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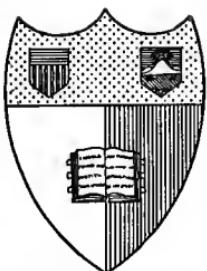
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TAUNTON:

PRINTED AT GAZETTE JOB OFFICE,

1880.

CATALOGUE
OF
North American Musci.

" ARRANGED BY

EUGENE A. RAU, AND A. B. HERVEY, A. M.
—

TAUNTON:
PRINTED AT GAZETTE JOB OFFICE,
1880.

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PREFACE.

In introducing this Catalogue of American Mosses, the compilers believe that they are supplying a want which has long been felt by American Botanists. It is designed to be a convenient check and exchange list, and a basis for arrangement of genera, &c., in herbaria.

The classification is mainly that adopted by Prof. Schimper in his *Synopsis of European Mosses*.

All the authentic species and varieties reported, from Mexico to the Arctic regions, have been included and their habitats given with as wide a range as the examination of references and several good herbaria would permit.

Some plants hitherto classified as species are given in this list as varieties. Doubtful species so far as known, when admitted have been marked with a star.

We have to acknowledge our indebtedness to Prof. C. H. Peck, the distinguished State Botanist of New York, for many valuable suggestions. The late Mr. C. F. Austin, whose recent death deprives American Bryologists of one of their most zealous, acute and accomplished co-laborers, kindly gave us much assistance in the work. To Mr. Chas. Mohr of Mobile, Alabama, we are indebted for lists of the Mosses from the Gulf States, Mexico and the Pacific Coast, represented in his herbarium.

The Index Generum will be found on page 50, Erata on page 52.

EUGENE A. RAU, Bethlehem, Pa.
A. B. HERVEY, Taunton, Mass.

MUSCI.

Series I. ACROCARPÆ.

Order I. CLEISTOCARPÆ.

Tribe I. PHYSCOMITRIOIDEÆ.

Family I. EPHEMERÆ.

1. EPHEMERUM, *Hpe.*

1. <i>serratum</i> <i>Hpe.</i> ,	N. E., Mid. Sts., O., Br. Am., Cal.
2. <i>crassinervium</i> <i>Hpe.</i> ,	No. U. S.
3. <i>*hystrix</i> <i>Lindbg.</i> ,	N. J. to Fla.
4. <i>*papillosum</i> <i>Aust.</i> ,	N. J. to S. C.
5. <i>cohærens</i> <i>Hpe.</i> ,	O., Pa.
6. <i>*pallidum</i> <i>Sch.</i> ,	Ohio.
7. <i>spinulosum</i> <i>B.</i> & <i>S.</i> ,	Common.

Family II. PHYSCOMITRELLEÆ.

2. NANOMITRIUM *Lindbg.*, (*Micromitrium* and *Sympoma* *Aust.*)

8. <i>tenerum</i> (<i>Bruch.</i>) <i>Lindbg.</i> (<i>megulosporum</i> <i>Aust.</i>),	N. J., Pa.
9. <i>Austini</i> (<i>Sull.</i> <i>Aust.</i>) <i>Lindbg.</i> ,	N. Y., N. J.
10. <i>synoicum</i> (<i>Jas.</i> <i>Aust.</i>) <i>Lindbg.</i> ,	N. J., Pa.

3. PHYSCOMITRELLA *Sch.*.

11. <i>patens</i> <i>Br.</i> <i>Eu.</i> ,	Ohio
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Tribe II. POTTIOIDEA.

Family I. PHASCACEÆ.

4. SPHERANGIUM *Sch.*

12. <i>rufescens</i> <i>Jaegeer.</i> ,	N. J. to S. C., O.
13. <i>muticum</i> <i>C. M.</i> ,	N. Y., N. J., Pa., Ill., Cal.
14. <i>Schimperianum</i> <i>Sull.</i> ,	Tex., Ill.

5. PILASCUM *L.*

15. <i>eupidatum</i> <i>Schreb.</i> ,	N. J. to S. C., Ill., Cal.
" var. <i>piliferum</i> ,	N. J. to S. C., Ill., Cal., Col.

16. bryoides *Dicks.*, var. piliferum,
17. Carniolicum *W. & M.*,

Cal. Col.
Col.

Tribe III. BRUCHIACEÆ.

Family I. PLEURIDIEÆ.

6. PLEURIDIUM *Brid.*

18. subulatum (*Schreb.*), *Lindbg.* (*P. alternifolium Brid.*), U. S.
19. Ravenelii *Aust.* (*P. subulatum Sull. Mosses.*) N. J. to R. I., S. C.
20. stramineum *Lx.*, Pacific Coast.
21. Sullivanti *Aust.* (*P. nervosum Sull. Icon. non Hook.*), Pa. to S. C.

Family II. BRUCHIEÆ.

7. SPORLEDERA *Hpe.*

22. palustris *Sch.* N. J., Mass., La.

8. BRUCHIA *Schw.*

A. Calyptra smooth.

23. Bolanderi *Lx.*, Cal.
24. *Marylandica *Aust.*, Md.
25. flexuosa *Schw.* (*Sull. Mosses.*), O. (?), Ill., So. Sts.
26. Sullivanti *Aust.* (*B. flexuosa Sull. Icon. T. 13*, also *B. Beyrichiana Hpe.*, *Sull.*, *Icon.*, suppl. T. 15), N. E. to Fla., Ill.
var. brevicollis (*B. brevicollis L. & J.*), S. C.
27. Donnellii *Aust.*, S. C., Fla., Ala.
28. *nigrescens *Lx.*, Ala.
29. Texana *Aust.*, Va. to Tex.
30. Hallii *Aust.*, Va. to Tex.
31. brevipes *Hook.*, S. C., Ala., La.
32. brevifolia *Sull.*, Va., S. C., Ala., La., Tx.
33. *microcarpa *Wils.*, La.
B. Calyptra papillose.
34. Carolinæ *Aust.*, S. C.
35. Ravenelii *Wils.*, S. C. to Ala.
36. *Schwægricheni *Hpe.*, La.

Order II. STEGOCARPÆ.

Tribe I. WEISIACEÆ.

Family I. WEISIEÆ.

9. SYSTEGIUM *Br. Eng.*

37. erispum *Hedw.*, Ind., Ill., Tex.
38. Sullivantii *Sch.*, N. Y., Pa., O., Ill.
39. nitidulum *Sch.*, N. J. to Ill. and Va.

40.	<i>Ludovicianum Sull.</i> ,	Fla., Ala., La.
41.	<i>erythrostegium B. & S. (S. Ludovicianum Sull.)</i>	La.
10.	HYMENOSTOMUM R. Br.	
42.	<i>microstomum R. Br.</i> ,	N. J., O., Tex.
11.	GYROWEISIA Sch.	
43.	<i>tenuis Schrad.</i> ,	No. America.
12.	GYMNOSTOMUM Br. Eu.	
44.	<i>calcareum N. & H.</i> ,	N. Y., O.(?), Br. Am.
	“ var. <i>perpusillum Sull.</i> ,	Cal.
45.	<i>rupestre Schwg.</i> ,	No. U. S., Br. Am., Col.
46.	<i>euvirostrum Hedw.</i> ,	No. U. S., Pacif., Br. Am.
47.	<i>tophaceum Aust.</i> ,	Tex.
48.	* <i>Clintoni Aust.</i> ,	N. Y.
49.	<i>Orizabanum Sch.</i> ,	Mex.
50.	<i>incurvans Sch.</i> ,	Mex.
13.	ANECTANGIUM Schwg.	
51.	<i>Peckii Sull.</i> ,	Catskill Mts.
52.	<i>Liebmansi Sch.</i> ,	Mex.
53.	<i>apiculatum Sch.</i> ,	Mex.
54.	<i>Breutelianum B. & S.</i> ,	Mex. and No. W. Coast.
55.	<i>Hornschlorhianum Funk,</i>	No. W. Coast.
56.	<i>glaucescens Sch.</i> ,	Mex.
57.	<i>condensatum Sch.</i> ,	Mex.
14.	WEISIA Hedw.	
58.	<i>viridula Brid.</i> ,	U. S., Br. Am.
	“ var. <i>Rauei Aust.</i> ,	Pa., Col.
	“ “ <i>Brandegei Aust.</i> ,	Col.
	“ “ <i>Wolfii L. & J.</i> ,	Ill.
	“ “ <i>australis Aust. (W. longiseta L. & J.)</i> ,	Fla. to Tex.
59.	<i>mucronata Bruch.</i> ,	Ill.
60.	<i>barbulacea C. M.</i> ,	Mex.
15.	DICRANOWEISIA Lindbg. (Weisia Hedw.) ,	
61.	<i>crispula Hedw.</i> ,	Pac. Coast, Br. Am., G'land.
62.	<i>cirrhata Hedw.</i> ,	“ “ “
16.	OREOWEISIA Sch. (Weisia Hedw.) ,	
63.	<i>serrulata Funk,</i>	Mid. Sts., Col.
17.	RHABDOWEISIA Sch.	
64.	<i>fugax B. & S.</i> ,	N. Y., N. J., Wht. Mts., Br. Am.
65.	<i>denticulata B. & S.</i> ,	N E. and Mid. Sts., N. C.
66.	<i>vulcanica C. M.</i> ,	Mex.

Family II. DICRANE.E.

