
4, 5. F. pubescens Kunth.
6, 7. F incompleta Nees.
8 9. F. Wallichiana, Kunth.

Tab. LIX.

1. Fuirena enodis, C. B. Clarke. — Nux, cum setis, 20 diam. ampl. (Burchell n. 1865).
2. Fuirena microlepis, Kunth. — Nux, cum setis, 20 diam. ampl. (Krauss n. 191).
3. Fuirena gracilis, Kunth. — Nux, cum setis, 20 diam. ampl. (Dregei exemplum).
4. Fuirena coerulescens, Steud. — Nux, cum setis, 20 diam. ampl. (Ecklon n. 868).
5. Fuirena trilobites, C. B. Clarke. — Nux, cum setis, 30 diam. ampl. (Wight n. 2391).
6. Fuirena glomerata, Lam. — Nux. cum setis, 20 diam ampl. (Hohenacher n. 194).
7. Fuirena leptostachya, Oliver. — Nux, cum setis, 30 diam. ampl. (Grantii exemplum).
8. Fuirena cinerascens, Ridley. — Nux, cum setis, 20 diam. ampl. (Holst n. 2133).
9. Fuirena umbellata, Rottb. — Nux, cum setis, 20 diam. ampl. (J. D. Hooker n. 224).
10. Fuirena Ecklonii, Nees. — Nux, cum setis, 20 diam. ampl. (Dregei exemplum).
11. Fuirena glabra, Kunth. — Nux, cum setis, 20 diam. ampl. (Dregei exemplum).
12. Fuirena robusta, Kunth. — Nux, cum setis, 20 diam. ampl. (Wright n. 3779).



1–12. Fuirenae, nuces cum setis.

Tab. LX.

1. Lipocarpha pulcherrima, Ridley. — Planta, Magn. nat.
2. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 20 diam. ampl.
3. ,, ,, ,, Nux, 25 diam. ampl., cum hujus superficie magis ampl.
4. Lipocarpha argentea, R. Br. — Planta, Magn. nat.
5. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 15 diam. ampl.

5*a*. ,, ,, ,, Squamella inferior, 10 diam. ampl.

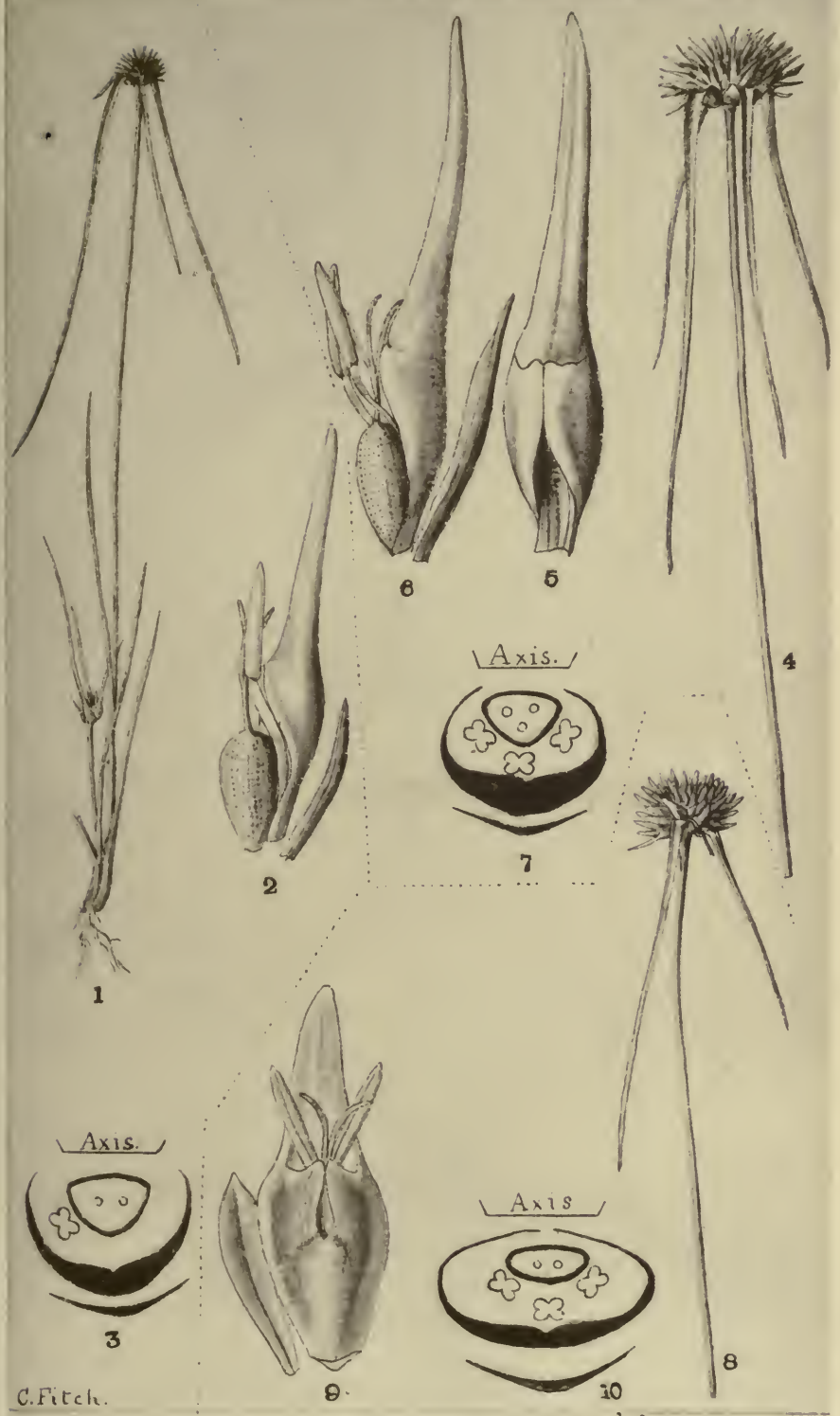
5*b*. ,, ,, ,, Squamella superior, 10 diam. ampl.

6. ,, ,, ,, Nux, 20 diam. ampl.
7. ,, ,, ,, Floris diagramma.
8. Lipocarpha albiceps, Ridley. — Planta, Magn. nat. (Buchanani exemplum).
9. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 20 diam. ampl.

1-3. L. pulcherrima, Ridley.
4-7. L. argentea, R. Br..
8,9. L. albiceps, Ridley.

Tab. LXI.

1. Ascolepis eriocauloides, Steud. — Planta, Magn. nat. (Schimper n. 1644).
2. ,, ,, ,, Gluma, squamella, flos, a latere visi, ampl.
3. ,, ,, ,, Floris diagramma.
4. Ascolepis elata, Welw. — Culmi apex, Magn. nat. (Welwitsch n. 1670).
5. ,, ,, ,, Squamella, a facie posticâ visa, ampl.
6. ,, ,, ,, Gluma, squamella, flos, a latere visi, ampl.
7. ,, ,, ,, Floris diagramma.
8. Ascolepis Capensis, C. B. Clarke. — Culmi apex, Magn. nat. (Dregei exemplum).
9. ,, ,, ,, Gluma, squamella, flos, a facie posticâ visi, ampl.
10. ,, ,, ,, Floris diagramma.



1-3. A. eriocauloides, Steud.
4-7. A. elata, Welw..
8-10. A. Capensis, C. B. Clarke.

Tab. LXII.

1.	Dulichium spathaceum, L. C. Rich. —	Planta, Magn. nat.
2.	,, ,, ,,	Flos, a facie posticâ visus, ampl.
3.	,, ,, ,,	Gluma, cum rachillae internodo, ampl.
4.	,, ,, ,,	Nucis sectio verticalis, ampl.
5.	,, ,, ,,	Floris diagramma. ⁎⁎ stamina 2 verticilli exterioris modo obsoleta modo (in formâ setarum) obvia.

1-5. D. spathaceum, L. C. Rich.

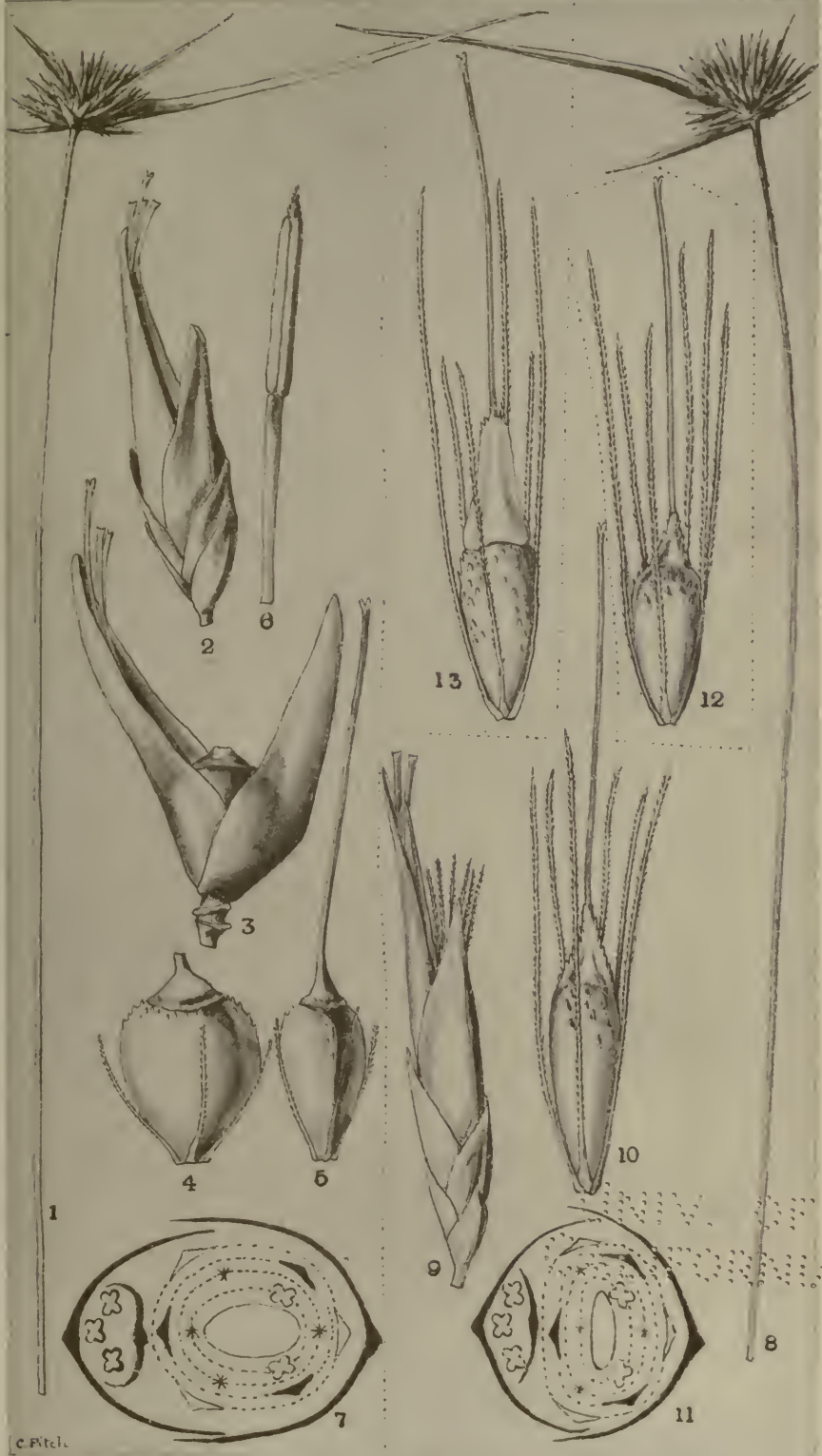
Tab. LXIII.

1. Dichromena Minarum. — Planta, Magn. nat. (Glaziou n. 20043).
2. Dichromena pubera, Vahl. — Planta, Magn. nat. (Appun. n. 72.).
3. ,, ,, ,, Spicula, 8 diam. ampl.
4. ,, ,, ,, Flos, in glumâ, a facie posticâ visus 25 diam. ampl.
5. Dichromena ciliata, Vahl. — Nux, 25 diam. ampl.
6. Dichromena repens, Vahl. — Nux, 25 diam. ampl.

1. D. Minarum,
2-4. D. pubera, Vahl.
5. D. ciliata, Vahl.
6. D. repens, Vahl.

Tab. LXIV.

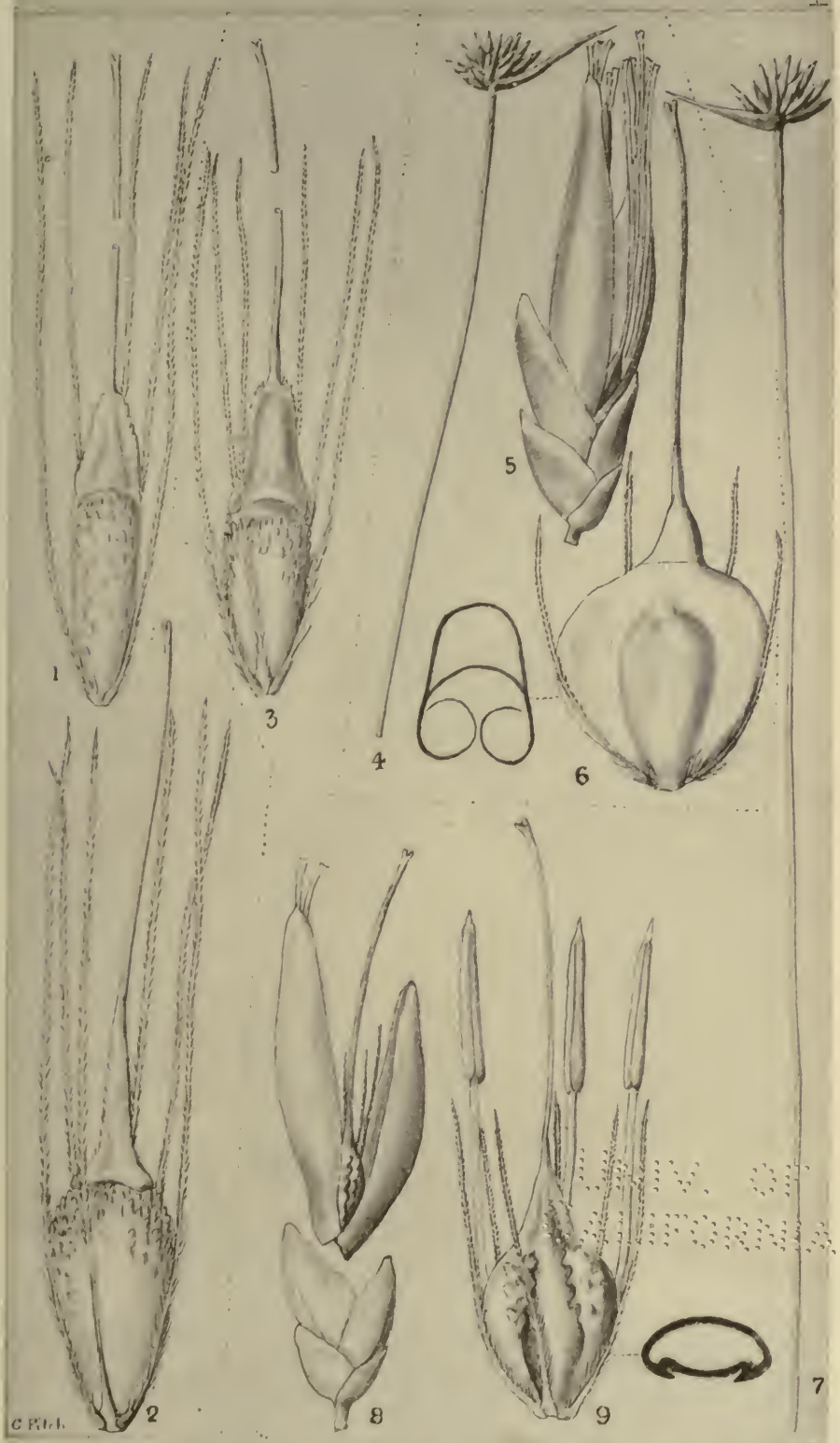
1. Rynchospora Wallichiana, Kunth. — Culmi apex, Magn. nat.
2. ,, ,, ,, Spicula junior, 6 diam. ampl.
3. ,, ,, ,, Spicula maturata, 6 diam. ampl.
4. ,, ,, ,, Nux, cum setis, a latere visa, 8 diam. ampl.
5. ,, ,, ,, Nux, cum setis, a facie posticâ visa, 8 diam. ampl.
6. ,, ,, ,, Stamen, 8 diam. ampl.
7. ,, ,, ,, Floris diagramma.
8. Rynchospora Wightiana, Steud. — Culmi apex, Magn. nat.
9. ,, ,, ,, Spicula junior, 6 diam. ampl.
10. ,, ,, ,, Nux, cum setis, a facie posticâ visa, 8 diam. ampl.
11. ,, ,, ,, Floris diagramma.
12. Rynchospora tenuifolia. Benth. — Nux, cum setis, a facie posticâ visa, 8 diam. ampl.
13. Rynchospora exserta. — Nux, cum setis, a facie posticâ visa, 8 diam. ampl.



1-7. R. Wallichiana Kunth. | 7-11. R Wightiana, Steud..
12. R. tenuifolia, Benth.. | 13. R. exserta.

Tab. LXV.

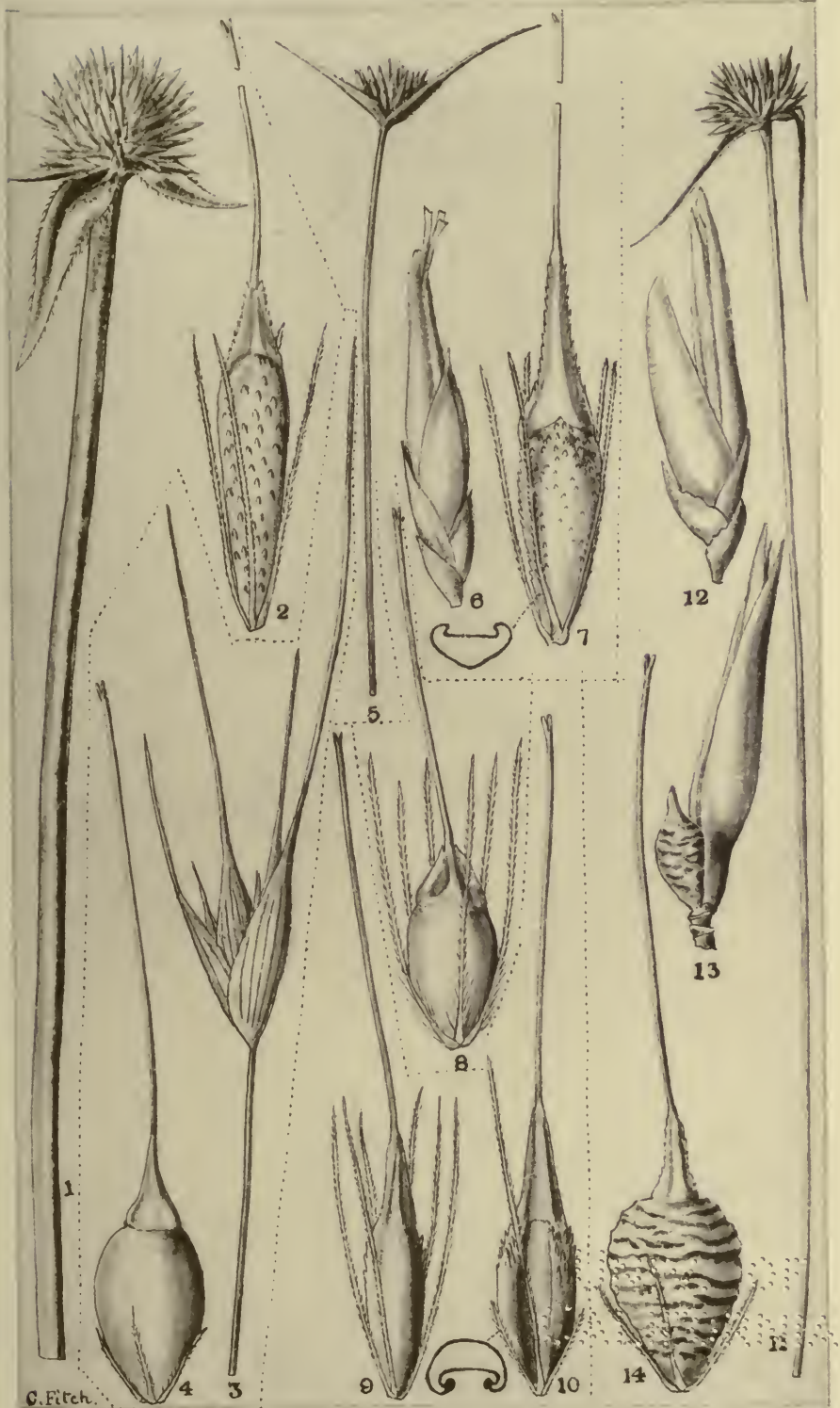
1. Rynchospora armerioides, Presl. — Nux, cum setis, a facie posticâ visa, 8 diam. ampl.
2. Rynchospora longisetis, R. Br. — Nux, cum setis, a facie posticâ visa, 8 diam. ampl.
3. Rynchospora pterochaeta, F. Muell.—Nux, cum setis, a facie posticâ visa, 8 diam. ampl.
4. Rynchospora pterocarpa, Roem. et Sch.— Culmi apex. Magn. nat.
5. ,, ,, ,, Spicula junior supra glumam 4 dislocata, 8 diam. ampl.
6. ,, ,, ,, Nux, cum setis, a facie posticâ visa, alis incurvatis a vi explanatis, 8 diam. ampl.
7. Rynchospora Trichochaeta. — Culmi apex, Magn. nat.
8. ,, ,, Spicula junior, supra glumam 4 dislocata, 8 diam. ampl.
9. ,, ,, Nux, cum setis, a facie posticâ visa, 8 diam. ampl.



1. R. armerioides, Presl.
2. R. longisetis, R. Br..
3. R. pterochaeta, F Muell.
4-6. R. pterocarpa, R. et S.
7-9.-R. Trichochaeta.

Tab. LXVI.

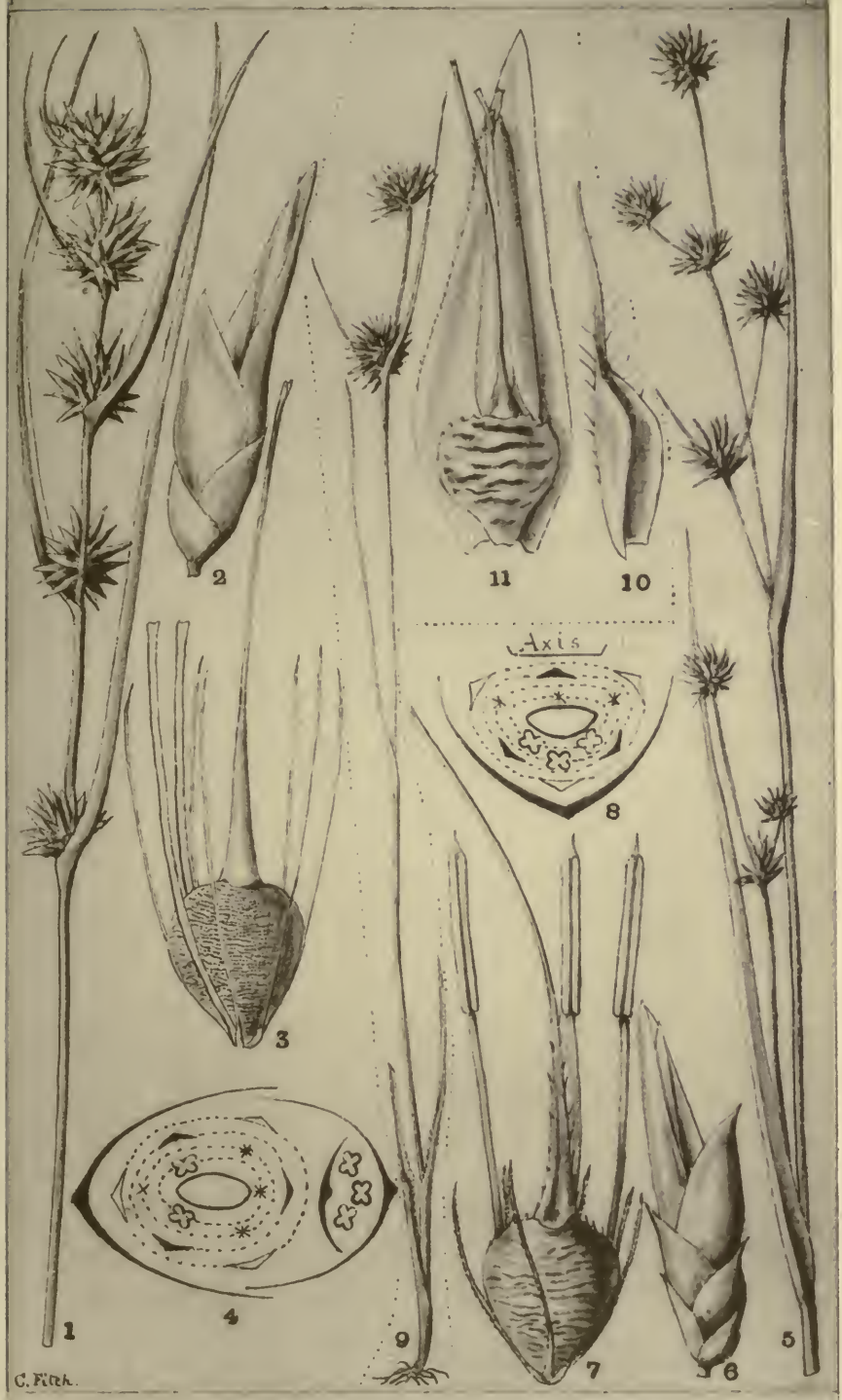
1. Rynchospora elatior, Kunth. — Culmi apex, Magn. nat.
2. ,, ,, ,, Nux, cum setis, a facie posticâ visa, 8 diam. ampl.
3. Rynchospora rigida, Boeck. — Culmi apex, Magn. nat.
4. ,, ,, ,, Nux. cum setis, a facie posticâ visa, 8 diam. ampl.
5. Rynchospora hispidula, Griseb.—Culmi apex, Magn. nat.
6. ,, ,, ,, Spicula junior, 8 diam. ampl.
7. ,, ,, ,, Nux, cum setis, a facie posticâ visa, 12 diam. ampl.
8. Rynchospora subplumosa. — Nux, cum setis, a facie posticâ visa, 10 diam. ampl.
9. Rynchospora hirta, Boeck. — Nux, cum setis, a facie posticâ visa, 10 diam. ampl. (Burchell n. 6891).
10. Rynchospora hirta, Boeck, var. Lindenii. — Nux, cum setis, a facie posticâ visa, 10 diam. ampl. (Linden n. 1461).
11. Rynchospora albiceps, Kunth.—Culmi apex, Magn. nat. (Balansa n. 472).
12. ,, ,, ,, Spicula, 8 diam. ampl., non maturata.
13. ,, ,, ,, Spicula eadem, 4 glumis inferioribus delapsis, 8 diam. ampl.
14. ,, ,, ,, Nux cum setis, 10 diam. ampl.



1, 2. R. elatior, Kunth.
5-7. R. hispidula, Griseb..
9, 10. R. hirta, Boeck..
3, 4. R. rigida, Boeck..
8. R. subplumosa.
11-14. R. albiceps, Kunth.

Tab. LXVII.