18. *CYNODONTIUM Sch.*
- | | |
|------------------------------------|--|
| 67. <i>schisti</i> (<i>Oed.</i>) | Rky. Mts., G'land. |
| 68. <i>gracilescens</i> W. & M., | Rky., Wht. and Adirod'k Mts. |
| " <i>var. tenellum</i> , | Wht. Mts. |
| 69. <i>polycarpum</i> Erh., | N. Y., N. W. Br. Am., Gt. Lakes. |
| 70. <i>virens</i> Hedw., | N. Y., Pa., Col., Br. Columb., G'land. |
| " <i>var. Wahlenbergii</i> , | Br. Am. |
| " " <i>serratum</i> , | Col., Pac. Coast. |
19. *DICHODONTIUM Sch.*, (*Dicranum*)
- | | |
|-------------------------------------|-----------------------------|
| 71. <i>pellucidum</i> (<i>L.</i>) | N. Y., N. J., Br. Am., Col. |
| " <i>var. fagimontanum</i> , | Vt., Col. |
| " " <i>serratum</i> , | Col., Vane'r I. |
20. *TREMATODON Michx.*
- | | |
|-------------------------------|--|
| 72. <i>longicollis</i> Rich., | N. J. to Fla., O., Ill., Ala., La., Mex. |
| 73. <i>uncinatus</i> C. M., | Mx. |
| 74. <i>ambiguus</i> Hedw., | Md. to Canada, O. |
| 75. <i>nitidulus</i> Sch., | Mex. |
21. *MICRODUS Sch.*,
- | | |
|------------------------------|------|
| 76. <i>Liebmanni</i> Sch., | Mex. |
| 77. <i>ovatus</i> Besch., | Mex. |
| 78. <i>Sartorii</i> Sch., | Mex. |
| 79. <i>longirostris</i> Sch. | Mex. |
22. *ANGSTROMIA B. & S.*
- | | |
|------------------------------|---------|
| 80. <i>vulcanica</i> C. M., | Mex. |
| 81. <i>longipes</i> Sommff.. | No. Am. |
23. *DICRANELLA Sch.*
- A. *Squarrosa*.
- | | |
|--|-------------------------------|
| * 82. <i>crispa</i> Hedw.. | Br. Am., Pac. Coast. |
| 83. <i>Schreberi</i> (<i>Hedw.</i>), | Mid. Sts., Br. Am. |
| " <i>var. occidentalis</i> Aust., | Or., Vane'r I. |
| 84. <i>cervinolata</i> (<i>Hedw.</i>), | N. J., Wht. Mts., N. Bruns'k. |
| 85. * <i>Canadensis</i> . Mitt., | Br. Am. |
| 86. <i>Mulleri</i> Sch., | Mex. |
| 87. <i>compacta</i> Sch., | Mex. |
- B. *Secunda*.
- | | |
|---|----------------------------------|
| 88. <i>varia</i> (<i>Hedw.</i>), | U. S., Br. Am. |
| 89. <i>rufescens</i> Turn., | Mid. Sts., Nor'd and West'd. |
| 90. <i>subulata</i> (<i>Hedw.</i>), | Wht. Mts., Pac. Coast, Br. Am. |
| 91. <i>heteromalla</i> Hedw., | No. and East. U. S., Pac. Coast. |
| " <i>var. orthocarpa</i> C. M., | Mid. Sts. |
| " " <i>orthophylla</i> Aust., | Ohio. |
| 92. <i>exigua</i> Schrey. (<i>D. debile</i> W.), | Gulf Sts., S. C. |

93. Liebmenniana C. M., Mex.
 94. brachyblepharis C. M., Mex.
 95. pilopogon C. M., Mex.
 96. trematodontifolia C. M., Mex.
 97. microdonta Sch., Mex.
 98. Sartorii C. M., Mex.
24. DICRANUM Hedw.
- A. Fulvella.*
99. fulvellum Dicks. (*Arctoa*), N. Y., Wh. Mts., G'land.
- B. Falcata.*
100. Starkii W. & M. (*D. Blyttii* W. & M.), Wht. and Adirond'k Mts., Br. Am., G'land. {
 101. cæspitans Sch., Mex.
- C. Orthocarpia.*
102. montanum Hedw., Mid. Sts. and West'd, Br. Am.
 103. viride S. & L. (*strictum* S. & L.), N. & E. U. S., Br. Am., P. Cst.
 104. flagellare Hedw., Mid. Sts., Br. Am., Mex.
 105. albicans B. & S. (*D. enerve* Hedw.), Pacific Coast.
 106. fulvum Hook. (*D. interruptum* Br. Eu.), No. & E. U. S., Br. Am.
 107. longifolium Hedw., Mid. Sts., Br. Am.
- D. Scoparia.*
108. elongatum Sch. (*D. Macouni* Aust.), N. E. to Rky. Mts. and G'land. {
 109. fuscescens Turn. (*D. congestum* Brid.), Mts. of Pa., N. E., N. Y. to Rky. Mts., Br. Am., G'land. {
 110. Muhlenbeckii B. & S., N. J., Br. Am., Col., G'land.
 111. fragilifolium Lind., Br. Am.
 112. scoparium L., U. S., Br. Am.
 var. orthophyllum, Appalachian, G'land.
 " curvulum, "
 " paludosum, "
 " recurvatum, "
 " rupestre, "
 " orthocarpum, "
113. majus Turn., Pacific Coast.
 114. arcticum Sch., G'land, Labrador.
 115. scopariooides Sch., Mex.
 116. Mexicanum Sch., Mex.
- E. Undulata.*
117. palustre L. Pl., East., Mid. & No. Sts., Br. Am., Pacific.
 var. (*D. Brewerianum* Lx.), Pacific.
 118. Schraderi Schwg., Mid. Sts. to Cal., Br. Am.
 119. spurium Hedw., Mid. Sts., Cal., Br. Am.
 var. (*D. condensatum* Hedw.), Mid. Sts. to Fla., Gulf Sts., Br. Am. {
 120. undulatum Vott., E. and Mid. Sts., No'd and West'd.

121. elatum Lindbg. (*D. Drummondii* C. M., *D. robustum* Blytt.), }
N. E. and Mid Sts., Br. Am. }
122. rhabdocarpum Sull., Rky. Mts., U. S., Mex.
123. Andrieuxii Besch., Mex.
124. lophoneuron C. M., Mex.
125. Richardsoni Hook., G'land.
126. cryptocarpum C. M., Mex.
25. ATRACHYLOCARPUS Mitt. Mex.
127. Mexicanus Mitt., Mex.
26. DICRANODONTIUM B. & S. Pa. O.
128. longirostre B. & S., Wht. Mts.
129. nitidum Jas. (*D. longifolium* Hedw. fide Aust.),
27. CAMPYLOLUS Brid.
- Folia epilifera.*
130. flexuosus Brid. (*C. Tallulensis* S. & L.), Ga., N. C.
131. Leanus Sull., Mid. Sts. and Westward.
132. pusillus Sch., Mex.
133. Vitzliputzli Ltz., Mex.
134. leucogaster C. M., Mex.
135. subleucogaster C. M., Ala.
136. bicolor Sch., Mex.
137. flagellaceus C. M., "
138. Chrismari C. M., "
139. Hallerianus Hpe., "
140. Ruaeui Aust., Colorado.
141. Hallii Lx., "
142. frigidus Lx., "
143. Donuellii Aust., Ala., Fla.
144. gracilicaulis Mitt., Fla., Mex.
145. angustiretis Aust., Fla.
146. Virginicus Aust., Va.
- Folia pilifera.*
147. laevigatus Sch., Mex.
148. lamellicosta Sch., Mex.
149. Liebmanni Sch., Mex.
150. Richardi Schw., (*C. nigrescens* Duby.), Mex.
151. strictus Sch., Mex.
152. pilosissimus Sch., Mex.
153. luridus Sch., Mex.
154. introflexus Hedw. (*C. polytrichoides* D. N., *C. leucotrichus* S. & L., *C. lutescens* Sch.), Ala. }
28. CAMPYLOCHLÆTIUM Besch.
155. Mexicanum Besch., Mex.
156. Selowii Horusch. (*Angstroemia Halleridnum* C. M.), "

29. PILOPOGON Brid.
 157. calycinus Sch., Mex.
 158. Mohrii C. M., Mex.
30. HOLOMITRIUM Brid.
 159. serratum C. M., Mex.

Tribe II. LEUCOBRYACEÆ.

Family I. LEUCOBRYEÆ.

31. LEUCOBRYUM Hpe.
 160. glaucum Hpe., U. S., Br. Am.
 var. minus (Hpe.), So. U. S., Mex.
32. OCTOBLEPHARUM Hedw. Gulf Sts., Mex.
 161. albidum Hedw.,

Tribe III. FISSIDENTACEÆ.

Family I. FISSIDENTEÆ.

33. FISSIDENS Hedw.
A. Fruit terminal.
- | | |
|---|------------------------------|
| 162. hyalinus H. & W., | Ohio. |
| 163. obtusifolius Wils., | Ohio, Col. |
| 164. incurvus Schwg. (<i>F. limbatus</i> Sull.), | Gulf Sts., Cal. |
| var. exiguum (Sull.), | Mid. Sts. |
| " synoicus (Sull.), | Mid. Sts. |
| " monoicus Aust., | N. J. |
| " minutulus Sull., | U. S., Br. Am. |
| " longipes Aust., | Vancouver's I. |
| 165. Floridanus L. & J., | Fla. |
| 166. bryoides Hedw., | E. W. Mid. Sts., Col. |
| 167. Ravenelii Sull., | Car. to Fla., Ala. |
| 168. osmundioides Hedw., | E. Mid. W. Sts., and Br. Am. |
| 169. Garberi Jas., | Fla. |
| 170. Donnellii Aust., | Fla. |
| 171. Texanus Aust. (<i>F. Hallii</i> Aust.), | Tex. |
| 172. tortilis Hpe., | Mex. |
| var. scalpellatus C. M., | Mex. |
| 173. circinans Sch., | Mex. |
| 174. ventricosus Lx., | Cal. |
| 175. Closteri Aust., | N. J. |
| 176. subcrenatus Sch., | Mex. |

B. Fruit axillary.

177. *subbasilaris Hedw.*, No. and Mid. Sts., Ohio, Ala.
 178. *taxifolius Hedw.*, Mid. Sts., Ohio, Ala.
 179. *adiantoides Hedw.*, No. and E. U. S., Pac. Coast, Br. Am.
 var. *rupestris (F. rupestris Wils.)*, Mid. Sts.
 180. *polypodioides Hedw.*, Mex., La., Fla., Ga.
 181. *grandifrons Brid.*, N. Y., No. W. to Rky. Mts., Br. Am., Pac.
 var. *strictus Besch.*, Mex.
 182. *decipiens D. N.*, Fla., Ohio, Ill., Ontario.
C. Sterile.
 183. *Bourgeanus Besch.*, Mex.
 34. **CONOMITRIUM Mont.**
 184. *Julianum Mont.*, N. E., Mid. and W. Sts., Fla., Ala.
 var. *Mexicanum Sch.*, Mex.
 185. *Hallianum S. & L.*, N. J., Ill., Fla.
 186. *reticulosum C. M.*, Mex.