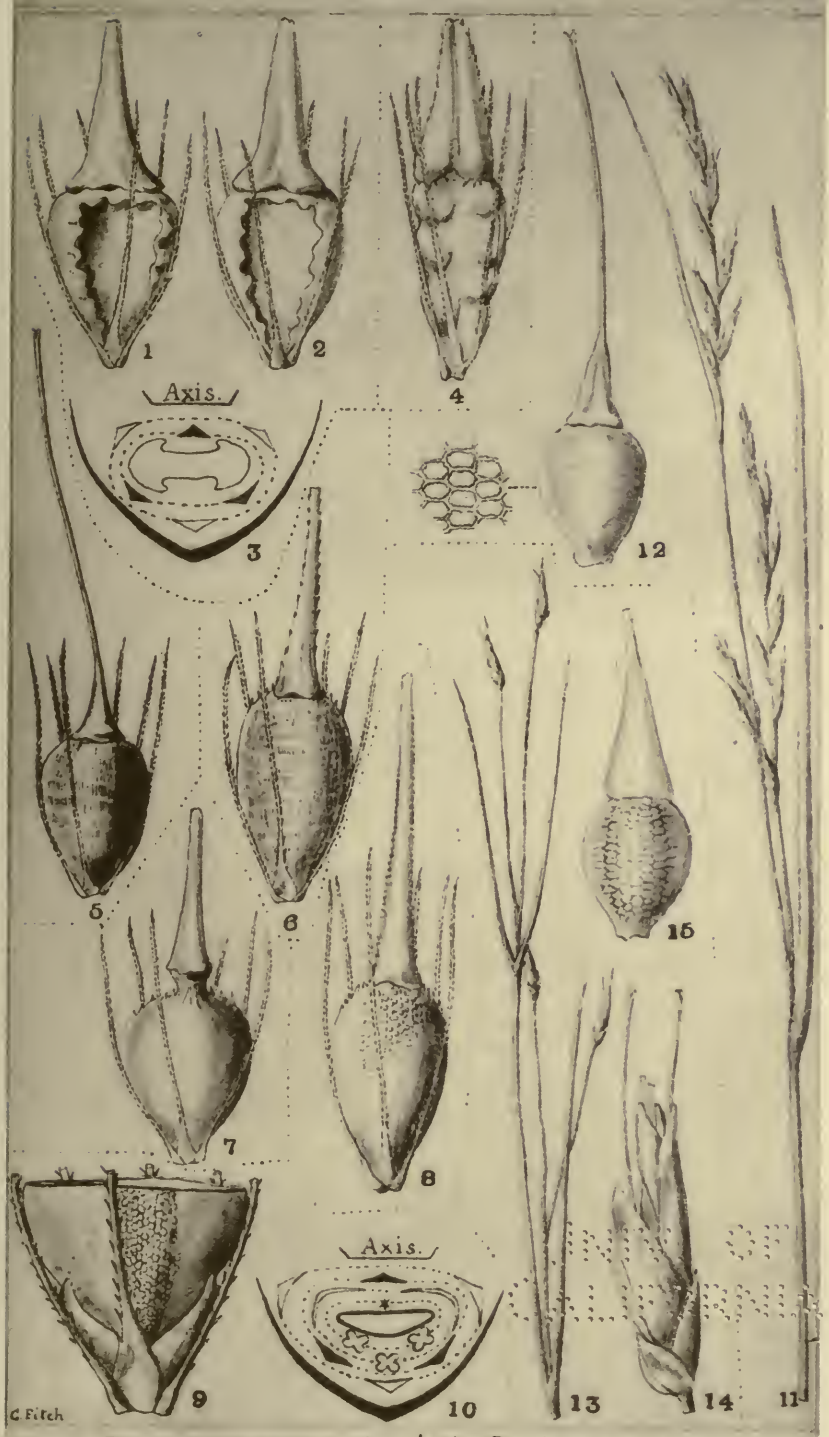
1. Rynchospora Malasica, C. B. Clarke. — Culmi apex, Magn. nat. (e Motley n. 377).
2. ,, ,, ,, Spicula, 8 diam. ampl.
3. ,, ,, ,, Nux, a latere visa, 20 diam. ampl.
4. ,, ,, ,, Floris diagramma.
5. Rynchospora cyperoides, Mart. — Culmi apex, Magn. nat. (e Sieber n. 8).
6. ,, ,, ,, Spicula, 8 diam. ampl.
7. ,, ,, ,, Nux, a facie posticâ visa, 20 diam. ampl.
8. ,, ,, ,, Floris diagramma.
9. Rynchospora aberrans. — Culmi apex, Magn. nat. (Gardneri exemplum in hb. Kew).
10. ,, ,, Gluma tertia, 8 diam. ampl.
11. ,, ,, Nux, cum spiculae parte superiore masculâ 15 diam. ampl.; in glumâ inferiore vacuâ, a facie anticâ visa; glumâ suâ cum filamentis amotâ.



1-4. R. Malasica, C. B. Clarke.
5-8. R. cyperoides, Mart.
9-11. R. aberrans.

Tab. LXVIII.

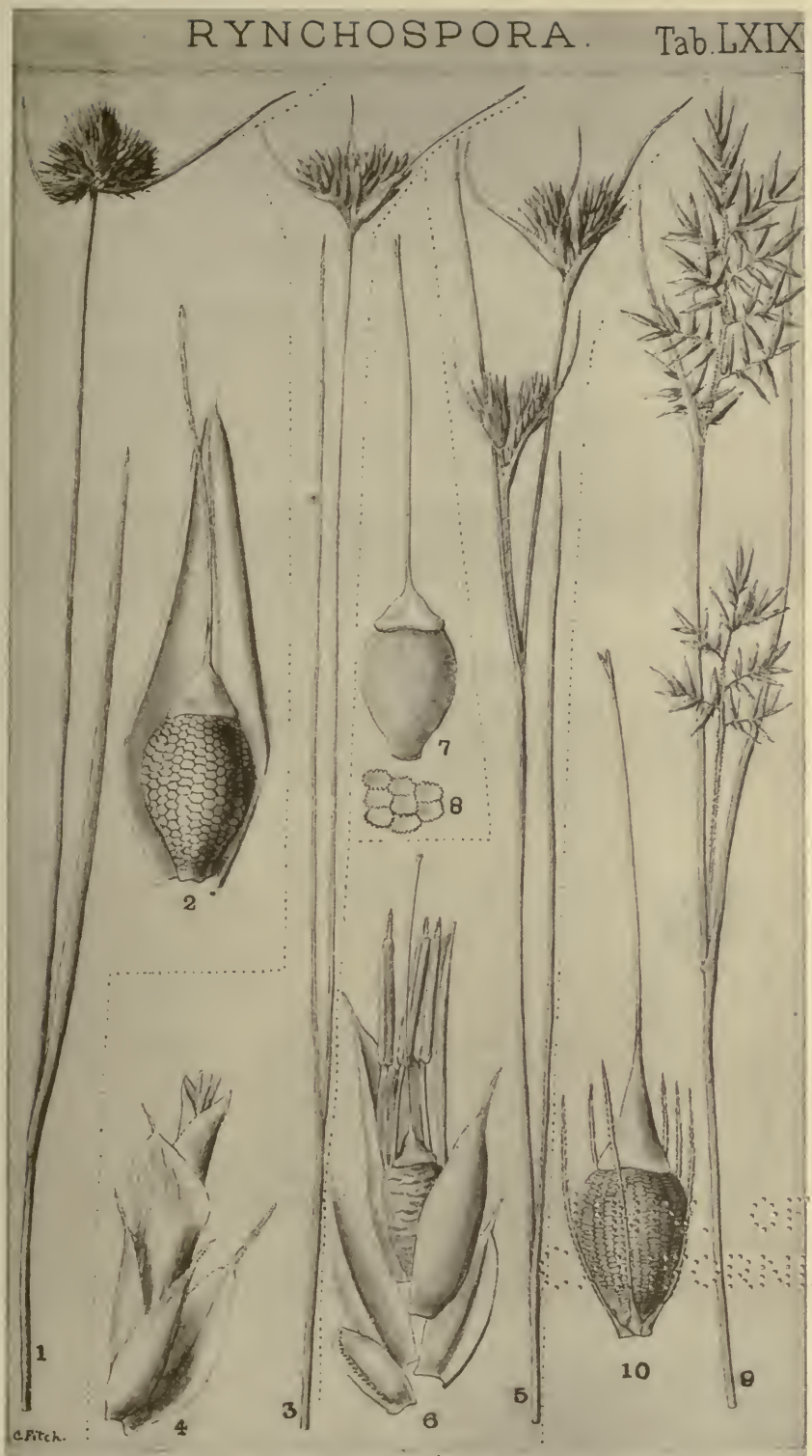
1. Rynchospora scutellata, Griseb. — Nux, a facie posticâ visa, 15 diam. ampl.
2. ,, ,, ,, Nux, a facie anticâ visa, 15 diam. ampl.
3. ,, ,, ,, Floris diagramma.
4. Rynchospora gigantea, Link. — Nux, a facie posticâ visa, 15 diam. ampl.
5. Rynchospora scaberrima, Boeck. — Nux, a facie posticâ visa, 15 diam. ampl.
6. Rynchospora triflora, Vahl. — Nux, a facie posticâ visa (Macrae n. 252), 15 diam. ampl.
7. Rynchospora Hookeri, Boeck. — Nux, a facie posticâ visa, 15 diam. ampl.
8. Rynchospora Amazonica, Kunth.— Nux, a facie posticâ visa, 15 diam. ampl.
9. Rynchospora viridi-lutea. — Nucis basis a facie posticâ visa (Traill n. 1202), 40 diam. ampl.; verticilli exterioris stamina 2 postica quasi glumae 2 minutae ovatae concavae nucis basin amplectentes visae erant.
10. ,, ,, Floris diagramma.
11. Rynchospora racemosa, Sauv. — Paniculae apex, Magn. nat.
12. ,, ,, ,, Nux, a facie posticâ visa, 15 diam. ampl.
13. Rynchospora dissitiflora, Boeck. — Paniculae apex, Magn. nat.
14. ,, ,, ,, Spicula, 8 diam. ampl.
15. ,, ,, ,, Nux, 15 diam. ampl.



1-3. R. scutellata, Griseb.
4. R. gigantea, Link.
5. R. scaberrima, Boeck.
6. R triflora, Vahl.
7. R. Hookeri, Boeck
8. R. Amazonica, Kunth.
9, 10. R. viridi-lutea.
11, 12. R. racemosa, Sauv.
13-15. R. dissitiflora, Boeck.

Tab. LXIX.

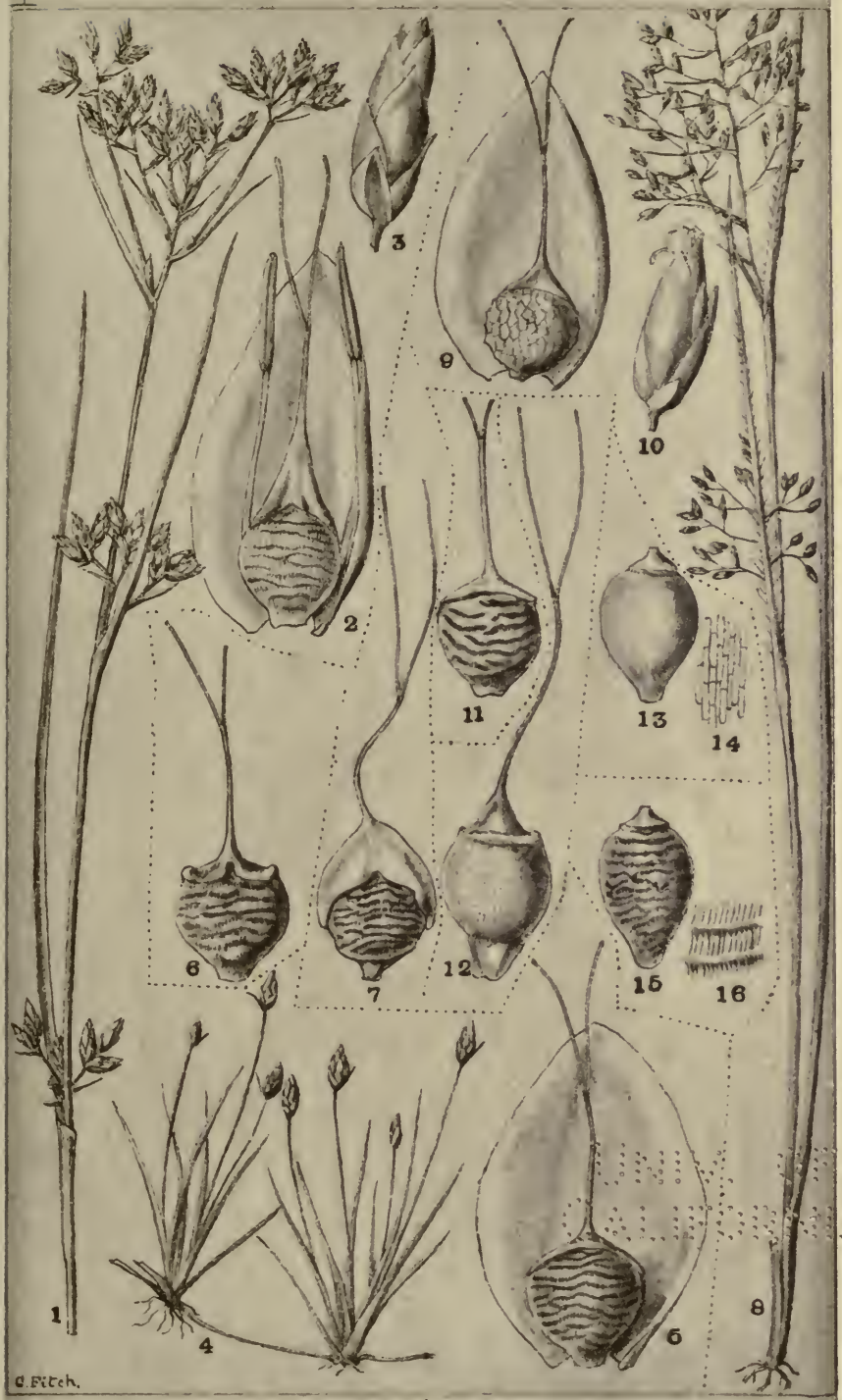
1. Rynchospora hemicephala, Boeck. — Culmi apex, Magn. nat.
2. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 20 diam. ampl.
3. Rynchospora patuligluma. — Culmi apex, Magn. nat.
4. ,, ,, Spicula, 8 diam. ampl.
5. Rynchospora ciliolata, Boeck. — Culmi apex, Magn. nat.
6. ,, ,, ,, Spicula (8 diam. ampl.) dissecta.
7. Rynchospora polyphylla, Vahl.— Nux, 15 diam. ampl.
8. ,, ,, ,, Nucis superficies, 40 diam. ampl.
9. Rynchospora macrochaeta, Boeck.—Culmi apex, Magn. nat. (Lechler n. 1819).
10. ,, ,, ,, Nux, a facie posticâ visa, 20 diam. ampl.



1, 2. R. hemicephala, Boeck.
3, 4. R. patuligluma.
5, 6. R. ciliolata, Boeck.
7, 8. R. polyphylla, Vahl.
9, 10. R. macrochaeta, Boeck.

Tab. LXX.

1. Rynchospora scirpoides, A. Gray. — Plantae apex, Magn. nat.
2. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 15 diam. ampl.
3. ,, ,, ,, Spicula, 8 diam. ampl.
4. Rynchospora monostachya. — Planta, Magn. nat.
5. ,, ,, Nux, in glumâ, a facie posticâ visa, 15 diam. ampl.
6. Rynchospora eximia, Boeck.— Nux, in glumâ, a facie posticâ visa, 15 diam. ampl.
7. Rynchospora candida, Boeck.—Nux, in glumâ, a facie posticâ visa (Schomburgk n. 685), 15 diam. ampl.
8. Rynchospora hirsuta. Vahl. — Planta, Magn. nat. (C. Wright n. 3412).
9. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 15 diam. ampl.
10. ,, ,, ,, Spicula, 8 diam. ampl.
11. Rynchospora micrantha, Vahl. — Nux, 15 diam. ampl.
12. Rynchospora longispicata, Boeck. — Nux, 15 diam. ampl.
13. Rynchospora divergens, Curtis. — Nux, 20 diam. ampl.
14. ,, ,, ,, Nucis superficies, 50 diam. ampl.
15. Rynchospora pusilla, Curtis. — Nux, 20 diam, ampl.
16. ,, ,, ,, Nucis superficies, 50 diam. ampl.



1-3. R. scirpoides, A. Gray.
4, 5. R. monostachya.
6. R. eximia, Boeck.
7. R. candida, Boeck.
8-10. R. hirsuta, Vahl.
11. R. micrantha, Vahl.
12. R. longispicata, Boeck.
13, 14. R. divergens, Curtis.
15, 16. R. pusilla, Curtis.

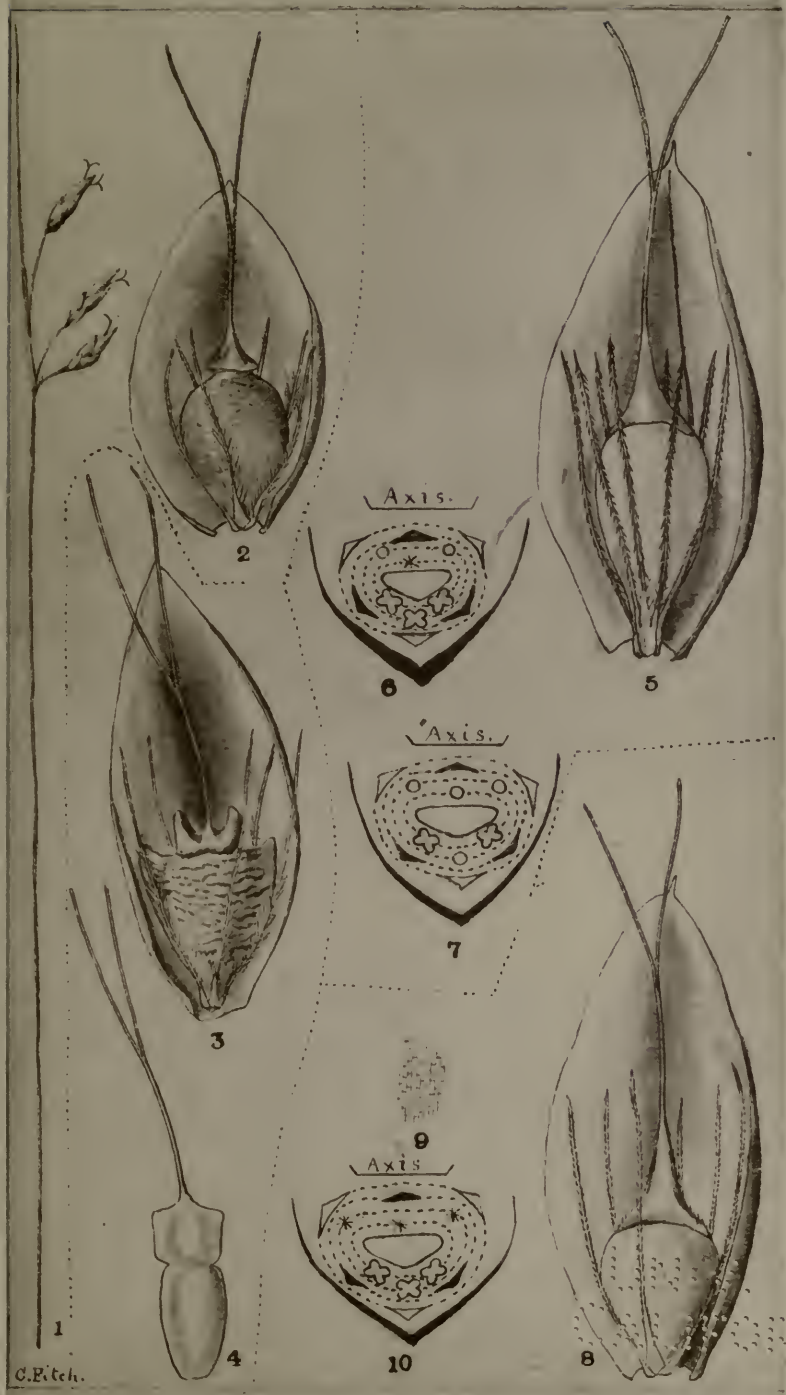
Tab. LXXI.

1. Rynchospora Barteri. — Culmi apex, Magn. nat.
2. ,, ,, Nux, in glumâ, a facie posticâ visa, 15 diam. ampl.
3. Rynchospora aureaeformis. — Nux, in glumâ, a facie posticâ visa, 15 diam. ampl.
4. Rynchospora junciformis, Boeck. — Planta, Magn. nat.
5. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 15 diam. ampl.
6. Rynchospora gracillima, Thwaites.— Culmi apex, Magn. nat.
7. ,, ,, ,, Nux, 20 diam. ampl.
8. Rynchospora Berterii. — Planta, Magn. nat.
9. ,, ,, Inflorescentia, 5 diam. ampl.
10. ,, ,, Nux, 20 diam. ampl.
11. Rynchospora tenerrima, Spreng. — Spicula (8 diam. ampl.) dissecta.
12. ,, ,, ,, Nux, 20 diam. ampl.
13. Rynchospora tenella, Boeck. — Panicula, Magn. nat.
14. ,, ,, ,, Nux, 20 diam. ampl.

1, 2. R. Barteri.
4, 5. R. junciformis, Boeck.
8–10. R. Berterii.
3. R. aureaeformis.
6, 7. R. gracillima, Thwaites.
11, 12. R. tenerrima, Spreng.
13, 14. R. tenella, Boeck.

Tab. LXXII.

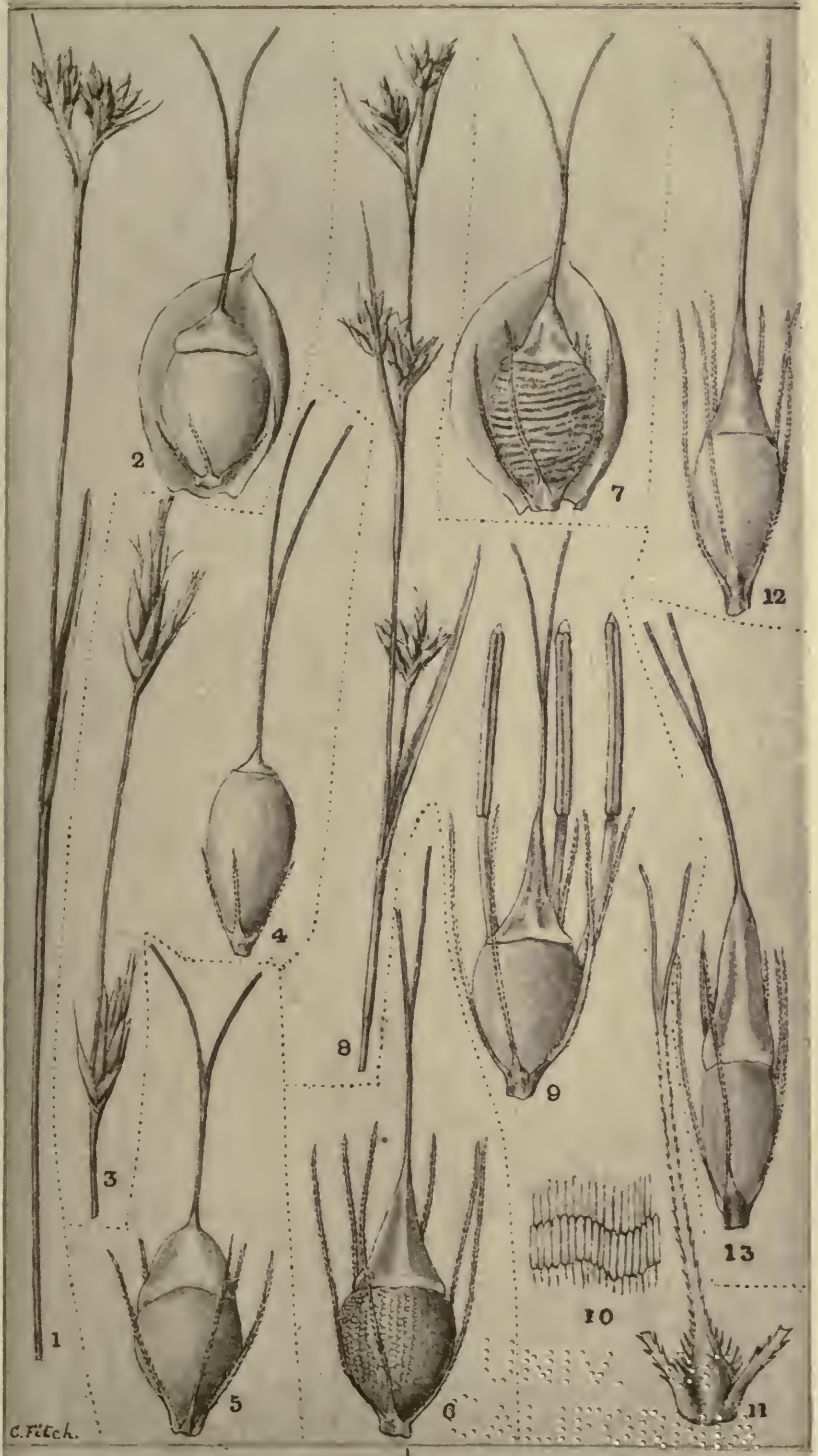
1. Rynchospora oligantha, A. Gray. — Culmi apex, Magn. nat.
2. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 15 diam. ampl.
3. Rynchospora lunata, Griseb. — Nux, in glumâ, a facie posticâ visa, 15 diam. ampl.
4. ,, ,, ,, Pistillum junius, 15 diam. ampl.
5. Rynchospora alba, Vahl (*α*). — Nux, in glumâ, a facie posticâ visa, 25 diam. ampl.
6. ,, ,, ,, Floris diagramma, setis 8; *i.e.* staminum rudimenta 2 (O, O) setas simulantia.
7. ,, ,, ,, Floris diagramma, setis 10; *i.e.* staminum rudimenta 4 (O,O,O,O) setas simulantia.
8. Rynchospora fusca, Link. — Nux, in glumâ, a facie posticâ visa, 25 diam. ampl.
9. ,, ,, ,, Nucis superficies, 50 diam. ampl.
10. ,, ,, ,, Floris diagramma; stamina 3 (✳, ✳, ✳) obsoleta.



1, 2. R. oligantha, A. Gray. | 3, 4. R. lunata, Griseb.
5-7. R. alba, Vahl. | 8-10. R. fusca, Link.

Tab. LXXIII.

1. Rynchospora ciliata, Vahl. — Culmi apex, Magn. nat.
2. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 15 diam. ampl.
3. Rynchospora prolifera. — Panicula, Magn. nat. (Schomburgk n. 971).
4. ,, ,, Nux, a facie posticâ visa, 20 diam. ampl.
5. Rynchospora Paraensis, Schrader. — Nux, a facie posticâ visa (Spruce n. 540), 15 diam. ampl.
6. Rynchospora thyrsoidea, Nees. — Nux, a facie posticâ visa, 20 diam. ampl.
7. Rynchospora glauca, Vahl. — Nux, cum setis, in glumâ, a facie posticâ visa, 15 diam. ampl.; exemplum Jamaicense, mihi typicum.
8. Rynchospora glauca, Vahl, var. β Chinensis (sp.) Boeck. } — Paniculae apex, Magn. nat.
9. ,, ,, ,, Flos, a facie posticâ visa, 15 diam. ampl.
10. ,, ,, ,, Nucis superficies, 50 diam. ampl.
11. ,, ,, ,, Seta postica, apice bifida, 30 diam. ampl.; e 2 staminibus posticis verticilli exterioris rudimentariis connatis structa—semel visa.
12. Rynchospora Griffithii, Boeck. — Nux, 15 diam. ampl.
13. Rynchospora Sikkimensis. — Nux, 15 diam. ampl.



1, 2. R. ciliata, Vahl.
5. R. Paraensis, Schrad.
7-11. R. glauca, Vahl.
3, 4. R. prolifera.
6. R. thyrsoidea, Nees.
12. R. Griffithii, Boeck.
13. R. Sikkimensis.

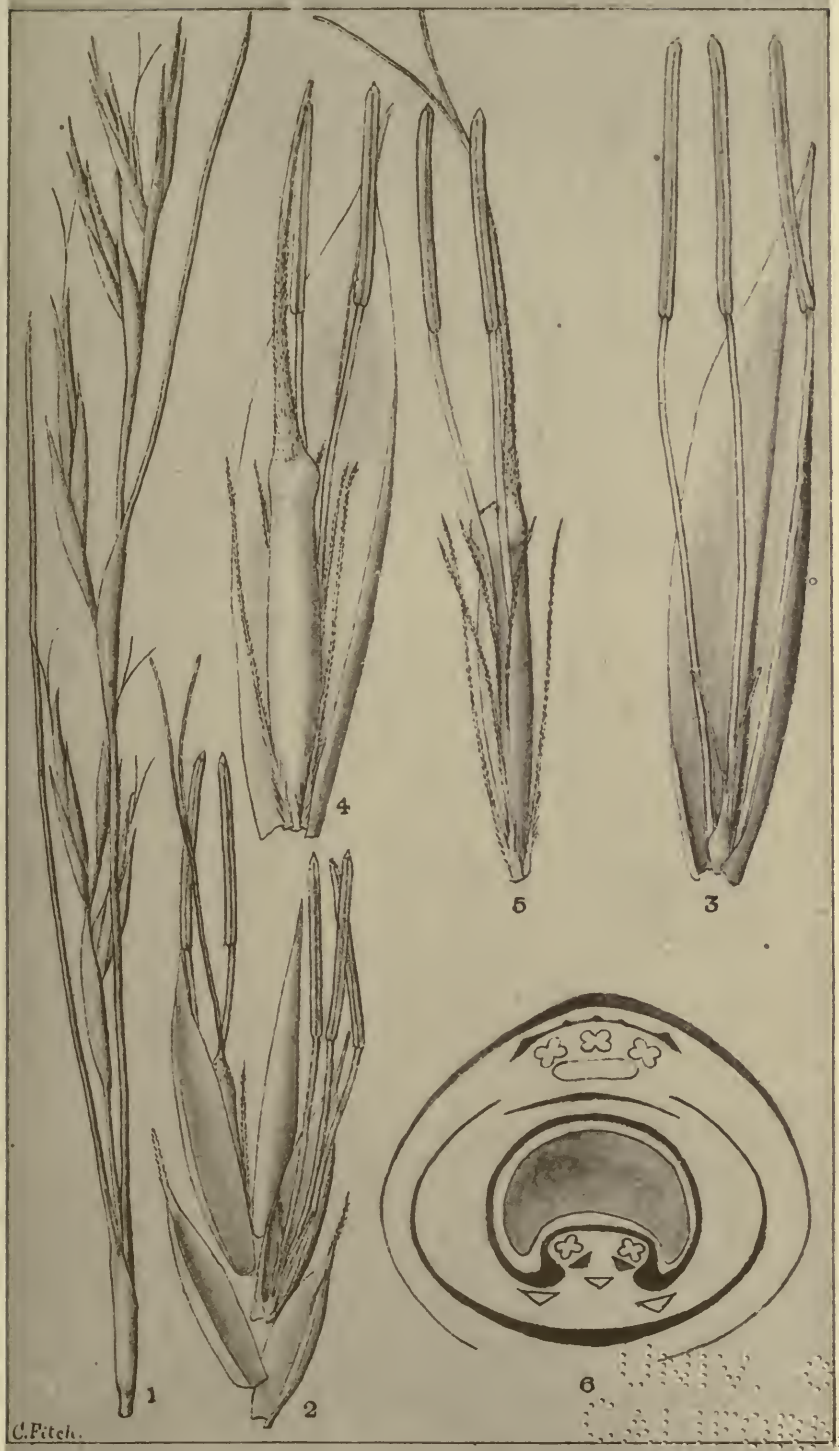
Tab. LXXIV.

1. Pleurostachys stricta, Kunth. — Culmi apex, Magn. nat.
2. ,, ,, ,, Spicula, 10 diam. ampl.
3. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 20 diam. ampl.
4. Pleurostachys Urvillei, Brongn. — Culmi apex, Magn. nat.
5. ,, ,, ,, Seta, 25 diam. ampl.
6. Pleurostachys tenuiflora, Brongn. — Rhizoma, Magn. nat.

1 - 3. P. stricta, Kunth.
4, 5. P. Urvillei, Brongn.
6. P. tenuiflora, Brongn.

Tab. LXXV.

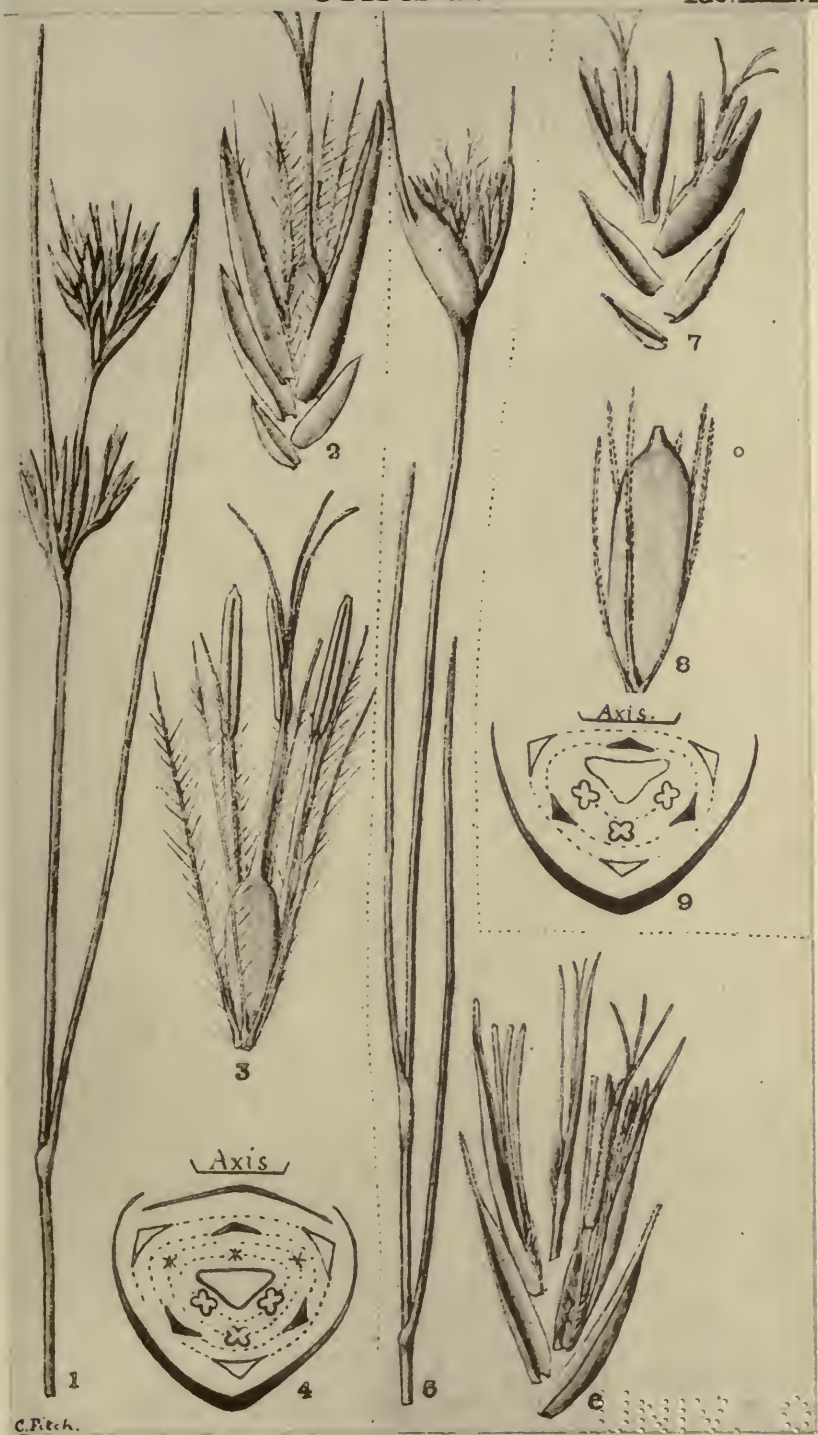
1. Cyathochaete avenacea, Benth. — Paniculae apex, Magn. nat.
2. ,, ,, ,, Spicula dissecta, 3 diam. ampl.
3. ,, ,, ,, Flos inferior, a facie posticâ visus, in glumâ, 10 diam. ampl.
4. ,, ,, ,, Flos superior, a facie posticâ visus, in glumâ, 10 diam. ampl.
5. ,, ,, ,, Flos superior, a facie anticâ visus, 10 diam. ampl.
6. ,, ,, ,, Spiculae diagramma, glumis vacuis amotis. Setarum rudimentum, in flore inferiore delineatum, rarius adest.



1–6. C. avenacea; Benth.

Tab. LXXVI.

1.	Carpha alpina, R. Br. —	Culmus, Magn. nat. (R. Brown n. 6020).
2.	,, ,, ,,	Spicula dissecta, 3 diam. ampl.
3.	,, ,, ,,	Flos, a facie posticâ visus, 6 diam. ampl.
4.	,, ,, ,,	Floris diagramma, glumis 2 imis vacuis amotis.
5.	Carpha deusta, R. Br. —	Culmus, Magn. nat. (R. Brownii exemplum).
6.	,, ,, ,,	Spicula dissecta, 3 diam. ampl.
7.	Carpha glomerata, Nees. —	Spicula dissecta, 5 diam. ampl.
8.	,, ,, ,,	Nux, cum setis, a facie posticâ visa, 20 diam. ampl.
9.	,, ,, ,,	Floris diagrmama.



1–4. C. alpina, R. Br.
5–6. C. deusta, R. Br.
7–9. C glomerata, Nees.

Tab. LXXVII.

1. Carpha deusta, R. Br. — Spicula 1-flora dissecta, 8 diam. ampl.
2. Carpha capitellata, Nees [forma tenuis (sp.), Kunth.] — Nux, cum setis, a facie posticâ visa, 15 diam. ampl.
3. Carpha Aubertii, Nees. — Flos, in glumâ, a facie posticâ visus, 15 diam. ampl.
4. Ecklonea Capensis, Steud. — Planta, Magn. nat.
5. ,, ,, ,, Spicula dissecta, 5 diam. ampl.
6. ,, ,, ,, Flos, a facie posticâ visus, 15 diam. ampl.
7. ,, ,, ,, Seta, 30 diam. ampl.
8. ,, ,, ,, Nucis superficies, 50 diam. ampl.
9. ,, ,, ,, Floris diagramma.

CARPHA.
ECKLONEA.

Tab. LXXVII.

1. C. deusta, R. Br.
2. C. capitellata, Nees.
3. C. Aubertii, Nees.
4-9. Eckl. Capensis, Steud.

Tab. LXXVIII.

1 Schoenus cruentus, Benth. — Spicula frutescens, glumis inferioribus delapsis, 6 diam. ampl.

2. ,, ,, ,, Nux, cum setis, 20 diam. ampl.

3. Schoenus curvifolius, Benth.— Nux, cum setis, 20 diam. ampl.

4. Schoenus pleiostemoneus, F. Muell.— Spicula matura, glumis delapis, 10 diam. ampl.

5. Schoenus grandiflorus, F. Muell. — Spicula, 3 diam. ampl.

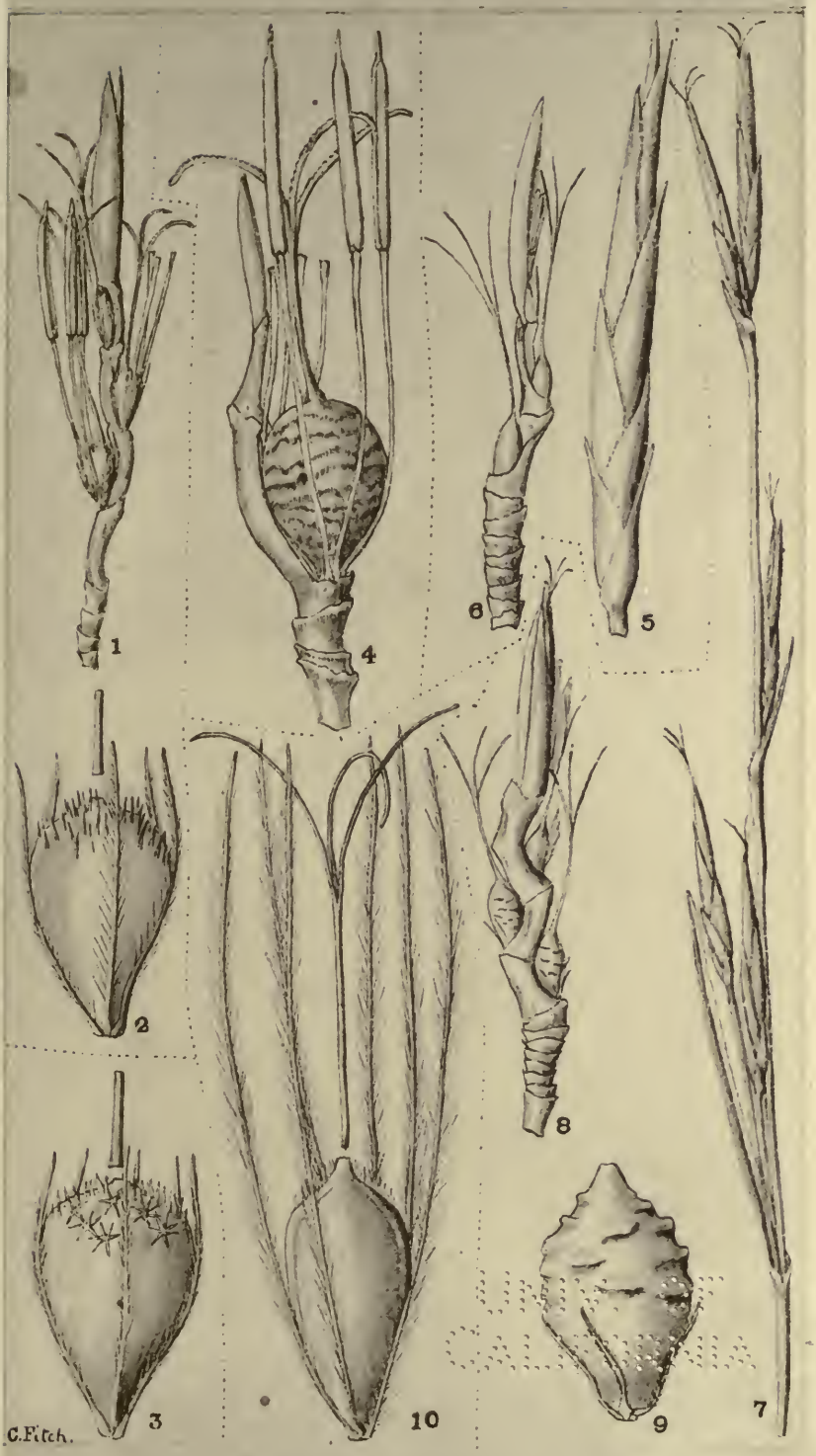
6. ,, ,, ,, Spicula, glumis amotis, 3 diam. ampl.

7. Schoenus calostachyus, Poiret. — Paniculae apex, Magn. nat. (MacGillivrayi exemplum).

8. ,, ,, ,, Spicula (glumis amotis), 4 diam. ampl.

9. ,, ,, ,, Nux, cum setis, 15 diam. ampl.

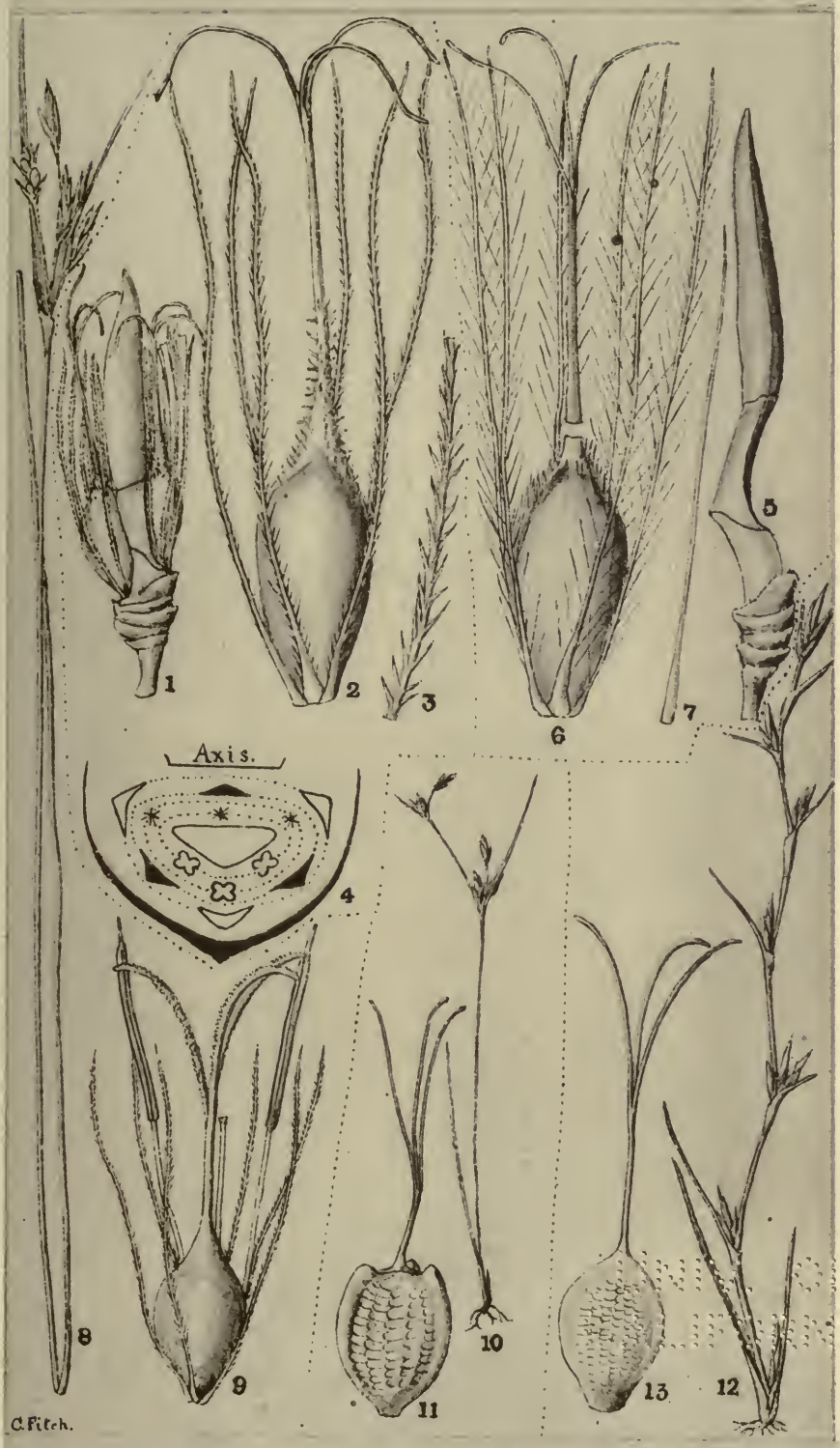
10. Schoenus comosus, Poiret. — Nux, cum setis, 20 diam. ampl.



1, 2. S. cruentus. Benth.
3. S. curvifolius, Benth.
4. S. pleiostemoneus F. Muell.
5, 6. S. grandiflorus, F. Muell.
7-9. S. calostachyus, Poir..
10. S. comosus.

Tab. LXXIX.

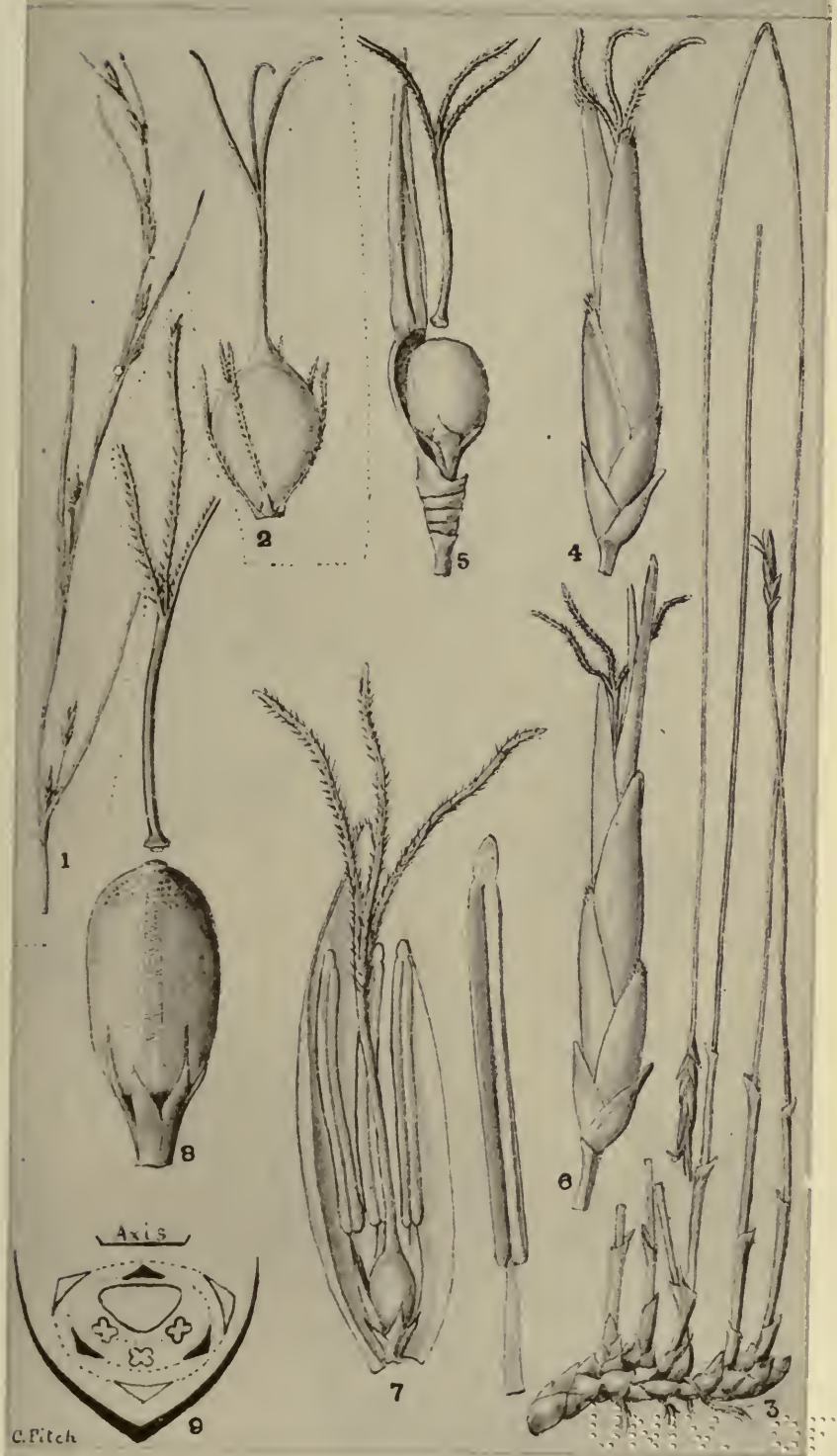
1. Schoenus arundinaceus, Forst. — Spicula, glumis inferioribus amotis, 5 diam. ampl.
2. ,, ,, ,, Nux, cum setis, 15 diam. ampl.
3. ,, ,, ,, Setae fragmentum, 50 diam. ampl.
4. ,, ,, ,, Floris diagramma.
5. Schoenus Hornei, C. B. Clarke. — Spiculae rhachilla matura, 8 diam. ampl.
6. ,, ,, ,, Nux, cum setis, 15 diam. ampl.
7. ,, ,, ,, Setae pilus unicus, 50 diam. ampl.
8. Schoenus pauciflorus, Hook. *f.* — Culmus, Magn. nat. (Colenso n. 1616).
9. ,, ,, ,, Flos, 15 diam. ampl. (Colenso n. 1623).
10. Schoenus odonto-carpus, F. Muell.— Planta, Magn. nat. (F. Muelleri exemplum).
11. ,, ,, ,, Nux, 20 diam. ampl.
12. Schoenus sculptus, Boeck. — Planta, Magn. nat. (Oldfieldii exemplum).
13. ,, ,, ,, Nux, 15 diam. ampl.



1–4. S. arundinaceus, Forst.. | 8, 9. S. pauciflorus, Hook. f.
5–7. S. Hornei, C. B. Clarke. | 10, 11. S. odontocarpus, F. Muell.
12, 13. S. sculptus, Boeck.

Tab. LXXX.

1.	Schoenus axillaris, Poir.	— Culmi pars superior, Magn. nat. (R. Brown, n. 6013).
2.	,, ,, ,,	Nux, cum setis, 15 diam. ampl.
3.	Schoenus tenuissimus, Benth.	— Planta, Magn. nat. (Gunn n. 1416).
4.	,, ,, ,,	Spicula, 6 diam. ampl. (Adamson n. 493).
5.	,, ,, ,,	Spicula, glumis amotis, 6 diam. ampl.
6.	,, ,, ,,	Spicula, 6 diam. ampl. (Moore n. 64).
7.	,, ,, ,,	Flos, in glumâ, a facie posticâ visus, 15 diam. ampl. (Gunn n. 1416).
8.	,, ,, ,,	Nux, cum setis, a facie anticâ visa, 20 diam. ampl. (Moore n. 64).
9.	,, ,, ,,	Floris diagramma.



1, 2. S. axillaris. Poir.
3-9. S. tenuissimus, Benth.

Tab. LXXXI.

1. Phylloscirpus Andesinus. — Planta, Magn. nat. (Moseleyi exemplum).
2. ,, ,, Spiculæ 2 (3 diam. ampl.).
3. ,, ,, Nux, in glumâ, a facie posticâ visa, 15 diam. ampl. N.B.—Nux nigra, a stylobasi stramineâ coronata.
4. Macrochaetium Dregei, Steud. — Spicula dissecta, 8 diam. ampl.
5. Tetrariopsis octandra. — Spicula dissecta, 10 diam. ampl.

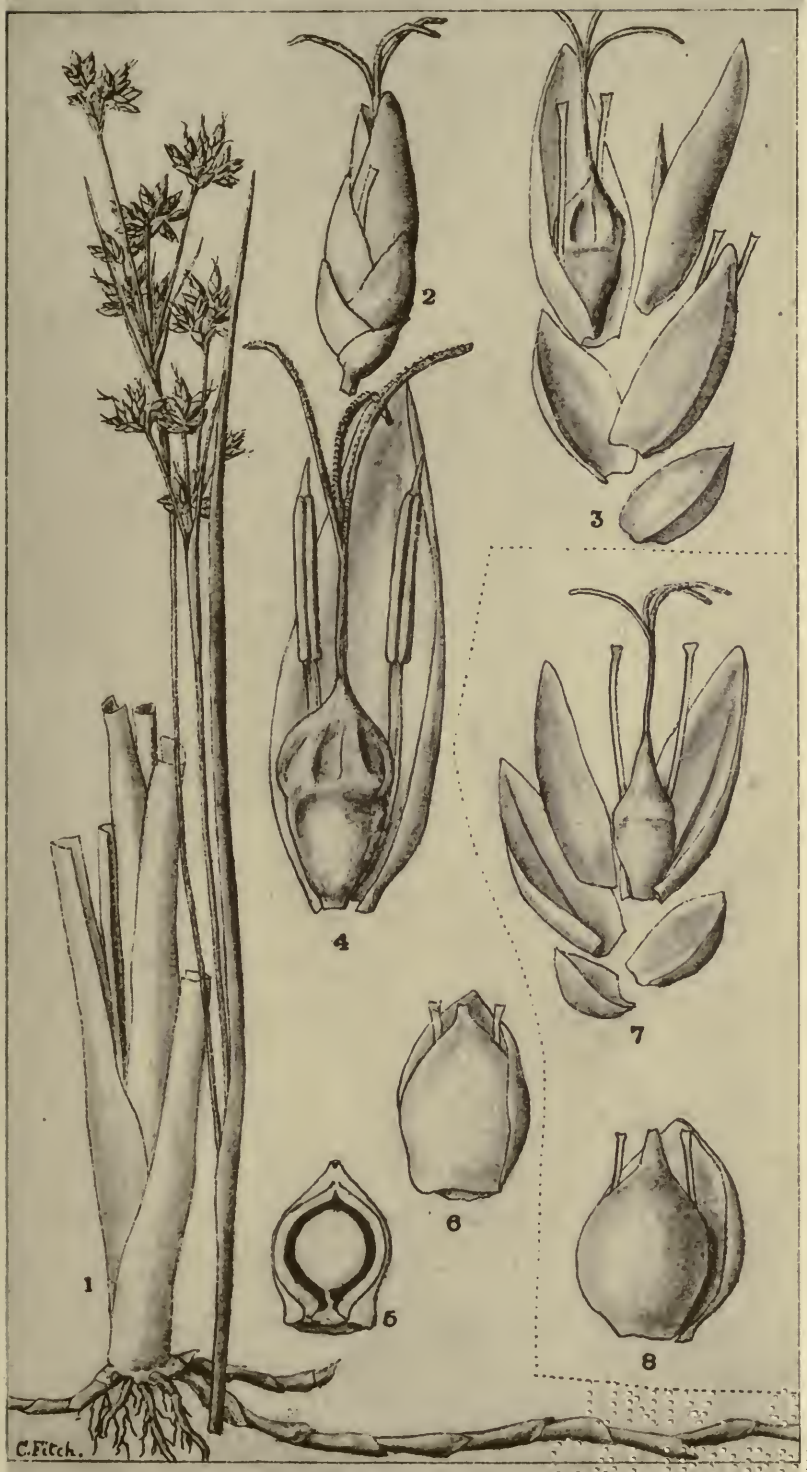
PHYLLOSCIRPUS.
MACROCHAETIUM.
TETRARIOPSIS.