Tribe IV. SELIGERIACÆ.**Family I. SELIGEREÆ.**

35. **ANODUS B. & S.**
 187. *Donianus B. & S.*, N. Y., and Br. Am.
 36. **SELIGERIA B. & S.**,
 188. *tristchia B. & S.*, Ohio.
 189. *recurvata B. & S.*, N. Y., N. J., Pa., Br. Am.
 190. *globifera Hpe.*, Mex.
 191. *pusilla B. & S.*, Mo., Br. Am.
 192. *calcarea (Dicks.)*, Ohio.
 37. **BLINDIA B. & S.**
 193. *acuta Br. Eu.*, Catskill Mts. and No. to Gland.
 38. **CAMPYLOSTELIUM B. & S.**
 194. *saxicola W. & M.*, N. E. Sts., N. J., Ky.

Tribe V. CERATODONTACEÆ.**Family I. CERATODONTEÆ.**

39. **CERATODON Brid.**
 195. *purpureus Brid.*, No. U. S., to Pac. Coast, Br. Am.
 var. *aristatus*, N. J., Pa.
 " *xanthopns*, Rky. Mts., Cal.
 196. **minor Aust.*, British Columbia.
 197. *stenocarpus B. & S.*, Mex.
 198. *perichaetialis Sch.*, Mex.

40. **TRICHODON Sch.**
 199. *cylindricus* *Aust.*, Vanc'r I.
 200. *nodulosus* *Aust.*, N. Y., N. J.

Family II. LEPTOTRICHEÆ.

41. **LEPTOTRICHUM Hpe. (*Trichostomum B. & S.*)**
 201. *tortile* *Schrud.*, N. E., No. and W. Sts., Ala., Br. Am.
 " *var. pusillum*, N. Y., Pa.
 202. *tenue* *Swartz* (*T. vaginans* *Sull.*), N. E. Sts. to Mo., Br. Am.
 203. *flexicaule* (*Schw.*), Pac. Coast., Br. Am.
 " *var. erosum* *Aust.*, Br. Am.
 204. *pallidum* (*Schreb.*), Atl., Gulf and West. Sts., Br. Am.
 205. *glaucescens* (*Hedw.*), Mid. and E. Sts., Br. Am., Col.
 206. *Schimperi Lx.*, Pac. Coast.
 207. *heteromallum Lindb.*, (*L. Sullivani Aust.*) Wht. Mts.
 208. *leptocarpum Sch.*, Mex.
 209. *Mexicanum Sch.*, Mex.
 210. *Mittenii Besch.*, Mex.
42. **SYMBLEPHARIS Mont.**
 211. *helicophylla Mont.*, Mex.
 212. *Chrismari C. M.*, Mex.

Family III. DISTICHEÆ.

43. **DISTICHIUM B. & S.**
 213. *capillaceum* *B. & S.*, No. E. U. S., Br. Am., Pac., Rky. Mts.
 214. *inclinatum* *B. & S.*, Ohio., No. and West., Col.

Tribe VI. EUSTICHIACEÆ.

Family I. EUSTICHIÆ.

44. **EUSTICHIUM Brid.**
 215. *Norvegicum* *Br. Eu.*, O., Pa., Ky., Mex.

Tribe VII. POTTIACEÆ.

Family I. POTTIEÆ.

45. **PHAROMITRIUM Sch.**
 216. *subsessile* *Sch.*, Br. Am., Col.
 217. *exiguum* *Aust.*, Tex., Ill.
46. **POTTIA Erh.**
A. Capsule gynostomous or nearly so.
 218. *cavifolia* (*Dicks.*), Pac. Coast, Col.
 219. *minutula* (*Schw.*), Texas.

- | | | |
|------|---|--------------------------------|
| 220. | truncata (<i>L.</i>),
var. <i>subcylindrica</i> , | N. E. and Mid. Sts.
Br. Am. |
| 221. | <i>Heimii Hedw.</i> , | Br. Am., Col., Pac. Coast. |
| 222. | <i>subsessilis B. & S.</i> , | Pac. Coast. |
| 223. | <i>riparia Aust. (Didymodon ?)</i> , | Mid. Sts. |
| 224. | <i>Mexicana Hpe.</i> , | Mex. |
| 225. | <i>exiguum Aust.</i> ,
<i>B. Capsule bearing a distinct peristome.</i> | Tex., Ill.
Pac. Coast. |
| 226. | <i>Starkeana (Hedw.)</i> , | |
| 227. | <i>latifolia (Schw.)</i> , | Br. Am., Rky. Mts., Cal. |
| 47. | DIDYMODON Hedw. | |
| 228. | <i>rubellus (Roth.)</i> , | U. S., Br. Am. |
| 229. | <i>luridus Horn.</i> , | Niag. Falls. |
| 230. | <i>cylindricus (Bruch.)</i> , | Mid. Sts. |
| 231. | <i>Mexicanus Besch.</i> , | Mex. |
| 232. | <i>aeneus Sch.</i> , | Mex. |
| 233. | * <i>diversifolius Aust. (Trichostomum tophaceum Brid. var.?)</i> , N. Y. | |

Family II. TRICHOSTOMEÆ.

- | | | |
|------|--|-----------------------------|
| 48. | TRICHOSTOMUM Sm. | |
| 234. | <i>tophaceum Brid.</i> , | Pac. Coast, Col., N. Y., O. |
| 235. | <i>rigidulum Sm.</i> , | Br. Am., Pac. Coast. |
| 236. | <i>crassinervium Hpe.</i> , | Pac. Coast. |
| 237. | <i>auomatum Sch.</i> , | Br. Am., Pac. Coast. |
| 238. | <i>flexipes B. & S.</i> , | Pac. Coast. |
| 239. | <i>corniculatum Wahl.</i> , | Pac. Coast. |
| 240. | <i>dicrauelloides Sch.</i> , | Mex. |
| 241. | <i>campylocarpum C. M.</i> , | Mex. |
| 242. | <i>obtusifolium Hpe.</i> , | Mex. |
| 243. | <i>crispulum Br.</i> , | Mex. |
| 244. | <i>subanomalum Besch.</i> , | Mex. |
| 245. | <i>Bescherellii Sch.</i> , | Mex. |
| 246. | <i>ramulosum Sch.</i> , | Mex. |
| 247. | <i>rubiginosum Mitt.</i> , | Br. Am. |
| 248. | <i>ulocalyx C. M.</i> , | Mex. |
| 249. | <i>stellatum C. M.</i> , | Mex. |
| 250. | <i>Inteolun Besch.</i> , | Mex. |
| 251. | <i>luridum Horn.</i> , | About the Gt. Lakes. |
| 252. | <i>macrostegium Sull.</i> , | Ala., La. |
| 253. | * <i>seitulum Aust. (Leptotrichum?)</i> , | N. J. |
| 254. | <i>subdenticulatum Aust.</i> , | Fla. |
| 255. | * <i>Coloradense Aust.</i> , | Cal. |
| 256. | <i>chlorophyllosum C. M.</i> , | Mex. |
| 257. | <i>flavo-virens Bruch. (Barbula tortifolia Jas.)</i> , | Fla. |

49.	CALYMPERES <i>Sie.</i>	
258.	disciforme <i>C. M.</i> ,	Fla., Mex.
259.	Richardi <i>C. M.</i> ,	Fla., Mex.
260.	Donnellii <i>Aust.</i> ,	Fla.
261.	*filigerum <i>Aust.</i> ,	Fla.
50.	SYRRHOPODON <i>Schwg.</i>	
262.	crispus <i>Aust.</i> ,	Fla.
263.	parvulus <i>Sch.</i> ,	Mex.
264.	Texanus <i>Sull.</i> ,	Gulf Sts., N. C.
265.	albovaginatus <i>Schwg.</i> ,	Mex.
266.	Hobsoni <i>H. & G.</i> ,	Mex.
267.	Floridanus <i>Sull.</i> ,	Fla., La.
268.	circinatus <i>Sch.</i> ,	Mex.
269.	*Rauei <i>Aust.</i> ,	Pa.
270.	Mohrii <i>C. M.</i> ,	Mex.
271.	Sartorii <i>C. M.</i> ,	Mex.
51.	DESMATODON <i>Brid.</i>	
272.	latifolius <i>Hedw.</i> ,	Pac. Coast, Col., Br. Am., G'land.
	" var. <i>glacialis</i> ,	Col.
273.	sistylius <i>B. & S.</i> ,	Col., Pac. Coast.
274.	cernuus (<i>Wahl.</i>),	Col., Br. Am.
275.	obliquus <i>B. & S.</i> ,	Rky. Mts.
276.	Laureri (<i>Schulz</i>),	Col.
277.	arenaceus <i>S. & L.</i> ,	Ohio.
278.	flavicans <i>Fenzl.</i> , (<i>Barbula obtusifolia Schwg.</i>),	Col., Br. Am.
279.	Porteri <i>Jas.</i> ,	Pa., Niag. Falls, O., Ill.
280.	Californicus <i>Lx.</i> ,	Cal.
281.	Sartorii <i>C. M.</i> ,	Mex.
282.	plinthobius <i>S. & L.</i> ,	Pa., O., So. Sts.
52.	BARBULA <i>Hedw.</i>	
	<i>A. Aloidella.</i>	
283.	brevirostris <i>B. & S.</i> ,	Br. Am.
284.	rigida <i>Schulz</i> ,	Ill., Col., Br. Am.
	<i>B. Barbula.</i>	
285.	membranifolia <i>Schulz</i> ,	Cal.
286.	chloronotus <i>Schulz</i> ,	Cal.
287.	atrovirens <i>Sm.</i> , var. <i>edentula</i> ,	Col., Cal.
288.	Gneppini <i>B. & S.</i> ,	Cal.
289.	cuneifolia <i>Dick.</i> ,	Cal.
290.	Vahliana <i>Schulz</i> ,	Cal.
291.	marginata <i>B. & S.</i> ,	Cal.
292.	muralis <i>Timm.</i> ,	N. J., Pa., So. Sts., Col.