Tab. LXXXI

1–3. P. Andesinus.
4. Macroch. Dregei, Steud.
5. Tetrar. octandra.

Tab. LXXXII.

1. Cladium triglomeratum, Nees. — Planta (basis apex), Magn. nat.
2. ,, ,, ,, Spicula, 5 diam. ampl.
3. ,, ,, ,, Spicula dissecta, 8 diam. ampl.
4. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 15 diam. ampl.
5. ,, ,, ,, Nucis sectio verticalis, 8 diam. ampl.
6. ,, ,, ,, Nux matura, in glumâ, a facie posticâ visa, 8 diam. ampl.
7. Cladium Jamaicense, Crantz. — Spicula dissecta, 4 diam. ampl.
8. ,, ,, ,, Nux matura, in glumâ, a facie posticâ visa, 8 diam. ampl.



1–6. C. triglomeratum, Nees.
7, 8. C. Jamaicense, Crantz.

Tab. LXXXIII.

1.	Cladium Maingayi, C. B. Clarke.	— Caulis basis, Magn. nat.
2.	,, ,, ,,	Paniculæ fragmentum, Magn. nat.
3.	,, ,, ,,	Spicula dissecta, 8 diam. ampl.
4.	,, ,, ,,	Nux, cum setis, 20 diam. ampl.
5.	Cladium restioides, Benth.	— Nux, cum setis, 20 diam. ampl.
6.	Cladium undulatum, Thwaites.	— Caulis basis, Magn. nat.
7.	,, ,, ,,	Paniculae fragmentum, Magn. nat.
8.	,, ,, ,,	Spicula, 8 diam. ampl.
9.	,, ,, ,,	Spicula dissecta, 8 diam. ampl.
10.	,, ,, ,,	Nux, cum setis, 15 diam. ampl.
11.	,, ,, ,,	Nux, cum setis transversim secta, 30 diam. ampl.

1-4. C. Maingayi, C.B. Clarke.
5. C. restioides, Benth.
6-11. C. undulatum, Thwaites.

Tab. LXXXIV.

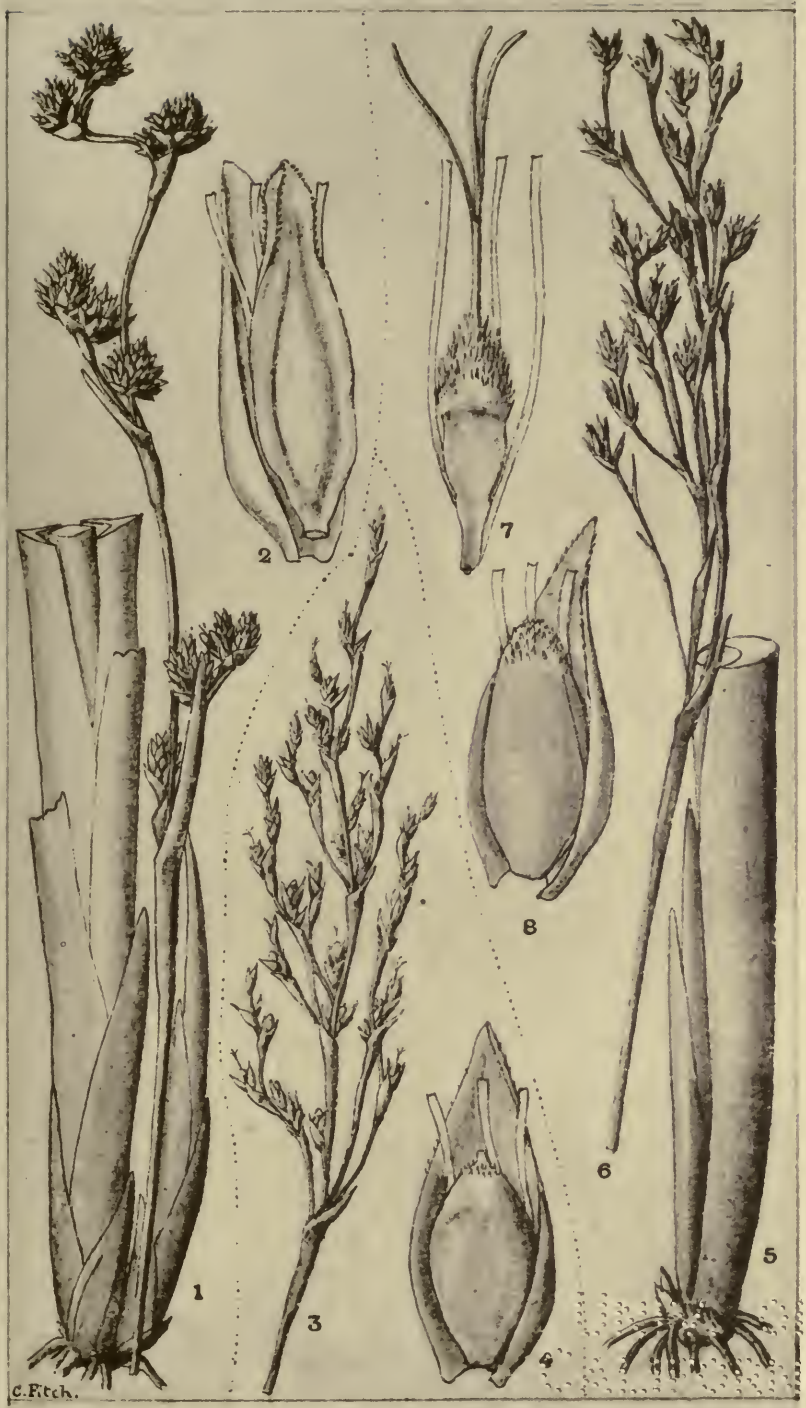
1. Cladium Vincentia. — Caulis basis (Hillebrandi exemplum) Magn. nat.
2. ,, ,, Paniculae fragmentum, Magn. nat.
3. ,, ,, Flos, in glumâ, a facie posticâ visus, 10 diam. ampl.
4. Cladium Sinclairii, Hook. *f.* — Paniculae fragmentum, Magn. nat.
5. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 10 diam. ampl.
6. Cladium ensifolium, Benth. — Caulis basis, Magn. nat. (Glaziou n. 7986).
7. ,, ,, ,, Paniculae fragmentum, Magn. nat.
8. ,, ,, ,, Flos, in glumâ, a facie posticâ visus, 10 diam. ampl.

1-3. C. Vincentia,
4, 5. C. Sinclairii, Hook. f.
6-8. C. ensifolium, Benth.

Tab. LXXXV.

1. Cladium anceps, Hook. *f.* — Caulis basis et apex, Magn. nat. (Gardneri exemplum).
2. „ „ „ Nux, in glumâ, a facie posticâ visa, 10 diam. ampl. (Bojeri exemplum).
3. Cladium Deplanchei. — Paniculae fragmentum, Magn. nat. (Milne n. 163).
4. „ „ Nux, in glumâ, a facie posticâ visa, 10 diam. ampl.
5. Cladium riparium, Benth., var. crassa. — Caulis basis, Magn. nat. (C. B. Clarke n. 16926).
6. „ „ „ „ Paniculae fragmentum, Magn. nat.
7. „ „ „ „ Flos, semi-maturatus, 10 diam. ampl.
8. „ „ „ „ Nux, in glumâ, a facie posticâ visa, 10 diam. ampl.

CLADIUM. Tab. LXXXV



1, 2. C. anceps, Hook, f.
3, 4. C. Deplanchei,
5, 8. C. riparium, Benth, Var.

Tab. LXXXVI.

1. Lepidosperma lineare, R. Br. — Planta, Magn. nat. (R. Brown n. 6029).
2. ,, ,, ,, Nux, cum setis, in glumâ, a facie posticâ visa, 10 diam. ampl.
3. ,, ,, ,, Seta, 25 diam. ampl.
4. Lepidosperma laterale, R. Br. — Nux, cum setis, in glumâ, a facie posticâ visa, 10 diam. ampl. (R. Brown, n. 6038).
5. ,, ,, ,, Nucis superficies, 40 diam. ampl.
6. Lepidosperma concavum, R. Br.— Nux, cum setis, 10 diam. ampl. (R. Brown n. 6040).
7. ,, ,, ,, Nucis superficies, 40 diam. ampl.
8. Lepidosperma striatum, R. Br. — Spicula dissecta, 10 diam. ampl. (Drummond n. 380).

1-3. L. lineare, R. Br..
4, 5. L. laterale, R. Br..
6, 7. L. concavum, R. Br..
8. L. striatum, R. Br..

Tab. LXXXVII.

1.	Tricostularia Neesii, Lehm., var. elatior, Benth.	Planta, Magn. nat. (Drummond n. 329.
2.	,, ,, ,,	Nux, in glumâ, a facie posticâ visa, 15 diam. ampl.
3.	Tricostularia pauciflora, Benth.	Spicula dissecta, 10 diam. ampl. (R. Brown n. 6048).
4.	Microschoenus Duthiei, C. B. Clarke.	Planta, Magn. nat. (Duthie n. 132).
5.	,, ,, ,,	Inflorescentia, 8 diam. ampl.
6.	,, ,, ,,	Spicula dissecta, 15 diam. ampl.

TRICOSTULARIA.
MICROSCHOENUS.

Tab. LXXXVII.

1-2. T. Neesii, Lehm..
3. T. pauciflora, Benth..
4-6. M. Duthiei, C.B. Clarke.

Tab. LXXXVIII.

1. Costularia paludosa. — Planta, Magn. nat. (R. Brown n. 6011).
2. „ „ Spicula dissecta, 10 diam. ampl.
3. „ „ Nux, cum setis, 15 diam. ampl.
4. Costularia recurva, C. B. Clarke. — Spicula dissecta, 10 diam. ampl. (Baron n. 399).
5. Epischoenus quadrangularis, C. B. Clarke. — Caulis apex, Magn. nat. (Burchell n. 557).
6. „ „ „ Spicula dissecta, 10 diam. ampl.
7. „ „ „ Nux, cum stylo, 15 diam. ampl.

COSTULARIA.
EPISCHOENUS.

Tab. LXXXVIII.

1-3. C. paludosa.
4. C. recurva, C. B. Clarke.
5-7. E. quadrangularis, C. B. Clarke.

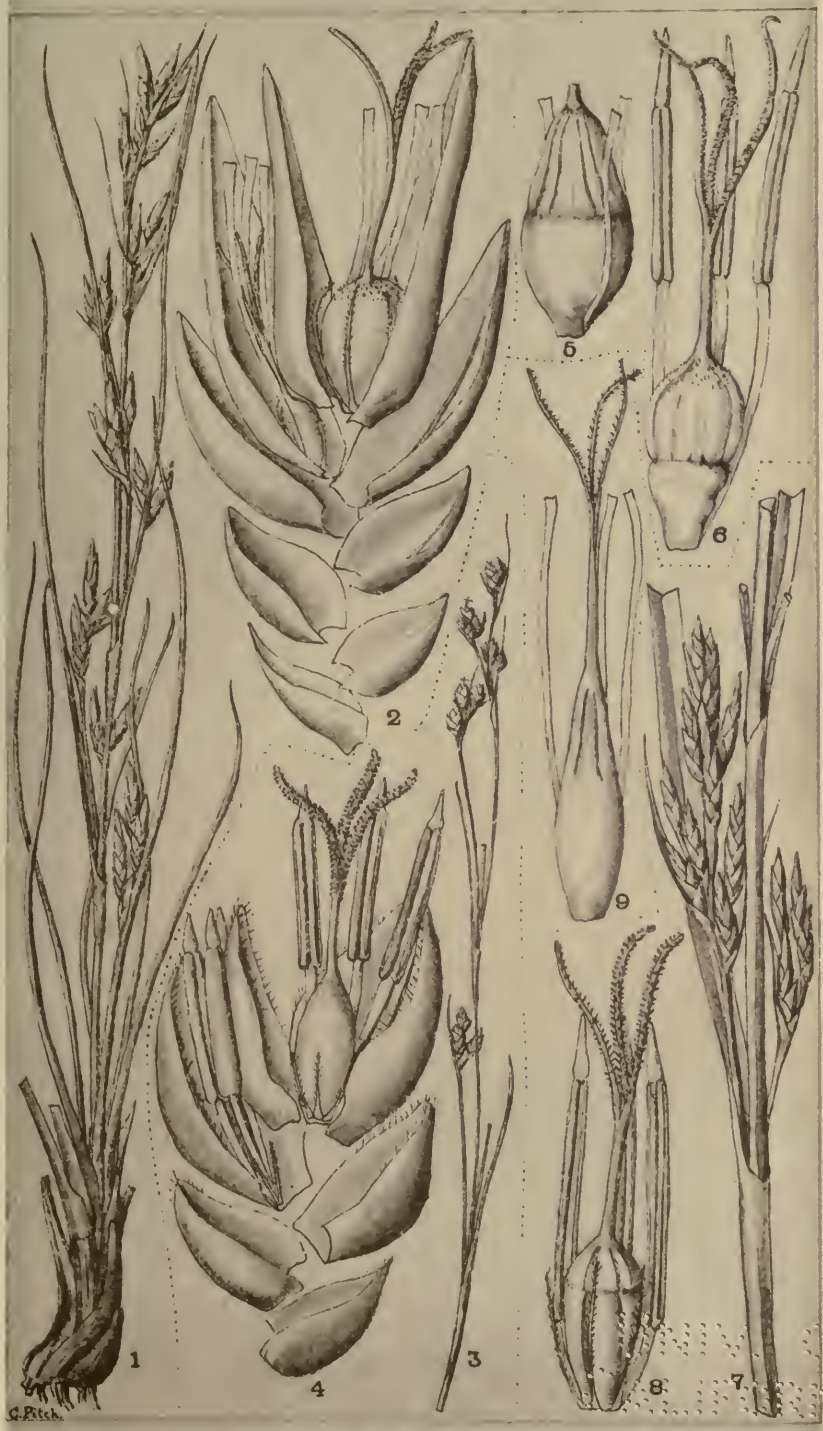
Tab. LXXXIX.

1. Tetraria crinifolia, C. B. Clarke. — Caulis pars [½] superior, Magn. nat.
2. ,, ,, ,, Spicula mascula dissecta, 10 diam. ampl.
3. ,, ,, ,, Spicula foeminea dissecta, 10 diam. ampl.
4. ,, ,, ,, .Nux, 15 diam. ampl.
5. Tetraria cuspidata, C. B. Clarke.— Planta, Magn. nat. (Bolus n. 2585).
6. ,, ,, ,, Spicula, 8 diam. ampl.
7. ,, ,, ,, Spicula 8 diam. ampl. (McGillivray n. 431).
8. ,, ,, ,, Nux, in glumâ, a facie posticâ visa, 15 diam. ampl.

1–4. T. crinifolia, C. B. Clarke.
5–8. T. cuspidata, C. B. Clarke.

Tab. XC.

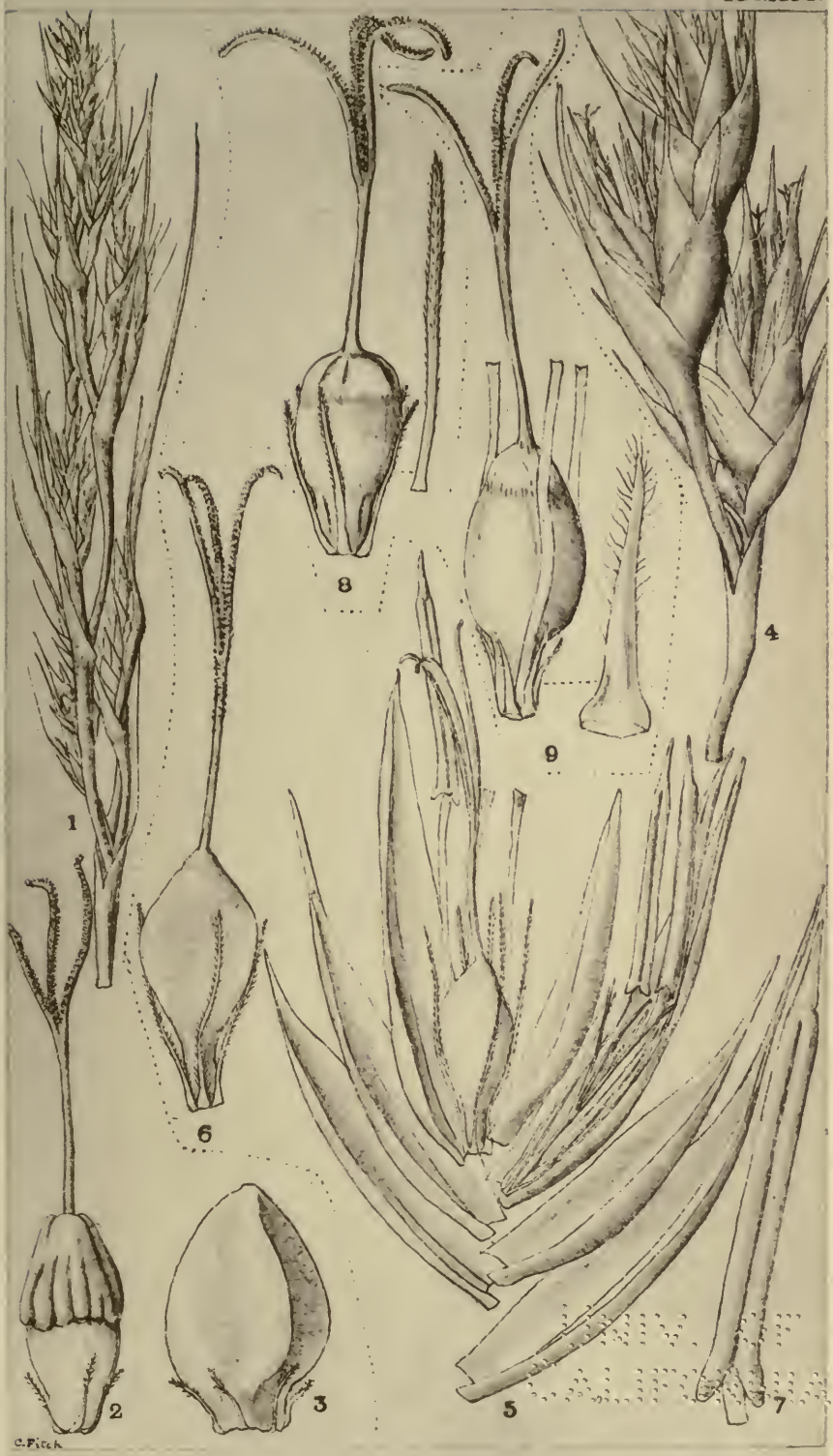
1. Tetraria circinalis, C. B. Clarke. — Planta, Magn. nat. (Burchell n. 7981).
2. ,, ,, ,, Spicula dissecta, 10 diam. ampl.
3. Tetraria fimbriolata, C. B. Clarke. — Caulis apex, Magn. nat. (Zeyher n. 4429).
4. ,, ,, ,, Spicula dissecta, 10 diam. ampl.
5. Tetraria sylvatica, C. B. Clarke. — Nux, matura, 8 diam. ampl.
6. ,, ,, ,, Nux, immatura, a facie posticâ visa, 8 diam. ampl.
7. Tetraria robusta, C. B. Clarke. — Paniculae fragmentum, Magn. nat.
8. ,, ,, ,, Nux, cum setis staminibusque, 8 diam. ampl.
9. Tetraria picta, C. B. Clarke. — Nux, non bene maturata, 8 diam. ampl.



1, 2. T. circinalis, C. B. Clarke. | 3, 4. T. fimbriolata, C. B. Clarke
5, 6. T. sylvatica, C. B. Clarke. | 7, 8. T. robusta, C. B. Clarke
9. T. picta, C. B. Clarke.

Tab. XCI.

1. Tetraria secans, C. B. Clarke. — Paniculae pars superior, Magn. nat. (Burchell n. 5712).
2. ,, ,, ,, Pistillum junius, 15 diam. ampl.
3. ,, ,, ,, Nux, 7 diam. ampl.
4. Tetraria thermalis, C. B. Clarke. — Paniculae fragmentum, Magn. nat. (Bolus n. 4717).
5. ,, ,, ,, Spicula dissecta, 6 diam. ampl.
6. ,, ,, ,, Nux, cum setis, 6 diam. ampl. (Burchell n. 6957).
7. ,, ,, ,, Anthera junior, 12 diam. ampl. (Drège n. 3965).
8. Tetraria eximia, C. B. Clarke. — Pistillum junius, 6 diam. ampl. (J. D. Hooker n. 315).
9. Tetraria Rottboellii, C. B. Clarke. — Nux, cum setis, 8 diam. ampl.; setâ unicâ, 25 diam. ampl. (Burchell n. 356).



1-3. T. secans, C. B. Clarke.
8. T. eximia, C. B. Clarke.

4-7. T. thermalis, C. B. Clarke.
9. T. Rottboellii, C. B. Clarke.

Tab. XCII.

1. Tetraria compar, Lestib. — Planta, Magn. nat. (Bolus n. 4642).
2. „ „ „ Spicula dissecta, 10 diam. ampl.
3. Tetraria Thuarii, Beauv. — Paniculae pars superior, Magn. nat.
4. „ „ „ Spicula dissecta, 10 diam. ampl.

1, 2. T. compar, Lestib.
3, 4. T. Thuarii, Beauv.

Tab. XCIII.

1. Tetraria punctoria, C. B. Clarke. — Culmi apex, Magn. nat. (Burchell n. 7892).
2. ,, ,, ,, Spicula junior, 8 diam. ampl.
3. ,, ,, ,, Spicula fere matura, 10 diam. ampl.
4. ,, ,, ,, Nux, cum setis, 10 diam. ampl.
5. Tetraria MacOwani, C. B. Clarke. — Panicula, Magn. nat. (MacOwan n. 1864).
6. ,, ,, ,, Spicula junior, 8 diam. ampl.
7. ,, ,, ,, Spicula dissecta, 10 diam. ampl.
8. ,, ,, ,, Nux, cum setis, 10 diam. ampl.

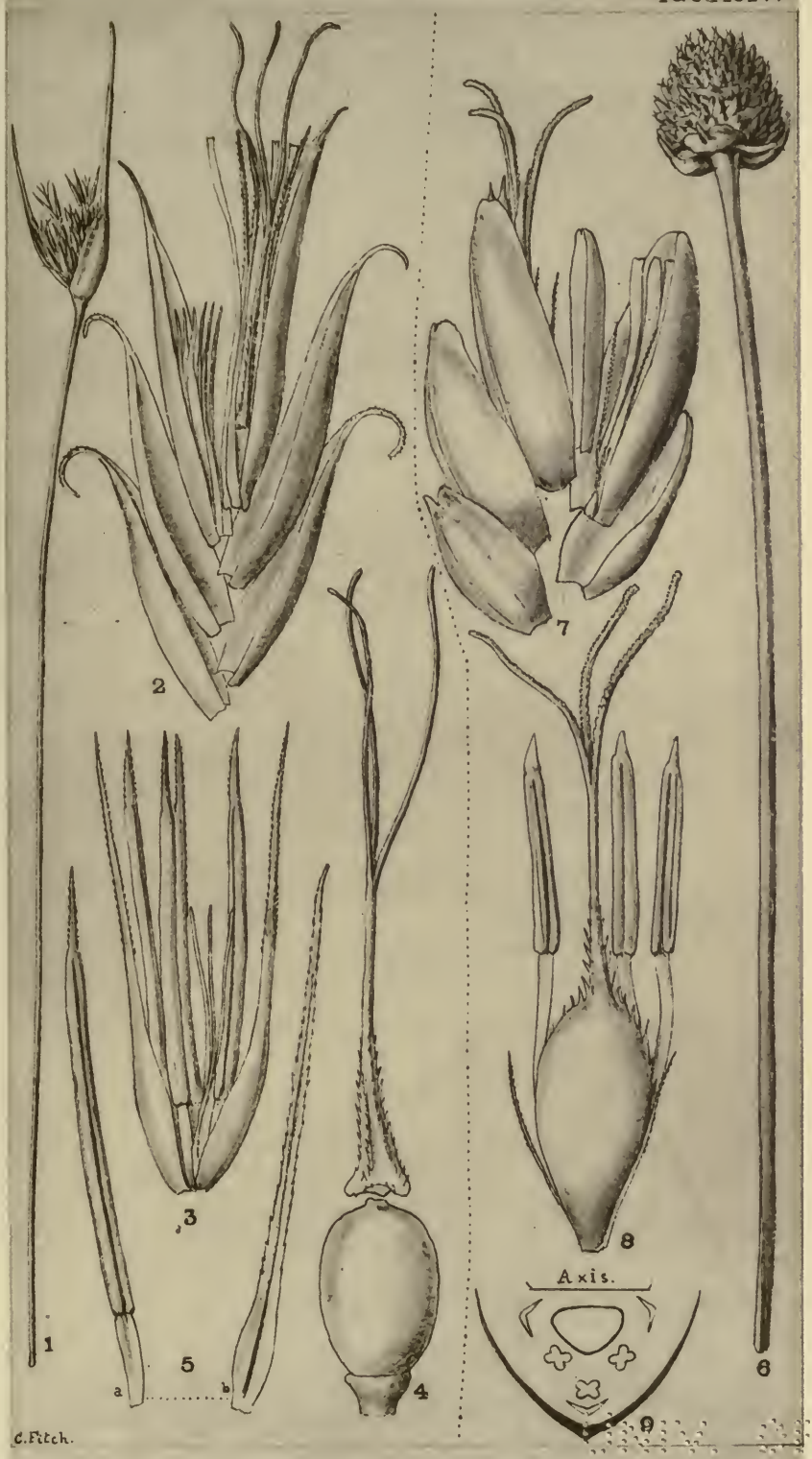
1–4. T. punctoria, C. B. Clarke.
5–8. T. Mac Owani, C. B. Clarke.

Tab. XOIV.

1.	Mesomelaena stygia, Nees.	— Culmi pars superior, Magn. nat. (Oldfieldii exemplum).
2.	,, ,, ,,	Spicula, 15 diam. ampl.
3.	,, ,, ,,	Spicula, flos inferior, 20 diam. ampl; ovarium imperfectum sterile; sepala (an verticelli exterioris stamina sterilia) 3 basi dilatata; stamina 3 perfecta.
4.	,, ,, ,,	Nux, 20 diam. ampl.
5.	,, ,, ,,	*a* = Stamen, *b* = Sepalum, 24 diam. ampl.
6.	Gymnoschoenus adustus, Nees.	— Culmi pars superior, Magn. nat. (Gunn n. 952).
7.	,, ,, ,,	Spicula dissecta, 15 diam. ampl.
8.	,, ,, ,,	Nux, cum setis, 15 diam. ampl.
9.	,, ,, ,,	Floris diagramma.

MESOMELAENA.
GYMNOSCHOENUS.