<i>C. Tortula.</i>		
293. <i>ungiculata</i> <i>Dill.</i> ,	No. and East. U. S., Ala.	
294. <i>fallax</i> <i>Hedw.</i> ,	No. and East. U. S., Br. Am., Rky. Mts.	
295. <i>recurvifolia</i> <i>Sch.</i> ,	N. Y., N. J., and West to Col.	
296. <i>viuealis</i> <i>Br. Eu.</i> ,	O., Br. Am., Pac. Coast, Mex.	
" var. <i>placida</i> ,	Cal.	
297. <i>gracilis</i> <i>Schwg.</i> ,	Br. Am.	
298. <i>convoluta</i> <i>Hedw.</i> , var. <i>Americana</i> <i>Aust.</i> , Mid. Sts., O., Br. Am., {	Pac. }	
299. <i>cæspitosa</i> <i>Schwg.</i> ,	Atl. Sts. and West'd, Gulf Sts., Mex.	
300. <i>tortuosa</i> <i>W. & M.</i> ,	Mid. Sts., Br. Am., Rky. Mts.	
301. <i>fragilis</i> <i>Wils.</i> ,	N. J. to Canada, Rky. Mts.	
302. <i>Donnellii</i> <i>Aust.</i> ,	Fla.	
303. <i>agraria</i> <i>Swartz.</i> ,	Fla.	
304. <i>Raeui</i> <i>Aust.</i> ,	Tex.	
305. <i>gracilescens</i> <i>Sch.</i> ,	Mex.	
306. <i>graciliformis</i> <i>Sch.</i> ,	Mex.	
307. <i>leptocarpa</i> <i>Besch.</i> ,	Mex.	
308. <i>Bourgeana</i> <i>Besch.</i> ,	Mex.	
309. <i>erythropoda</i> <i>Sch.</i> ,	Mex.	
310. <i>rufipes</i> <i>Sch.</i> ,	Mex.	
311. <i>olivacea</i> <i>Besch.</i> ,	Mex.	
312. <i>teretiuscula</i> <i>Sch.</i> ,	Mex.	
313. <i>ferruginea</i> <i>Sch.</i> ,	Mex.	
314. <i>graminicola</i> <i>C. M.</i> ,	Mex.	
315. <i>Orizabana</i> <i>C. M.</i> ,	Mex.	
316. <i>flaccidiseta</i> <i>Ltz.</i> ,	Mex.	
317. <i>spiralis</i> <i>Sch.</i> ,	Mex.	
" var. <i>humilis</i> <i>C. M.</i> ,	Mex.	
318. <i>trichostomoides</i> <i>Besch.</i> ,	Mex.	
319. <i>Jooriana</i> <i>C. M.</i> (<i>B. Ravenelii</i> <i>Aust.</i>),	Ga., La.	
320. <i>Indica</i> <i>Hook.</i> (<i>B. Cruegeri</i> <i>Sond.</i> , <i>B. Closteri</i> <i>Aust.</i>),	La., N. J., Fla.	
321. <i>subfallax</i> <i>Mull.</i> ,	Pac. Coast.	
322. <i>semimorta</i> <i>Sull.</i> ,	Pac. Coast.	
323. <i>insulana</i> <i>D. N.</i> ,	Pac. Coast.	
324. <i>flexifolia</i> <i>Hpe.</i> ,	Pac. Coast.	
325. <i>aretocarpa</i> <i>Lx.</i> ,	Pac. Coast.	
326. <i>virescens</i> <i>Lx.</i> ,	Pac. Coast.	
327. <i>brachiphylla</i> <i>Sull.</i> ,	Pac. Coast.	
328. <i>Bolanderi</i> <i>Lx.</i> ,	Pac. Coast.	
329. <i>amplexa</i> <i>Lx.</i> ,	Pac. Coast.	
<i>D. Syntrichia.</i>		
330. <i>subulata</i> <i>Brid.</i>	N. E. Sts., N. Y., Ill., Cal., Br. Am.	
" var. <i>subinermis</i> ,	Col.	
" " <i>mucronifolia</i> (<i>B. mucronifolia</i> <i>Schwg.</i>),	N. Y., O., {	
	Br. Am., Col. }	

331.	<i>inermis</i> <i>Mont.</i> ,	Col., Pac. Coast.
332.	<i>kævipila</i> <i>Br. Eu.</i> ,	Pac. Coast., Br. Am.
333.	<i>latifolia</i> <i>Br. Eu.</i> ,	Pac. Coast.
334.	<i>ruralis</i> <i>Hedw.</i> ,	Br. Am., Col., Tex.
	“ var. <i>gigantea</i> ,	Pac. Coast.
335.	<i>papillosa</i> <i>Wils.</i> ,	N. E. to Fla.
336.	<i>Mulleri</i> <i>Bruch.</i> ,	Pac. Coast., Br. Am.
337.	<i>intermedia</i> <i>Brid.</i> ,	Pac. Coast., N. J.
338.	<i>glacialis</i> <i>Ktz.</i> ,	Mex.
339.	<i>amphidaeæ</i> <i>C. M.</i> ,	Mex.
340.	<i>brevipes</i> <i>Lx.</i> ,	Pac. Coast.
341.	<i>Ehrenbergiana</i> <i>C. M.</i> ,	Mex.
342.	<i>obtusissima</i> <i>C. M.</i> .	Mex.

Tribe VIII. GRIMMIACEÆ.

Family I. GRIMMIEÆ.

53.	<i>SCOULERIA</i> <i>Hook.</i>	
	343. <i>aquatica</i> <i>C. M.</i> ,	Pac. Coast.
54.	<i>GRIMMIA</i> <i>Ehr.</i>	
	<i>A. Schistidium.</i>	
	344. <i>sphærica</i> <i>Hedw.</i> ,	Br. Am.
	345. <i>conferta</i> <i>Funk.</i> , N. E. and Mid. Sts., Br. Am., Col., Pac. Coast.	
	“ var. <i>obtusifolia</i> ,	N. E.
	“ “ <i>longipila</i> ,	Mid. Sts.
	346. <i>apocarpa</i> <i>L.</i> ,	N. E. to Miss. Riv. and So. Col., Pac.
	“ var. <i>gracilis</i> ,	N. J.
	“ “ <i>rivularis</i> ,	Mid. Sts., Pac. Coast.
	347. <i>maritima</i> <i>Turn.</i> ,	Me., R. I., Newfound'd.
	348. <i>Agassizii</i> <i>S. & L.</i> ,	L. Superior and N. Brunsw'k.
	349. <i>Coloradensis</i> <i>Aust.</i> ,	Col.
	350. <i>ambigua</i> <i>Sull.</i> ,	N. Mex.
	351. <i>fuliginosa</i> <i>Sch.</i> ,	Mex.
	352. <i>Schiedeana</i> <i>C. M.</i> ,	Mex.
	353. <i>platyphylla</i> <i>Mitt.</i> ,	Col., Davis Straits.
	<i>B. Gasterogrinnmia.</i>	
	354. <i>Jamesii</i> <i>Aust.</i> ,	Rky. Mts.
	355. <i>anodon</i> <i>B. & L.</i> ,	Wht. Mts., Br. Am., Col.
	356. <i>brachyodon</i> <i>Aust.</i> ,	Cal.
	357. <i>plagiopoda</i> <i>Hedw.</i> ,	Rky. Mts.
	358. <i>Brandegeei</i> <i>Aust.</i> ,	Col.
	<i>C. Grimmia.</i>	
	359. <i>pulvinata</i> <i>Dill.</i> ,	Pac. Coast.
	360. <i>contorta</i> <i>Wahl.</i> ,	Pac. Coast.
	361. <i>torquata</i> <i>Grev.</i> ,	Br. Am.

362.	<i>Muhlenbeckii Sch.</i> ,	Pac. Coast.
363.	<i>trichophylla Grev.</i> ,	Col., Br. Am., Pac. Coast.
364.	<i>imberbis Ktz.</i> ,	Mex.
365.	<i>fuscolutea Hook.</i> ,	Mex.
366.	<i>Pennsylvanica Schw.</i> ,	Atlantic Sts., Mex.
367.	<i>Ohneyi Sull.</i> ,	Mid. Sts., Br. Am.
368.	<i>Californica Sull.</i> ,	Pac. Coast.
369.	<i>hamulosa Lx.</i> ,	Pac. Coast.
	<i>D. Gumbelia.</i>	
370.	<i>Donniana Sm (G. obtusa Schwg.)</i> ,	Wht. Mts., Br. Am.
371.	<i>ovata W. & M.</i> ,	N. Y., Col., Br. Am., Mex.
	“ var. <i>affinis</i> ,	Rky. Mts., Col.
372.	<i>leucophæa Grev.</i> ,	N. J., N. Y., O., Ga., Pac. Coast, Br. Am.
373.	<i>montana B. & S.</i> ,	Canada, Col.
374.	<i>alpestris Schl.</i> ,	Br. Am., Cal.
375.	<i>elongata Kauf.</i> ,	Wht. Mts.
376.	<i>unicolor Grev.</i> ,	N. Y., Mid. Sts., Br. Am.
377.	<i>laxa C. M.</i> ,	Mex.
378.	<i>calyprata Hook.</i> ,	New Mex., Col., Br. Am.
	<i>Incertæ sedis.</i>	
379.	* <i>subincurva Aust.</i> ,	Col.
55.	RACOMITRIUM Brid.	
380.	<i>Sudeticum Brid.</i> ,	Mid. Sts., Br. Am.
381.	<i>heterostichum Hedw.</i> ,	Pac. Coast, Col., Br. Am.
382.	<i>fasciculare Schrad.</i> ,	Alleg. Mts. and North, Br. Am.
383.	<i>microcarpum Hedw.</i> ,	Mid. Sts.
384.	<i>langinosum Hedw.</i> ,	N. E. to Or., Vanc'r I., G'land.
385.	<i>cauescens Hedw.</i> ,	N. E. to Vanc'r I.
386.	* <i>varium Mitt.</i> ,	Br. Columb.
387.	* <i>Nevii C. M.</i> ,	Oregon.
388.	<i>cylindricum Sch.</i> ,	Mex.
389.	<i>patens Dicks.</i> ,	Pac. Coast.
390.	<i>depressum Lx.</i> ,	Pac. Coast.