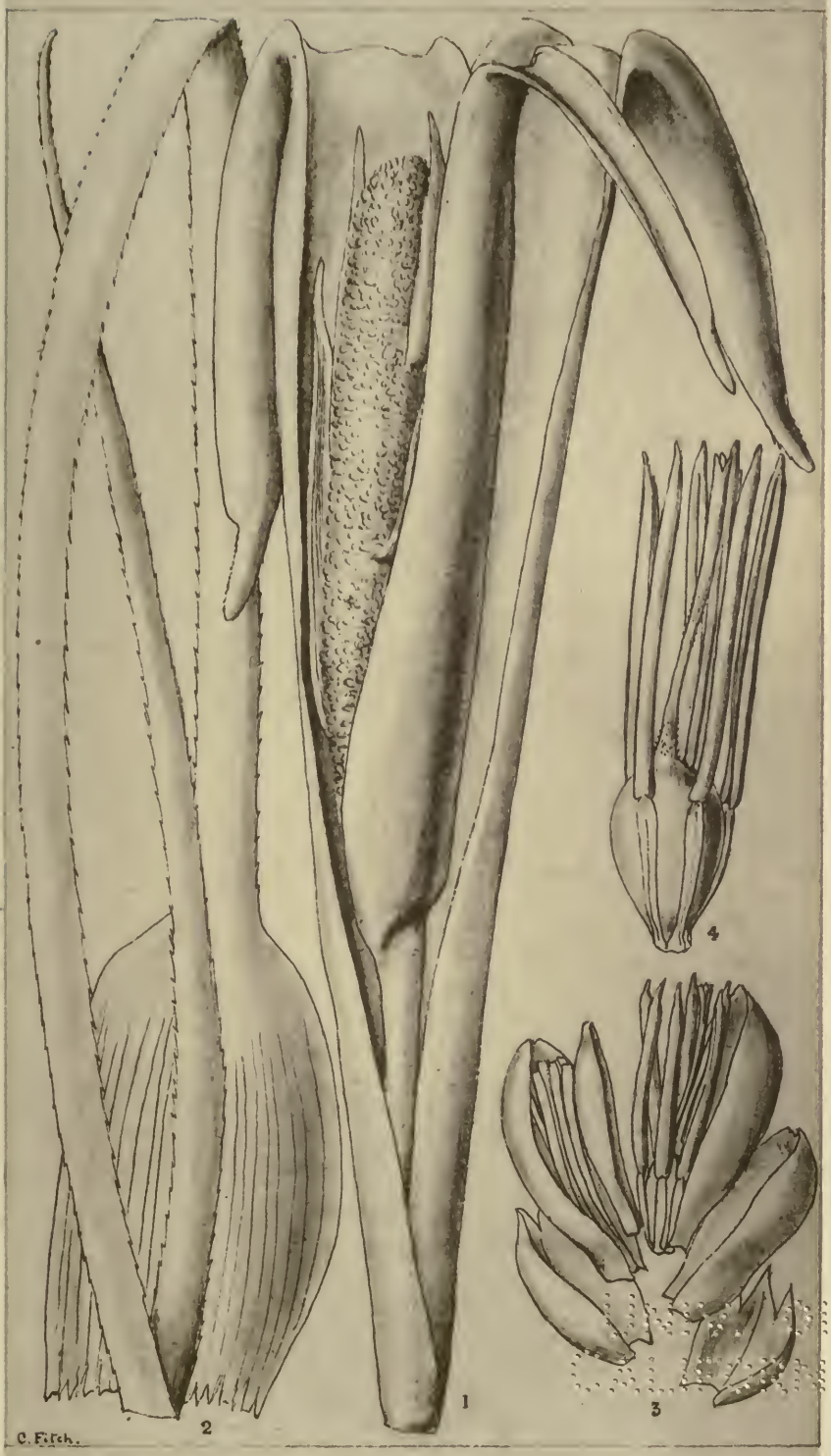
Tab. XCIV.



1 - 5. M. stygia, Nees.
6 - 9. G. adustus, Nees.

Tab. XCV.

1. Reedia spathacea, F. Muell. — Culmi pars superior, Magn. nat.
2. ,, ,, ,, Folium, Magn. Nat.
3. ,, ,, ,, Spicula dissecta, 10 diam. ampl.
4. ,, ,, ,, Flos (nuce fere maturâ), 15 diam. ampl.

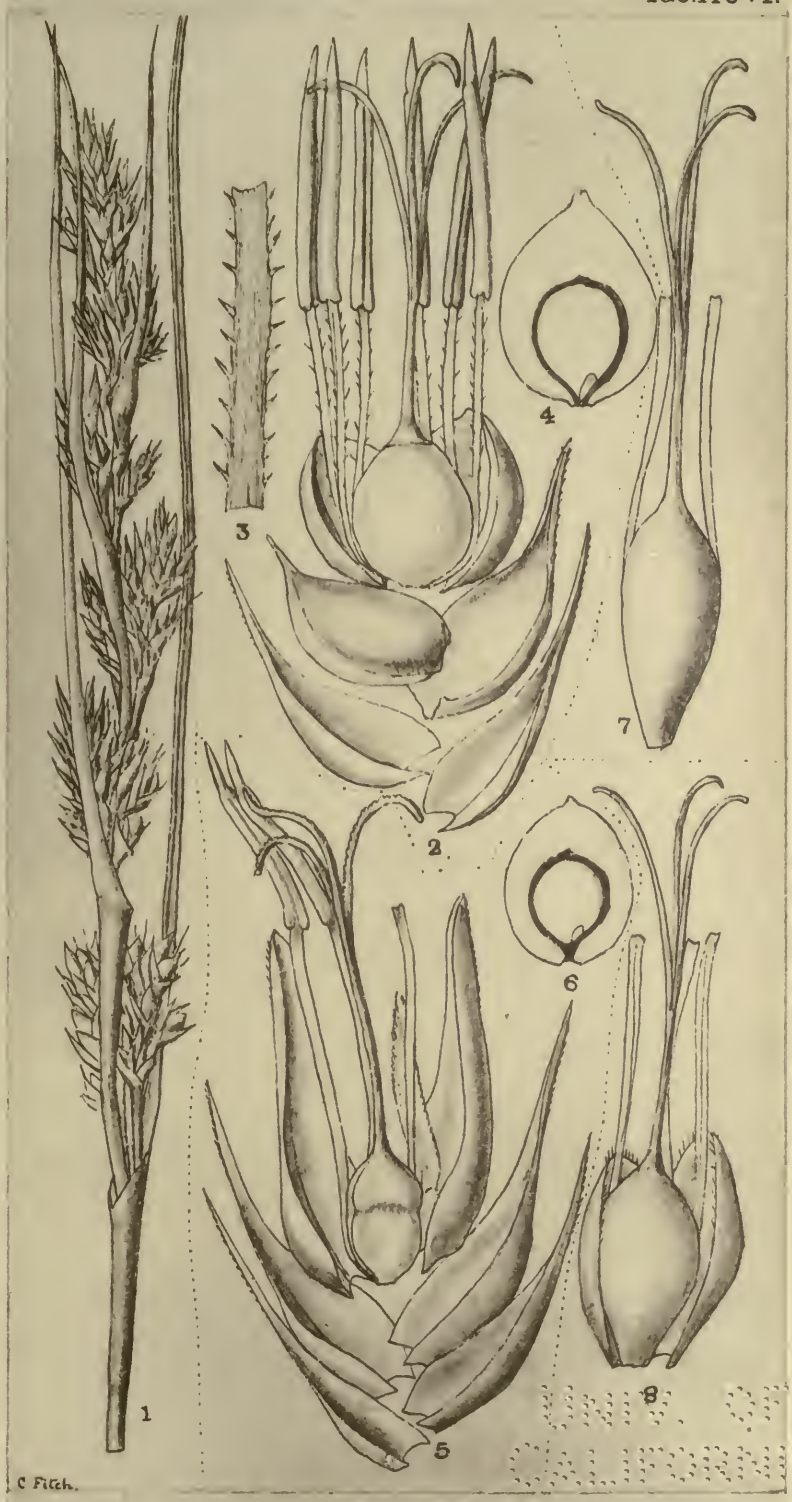


1–4. R. spathacea, F. Muell.

Tab. XCVI.

1. Gahnia aspera, Spreng. — Panicula, Magn. nat. (R. Brown n. 6061).
2. ,, ,, ,, Spicula dissecta, 10 diam. ampl.
3. ,, ,, ,, Filamenti pars, 40 diam. ampl.
4. ,, ,, ,, Nucis sectio verticalis, 10 diam. ampl.
5. Gahnia Gaudichaudii, Steud. — Spicula dissecta, 10 diam. ampl.
6. ,, ,, ,, Nucis sectio verticalis, 8 diam. ampl.
7. Gahnia Javanica, Moritzi. — Nux, 10 diam. ampl.
8. Gahnia Radula, Benth. — Nux, cum 2 glumis summis, 12 diam. ampl.

GAHNIA. Tab. XCVI.



1-4. G. aspera, Spreng. | 5, 6. G. Gaudichaudii, Steud.
7. G. Javanica, Moritzi. | 8. G. Radula, Benth.

Tab. XCVII.

1. Gahnia psittacorum, Labill. — Spiculae dissectae glumae 4 summae, 15 diam. ampl. (R. Brown n. 6058).
2. ,, ,, ,, Nucis sectio verticalis, semine amoto, 10 diam. ampl.
3. Gahnia melanocarpa, R. Br. — Spicula, flore jam expanso, 12 diam. ampl. (F. Muelleri exemplum).
4. ,, ,, ,, Eadem spicula, nuce maturatâ, 12 diam. ampl.
5. ,, ,, ,, Nucis sectio verticalis, semine amoto, 15 diam. ampl.
6. Gahnia pauciflora, T. Kirk. — Spiculae dissectae glumae 3 summae, 12 diam. ampl.
7. Gahnia tetragonocarpa, Boeck. — Spicula dissecta, 10 diam. ampl. (F. Muelleri exemplum).
8. ,, ,, ,, Pistillum junius, 20 diam. ampl.
9. ,, ,, ,, Pistillum monstrosum cum praecedente coetaneum, 20 diam. ampl.
10. ,, ,, ,, Nucis sectio verticalis, semine amoto, 15 diam. ampl.

GAHNIA. Tab. XCVII.

1, 2. G. psittacorum, Labill. | 3–5. G. melanocarpa, R. Br.
6. G. pauciflora, T. Kirk. | 7–10. G. tetragonocarpa, Boeck.

Tab. XCVIII.

1. Gahnia setifolia, Hook. *f.* — Panicula florens, Magn. nat.
2. ,, ,, ,, Spicula florens, 10 diam. ampl.
3. ,, ,, ,, Spicula florens dissecta, 15 diam. ampl.
4. ,, ,, ,, Panicula frutescens, Magn. nat.
5. ,, ,, ,, Spicula frutescens, 10 diam. ampl.
6. ,, ,, ,, Spicula frutescens dissecta, 15 diam. ampl.
7. ,, ,, ,, Nucis sectio verticalis, semine amoto, 12 diam. ampl.

1 – 7. G. setifolia, Hook. f.

Tab. XCIX.

1. Caustis dioica, R. Br. — Culmus ♂, Magn. nat. (R. Drummondii exemplum in hb. Kew).
2. ,, ,, ,, Spiculae 3 glumae summae, 10 diam. ampl.
3. ,, ,, ,, Culmus ♀, Magn. nat.
4. ,, ,, ,, Nux, 8 diam. ampl.

CAUSTIS.

Tab. XCIX.

1-4. C. dioica, R. Br.

Tab. C.

1. Caustis recurvata, Spreng. — Paniculae ♂ fragmentum, Magn. nat. (R. Brown n. 31).
2. ,, ,, ,, Nux, 8 diam. ampl.
3. ,, ,, ,, Paniculae ♀ fragmentum, Magn. nat.
4. Caustis pentandra, R. Br. — Spicula dissecta, 8 diam. ampl. (R. Brown n. 30).
5. ,, ,, ,, Pistillum cum filamentis, 15 diam. ampl.
6. Caustis flexuosa, R. Br. — Nux, 8 diam. ampl. (Sieber Agrostotheca n. 37).

CAUSTIS.

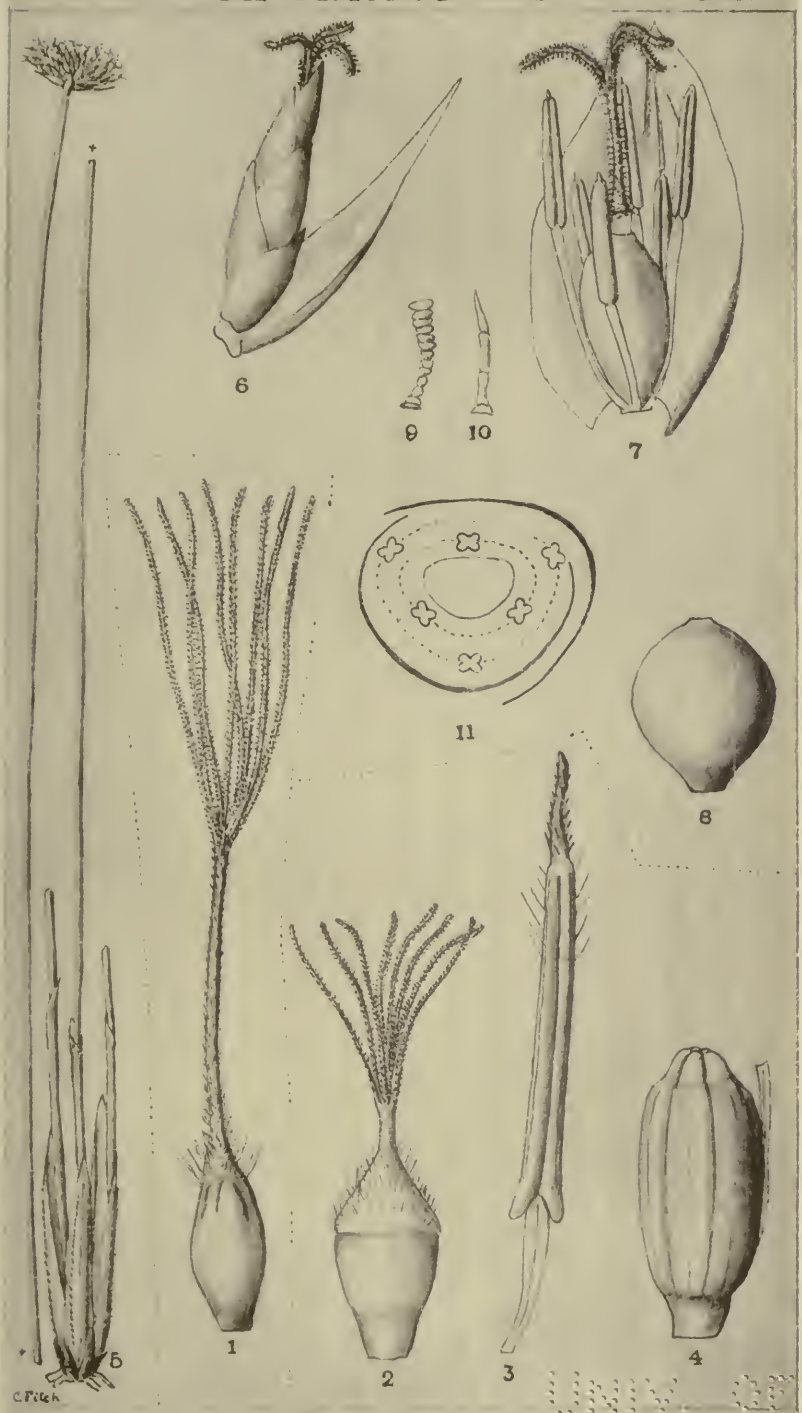
Tab. C.

1-3. C. recurvata, Spreng.
4-5. C. pentandra, R. Br.
6. C. flexuosa, R. Br.

Tab. CI.

1.	Evandra pauciflora, R. Br. —	Pistillum junius, 8 diam. ampl. (Drummondii exemplum).
2.	Evandra aristata, R. Br. —	Pistillum junius, 8 diam. ampl. (R. Brown n. 6066).
3.	,, ,, ,,	Anthera, 10 diam. ampl.
4.	,, ,, ,,	Nux, 6 diam. ampl.
5.	Arthrostylis aphylla, R. Br. —	Planta, Magn. nat. (Schultz n. 655).
6.	,, ,, ,,	Spicula, 8 diam. ampl.
7.	,, ,, ,,	Flos, in glumâ, 20 diam. ampl.
8.	,, ,, ,,	Nux, 12 diam. ampl.
9.	,, ,, ,,	Pilus, a styli parte superiore, 40 diam. ampl.
10.	,, ,, ,,	Pilus, a styli parte inferiore, 40 diam. ampl.
11.	,, ,, ,,	Floris diagramma.

EVANDRA.
ARTHROSTYLIS. Tab. CI.



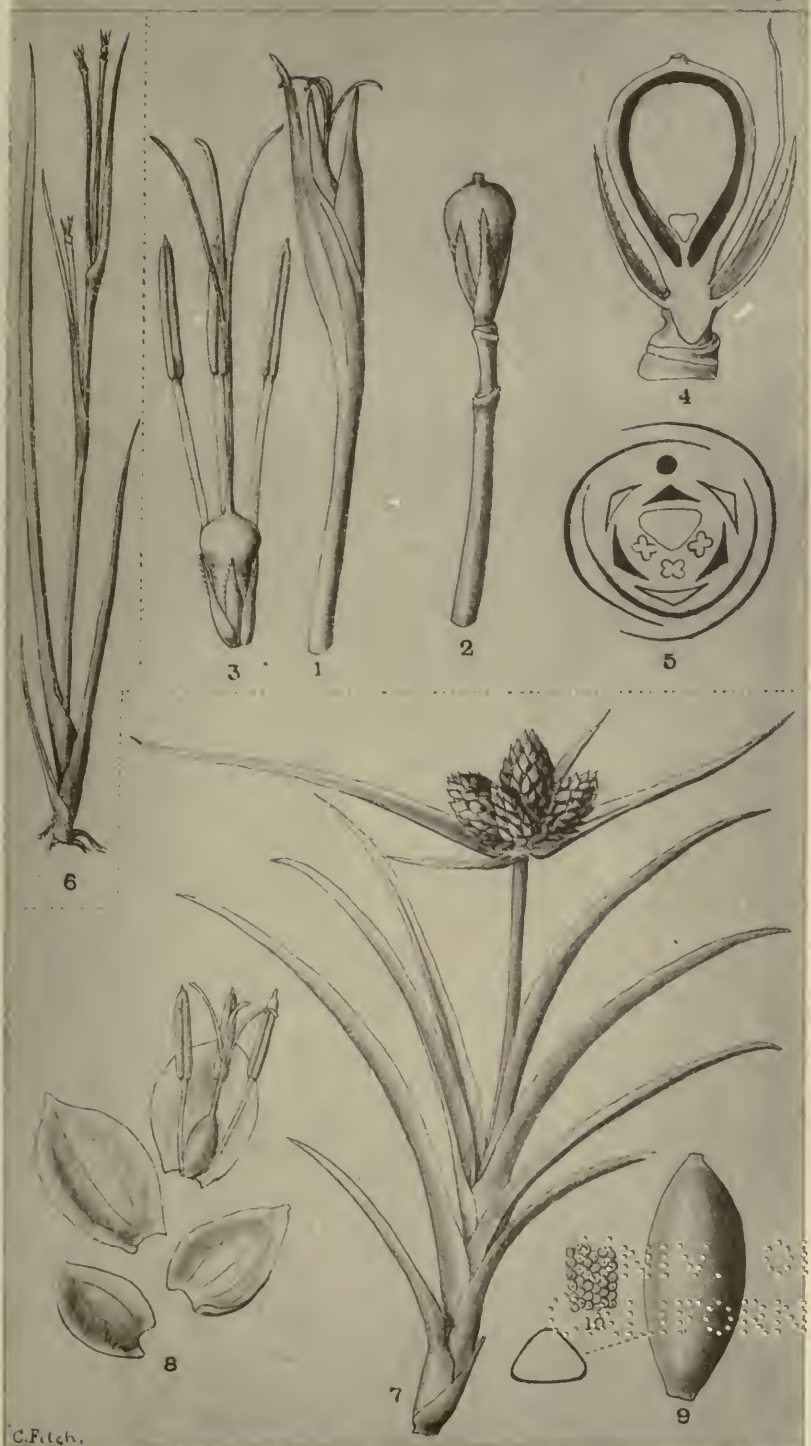
1. E. pauciflora, R. Br.
2-4. E. aristata, R. Br.
5-11. A. aphylla, R. Br.

Tab. CII.

1.	Oreobolus Pumilio, R. Br.	— Pedicelli apex, 5 diam. ampl.
2.	,, ,, ,,	Pedicelli apex, glumis delapsis, 8 diam. ampl.
3.	,, ,, ,,	Flos semi-maturus, 8 diam. ampl.
4.	,, ,, ,,	Nucis subpersistentis sectio verticalis (a B. Clarke delineata).
5.	,, ,, ,,	Floris diagramma.
6.	Oreobolus furcatus, H. Mann.	— Planta florigera, glumis delapsis, Magn. nat.
7.	Remirea maritima, Aublet.	— Planta, Magn. nat.
8.	,, ,, ,,	Spicula dissecta, 8 diam. ampl.
9.	,, ,, ,,	Nux, 12 diam. ampl.
10.	,, ,, ,,	Nucis superficies, 20 diam. ampl.

OREOBOLUS.
REMIREA.

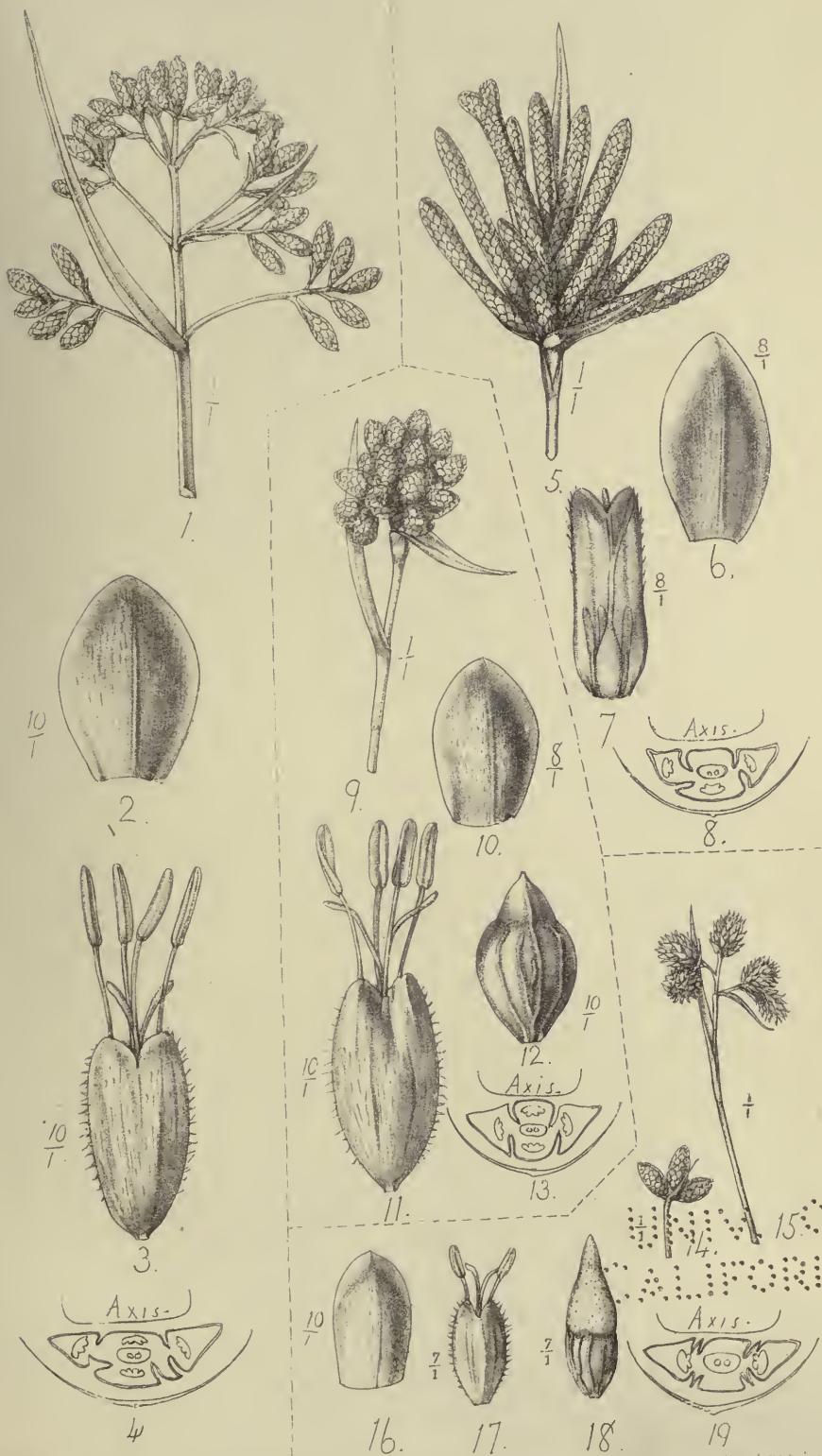
Tab CII.



1 – 5. O. Pumilio, R. Br.
6. O. furcatus, H. Mann.
7 – 10. R. maritima, Aubl.

Tab. CIII.

1.	Hypolytrum pungens, Kunth. —	Panicula, Magn. nat. (Schomburgk n. 1052).
2.	,, ,, ,,	Bractea, 10 diam. ampl.
3.	,, ,, ,,	Spicula, 10 diam. ampl.
4.	,, ,, ,,	Spiculae diagramma.
5.	,, ,, ,,	Panicula, Magn. nat. (Jenman n. 1897).
6.	,, ,, ,,	Bractea, 8 diam. ampl.
7.	,, ,, ,,	Spicula juvenilis, 8 diam. ampl.
8.	,, ,, ,,	Spiculae diagramma.
9.	,, ,, ,,	Panicula, Magn. nat. (Schomburgk n. 927).
10.	,, ,, ,,	Bractea, 8 diam. ampl.
11.	,, ,, ,,	Spicula, 10 diam. ampl.
12.	,, ,, ,,	Nux (non bene maturata), 10 diam. ampl.
13.	,, ,, ,,	Spiculae diagramma.
14.	Hypolytrum strictum, Kunth. —	Inflorescentia (tota) florescens, Magn. nat. (Spruce n. 2933).
15.	,, ,, ,,	Inflorescentia (tota) fructificans, Magn. nat. (Spruce n. 2933).
16.	,, ,, ,,	Bractea, 10 diam. ampl.
17.	,, ,, ,,	Spicula, 7 diam. ampl.
18.	,, ,, ,,	Nux, 7 diam. ampl.
19.	,, ,, ,,	Spiculae diagramma.



C.H.Fitch lith. Hanhart imp.

1-13. H. pungens, Kunth.
14-19. H. strictum, Kunth.

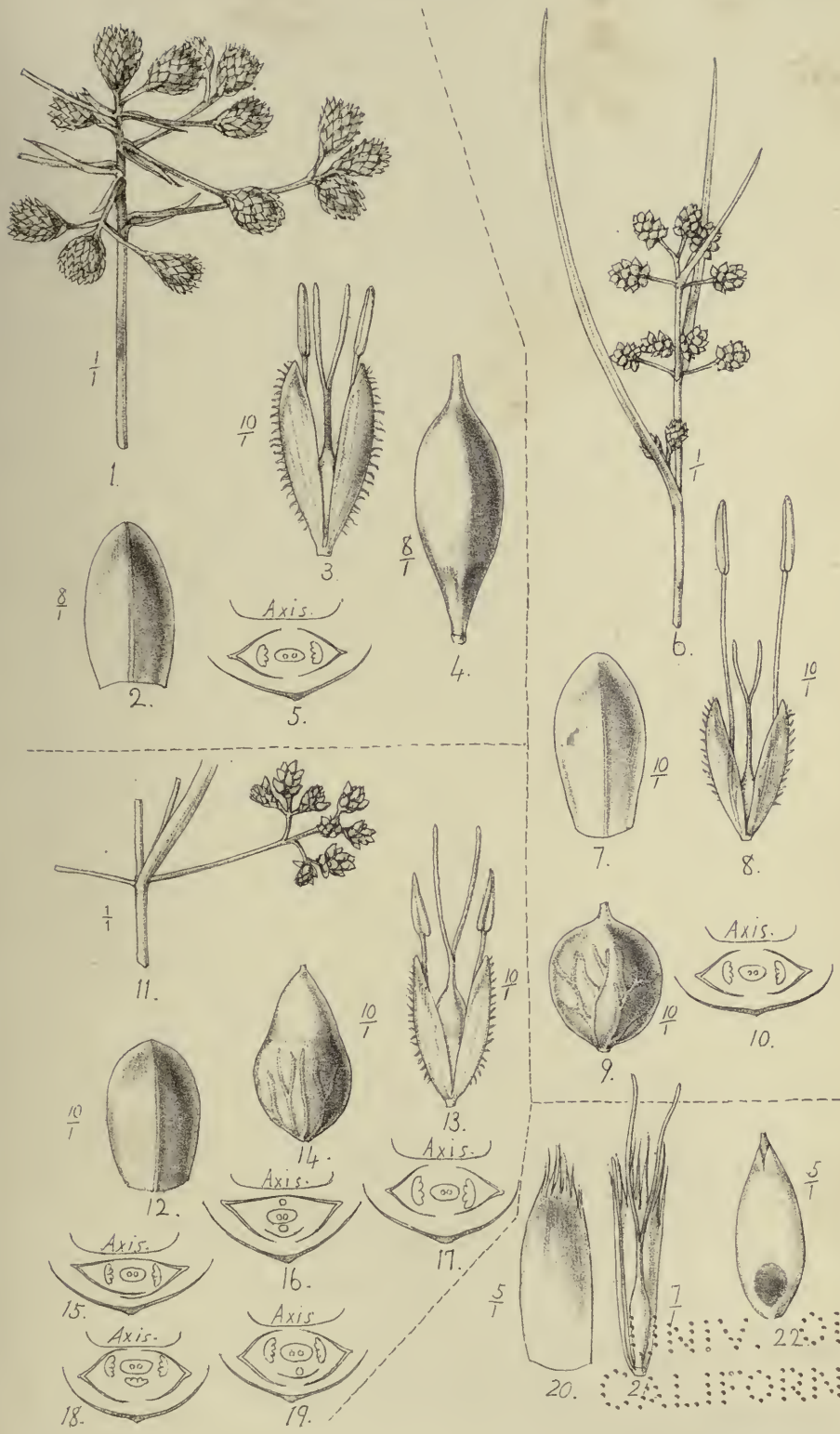
Tab. CIV.

1. Hypolytrum proliferum, Boeck. — Panicula, Magn. nat. (Beccari n. 3875).
2. ,, ,, ,, Bractea, 10 diam. ampl.
3. ,, ,, ,, Spicula, 10 diam. ampl.
4. ,, ,, ,, Nux, 10 diam. ampl.
5. ,, ,, ,, Spiculae diagramma.
6. Hypolytrum Vitiense. — Paniculae fragmentum, Magn. nat. (Seemann n. 666).
7. ,, ,, Bractea, 8 diam. ampl.
8. ,, ,, Spicula, 8 diam. ampl.
9. ,, ,, Nux, 10 diam. ampl.
10. ,, ,, Spiculae diagramma.
11. Hypolytrum Africanum, Nees. — Plantae inferior pars, Magn. nat. (Quintas n. 127).
12. ,, ,, ,, Panicula, Magn. nat.
13. ,, ,, ,, Bractea, 10 diam. ampl.
14. ,, ,, ,, Spicula, 12 diam. ampl.
15 ,, ,, ,, Spiculae diagramma.

1-5. H. proliferum, Boeck. 6-10. H. vitiense.
11-15. H. africanum Nees.

Tab. CV.

1. Hypolytrum nudum. — Panicula, Magn. nat. (Appun n. 599).
2. ,, ,, Bractea, 8 diam. ampl.
3. ,, ,, Spicula, 10 diam. ampl.
4. ,, ,, Nux, 8 diam. ampl.
5. ,, ,, Spiculae diagramma.
6. Hypolytrum sphaerostachyum. Boeck.— Inflorescentia (tota), Magn. nat. (Spruce n. 505).
7. ,, ,, ,, Bractea, 10 diam. ampl.
8. ,, ,, ,, Spicula, 10 diam. ampl.
9. ,, ,, ,, Nux. 10 diam. ampl.
10. ,, ,, ,, Spiculae diagramma.
11. Hypolytrum supervacuum. — Paniculae fragmentum, Magn. nat. (Spruce n. 475).
12. ,, ,, Bractea, 10 diam. ampl.
13. ,, ,, Spicula, 10 diam. ampl.
14. ,, ,, Nux, 10 diam. ampl.
15–19. ,, ,, Spicularum (omnium in Spruce n. 475 sustentarum) diagrammata.
20. Hypolytrum condensatum — Bractea, 5 diam. ampl. (Spruce n. 3833).
21. ,, ,, Spicula, 7 diam. ampl.
22. ,, ,, Nux, 5 diam. ampl.

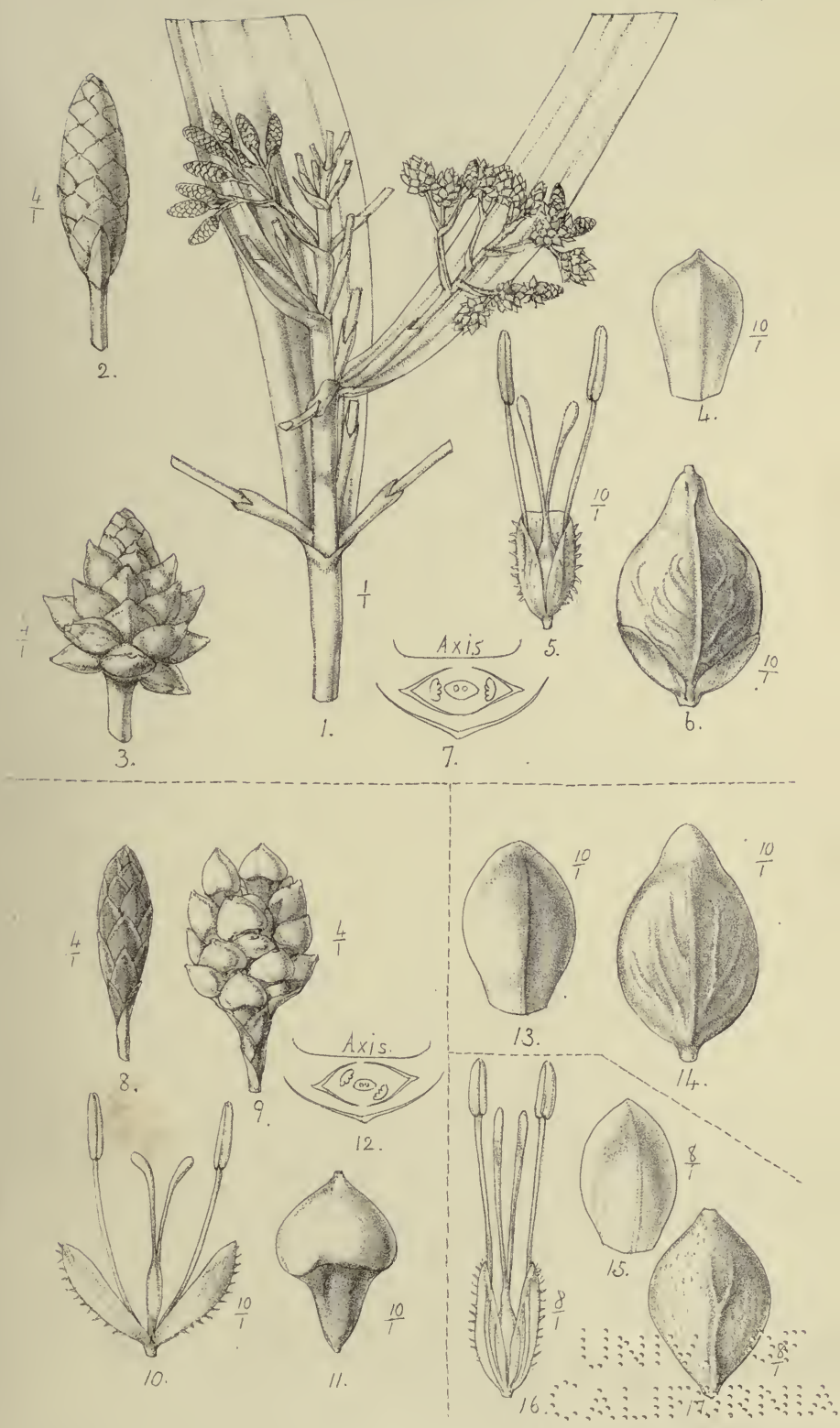


C.H.Fitch lith. Hanhart imp.

1-5. H. nudum. 6-10. H. sphaerostachyum, Boeck.
11-19. H. supervacuum. 20-22. H. condensatum.

Tab. CVI.

1.	Hypolytrum latifolium, L. C. Rich. —	Paniculae pars, Magn. nat., ramo altero florescente, altero fructificante (Walker n. 240).
2.	,, ,, ,,	Spica florescens, 4 diam. ampl., antheris (reverâ extrusis) omissis.
3.	,, ,, ,,	Spica fructificans, 4 diam. ampl.
4.	,, ,, ,,	Bractea, 10 diam. ampl.
5.	,, ,, ,,	Spicula, postice visa, 10 diam. ampl.
6.	,, ,, ,,	Nux, 10 diam. ampl.
7.	,, ,, ,,	Spiculae diagramma.
8.	,, ,, ,,	Spica florescens, 4 diam. ampl., antheris stigmatibusque omissis (exempla sterilia in Sylhet a J. D. Hooker lecta).
9.	,, ,, ,,	Spica fructificans, 4 diam. ampl.
10.	,, ,, ,,	Spicula florescens, 10 diam. ampl.
11.	,, ,, ,,	Nux, 10 diam. ampl., sterilis, rostro magno.
12.	,, ,, ,,	Spiculae diagramma.
13.	Hypolytrum Wightianum, Boeck. —	Bractea, 10 diam. ampl. (Wight n. 1859).
14.	,, ,, ,,	Nux, 10 diam. ampl.
15.	Hypolytrum turgidum, C. B. Clarke.—	Bractea, 8 diam. ampl. (Thwaites n. 3).
16.	,, ,, ,,	Spicula, 8 diam. ampl.
17.	,, ,, ,,	Nux, 8 diam. ampl.



C.H.Fitch lith. Hannart imp.

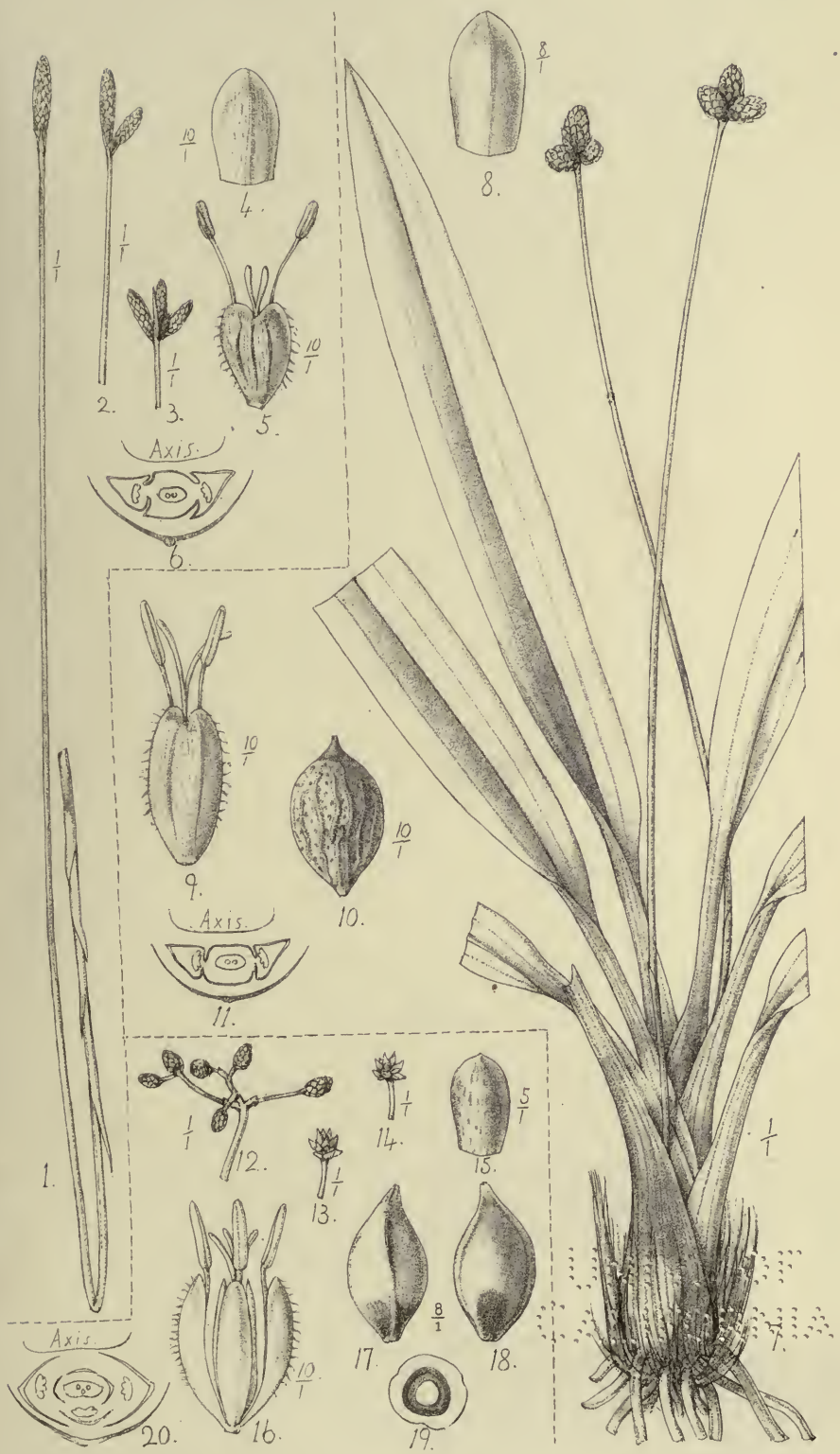
1-12. H. Catifolium, L.C.Rich. 13-14. H. wightianum, Boeck.
15-17. H. turgidum, C.B.Clarke.

Tab. CVII.

1. Hypolytrum micranthum, Boeck. — Culmus, Magn. nat. (Spruce n. 1793).
2, 3. ,, ,, ,, Inflorescentiae, Magn. nat., ex eodem rhizomate (Spruce n. 1793).
4. ,, ,, ,, Bractea, 10 diam. ampl.
5. ,, ,, ,, Spicula, 10 diam. ampl.
6. ,, ,, ,, Spiculae diagramma.
7. Hypolytrum Jenmani. — Planta, Magn. nat. (Jenman n. 1944).
8. ,, ,, Bractea, 8 diam. ampl.
9. ,, ,, Spicula, 10 diam. ampl.
10. ,, ,, Nux, 10 diam. ampl.
11. ,, ,, Spiculae diagramma.
12. Thoracostachyum Bancanum, Kurz.—Paniculae florescentis fragmentum, Magn. nat. (Griffith n. 6273).
13. ,, ,, ,, Spica fructificans, Magn. nat. (Griffith n. 6273).
14. ,, ,, ,, Spica fructificans, Magn. nat. (Motley n. 193).
15. ,, ,, ,, Bractea, 5 diam. ampl. (Griffith n. 6273).
16. ,, ,, ,, Spicula, 10 diam. ampl. (Griffith n. 6273).
17. ,, ,, ,, Nux, antice visa, 8 diam. ampl. (Motley n. 193).
18. ,, ,, ,, Nux, postice visa, 8 diam. ampl. (Motley n. 193).
19. ,, ,, ,, Nucis sectio horizontalis, 18 diam. ampl. (Griffith n. 6273).
20. ,, ,, ,, Spiculae diagramma.

HYPOLYTRUM.
THORACOSTACHYUM.

Tab. CVII.



C.H.Fitch lith. Hanhart imp.

1-6. H. micranthum, Boeck. 7-11. H. Jenmani.
12-20. T. bancanum, Kurz.

Tab. CVIII.

1. Thoracostachyum floribundum, Dur. et Schinz.—Paniculae fragmentum, Magn. nat. (Gordon n. 213).
2. ,, ,, ,, Bractea, 10 diam. ampl.
3. ,, ,, ,, Spicula (antheris delapsis), 10 diam. ampl.
4. ,, ,, ,, Nux, 8 diam. ampl.
5. ,, ,, ,, Nucis sectio horizontalis, 8 diam. ampl.
6. ,, ,, ,, Spiculae diagramma.
7. Thoracostachyum hypolytroides, C. B. Clarke.—Paniculae radius unicus, Magn. nat. (Dallachyi exemplum).
8. ,, ,, ,, Bractea, 8 diam. ampl.
9. ,, ,, ,, Spicula explicata, 8 diam. ampl.
10. ,, ,, ,, Spiculae diagramma.
11. Mapania Africana, Boeck. — Plantae pars inferior, Magn. nat. (Mann n. 1873).
12. ,, ,, ,, Culmus, Magn. nat.
13. ,, ,, ,, Bractea, 5 diam. ampl.
14. ,, ,, ,, Spicula, 5 diam. ampl.
15. ,, ,, ,, Spicula junior, bracteolis 2 exterioribus amotis, 7 diam. ampl.
16. ,, ,, ,, Nux, 10 diam. ampl.
17. ,, ,, ,, Spiculae diagramma.

THORACOSTACHYUM.
MAPANIA.

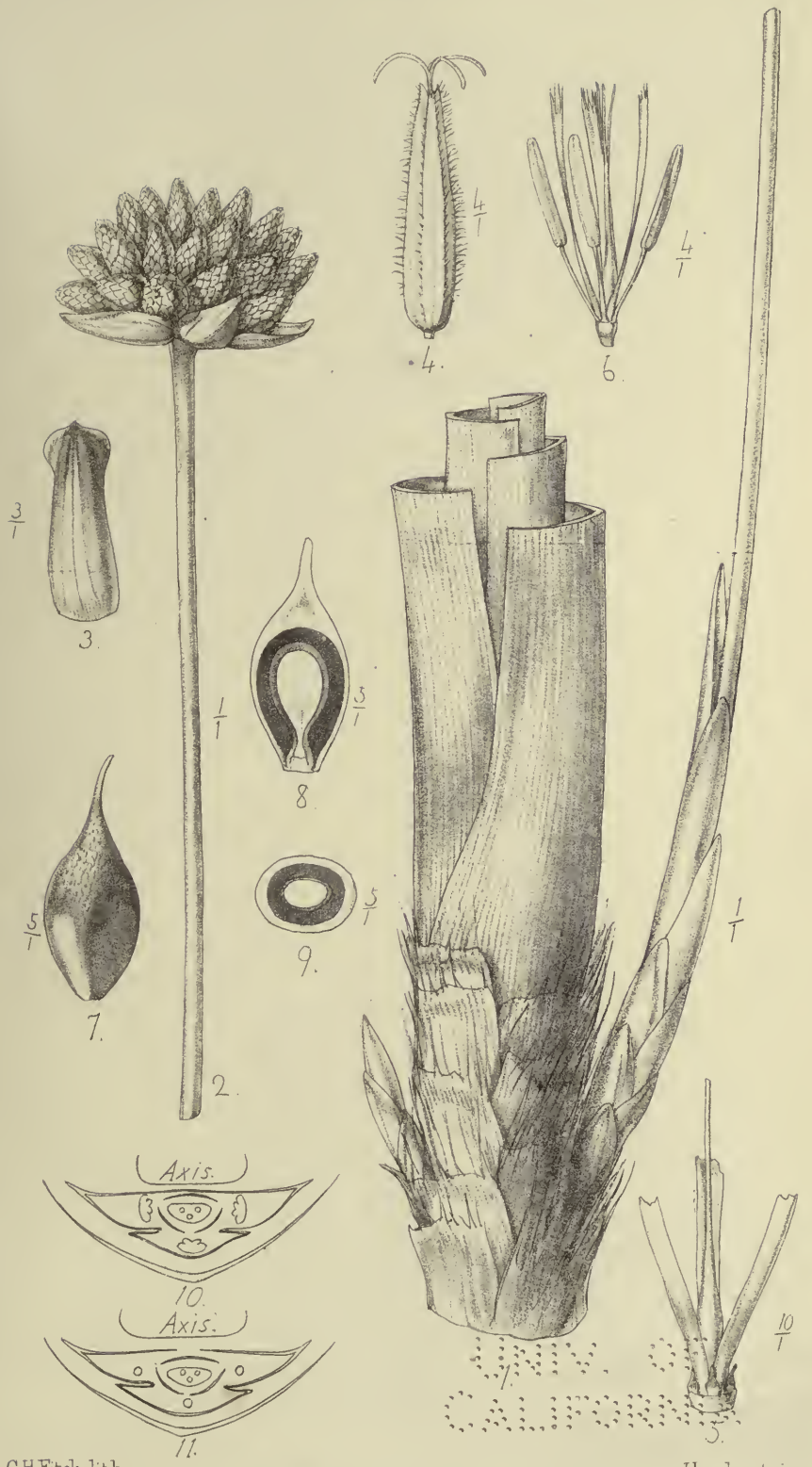
Tab. CVIII.

C.H. Fitch lith. Hanhart imp.

1-6. T. floribundum, Dur. et Schinz. 7-10. T. hypolytroides, C.B. Clarke.
11-17. M. africana, Boeck.

Tab. CIX.

1.	Mapania	palustris.	Ridley. —	Plantae pars inferior, Magn. nat. (Motley n. 1189).
2.	,,	,,	,,	Inflorescentia, Magn. nat. (Griffith n. 6355).
3.	,,	,,	,,	Bractea, 3 diam. ampl. (Griffith n. 6355).
4.	,,	,,	,,	Spicula (foeminea e mediâ parte spicae), 4 diam. ampl. (Griffith n. 6355).
5.	,,	,,	,,	Spicula eadem, bracteolis connatis amotis, 10 diam. ampl.—Extra bracteolas liberas intimas, staminum rudimenta visa sunt (Griffith n. 6355).
6.	,,	,,	,,	Spicula (bisexualis e parte superiore spicae), bracteolis connatis amotis, 4 diam. ampl. (Griffith n. 6355).
7.	,,	,,	,,	Nux, 5 diam. ampl. (Motley n. 1189).
8.	,,	,,	,,	Nucis sectio verticalis, 5 diam. ampl. (Motley n. 1189).
9.	,,	,,	,,	Nucis sectio horizontalis, 5 diam. ampl. (Motley n. 1189).
10, 11.	,,	,,	,,	Spiculae (foemineae et bisexualis) diagramma (Griffith n. 6355).

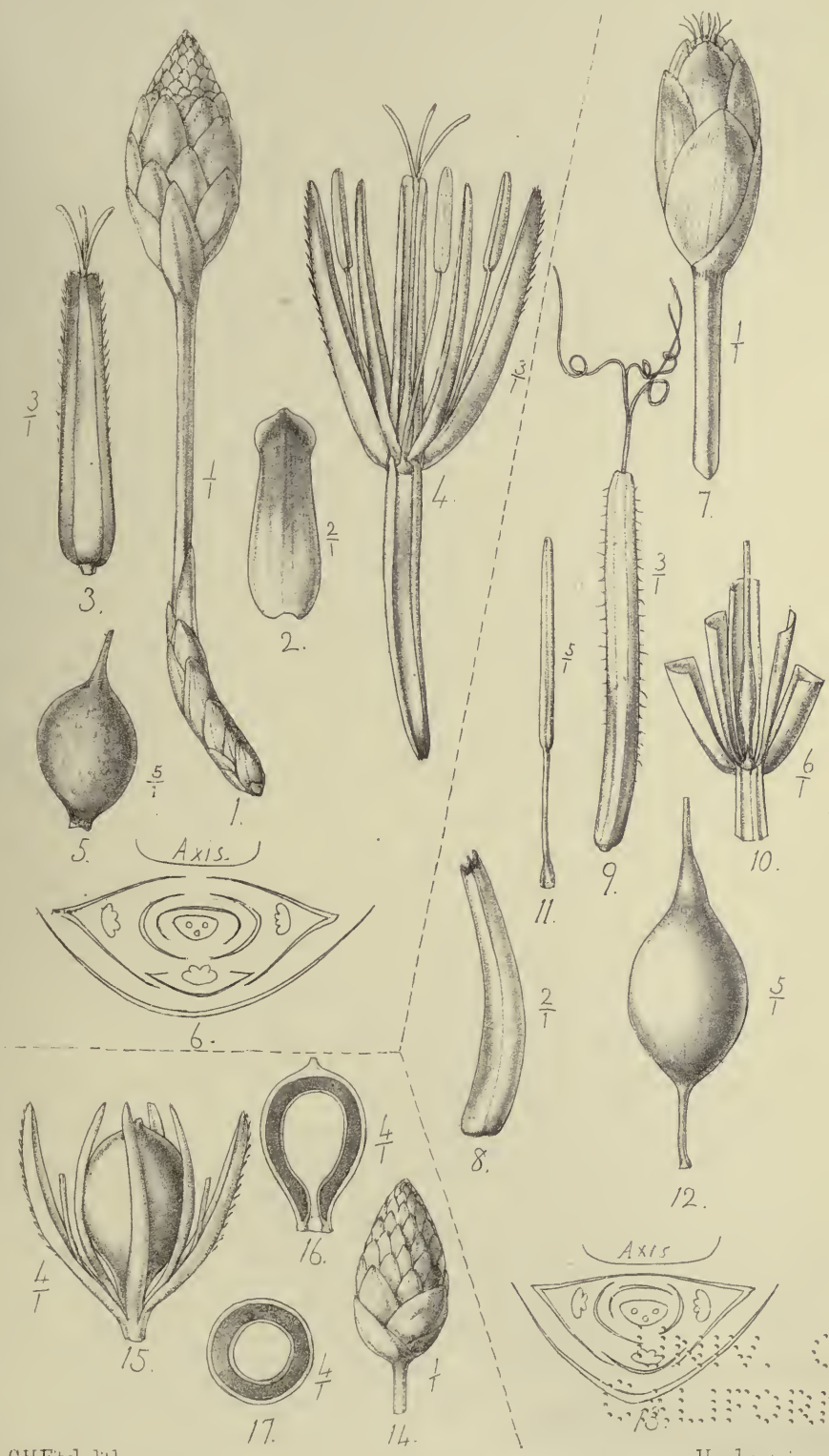


C.H.Fitch lith. Hanhart imp.

1-11. M. palustris, Ridley.

Tab. OX.

1. Mapania Wallichii, C. B. Clarke. — Culmus (scapus), Magn. nat. (Wallich n. 3541).
2. ,, ,, ,, Bractea, 2 diam. ampl.
3. ,, ,, ,, Spicula, 3 diam. ampl.
4. ,, ,, ,, Spicula explicata, 3 diam. ampl.
5. ,, ,, ,, Nux, 5 diam. ampl.
6. ,, ,, ,, Spiculae diagramma.
7. Mapania longiflora. — Spica, Magn. nat. (Motley n. 1192).
8. ,, ,, Bractea, 2 diam. ampl.
9. ,, ,, Spicula, 3 diam. ampl.
10. ,, ,, Spiculae basis explicata (ovario stipitato), 6 diam. ampl.
11. ,, ,, Stamen, 5 diam. ampl.
12. ,, ,, Nux, in gynophoro lineari sustenta, 5 diam. ampl.
13. ,, ,, Spiculae diagramma.
14. Mapania longa, Ridley. — Spica, Magn. nat. (Motley n. 1190).
15. ,, ,, ,, Spicula fructificans, paullo explicata, 4 diam. ampl.
16. ,, ,, ,, Nucis sectio verticalis, 4 diam. ampl.
17. ,, ,, ,, Nucis sectio horizontalis, 4 diam. ampl.



C.H.Fitch lith. Hanhart imp.

1-6. M. wallichii, C.B.Clarke. 7-13 M. longiflora.
14-17. M. longa., Ridley.

Tab. CXI.

1. Mapania sylvatica, Aublet. — Planta (pars), Magn. nat. (Poiteaui exemplum).
2. ,, ,, ,, Bractea, 5 diam. ampl.
3. ,, ,, ,, Spicula explicata (antheris omissis), 5 diam. ampl.
4. ,, ,, ,, Nux, 5 diam. ampl.
5. ,, ,, ,, Spiculae diagramma.

C.H.Fitch lith.

Hanhart imp.

1-6. M. sylvatica, Aublet.

Tab. CXII.

1.	Mapania oblonga, Dur. et Schinz. —	Planta (pars), Magn. nat. (Johnstoni exemplum).
2.	,, ,, ,,	Bractea, 5 diam. ampl.
3.	,, ,, ,,	Spicula, paullo explicata, 5 diam. ampl. (a, a, filamenta, antheris omissis).
4.	,, ,, ,,	Nux, 8 diam. ampl.
5.	,, ,, ,,	Spiculae diagramma.