Family II. HEDWIGIEÆ.

56.	HEDWIGIA Ehr.	
391.	<i>ciliata Ehr.</i> ,	Atl. Sts., Col., Pac. Coast.
	“ var. <i>leucophæa</i> ,	Col., Br. Am.
	“ “ <i>falcata</i> ,	Oregon.
392.	<i>subrevoluta C. M.</i> ,	Mex.
57.	HEDWIGIDIUM B. & S.	
393.	<i>squarrulosum B. & S.</i> ,	Mex.

58. **BRAUNIA** *B.* & *S.*
- | | |
|---|---------------------|
| 394. <i>Californica</i> <i>Lx.</i> (<i>H. pilifera</i> <i>Mitt.</i>), | Pac. Coast, Br. Am. |
| 395. <i>secunda</i> <i>B.</i> & <i>S.</i> , | Mex. |
| 396. <i>Andreuxii</i> <i>Ltz.</i> , | Mex. |
| 397. <i>Liebmanniana</i> <i>Sch.</i> , | Mex. |

Family III. 'PTYCHOMITRIEÆ.'

59. **COSCINODON** *Spreng.*
- | | |
|-------------------------------------|--------------------------|
| 398. <i>Wrightii</i> <i>Sull.</i> , | Tex., Na., N. Mex., Col. |
| 399. <i>Rauei</i> <i>Aust.</i> , | Col. |
60. **PTYCHOMITRIUM** *B.* & *S.*
- | | |
|---|---------------------------------|
| 400. <i>incurvum</i> <i>Schwg.</i> (<i>P. pygmaeum</i> <i>L. & J.</i>), N. Y. to Ga., O., Kan., Mo. | |
| 401. <i>Drummondii</i> <i>H</i> & <i>W.</i> , | So. Ill. to S. C. and the Gulf. |
| 402. <i>lepidomitrium</i> <i>Sch.</i> , | Mex. |
| 403. <i>Reichenbachianum</i> <i>Ltz.</i> , | Mex. |
| 404. <i>serratum</i> <i>Sch.</i> , | Mex. |
| 405. <i>Gardneri</i> <i>Lx.</i> , | Cal. |
61. **GLYPHOMITRIUM** *Brid.*
- | | |
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| 406. <i>Canadense</i> <i>Mitt.</i> , | Br. Am. |
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Family IV. ZYGODONTEÆ.

62. **AMPHORIDIUM** *Sch.*
- | | |
|---|---------------------------------------|
| 407. <i>Lapponicum</i> <i>Hedw.</i> , | Mid. Sts., Br. Am., Col., Pac. Coast. |
| 408. <i>Mougeotii</i> <i>B.</i> & <i>S.</i> , | Mid. Sts., Col. |
| 409. <i>cæspitosum</i> <i>Mitt.</i> , | Vane'r I. |
63. **ZYGODON** *H.* & *T.*
- | | |
|--|-------------|
| 410. <i>Californicus</i> <i>Hpe.</i> , | Pac. Coast. |
| 411. <i>Sullivantii</i> <i>C. M.</i> , | N. C. |
| 412. <i>affinis</i> <i>Sch.</i> , | Mex. |
| 413. <i>cylindricus</i> <i>Sch.</i> , | Mex. |
| 414. <i>Liebmanni</i> <i>Sch.</i> , | Mex. |
| 415. <i>spathulæfolius</i> <i>Besch.</i> , | Mex. |
| 416. <i>angustatus</i> <i>Sch.</i> , | Mex. |
| 417. <i>Ehrenbergii</i> <i>C. M.</i> , | Mex. |
| 418. <i>circinatus</i> <i>Sch.</i> , | Mex. |
| 419. <i>campylophyllus</i> <i>C. M.</i> , | Mex. |
64. **DRUMMONDIA** *Hook.*,
- | | |
|---------------------------------------|-------------|
| 420. <i>clavellata</i> <i>Hook.</i> , | Can. to Ga. |
|---------------------------------------|-------------|

65.	<i>MACROMITRIUM Brid.</i>	
421.	<i>Lieboldtii Hpe.</i> ,	Mex.
422.	<i>Mexicanum Mitt.</i> ,	Mex.
423.	<i>Ghiesbrechtii Besch.</i> ,	Mex.
	“ <i>brevifolium</i> .	Mex.
424.	<i>rhabdocarpum Mitt.</i> ,	Fla., Mex.
425.	<i>Sumichrasti Duby.</i> ,	Mex.
426.	<i>flexuosum Sch.</i> ,	Mex.
427.	<i>pentastichum C. M.</i> ,	Mex.
428.	<i>tomentosum C. M.</i> ,	Mex.
429.	<i>tortuosum Sch.</i> ,	Mex.
430.	<i>Mulleri Sch.</i> ,	Mex.
431.	<i>leptophyllum Besch.</i> ,	Mex.
432.	<i>Dregei Hoch.</i> ?	Neb., Ga.
433.	<i>perpusillum C. M.</i> ,	Mex.
434.	<i>Sartori C. M.</i> ,	Mex.
	“ <i>var. gracilescens</i> ,	Mex.
	“ “ <i>robustius C. M.</i> ,	Mex.
66.	<i>MICROMITRIUM Sch.</i>	
435.	<i>Schlumbergeri Sch.</i> ,	Mex.
67.	<i>SCHLOTHEIMIA Brid.</i>	
436.	<i>Sullivanti C. M.</i> ,	Gulf Sts.
437.	<i>Sartorii Sch.</i> ,	Mex.
438.	<i>sphaeropoma Duby.</i> ,	Mex.
439.	<i>Mohriana C. M.</i> ,	Mex.

Family V. ORTHOTRICHEÆ.

68.	<i>ULOTA Brid.</i>	
440.	<i>Drummondii Grev.</i>	Br. Am.
441.	<i>Ludwigii Brid.</i> ,	N. Y., Alleg'y Mts., Br. Am.
442.	<i>curvifolia Wahl.</i> ,	Br. Am.
443.	<i>crispa Hedw.</i> ,	No. and East. U. S., Br. Am.
444.	* <i>crispula Hornsch.</i> ,	No. and East. U. S., Br. Am.
445.	<i>phyllantha Brid.</i> ,	Pac. Coast.
446.	<i>Hutchinsiae Smith.</i> ,	Atl. Sts., Col., G'land.
447.	<i>Barclayi Mitt.</i> ,	Alaska.
69.	<i>ORTHOTRICHUM Hedw.</i>	
	<i>A. Peristome usually simple.</i>	
448.	<i>anomalum Hedw.</i>	No. and East, U. S., Br. Am., Col., G'land.

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|------|--|--|
| 449. | <i>cupulatum</i> Hoffm., | |
| " | var. <i>Peckii</i> , } | (<i>O. Porteri</i> (<i>S. & L.</i>), <i>Aust.</i>) Pa., N. Y., |
| " | " <i>Porteri</i> , } | N. J., Ga. |
| " | " <i>parvulum</i> , | N. E. Sts.,? N. Mex., Col. |
| " | " <i>minus</i> , (<i>O. Lescurii</i> <i>Aust.</i>) | Mid. and N. E. Sts.,
Col., Lake Ont. { |
| 450. | <i>Sturmii</i> <i>H. & H.</i> , | Tex., N. Mex., Col., Cal. |
| 451. | <i>Texanum</i> <i>Sull.</i> , | Tex., N. Mex., Col., Pac. Coast. |
| | " var. <i>globosum</i> , | Pac. Coast. |
| 452. | <i>Jamesianum</i> <i>Sull.</i> , | Can., Na. |
| | <i>B. Peristome double, ciliae either 8 or 16.</i> | |
| 453. | <i>rupestrum</i> Sch., | Col., Pac. Coast. |
| 454. | <i>obtusifolium</i> Schrad., | Mid. Sts. |
| 455. | <i>affine</i> Schrad., | Lake Superior region. |
| 456. | <i>speciosum</i> Nees., | Br. Am., Col., Pac. Coast. |
| | " var. <i>polyanthum</i> <i>Lx.</i> , | Cal. |
| | " " <i>brevicaule</i> <i>Lx.</i> , | Pac. Coast. |
| 457. | <i>Raeui</i> <i>Aust.</i> , | Col. |
| 458. | <i>alpestre</i> <i>Hornsch.</i> , var. | Can., Rky. Mts. |
| 459. | <i>fallax</i> <i>Swartz.</i> , | N. J. |
| | " var. <i>truncatulum</i> <i>Aust.</i> , | Ill. |
| 460. | <i>tenellum</i> <i>Bruch.</i> , | Col. |
| 461. | <i>exiguum</i> <i>Sull.</i> , | S. C. |
| 462. | <i>brachytrichum</i> Sch., | Pa., N. Y., Lake Sup., Br. Columb. |
| 463. | <i>strangulatum</i> <i>Beauv.</i> , | N. E. Sts. to Va. and O. (?) |
| 464. | * <i>sordidum</i> <i>S. & L.</i> , | Mid. and N. E. Sts., Br. Am. |
| 465. | <i>Ohioense</i> <i>S. & L.</i> , | O., Mid. and N. E. Sts., Br. Am. |
| 466. | <i>psilocarpum</i> <i>Jas.</i> (<i>O. pusillum</i> <i>Mitt.</i> ?), | Mid. Sts., Conn., S. C. |
| 467. | <i>Hallii</i> <i>S. & L.</i> , | Col. |
| 468. | <i>Kingianum</i> <i>Lx.</i> , | Col., Na. |
| 469. | <i>Macounii</i> <i>Aust.</i> , | Br. Columb. |
| 470. | <i>Bolanderi</i> <i>Sull.</i> , | Cal. |
| 471. | <i>cylindricarpum</i> <i>Lx.</i> (<i>O. Coulteri</i> <i>Mitt.</i> ?), | Cal., Col. |
| 472. | <i>consimile</i> <i>Mitt.</i> , | Br. Am., Col., Pac. Coast. |
| 473. | <i>Columbicium</i> <i>Mitt.</i> , | Pac. Coast. |
| 474. | <i>elegans</i> Sch., | Br. Columb. |
| 475. | <i>Watsoni</i> <i>Jas.</i> , | Na., Col. |
| | <i>C. Peristomal teeth 8 soon broken up into 16, ciliae 16.</i> | |
| 476. | <i>pallens</i> <i>Bruch.</i> , | Br. Columb. |
| 477. | <i>rivulare</i> <i>Turn.</i> , | Pac. Coast. |
| 478. | <i>diaphanum</i> Schrad. (<i>O. canum</i> <i>Mitt.</i>), | Br. Am., Col. |
| 479. | <i>pulchellum</i> Sm., | Br. Am., Pac. Coast. |
| 480. | <i>Hainesiae</i> <i>Aust.</i> , | Col. |
| 481. | <i>pycnophyllum</i> Sch., | Mex. |
| 482. | <i>recurvans</i> Sch., | Mex. |

D. Peristomial teeth 16 composed of a double series of cells, eroded at the sides and papillose.

483. *Lyellii H. & T.*, Br. Am., Pac. Coast.
 484. *leiocarpum B. & S. (O. speciosum Nees. var. *polyanthum* Lx.)* fide Aust.), N. E. Sts., Br. Am. {

Family VI. ENCALYPTÆ.

70. *ENCALYPTA Schrad.*
 485. *commutata N. & H.*, Br. Am., Rky. Mts.
 486. *vulgaris Hedw.*, Br. Am., Rky. Mts., Pac. Coast.
 " var. *obtusa*, Col.
 487. *rhabdocarpa Schwg.*, Br. Am., Rky. Mts., N. Mex.
 488. *ciliata Hedw.*, N. H., N. Y., O., Br. Am., Rky. Mts., Pac. Coast.
 489. *apophysata N. & H.*, Rky. Mts.
 490. *procera Bruch*, Br. Am.
 491. *streptocarpa Hedw.*, Mid. Sts., Br. Am., Cal.
 492. *Mexicana C. M.*, Mex.
 493. **longipes Mitt.*, Rky. Mts.
 494. *Macounii Aust.*, Can.
 495. *Selwyini Aust.*, Vanc'r I.

Tribe IX. TETRAPHIDACEÆ.

Family I. TETRAPHIDEÆ.

71. *TETRAPHIS Hedw.*
 496. *pellucida Hedw.*, U. S., Br. Am.
 72. *TETRODONTIUM Schwg.*
 497. *repandum Funk*, Wht. Mts., N. H.

Tribe X. SCHISTOSTEGACEÆ.

Family I. SCHISTOSTEGEÆ.

73. *SCHISTOSTEGA Mohr.*
 498. *osmundaceæ W. & M.*, N. Y., Wht. Mts., Br. Am.

Tribe XI. SPLACHNACEÆ.

Family I. TAYLORIEÆ.

74. *DISSODON G. & A.*
 499. *Frœlicianus Frœl.*, Rky. Mts.
 500. *Hornschuchii Grer.*, Rky. Mts.
 501. *splachnoides Thun.*, Col., Br. Am.

75. **TAYLORIA Hook.**
 502. *splachnoides* *Hook.*, Col., Br. Am.
 503. *serrata* *B. & S.*, Pac. Coast, Col., Br. Am.
 504. *tenuis* *Dicks.*, G'land.

Family II. SPLACHNEÆ.

76. **TETRAPLODON B. & S.**
 505. *angustatus* *B. & S.*, Wht. Mts., Br. Am., Arc. regions.
 506. *australis* *S. & L.*, Atl. Sts.
 507. *mnioides* *B. & S.*, N. Y., Br. Am., G'land.
 " var. *Adamsianus*, Arc. regions.
 " " *cavifolius*, Arc. regions.
 508. *urceolatus* *B. & S.*, Rky. Mts.
77. **SPLACHNUM L.**
 509. *Wormskjoldii Hornsch.*, Arc. Am., G'land.
 510. *sphaericum* *L.*, Br. Am.
 511. *vasculosum* *L.*, Arc. regions.
 512. *ampullaceum* *L.*, N. E. to Pa. and O.
 513. *rubrum* *L.* (*S. Fowleri Aust.*), Me., Br. Am.
 514. *melanocaulon* *Schw.*, Pac. Coast.

Tribe XII. DISCELIACEÆ.

Family I. DISCELIEÆ.

78. **DISCELIUM Brid.**
 515. *nudum* *Dicks.*, Pa., O., Can. to Vanc'r I.

Tribe XIII. FUNARIACEÆ.

Family I. PHYSCOMITRIEÆ.

79. **APHANORRHEGMA Sull.**
 516. *serratum* *Sull.*, Mid. and West. Sts.
80. **PYRAMIDULA Brid.**
 517. *tetragona* *Brid.*, N. Am.
81. **PHYSCOMITRIUM Brid.**
 518. *pyriforme* *L.*, Ill., Atl. Sts., Fla., La., Br. Am., Col., Pac. Coast.
 519. *hians* *Lindbg.* (*P. latifolium Hook.*), O., Col.
 520. *immersum* *Sull.*, Ill., Mid. Sts., O., S. C.
 521. *subsphaericum* *Sch.*, Mex.
 522. *tetragonum* *B. & S.*, Ind., Tex., Col.

82. *EUTOSTHODON Schw.*
- | | |
|---------------------------------|-------------|
| 523. <i>Drummondi Sull.</i> , | Gulf Sts. |
| 524. <i>Bolanderi Lx.</i> , | Pac. Coast. |
| 525. <i>Templetoni Schwg.</i> , | Pac. Coast. |
| 526. <i>longisetus Sch.</i> , | Pac. Coast. |
83. *FUNARIA Schreb.*
- | | |
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| 527. <i>Americana Lindbg. (F. Muhlenbergii Hedw.)</i> , | Pa. |
| 528. <i>Mediterranea Lindbg. (F. Muhlenbergii Schwg. and F. calcarea { Sch.)</i> , | Cal. } |
| 529. <i>calcarea Wohl. (F. Hibernica H. & T.)</i> , | Br. Am. |
| 530. <i>serrata Beauv.</i> , | Pa. to So. Sts. |
| 531. <i>Californica S. & L.</i> , | Cal. |
| 532. <i>flavicans Michx.</i> , West. and So. U. S., and the coast North'd. | |
| 533. <i>hygrometrica Hedw.</i> , | U. S., Br. Am. |
| " var. <i>patula</i> , | Pa., N. J., Col., Pac. Coast. |
| " " <i>calvescens</i> , | Pa., O., So. Sts. to Mex. |
| 534. <i>annulata Besch.</i> , | Mex. |
| 535. <i>obtusata Sch.</i> , | Mex. |
| 536. <i>convoluta Hpe.</i> , | Cal. |
| 537. <i>microstoma B. & S.</i> , | Cal. |
| 538. <i>Ravenellii Aust.</i> , | S. C. |
| 539. <i>Sartorii C. M.</i> , | Mex. |
| 540. <i>Orizabensis C. M.</i> , | Mex. |

Tribe XIV. BRYACEÆ.

Family I. PLEUROBRYEÆ.

84. *MIELICHOFEIRA N. & H.*
- | | |
|---|---------------------------|
| 541. <i>*compacta Aust. (Bryum ?)</i> , | Wht. Mts., N. J., Br. Am. |
| 542. <i>macrocarpa B. & S.</i> , | Mex. |
| 543. <i>Schiediana C. M.</i> , | Mex. |
| 544. <i>campylotheca C. M.</i> , | Mex. |

Family II. BRYEÆ.

85. *LEPTOBRYUM Sch.*
- | | |
|----------------------------|----------------------|
| 545. <i>pyriforme L.</i> , | Br. Am., U. S., Mex. |
|----------------------------|----------------------|
86. *WEBERA H.*
- | | |
|--|----------------------------------|
| 546. <i>acuminata H. & H.</i> , | N. Y., Adirond'k Mts. |
| 547. <i>polymorpha H. & H.</i> , | Pac. Coast. |
| 548. <i>elongata Dicks.</i> , | Wht. Mts., N. Y., So. Sts., Col. |
| " var. <i>humilis B. & S.</i> , | Br. Am., Col. |
| 549. <i>longicolla Swartz.</i> , | Br. Am. Pac. Coast. |

550.	<i>Lescuriana Sull.</i> ,	N. E., Mid. Sts., Va., Br. Am.
551.	<i>nutans Schreb.</i> ,	No. and East. U. S., Pac. Coast.
	“ var. <i>cæspitosa</i> ,	Col.
	“ “ <i>bicolor</i> ,	Pa.
	“ “ <i>longiseta</i> ,	Col.
552.	<i>cucullata Schwg.</i> ,	Wht. Mts., Pac. Coast.
553.	<i>cruda Schreb.</i> ,	No. and East. U. S., Br. Am., Col., Mex.
554.	<i>Schimperi C. M.</i> ,	G'land.
555.	<i>annotina Hedw.</i> ,	N. E., Mid. Sts., Br. Am.
556.	<i>Bolanderi Lx.</i> ,	Cal.
557.	<i>Ludwigii Schwg.</i> ,	Br. Am., Rky. Mts., Pac. Coast.
558.	<i>Tozeri Grev.</i> ,	Pac. Coast,
559.	<i>albicans Wahl.</i> ,	No. and East. U. S., Br. Am., Pac. Coast.
	“ <i>gracilior</i> ,	Pac. Coast.
560.	<i>integridens Sch.</i> ,	Mex.
561.	<i>spectabilis Hpe.</i> ,	Mex.
562.	<i>cylindrica Sch.</i> ,	Mex.
563.	<i>Mulleriana Sch.</i> ,	Mex.
564.	<i>falcata Besch.</i> ,	Mex.
565.	<i>nudicaulis Lx.</i> ,	Pac. Coast.
566.	<i>subdenticulata B. & S.</i> ,	Col.