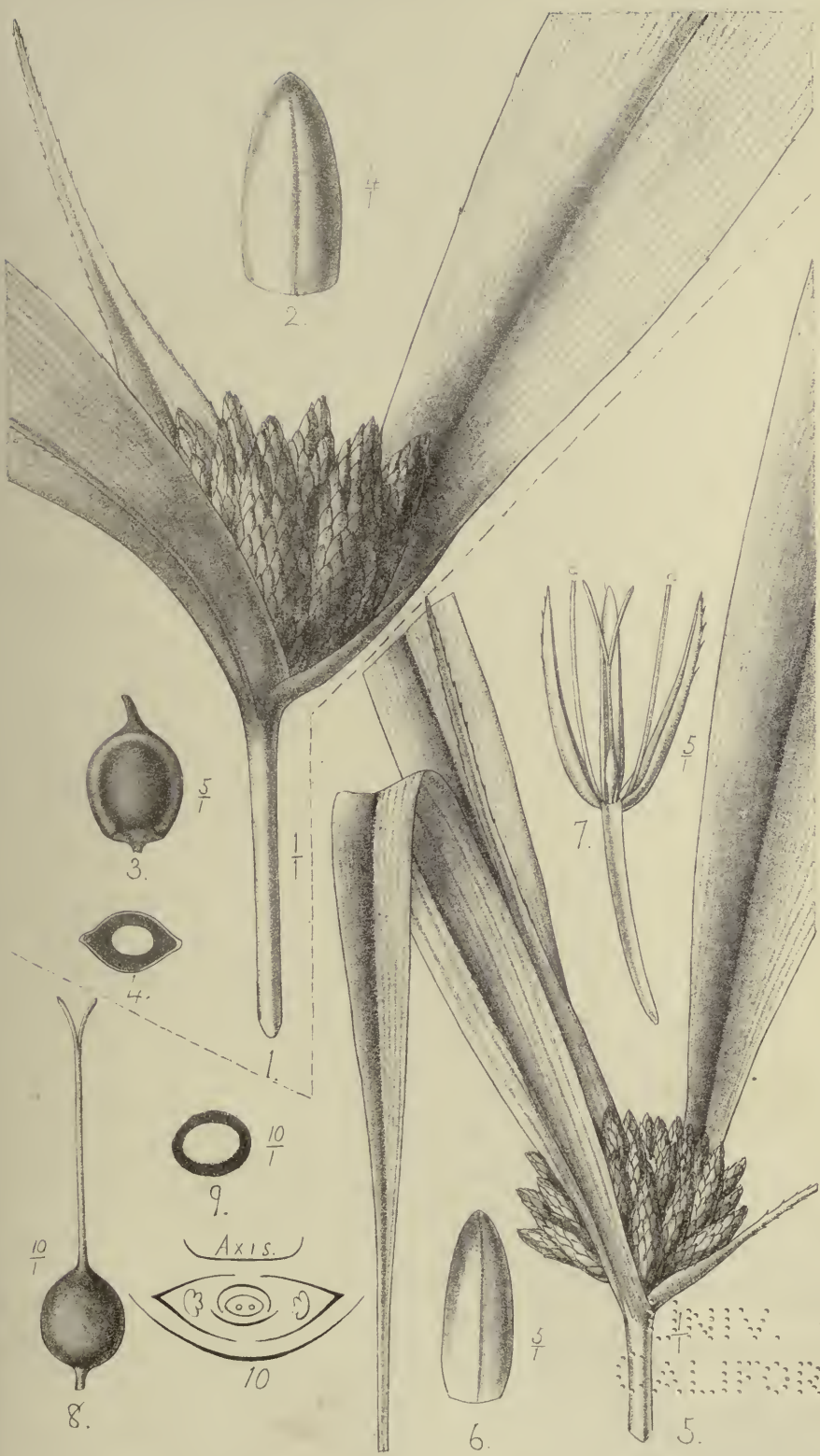
C. H. Fuss lith.

Hanhart imp.

1-5. M. oblonga, Dur. et Schinz.

Tab. CXIII.

1. Mapania Schomburgkii. — Inflorescentia, Magn. nat. (Schomburgk n. 501).
2. ,, ,, Bractea, 4 diam. ampl.
3. ,, ,, Nux, 5 diam. ampl.
4. ,, ,, Nucis sectio horizontalis, 5 diam. ampl.
5. Mapania pycnocephala, Benth. — Inflorescentia, Magn. nat. (Barclayi exemplum).
6. ,, ,, ,, Bractea, 5 diam. ampl.
7. ,, ,, ,, Spicula explicata 5 diam. ampl. (a, a, Filamenta, antheris omissis).
8. ,, ,, ,, Nux, 10 diam. ampl.
9. ,, ,, ,, Nucis sectio horizontalis, 10 diam. ampl.
10. ,, ,, ,, Spiculae diagramma.



C.H. Fitch lith.

Hanhart imp

1-4. M. Schomburgkii
5-10. M. pycnocephala, Benth.

Tab. CXIV.

1.	Mapania superba, Dur. et Schinz. —	Inflorescentia, Magn. nat. (G. Mann n. 1639).
2.	,, ,, ,,	Bractea, 5 diam. ampl.
3.	,, ,, ,,	Spicula explicata, 5 diam. ampl.
4.	,, ,, ,,	Nux, 10 diam. ampl.
5.	,, ,, ,,	Spiculae diagramma.
6.	Mapania Mannii, Dur. et Schinz. —	Inflorescentia, Magn. nat. (G. Mann n. 1642).
7.	,, ,, ,,	Bractea, 5 diam. ampl.
8.	,, ,, ,,	Spicula explicata, 5 diam. ampl.
9.	,, ,, ,,	Nux, 10 diam. ampl.
10.	,, ,, ,,	Spiculae diagramma.

C.H.Fitch del. Hanhart imp.

1-5. M. superba, Dur. et Schinz.
6-10. M. Mannii, Dur. et Schinz.

Tab. CXV.

1.	Mapania longifolia. —	Inflorescentia fructificans, Magn. nat. (Exemplum Samoense).
2.	,, ,,	Bractea, 4 diam. ampl.
3.	,, ,,	Spicula, 4 diam. ampl.
4.	,, ,,	Pistillum (flos foemineus), 4 diam. ampl.
5.	,, ,,	Nux, 4 diam. ampl.
6.	,, ,,	Nucis sectio horizontalis, 4 diam. ampl.
7.	,, ,,	Spiculae diagramma.
8.	Mapania baccifera. —	Nux (exocarpio carnoso in fructum marcido), 4 diam. ampl. (Guppy n. 111).
9.	,, ,,	Nucis sectio horizontalis, 4 diam. ampl.

C.H.Fitch lith.

Hannart imp.

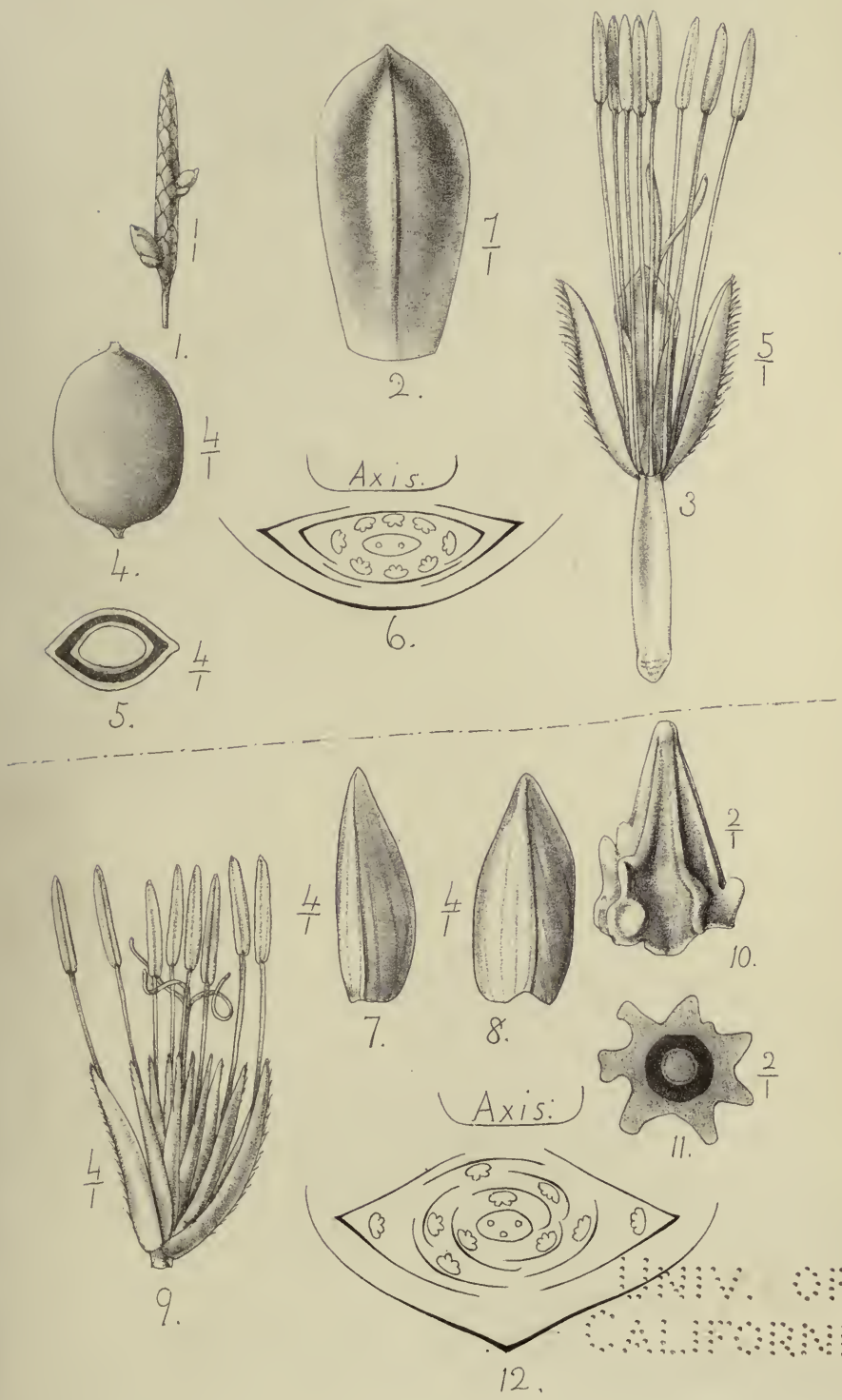
1–7. M. longifolia.
8–9. M. baccifera.

Tab. CXVI.

1.	Diplasia Karataefolia, L. C. Rich. —	Spica fructificans, Magn. nat. (Fendler n. 872).
2.	,, ,, ,,	Bractea, 7 diam. ampl.
3.	,, ,, ,,	Spicula explicata, 5 diam. ampl.
4.	,, ,, ,,	Nux, 4 diam. ampl.
5.	,, ,, ,,	Nucis sectio horizontalis, 4 diam. ampl.
6.	,, ,, ,,	Spiculae diagramma.
7, 8.	Scirpodendron costatum, Kurz. —	Bractea, 4 diam. ampl.
9.	,, ,, ,,	Spicula, paullo explicata, 4 diam. ampl.
10.	,, ,, ,,	Nux, 2 diam. ampl.
11.	,, ,, ,,	Nucis sectio horizontalis, 2 diam. ampl.
12.	,, ,, ,,	Spiculae diagramma.

DIPLASIA.
SCIRPODENDRON.

Tab CXVI.



C.H.Fitch lith. Hanhart imp.

1-6. D. Karataefolia, L.C.Rich.
7-12. S. costatum, kurz.

Tab. CXVII.

1.	Mapaniopsis	effusa. —	Inflorescentia, Magn. nat.
2.	,,	,,	Bractea, 10 diam. ampl.
3.	,,	,,	Spicula, 10 diam. ampl. (a, a, filamenta, antheris delapsis).
4.	,,	,,	Nux, 10 diam. ampl.
5, 6.	,,	,,	Spiculae diagrammata (2).

C.H.Fisch lith.

Hanhart imp.

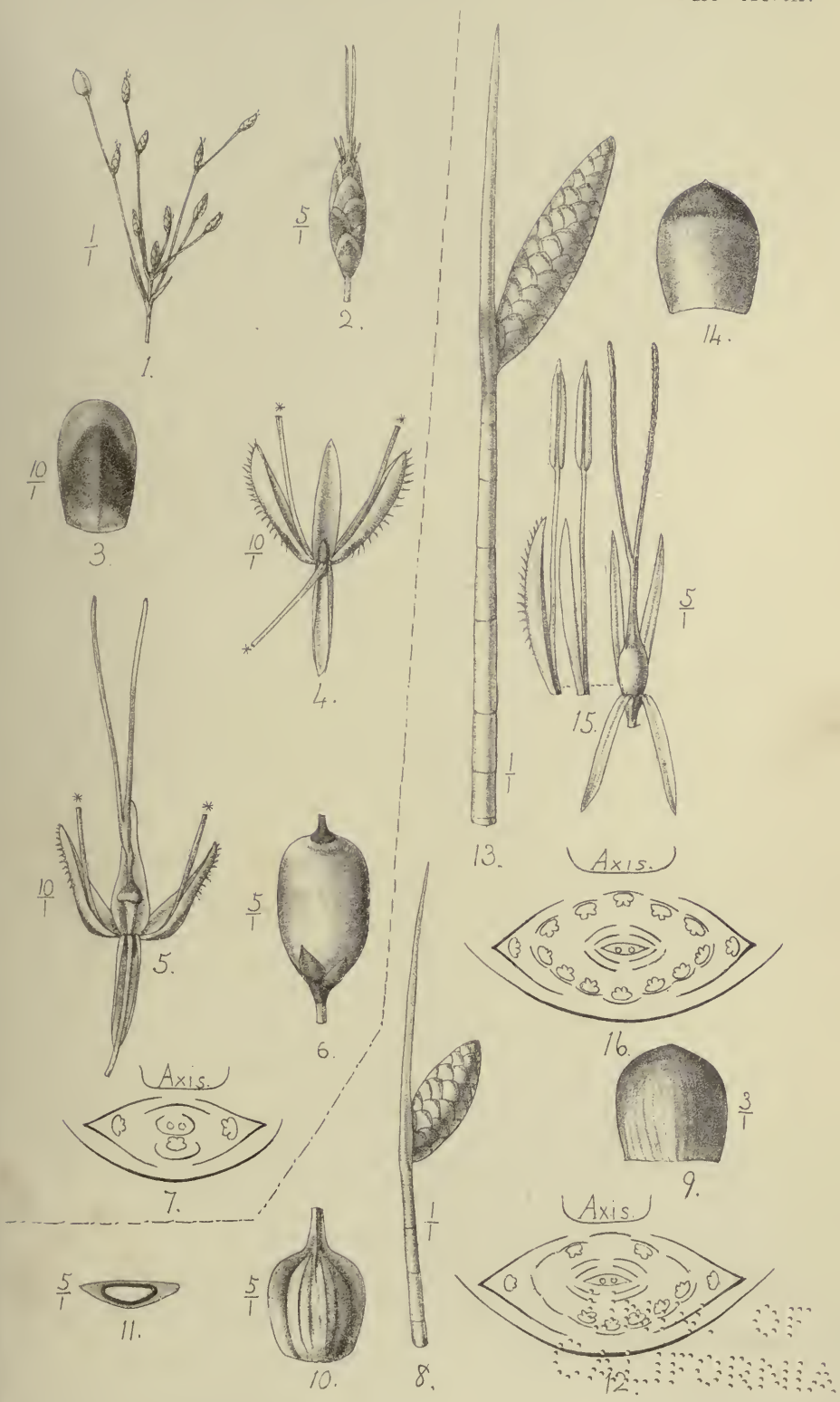
1–6. M. effusa.

Tab. CXVIII.

1. Exocarya scleroides, Benth. — Paniculae ramus, Magn. nat. (Wilcoxi exemplum).
2. ,, ,, ,, Spica, 5 diam. ampl.
3. ,, ,, ,, Bractea, 10 diam. ampl.
4. ,, ,, ,, Spicula mascula explicata, 10 diam. ampl. (⁂ Filamenta).
5. ,, ,, ,, Spicula foeminea explicata, 10 diam. ampl. (⁂ Filamenta).
6. ,, ,, ,, Nux, 5 diam. ampl.
7. ,, ,, ,, Spiculae diagramma.
8. Lepironia mucronata, L. C. Rich. — Inflorescentia, Magn. nat. (Griffith n. 6307).
9. ,, ,, ,, Bractea, 3 diam. ampl.
10. ,, ,, ,, Nux, 5 diam. ampl.
11. ,, ,, ,, Nucis sectio horizontalis, 5 diam. ampl.
12. ,, ,, ,, Spiculae diagramma.
13. ,, ,, ,, Inflorescentia, Magn. nat. (MacGillivrayi exemplum).
14. ,, ,, ,, Bractea, 3 diam. ampl.
15. ,, ,, ,, Bracteola staminifera, gluma staminifera, pistillum cum 4 glumis sterilibus, 5 diam. ampl.
16. ,, ,, ,, Spiculae diagramma.

EXOCARYA
LEPIRONIA.

Tab CXVIII.



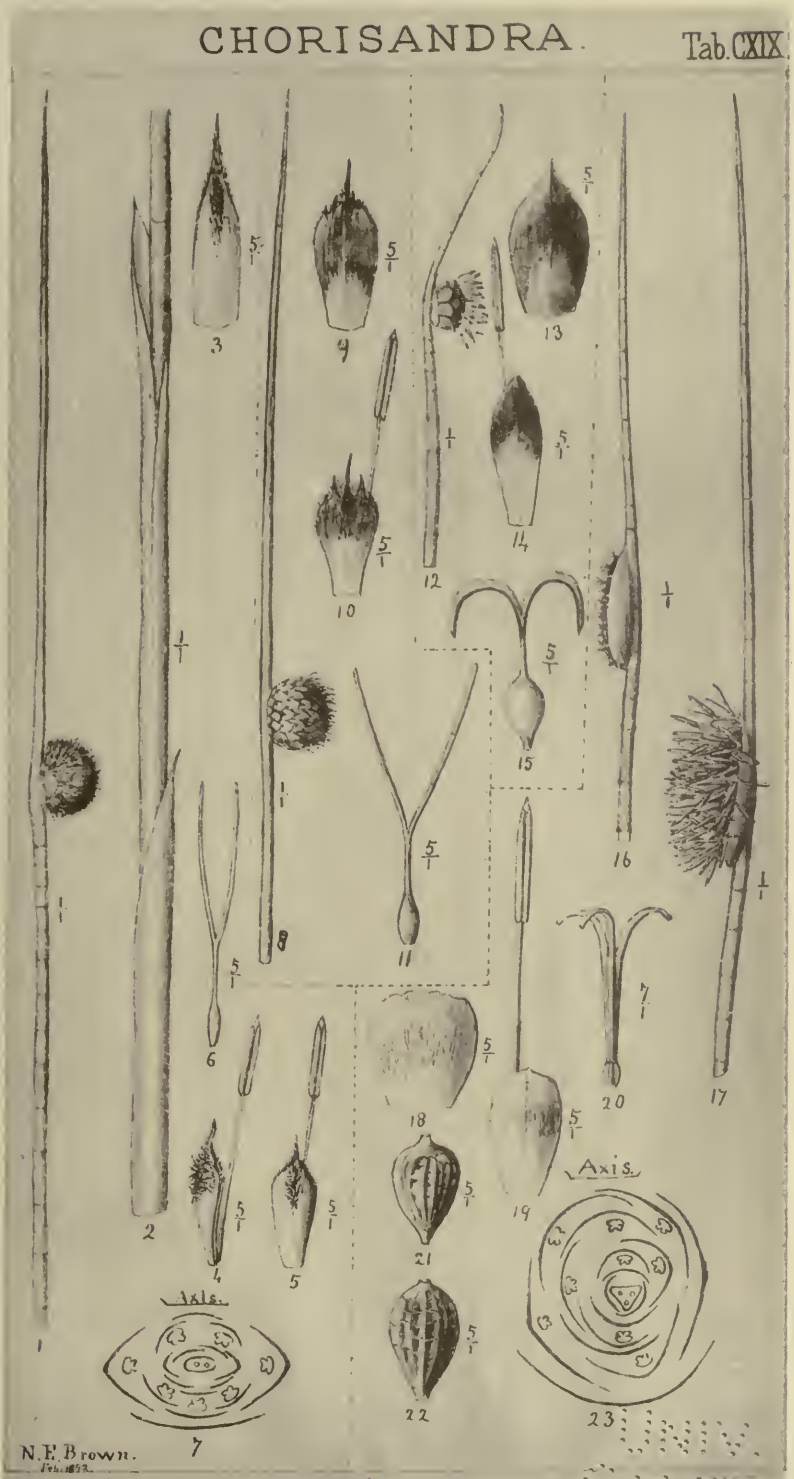
C.H.Fitch lith.

Hanhart imp.

1-7. E. sclerodes, Benth.
8-16. L. mucronata.

Tab. CXIX.

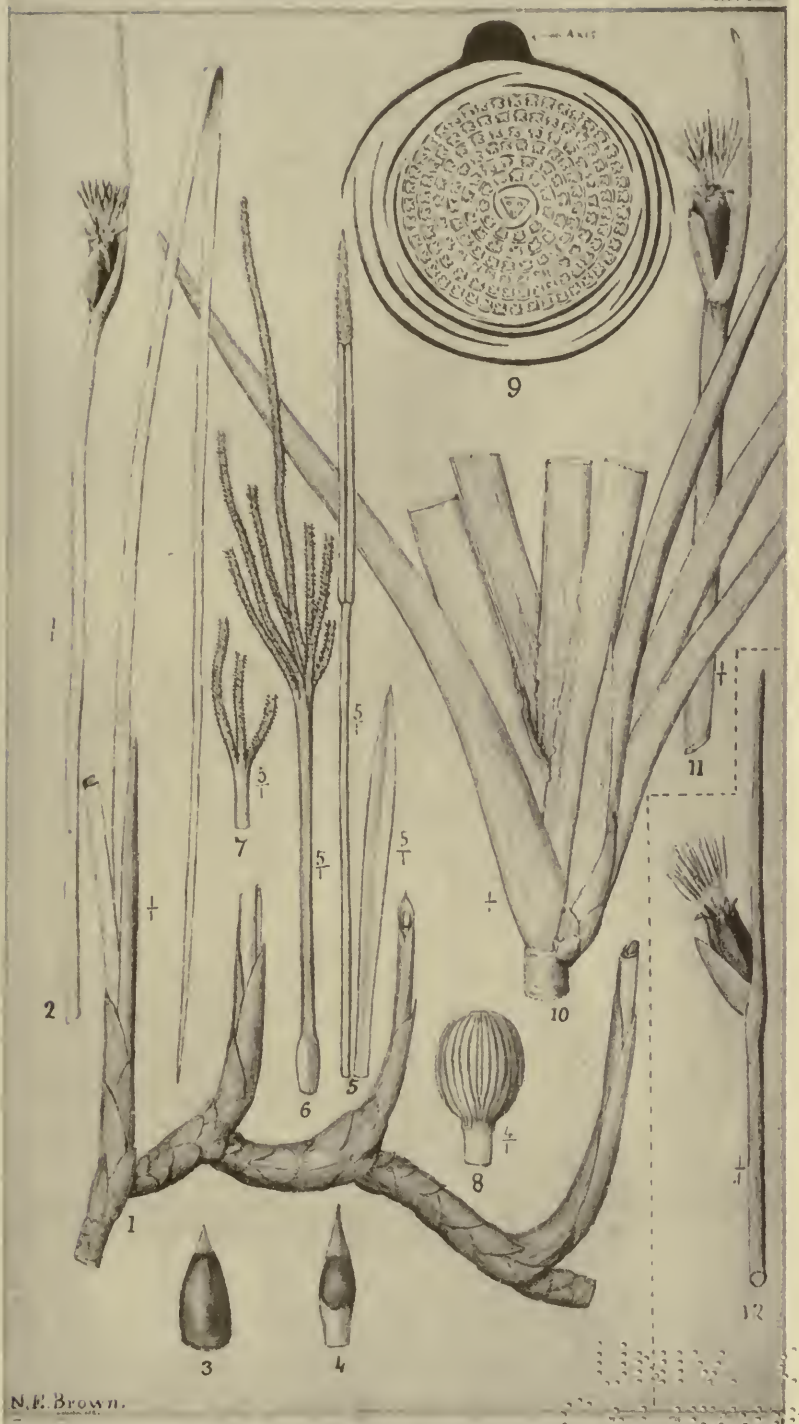
1. Chorisandra sphaerocephala, R. Br. — Culmi pars superior, Magn. nat. (R. Brown n. 5989).
2. ,, ,, ,, Culmi pars inferior, Magn. nat.
3. ,, ,, ,, Bractea, 5 diam. ampl.
4. ,, ,, ,, Flos masculus, a latere visus, 5 diam. ampl.
5. ,, ,, ,, Flos masculus, a tergo visus, 5 diam. ampl.
6. ,, ,, ,, Pistillum, 5 diam. ampl.
7. ,, ,, ,, Floris diagramma.
8. Chorisandra enodis, Nees. — Culmi pars superior, Mag. nat. (Oldfield n. 698).
9. ,, ,, ,, Bractea, 5 diam. ampl.
10. ,, ,, ,, Flos masculus, a tergo visus, 5 diam. ampl.
11. ,, ,, ,, Pistillum, 5 diam. ampl.
12. Chorisandra multiarticulala, Nees. — Culmi pars superior, Magn. nat. (Drummond n. 198).
13. ,, ,, ,, Bractea, 5 diam. ampl.
14. ,, ,, ,, Flos masculus, a tergo visus, 5 diam. ampl.
15. ,, ,, ,, Pistillum, 5 diam. ampl.
16, 17. Chorisandra Cymbaria, R. Br. — Culmi pars superior, Magn. nat. (Woolsii exemplum).
18. ,, ,, ,, Bractea, 5 diam. ampl.
19. ,, ,, ,, Flos masculus, a tergo visus, 5 diam. ampl.
20. , ,, ,, Pistillum, 7 diam. ampl.
21. ,, ,, ,, Nux, 5 diam. ampl. (Sieber n. 28).
22. ,, ,, ,, Nux, 5 diam. ampl. (Milne n. 160).
23. ,, ,, ,, Spiculae diagramma.



1-7. Ch. sphaerocephala, R. Br.
8-11. Ch. enodis, Nees.
12-15. Ch. multiarticulata, Nees.
16-22. Ch. Cymbaria, R. Br.

Tab. CXX.

1.	Chrysthrix	Capensis,	Linn. —	Rhizoma cum culmorum basibus, Magn. nat. (Zeyher n. 4424 β).
2.	,,	,,	,,	Culmi pars superior, Magn. nat.
3.	,,	,,	,,	Bractea inferior, paullo ampl.
4.	,,	,,	,,	Bractea superior, paullo ampl.
5.	,,	,,	,,	Flos masculus, 5 diam. ampl.
6.	,,	,,	,,	Pistillum (flos foemineus), 5 diam. ampl.
7.	,,	,,	,,	Pistilli apex, 5 diam. ampl.
8.	,,	,,	,,	Nux, 4 diam. ampl.
9.	,,	,,	,,	Spiculae diagramma.
10.	,,	,,	,,	Culmi basis, Magn. nat. (Burchell n. 600).
11.	,,	,,	,,	Culmi pars superior, Magn. nat.
12.	Chrysthrix	junciformis,	Nees. —	Culmi pars superior, Magn. nat.



1 – 11. Ch. Capensis, Linn.
12. Ch. junciformis, Nees.

Tab. CXXI.

1. Scleria pergracilis, Nees. — Planta, Magn. nat. (Wallich n. 3406).
2. ,, ,, ,, Inflorescentia, spicula inferior mascula superior bisexualis, 10 diam. ampl.
3. ,, ,, ,, Spiculae bisexualis diagramma.
4. ,, ,, ,, Stamen, 20 diam. ampl.
5. ,, ,, ,, Nux cum gynophoro, 20 diam. ampl.
6. Scleria Liebmanni, Steud. — Inflorescentia, Magn. nat.
7. ,, ,, ,, Nux cum gynophoro, 20 diam. ampl.
8. Scleria distans, Poiret. — Nux cum gynophoro, 20 diam. ampl.

SCLERIA.

Tab. CXXI.

1 – 5. S. pergracilis, Nees.
6, 7. S. Liebmanni, Steud.
8. S. distans, Poir.

Tab. CXXII.

1. Scleria catophylla, C. B. Clarke. — Planta, Magn. nat. (Barter n. 1561).
2. ,, ,, ,, Folii apex, 6 diam. ampl.
3. ,, ,, ,, Spicula mascula, 6 diam. ampl.
4. ,, ,, ,, Nux cum gynophoro, 15 diam. ampl.
5. Scleria bulbifera, A. Rich. — Planta, Magn. nat. (Schimper n. 327).
6. ,, ,, ,, Nux cum gynophoro, 15 diam. ampl.
7. Scleria Purdiaei. — Inflorescentiae pars superior, Magn. nat.
8. ,, ,, Nux cum gynophoro, 15 diam. ampl.

1-4. S. catophylla, C. B. Clarke.
5, 6. S. bulbifera, A. Rich.
7, 8. S. Purdiei.

Tab. CXXIII.

1, 2. Scleria lithosperma, Willd. — Planta, Magn. nat. (C. B. Clarke n. 35476).

3. ,, ,, ,, Nux, 15 diam. ampl.

4. ,, ,, ,, Nux, horizontaliter secta.

5. Scleria lithosperma, Willd., var. β Roxburghii. — Nux, 15 diam. ampl. (Thwaites n. 2627).

1 - 5. S. lithosperma, Willd.

Tab. CXXIV.

1. Scleria corymbosa, Roxb. — Corymbus, unicus axillaris, Magn. nat. (Thwaites n. 3319).
2. ,, ,, ,, Nux, 10 diam. ampl.
3. ,, ,, ,, Inflorescentiae fragmentum, 8 diam. ampl.; spiculâ alterâ masculâ, alterâ 2-sexuali.
4. Scleria Ridleyi, C. B. Clarke. — Corymbus unicus axillaris, Magn. nat. (Ridley n. 1641).

1-3. S. corymbosa Roxb..
4. S. Ridleyi, C.B.Clarke.

Tab. CXXV.

1. Scleria pauciflora, Willd. — Planta, Magn. nat. (Curtis n. 3185).
2. ,, ,, ,, Nux, 15 diam. ampl.
3. Scleria Mackaviensis, Boeck. — Inflorescentia, Magn. nat. (Exemplum O'Shanesy).
4. ,, ,, ,, Spicula bisexualis, 10 diam. ampl.
5. ,, ,, ,, Spiculae diagramma.

1, 2. S. pauciflora, Willd.
3–5. S. Mackaviensis, Boeck.

Tab. CXXVI.

1.	Scleria Motleyi, C. B. Clarke. —	1. Inflorescentiae pars inferior, Magn. nat. (Motley n. 72).
2.	,, ,, ,,	2. Spicula bisexualis, 8 diam. ampl.
3—6.	,, ,, ,,	Spiculae glumae 4 inferiores, 10 diam. ampl.
7.	,, ,, ,,	Nux, 15 diam. ampl.

1–7. S. Motleyi. C. B. Clarke.

Tab. CXXVII.

1. Scleria biflora, Roxb. — Planta, Magn. Nat. (C. B. Clarke n. 7781).
2. ,, ,, ,, Nux, 15 diam. ampl.
3. Scleria flaccida, C. B. Clarke. — Inflorescentiae pars superior, Magn. nat. (C. B. Clarke n. 40744).
4. ,, ,, ,, Inflorescentiae fragmentum, 10 diam. ampl.; spiculis (Diplacroideis) 2 superioribus foemineis, 2 inferioribus masculis.
5. ,, ,, ,, Spicula foeminea (Scleroidea), 10 diam. ampl.

SCLERIA. Tab. CXXVII

1. 2. S. biflora, Roxb.
3-5. S. flaccida, C.B.Clarke.

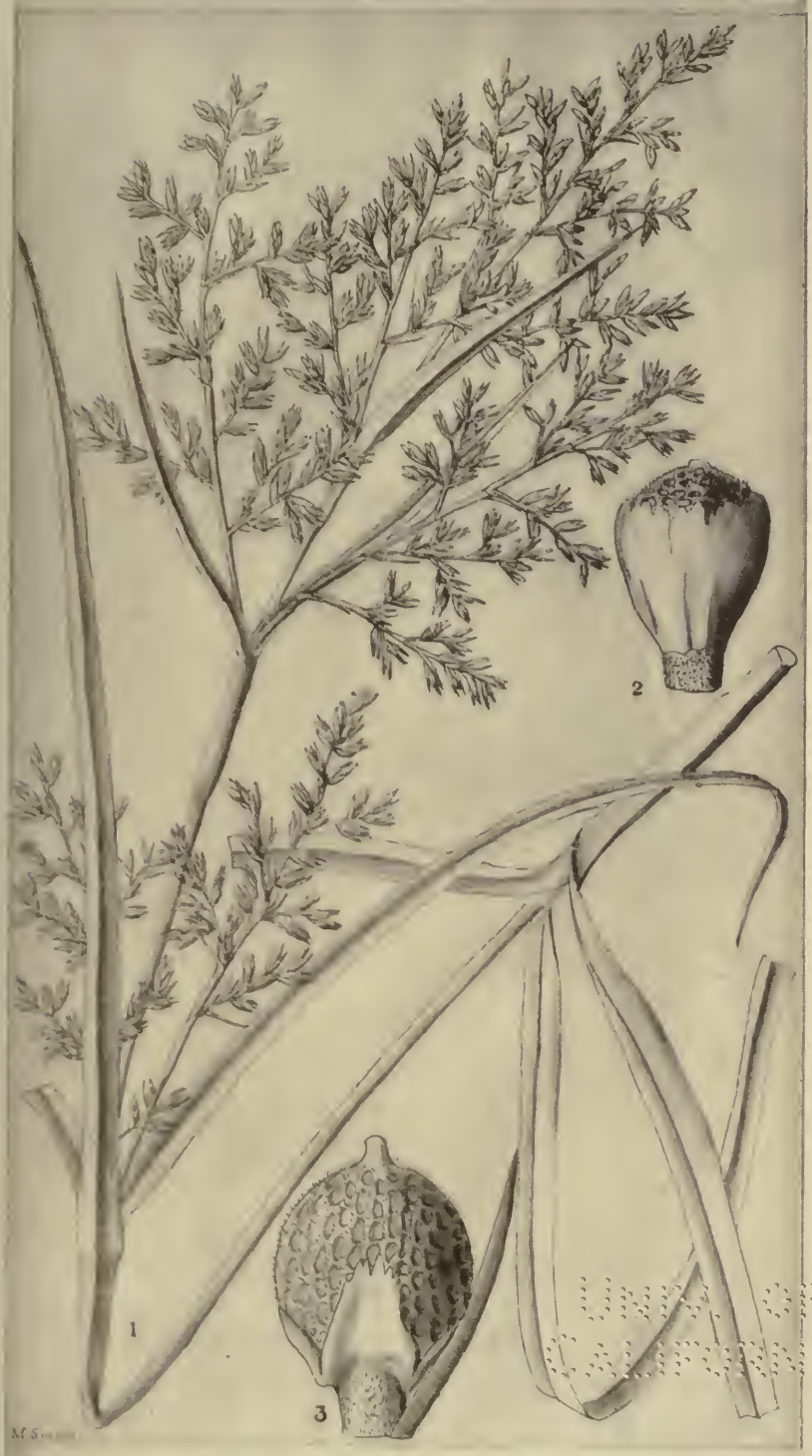
Tab. CXXVIII.

1. Scieria Hookeriana, Boeck. — Magn. nat. (C. B. Clarke n. 44603).
2. ,, ,, ,, Nux, 10 diam. ampl.

1, 2. S. Hookeriana, Boeck.

Tab. CXXIX.

1. Scleria Sumatrensis, Retz. — Planta, Magn. nat.
2. ,, ,, ,, Nux, a margine disci evoluto inclusa. 10 diam. ampl.
3. Scleria multifoliata, Boeck. — Nux, 15 diam. ampl.



1, 2 S. Sumatrensis, Retz.
3. S. multifoliata, Boeck.

Tab. CXXX.

1. Scleria stipularis, Nees. — Inflorescentiae corymbus imus axillaris, Magn. nat. (H. F. Talbot exemplum Guianense).
2. ,, ,, ,, Folii apex, Magn. nat.
3. ,, ,, ,, Nux, 10 diam. ampl.

1–3. S. stipularis. Nees.

Tab. CXXXI.

1. Scleria mitis, Berg. — Paniculae pars superior, Magn. nat. (Fendler n. 359).
2. ,, ,, ,, Folii apex, Magn. nat.
3. ,, ,, ,, Folii basis, cum stipulâ, Magn. nat.
4. ,, ,, ,, Nux, 6 diam. ampl.
5. Scleria racemosa, Poiret. — Nux, ampliata (Grantii planta).
6. Scleria testacea, Nees. — Nux, ampliata (Hillebrand n. 510).
7. Scleria verrucosa, Willd. — Nux, ampliata (Millen n. 94.)

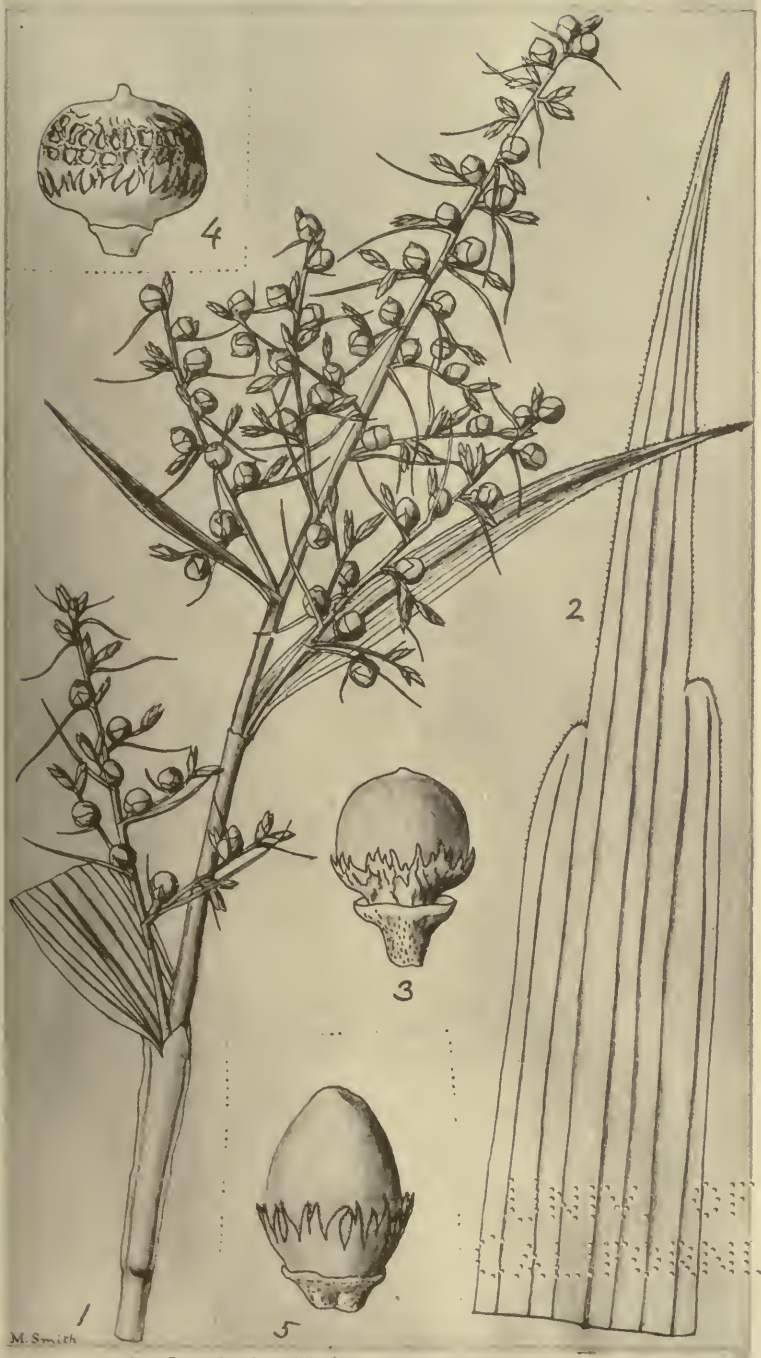
SCLERIA. Tab. CXXXI.

1-4. S. mitis, Berg. | 6. S. testacea, Nees.
5. S. racemosa, Poir. | 7. S. verrucosa, Willd.

Tab. CXXXII.

1. Scleria latifolia, Swartz. — Panicula, Magn. nat. (Fendler n. 1609).
2. ,, ,, ,, Folii apex, Magn. nat.
3. ,, ,, ,, Nux, 5 diam. ampl.
4. Scleria myricocarpa, Kunth. — Nux, ampliata (Glaziou n. 7489).
5. Scleria angusta, Nees. — Nux, ampliata (Wood n. 3863).

SCLERIA. Tab. CXXXII.

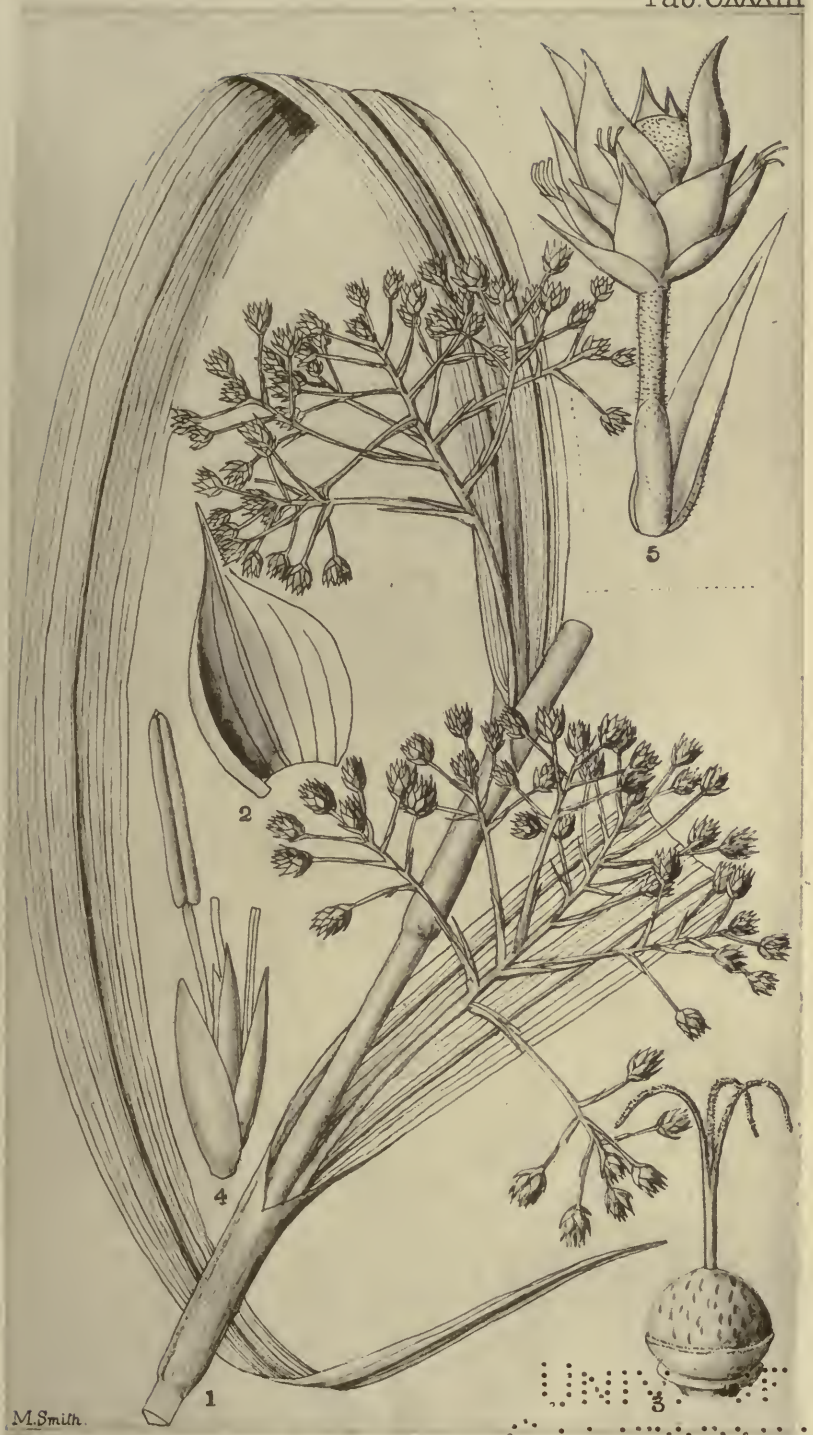


1–3. S. latifolia, Swartz.
4. S. myricocarpa, Kunth.
5. S. angusta, Nees.

Tab. CXXXIII.

1. Scleria cymosa, Boeck. -- Paniculae pars, Magn. nat. (Fendler n. 871).
2. ,, ,, ,, Gluma spiculae foemineae ampliata.
3. ,, ,, ,, Nux ampliata.
4. ,, ,, ,, Spicula mascula, ampliata.
5. Scleria Merkeliana. -- Inflorescentia, a Neesio (in Mart. Brasil v. 2 pars 1 t. 27 fig. 18), exscripta.

SCLERIA. Tab. CXXXIII



1-4. S. cymosa, Boeck.
5. S. Merkeliana.

Tab. CXXXIV.

1. Diplacrum Africanum, C. B. Clarke. — Planta, Magn. nat. (Barter n. 1041).
2. ,, ,, ,, Inflorescentia dissecta (ampliata); spiculae inferioris masculae 3 flores, 1-glumes, 1-andri, antheris delapsis, depicti sunt.
3. Diplacrum caricinum, R. Br. — Spicula foemineadissecta, ampliata (Griffith n. 6114).
4. Diplacrum pygmaeum, Nees. — Gluma foeminea ampliata (Schomburgk n. 260).
5. ,, ,, ,, Nux ampliata.

DIPLACRUM. Tab. CXXXIV.

1, 2. D. Africanum, C. B. Clarke.
3. D. caricinum, R. Br.
4, 5. D. pygmaeum, Nees.

Tab. CXXXV.

1	Diplacrum longifolium, C. B. Clarke, var. robustior	Panicula, Magn. nat. (Scott Elliot n. 1892).
2.	,, ,, ,,	Inflorescentia dissecta, ampliata (Fendler n. 873). Spicularum 2 inferiorum flores 2, masculi, 1-glumes, 3-andri, depicti sunt.
3.	,, ,, ,,	Spicula faeminea dissecta, ampl.
4.	,, ,, ,,	Nux ampliata.
5.	,, ,, ,,	Nucis sectio verticalis.

1-5. D. longifolium, C B. Clarke.

Tab. CXXXVI.

1. Hoppia irrigua, Nees. — Planta, Magn. nat. (Spruce n. 2934).
2. ,, ,, ,, Inflorescentia ampliata. Spiculae 2 inferiores laterales masculae, superior centralis foeminea.
3. ,, ,, ,, Utriculi sectio verticalis, ampliata.
4. Hoppia microcephala, Boeck. — Inflorescentia ampliata. Spiculae 2 inferiores laterales masculae, superior centralis foeminea.
5. ,, ,, ,, Inflorescentiae diagramma.

1-3. H. irrigua, Nees.
4, 5. H. microcephala, Boeck.

Tab. CXXXVII.

1. Lagenocarpus albo-niger. — Planta, Magn. nat. (Glaziou n. 20062).
2. Lagenocarpus Guianensis, Nees. — Spicula mascula dissecta, ampl.
3. ,, ,, ,, Spicula foeminea dissecta, ampl.
4. Lagenocarpus tremulus, Nees. — Nux cum hujus sectione verticali ampliata.
5. Lagenocarpus rigidus, Nees, var. Burchelli. — Nux cum hujus sectionibus verticali horizontalique ampliata.

LAGENOCARPUS. Tab. CXXXVII.

1. L. albo-niger.
2-3. L. Guianensis, Nees.
4. L. tremulus, Nees.
5. L. rigidus, Nees.

Tab. CXXXVIII.

1. Cryptangium Clausseni. — Planta, Magn. nat.
2. ,, ,, Spicula mascula dissecta, ampliata.
3. ,, ,, Spicula foeminea dissecta, ampliata.
4. Cryptangium leptocladum, Boeck. — Nux, cum hujus sectionibus verticali horizontalique, ampliata.

CRYPTANGIUM. Tab. CXXXVIII.

1–3. C. Clausseni.
4. C. lepto-cladum, Boeck.

Tab. CXXXIX.

1. Calyptrocarya fragifera, Kunth. — Inflorescentiae pars, Magn. nat. (Poiteaui exemplum).
2. ,, ,, ,, Spicula mascula, 10 diam. ampl.
3. ,, ,, ,, Spicula foeminea, 10 diam. ampl.
4. Everardia montana, Ridley. — Panicula, Magn. nat. (im Thurm n. 335).
5. ,, ,, ,, Spicula mascula, 6 diam. ampl.
6. ,, ,, ,, Spicula foeminea, 7 diam. ampl.
7. ,, ,, ,, Pistil, 12 diam. ampl.
8. ,, ,, ,, Gluma mascula, 12 diam. ampl.
9. ,, ,, ,, Anthera, 12 diam. ampl.

1-3. C. fragifera Kunth.
4-9. E. montana, Ridley.

Tab. CXL.

1. Eriospora pilosa, Benth. — Inflorescentia, Magn. nat. (Barter n. 1560).
2. ,, ,, ,, Folii vagina cum ligulâ, Magn. nat.
3. ,, ,, ,, Spicula dissecta, 12 diam. ampl.
4. ,, ,, ,, Pilus hypogynus, 40 diam. ampl.
5. Eriospora Rehmanniana. — Plantae basis, Magn. nat. (Rehmann n. 4489).
6. ,, ,, ,, Folii vagina cum ligulâ, Magn. nat.
7. ,, ,, ,, Ovarium, 12 diam. ampl.
8. ,, ,, ,, Pili hypogyni apex, 40 diam. ampl.

1-4. E. pilosa. Benth.
5-8. E. Rehmanniana

Tab. CXLI.

1. Schoenoxiphium rufum, Nees. — Inflorescentiae pars superior, Magn. nat. (Dregei exemplum).
2. ,, ,, ,, Spicula, 12 diam. ampl.
3. ,, ,, , Spicula eadem, utriculo amoto, 12 diam. ampl.
4. ,, ,, ,, Spiculae diagramma. pedicelli liguliformis 2-nervii situm exhibens.
5. ,, ,, ,, Spicula, 15 diam. ampl. (Buchanan n. 43).
6. ,, ,, ,, Spicula eadem, utriculo amoto, 15 diam. ampl.
7. Schoenoxiphium Sickmannianum, Kunth.— Spicula, 12 diam. ampl. (Dregei exemplum).
8. Schoenoxiphium Ecklonii, Nees. — Planta, Magn. nat. (Zeyher n. 4441) [Caricis potius sp.].


SCHOENOXIPHIUM Tab CXLI.
1
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8
C. Fitch.
1-6. S. rufum, Nees.
7. S. Sickmannianum, Kunth.
8. S. Ecklonii, Nees.

Tab. CXLII.

1.	Kobresia seticulmis, Boeck.	— Planta, Magn. nat. (Hookeri *f.* exemplum).
2.	,, ,, ,,	Spica, 10 diam. ampl.
3.	,, ,, ,,	Nux, 10 diam. ampl.
4.	Kobresia Hookeri, Boeck.	— Planta mascula, Magn. nat. (Hookeri *f.* exemplum).
5.	,, ,, ,,	Inflorescentia foeminea, Magn. nat. (Pantlingii exemplum).
6.	,, ,, ,,	Inflorescentia foeminea, Magn. nat. (C. B. Clarke n. 46568).
7.	Kobresia Duthiei, C. B. Clarke.	— Planta, Magn. nat. (Duthie n. 6093).
8.	,, ,, ,,	Spicula, 10 diam. ampl.
9.	Kobresia schoenoides, Boeck.	— Planta, Magn. nat. (Hookeri *f.* exemplum).
10.	,, ,, ,,	Spicula dissecta, 8 diam. ampl.
11.	,, ,, ,,	Nux, 8 diam. ampl.

1-3 K. seticulmis, Boeck. 7, 8. K. Duthiei, C.B. Clarke.
4-6 K. Hookeri. Boeck. 9-11. K. schoenoides, Boeck.

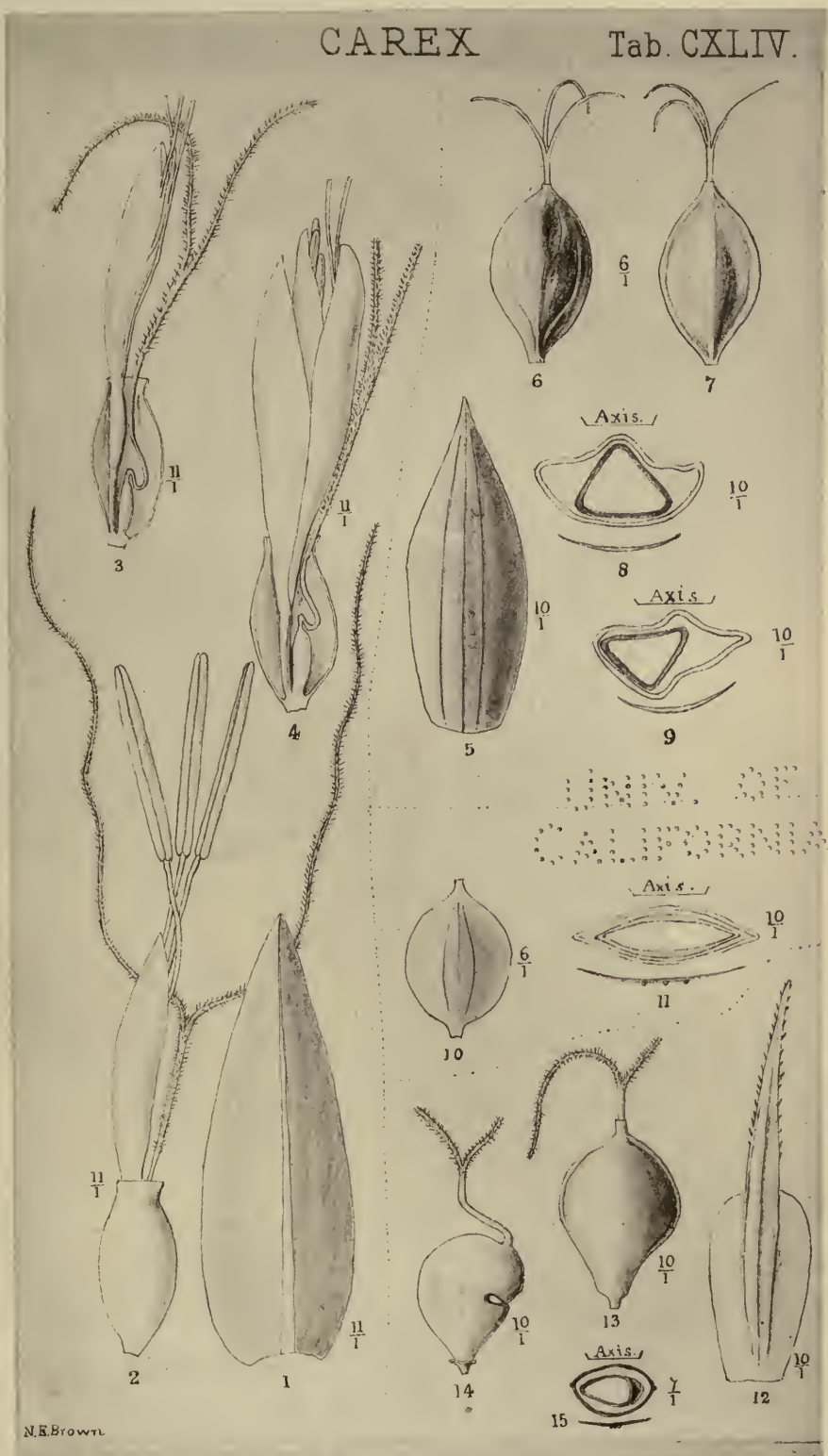
Tab. CXLIII.

1. Kobresia Royleana, Nees. — Plantae pars superior, Magn. nat. (T. Thomsoni exemplum magnum).
2. ,, ,, ,, Spica, 8 diam. ampl.
3. ,, ,, ,, Spicula, 15 diam. ampl.
4. Kobresia laxa, Boeck. — Planta, Magn. nat.
5. ,, ,, ,, Spica foeminea, 5 diam. ampl.
6. ,, ,, ,, Spica mascula, 5 diam. ampl.
7. ,, ,, ,, Spica bisexualis, 5 diam. ampl.
8. Kobresia macrantha, Boeck. — Planta, Magn. nat. (Schlagintweit n. 1344).
9. ,, ,, ,, Spicula, 15 diam. ampl.

1-3. K. Royleana Nees
4-7. K. laxa. Boeck.
8.9. K. macrantha, Boeck.

Tab. CXLIV.

1. Carex Sitchensis, Bong. — Squama foeminea, 11 diam. ampl. (Exemplum in herb. Andersonianum, Glasgow, conservatum).
2. ,, ,, ,, Utriculus, 11 diam. ampl.
3. ,, ,, ,, Utriculi sectio verticalis, 11 diam. ampl.
4. ,, ,, ,, Utriculi alteri sectio verticalis, 11 diam. ampl.
5. Carex atrata, Linn. — Squama foeminea, 10 diam. ampl.
6. ,, ,, ,, Utriculus, a facie anticâ visus, 6 diam. ampl.
7. ,, ,, ,, Utriculus, a facie posticâ visus, 6 diam. ampl.
8. ,, ,, ,, Spiculae foemineae diagramma.
9. ,, ,, ,, Spiculae foemineae alterae diagramma.
10. Carex picta, Boott. — Utriculus, 6 diam. ampl.
11. ,, ,, ,, Spiculae foemineae diagramma.
12. Carex crinita, Lam. — Squama foeminea, 10 diam. ampl.
13. ,, ,, ,, Utriculus, 10 diam. ampl.
14. ,, ,, ,, Nux, 10 diam. ampl.
15. ,, ,, ,, Spiculae foemineae diagramma.



1-4. C. Sitchensis, Bong. 10, 11. C. picta, Boott.
5-9. C. atrata, Linn. 12-15. C. crinita, Lam

INDEX.

G.

H.

J.

K.

L.

M.

O.

P.

R.

S.

T.

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