87. *BRYUM Dill.*

567.	<i>arcticum R. Br.</i> ,	Pac. Coast, Rky. Mts., Br. Am., G'land.
568.	<i>purpurascens R. Br.</i> ,	Rky. Mts., Br. Am.
569.	<i>Brownii R. Br.</i> ,	Rky. Mts., Br. Am.
570.	<i>Lindgreni Sch.</i> (<i>B. arcticum B. & S.</i>),	Pac. Coast. Rky. Mts.
571.	<i>pendulum Hornsch.</i> (<i>B. cernuum B. & S.</i>),	No. and East. U. S., { Br. Am., Rky. Mts., Pac. Coast. }
572.	<i>inclinatum Swartz.</i> ,	Br. Am., Pac. Coast.
573.	<i>Warneum Bland</i> ,	Pac. Coast.
574.	<i>uliginosum Bruch</i> ,	Mid. and West. Sts., Br. Am., Rky. Mts.
575.	<i>flexuosum Aust.</i> ,	Br. Columb.
576.	<i>intermedium W. & M.</i> ,	U. S., Br. Am.
577.	<i>cirrhatum H. & H.</i> ,	Col., Pac. Coast.
578.	<i>bimum Schreb.</i> ,	No. and East. Sts., Rky. Mts., Pac. Coast.
579.	<i>torquescens B. & S.</i> ,	Br. Am., Tex., N. Mex., Ala., Pac. Coast.
580.	<i>provinciale Phil.</i> ,	Fla.
581.	<i>pallescens Schleich.</i> ,	O., Br. Am., Col., Pac. Coast.
582.	<i>subrotundum Brid.</i> ,	Br. Am., Pac. Coast.
583.	<i>atropurpureum W. & M.</i> ,	O., Tenn., Ala., Fla.
584.	<i>murale Wils.</i> ,	Mex.
585.	<i>alpinum Link</i> ,	Wht. Mts.
586.	<i>Muhlenbeckii B. & S.</i> ,	Pa., Col.
587.	<i>cæspiticium L.</i> , No. and East. U. S., Col., Ala., Br. Am., Pac. Cst.	

588.	<i>Blindii B. & S.</i> ,	Br. Am.
589.	<i>argenteum L.</i> ,	U. S., Br. Am.
	“ var. <i>corrugatum Hpe.</i> ,	Mex.
590.	<i>capillare L.</i> ,	U. S., Mex.
	“ var. <i>longicolla</i> ,	Mex.
591.	<i>obconicum Hornsch.</i> ,	Col., Pac. Coast.
592.	<i>Canariense Brid.</i> ,	Pac. Coast.
593.	<i>cyclophyllum Schwg.</i> ,	Mid. Sts.
594.	<i>pallens Swartz</i> ,	Mid. Sts., Br. Am.
595.	<i>Duvallii Voit</i> ,	N. E., Pac. Coast.
596.	<i>pseudo-triquetrum Schwg.</i> ,	No. and East U. S., Br. Am., } Col., Pac. Coast. }
597.	<i>turbinatum Hedw.</i> ,	Col., Can., and West'd to Pac. Coast.
	“ var. <i>latifolium</i> ,	Pac. Coast.
598.	<i>systilium C. M.</i> ,	Mex.
599.	<i>imbricatum Sch.</i> ,	Mex.
600.	<i>minutulum Hpe.</i> ,	Mex.
601.	<i>Mexicanum Mont.</i> ,	Mex.
602.	<i>tenellum Sch.</i> ,	Mex.
603.	<i>rosulatum C. M.</i> ,	Mex.
604.	<i>patulum Sch.</i> ,	Mex.
605.	<i>angustatum Sch.</i> ,	Mex.
606.	* <i>Clintoni Aust.</i> ,	N. Y.
607.	<i>Biddlecomiae Aust.</i> ,	Col.
608.	* <i>Macounii Aust.</i> ,	Br. Am., Pac. Coast.
609.	* <i>Rauei Aust.</i> ,	Wht. and Catskill Mts.
610.	<i>sanguineum Ludw.</i> ,	Ala.
611.	<i>occidentale Sull.</i> ,	Pac. Coast.
612.	<i>Californicum Sull.</i> ,	Pac. Coast.
613.	<i>Bigelowii Sull.</i> ,	Pac. Coast.
614.	<i>Atwateriae C. M.</i> ,	Col.
615.	<i>Mohrii Lx.</i> ,	La.
616.	<i>minutulum Sch.</i> ,	Mex.
617.	<i>plagiopodium Sch.</i> ,	Mex.
618.	<i>brevicaule Sch.</i> ,	Mex.
619.	<i>Pohliaeforme Sch.</i> ,	Mex.
620.	<i>coronatum Schwg.</i> ,	Fla., Mex.
621.	<i>andicola Hook.</i> ,	Mex.
622.	<i>Bolteri C. M.</i> ,	Mex.
623.	<i>Mexicanum Mont.</i> ,	Mex.
624.	<i>didymodontium Mitt.</i> ,	Mex.
625.	<i>miniatum Lx.</i> ,	Col.
626.	<i>Oreganum Sull.</i> ,	Cal.
627.	<i>roseum Schreb.</i> ,	U. S., Br. Am.
628.	<i>domingense Steud.</i> ,	Mex.

629. procerum Sch., Mex.
 630. Ehrenbergianum C. M., Mex.
 631. comatum Besch., Mex.
 632. subroseum Besch., Mex.
 633. Liebmanni Sch., Mex.
 634. Sartorii Sch., Mex.
 635. concinnatum Spruce, N. Y.
 636. prostratum C. M., Mex.
88. ZIERIA Sch.
 637. julacea Dicks., Col.
 638. demissa Hornsch., Col.
89. RHIZOGONIUM Br.
 639. spiniforme Br., Gulf Sts., Mex.
 640. Menziesii (Hook.) (*Mnium Menziesii* Hook.), Cal., Or., Br. Colb.
90. MNIUM L.
- A. Leaves bordered simply serrate.*
641. cuspidatum Hedw., No. and East. U. S., Br. Am., Col.
 642. affine Bland., No. and East. U. S., Br. Am., Pac. Coast.
 " var. elatum, Pa., Col.
 " " rugieum, Ohio.
643. medium B. & S., Mid. Sts., Br. Am., Pac. Coast.
 644. Drummondii B. & S., Mts. of N. E., N. Y., Pa., Br. Am.
 645. rostratum Schrad., No. and East. U. S., Br. Am., Mex., Col.
 646. *insigne Mitt. (*M. affine* Bland. var.?), Pac. Coast.
 647. venustum Mitt., Pac. Coast.
 648. *Nevii C. M., Oregon.
- B. Leaves bordered doubly dentate.*
649. hornum L., No. and East. U. S., Br. Am.
 650. serratum Schrad., No. and East. U. S., Br. Am., Col.
 651. orthorrhynchum B. & S., No. and East. U. S., Br. Am.
 652. lycopodioides Hook., No. and East. U. S., Br. Am.
 653. spinosum Voit, Col.
 654. spinulosum B. & S., U. S., Br. Am.
 655. *umbratile Mitt., Br. Columb.
- C. Leaves not bordered.*
656. stellare Hedw., No. and East. U. S., Br. Am.
 657. cinclidioides Blytt., No. and East. U. S., Br. Am.
- D. Leaves bordered entire.*
658. punctatum Hedw., No. and East. U. S., Br. Am.
 659. subglobosum B. & S., Br. Am., Col., Pac. Coast.
91. CINCLIDIUM Swartz., Schrad.
 660. stygium Swartz., Labrador, G'land.

661. *subrotundum* *Brid.*,

Labrador, G'land.

Family III. AMBLYODONTEÆ.92. *AMBLYODON P.* *Beaur.*662. *dealbatus* *Dicks.*,

N. Y., Wis., Col.

Family IV. MEESEÆ.93. *CATOSCOPIUM* *Brid.*663. *nigritum* *Brid.*,

Rky. Mts., Br. Am.

94. *MEESEA Hedw.* (*Meesia.*)664. *trichodes* (*L.*) *Spruce* (*M. uliginosa Hedw.*), Wht. Mts., N. Y., {
O., Br. Am., Col., Pac. Coast.}" *var. alpina.* Alpine and Northern regions.665. *longiseta Hedw.*, N. E. and Mid. Sts., Pac. Coast.666. *triquetra* (*L.*) *Lindbg.* (*M. tristicha Funk.*), Mid. Sts., Br. Am., {
Pac. Coast.}667. *Macouni* *Aust.*, Br. Columb.95. *PALUDELLA Ehr.*668. *squarrosa L.*, N. Y., Br. Am., Arc. regions.**Family V. AULACOMNIEÆ.**96. *AULACOMNION Schw.*669. *androgynum L.*, Col., Br. Am., Pac. Coast.670. *palustre L.* (*A. papillosum C. M.*), U. S., Br. Am.
" *var. rupestris,* Atl. Sts.671. *turgidum Wahl.*, Adirond'k and Wht. Mts., G'land.672. *heterostichum Br. Eu.*, No. and East. U. S., Br. Am.**Family VI. BARTRAMIEÆ.**97. *BARTRAMIA Hedw.*673. *subulata B. & S.*, Col.674. *stricta Brid.*, Pac. Coast.675. *Menziesii (Hook.)*, Pac. Coast.676. *Campylopus Sch.*, Mex.677. *subithyphylla Besch.*, Mex.678. *ithyphyloides Sch.*, Mex.679. *Schimperi C. M.*, Mex.680. *glauea Ltz.*, Mex.681. *ithyphylla Brid.*, Alleg'y and Rky. Mts., Br. Am.

682. pomiformis L., No. and East. U. S., Br. Am.
 683. Halleriana Hedw., No. Am.
 684. Oederi Gun., No. and East. U. S., Br. Am.
98. GLYPHOCARPA R. Br.
 685. intertexta Sch., Mex.
99. CONOSTOMUM Sw.
 686. boreale Dicks., Adirond'k and Alleg'y Mts.
100. BARTRAMIDULA B. & S.
 687. Wilsoni B. & S., N. J.
101. PHILONOTIS Brid.
 688. Marchica Brid. (*B. Muhlenbergii* Schw.), No. and East. U. S., {
 Br. Am., Rky. Mts., Pac. Coast.
 689. fontana L., No. and East. U. S., Br. Am., Rky. Mts., Pac. Coast.
 " var. falcata, Col., N. J., Wht. Mts.
 690. radicalis Beaur., Pa., O., So. Sts.
 " var. Porteri Aust., Pa., O., N. Y.
 691. tenella Hedw., Fla.
 692. graminicola C. M., Mex.
 693. Mohriana C. M., Mex.
 694. Orizabana Sch., Mex.
 695. brachyelada Besch., Mex.
 696. erythrocaulis C. M., Mex.
 697. amblyoblaste C. M., Mex.
 698. Sartorii C. M., Mex.
102. BREUTELIA Sch.
 699. arenata Dicks., Mex.
 700. subarcuata Sch., Mex.
 701. intermedia Hpe., Mex.

Family VII. TIMMIEÆ.

103. TIMMIA H.
 702. megapolitana Hedw. (*T. bavarica* Hes.), No. and East. U. S., {
 Br. Am., Rky. Mts., Pac. Coast.
 703. Austriaca Hedw., Br. Am., Br. Colnmb., Col.

Tribe XV. POLYTRICHACEÆ.

Family I. POLYTRICHEÆ.

104. ATRICNOM P. Beaur.
 704. undulatum L., U. S., Br. Am.

705.	<i>angustatum</i> <i>Brid.</i> ,	No. Am.
706.	<i>crispum</i> <i>Jas.</i> ,	Mid. Sts., Br. Am.
707.	<i>parallelum</i> <i>Mitt.</i> ,	Rky. Mts., Br. Am.
708.	<i>Selwyni</i> <i>Aust.</i> ,	No. West. Coast, Br. Am.
709.	<i>Lescurii</i> <i>Jas.</i> ,	Alaska.
710.	<i>polycarpum</i> <i>Sch.</i> ,	Mex.
711.	<i>subulirostrum</i> <i>Sch.</i> ,	Mex.
712.	<i>Mulleri</i> <i>Sch.</i> ,	Mex.
713.	<i>torquescens</i> <i>Sch.</i> ,	Mex.
105.	OLIGOTRICHUM D. C.	
714.	<i>Aligerum</i> <i>Mitt.</i> ,	Rky. Mts.
715.	<i>Lyellii</i> <i>Mitt.</i> ,	Pac. Coast, Rky. Mts.
106.	PSIOPILUM <i>Brid.</i>	
716.	<i>arcticum</i> <i>Wahl.</i> ,	Arc. America.
107.	POGONATUM P. Beauv.	
717.	<i>tenue</i> <i>Menz.</i> (<i>P. brevicaule</i> <i>Brid.</i>),	East. and West. Sts., La.
718.	<i>brachiphyllum</i> (<i>Mx.</i>) <i>Beauv.</i> ,	N. J. to So. Sts.
719.	<i>capillare</i> <i>Mx.</i> ,	Br. Am., Rky. Mts.
	“ var. <i>dentatum</i> ,	Alaska.
720.	<i>contortum</i> <i>Menz.</i> ,	Pac. Coast.
721.	<i>urnigerum</i> <i>Brid.</i> , Wht., Adirond'k, Catskill, Alleg'y Mts., Col.	
722.	<i>atrovirens</i> <i>Mitt.</i>	Alaska, Br. Am. and South'd.
723.	<i>alpinum</i> <i>Brid.</i> ,	N. E. and Mid. Sts. to Col., Pac. Coast.
	“ var. <i>septentrionale</i> ,	Col.
724.	<i>cuspidatum</i> <i>Besch.</i> ,	Mex.
725.	<i>Schmitzii</i> <i>Besch.</i> ,	Mex.
726.	<i>Bescherellii</i> <i>Hpe.</i> ,	Mex.
727.	<i>Tolucense</i> <i>Hpe.</i> ,	Mex.
728.	<i>comosum</i> <i>Sch.</i> ,	Mex.
729.	<i>campylocarpum</i> <i>C. M.</i> ,	Mex.
730.	<i>subgracile</i> <i>Hpe.</i> ,	Mex.
731.	<i>albovaginatum</i> <i>Hpe.</i> ,	Mex.
732.	<i>Liebmanni</i> <i>Sch.</i> ,	Mex.
733.	<i>leptocarpum</i> <i>Besch.</i> ,	Mex.
734.	<i>glaciale</i> <i>Mitt.</i> ,	Mex.
735.	<i>Schlumbergeri</i> <i>Sch.</i> ,	Mex.
736.	<i>robustum</i> <i>Sch.</i> ,	Mex.
737.	<i>ericifolium</i> <i>Besch.</i> ,	Mex.
738.	<i>cylindricum</i> <i>Sch.</i> ,	Mex.
739.	<i>macropogon</i> <i>Sch.</i> ,	Mex.
108.	POLYTRICHUM L.	
740.	<i>gracile</i> <i>Menz.</i> ,	O., Br. Am., Col.

741.	<i>formosum</i> <i>Hedw.</i> ,	East. U. S., Br. Am.
742.	<i>piliferum</i> <i>Schreb.</i> , N. Y., N. J., O., Br. Am., Col., Pac. Coast.	Col., Pac. Coast.
	“ var. <i>lævipilum</i> ,	Col., Pac. Coast.
743.	<i>juniperinum</i> <i>Hedw.</i> ,	U. S., Br. Am.
	“ var. <i>alpinum</i> ,	Rky. Mts.
	“ “ <i>strictum</i> ,	N. Y., N. J.
744.	<i>commune</i> <i>L.</i> ,	U. S., Br. Am.
745.	<i>juniperiforme</i> <i>Sch.</i> ,	Mex.
746.	<i>Ghiesbrechtii</i> <i>Besch.</i> ,	Mex.
747.	<i>subflexuosum</i> <i>Ltz.</i> ,	Mex.
748.	<i>Sartorii</i> <i>C. M.</i> ,	Mex.
749.	<i>aristatum</i> <i>Sch.</i> ,	Mex.

Series II. PLEUROCARPÆ.

Tribe I. FONTINALACEÆ.

Family I. FONTINALEÆ.

109.	<i>FONTINALIS</i> <i>Dill.</i>	
750.	<i>Novæ-Angliæ</i> <i>Sull.</i> , N. E. and Mid. Sts. and West'd, Br. Am.	
751.	<i>biformis</i> <i>Sull.</i> ,	Ohio.
752.	<i>Lescurii</i> <i>Sull.</i> ,	Can., N. E., Fla.
	“ var. <i>cymbifolia</i> ,	N. J., Va.
	“ “ <i>ramosior</i> ,	N. H., Vt.
753.	<i>Sullivanti</i> <i>Lindby.</i> (<i>F. Lescurii</i> <i>Sull.</i> , var. <i>gracilescens</i> <i>Sull.</i> { Icon.}, N. J. {	Kentucky. }
754.	<i>filiformis</i> <i>S. & L.</i> , (<i>F. disticha</i> <i>H. & W.</i> , var. <i>tennior</i> <i>S. Icon.</i>), {	
755.	<i>Dalecarlica</i> <i>Br. Eu.</i> , N. E. and Mid. Sts. and West'd, Br. Am.	
756.	<i>Neo-Mexicana</i> <i>S. & L.</i> , N. Mex., Rky. Mts., Col., Pac. Coast.	
757.	<i>antipyretica</i> <i>L.</i> ,	Br. Am., Pac. Coast.
	“ var. <i>gigantea</i> ,	N. E. and Mid. Sts. and West'd.
758.	<i>disticha</i> <i>H. & W.</i> ,	N. E. and Mid. Sts., Ky., Ala., La.
759.	<i>hypnoides</i> <i>Hartm.</i> ,	Br. Am., Col.
110.	<i>DICHELYMA</i> <i>Myrin.</i>	
760.	<i>capillaceum</i> <i>Dill.</i> ,	N. Y., Can., N. Scotia, Pa., Col.
761.	<i>falcatum</i> <i>Myrin.</i> ,	Catskill Mts., N. E., Br. Am.
762.	<i>pallescens</i> <i>Br. Eu.</i> ,	N. Y., N. E., N. Bruns'k, Br. Am.
763.	* <i>subulatum</i> <i>Myrin..</i>	La.
764.	<i>uncinatum</i> <i>Mitt.</i> ,	Pac. Coast.
765.	* <i>cylindrocarpum</i> <i>Aust..</i> ,	Oregon.

Tribe II. NECKERACEÆ.

Family I. CRYPTHÆEÆ.

111. CRYPTHÆA Mohr.

766. <i>glomerata</i> Sch.,	N. J., So. Sts.
" var. <i>pendula</i> (<i>C. pendula</i> L. & J.),	Fla.
767. <i>nervosa</i> H. & W.,	So. Sts.
768. <i>Ravenellii</i> Aust.,	Ga.
769. <i>Schiedeana</i> C. M.,	Mex.
770. <i>reticulata</i> Besch.,	Mex.
771. <i>nitidula</i> Sch.,	Mex.
772. <i>cuspidata</i> Sch.,	Mex.
773. <i>leptophylla</i> Sch.,	Mex.
774. <i>pinnata</i> Sch.,	Mex.
775. <i>Orizabæ</i> Sch.,	Mex.
776. <i>filiformis</i> Brid.,	Mex.
777. <i>pachycarpa</i> Sch.,	Mex.
778. <i>patens</i> Hornsch.,	Mex.
779. <i>polycarpa</i> Sch.,	Mex.
780. <i>Sartorii</i> Sch.,	Mex.
781. <i>intermedia</i> C. M.,	Mex.
782. <i>decurrens</i> C. M.,	Mex.
783. <i>attenuata</i> Sch.,	Mex.

112. ACROCRYPTHÆA Sch.

784. <i>Mexicana</i> Sch.,	Mex.
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113. DENDROPOGON Sch.

785. <i>rufescens</i> Sch.,	Mex.
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Family II. LEPTODONTEÆ.

114. LEPTODON Mohr.

786. <i>trichomitrium</i> Mohr,	No. and East. U. S., Br. Am.
" var. <i>immersus</i> S. & L.,	O., So. Sts.
787. <i>Ohioensis</i> Sull.,	O., Ind.
788. <i>nitidus</i> Lindb.J.,	Can.
789. <i>circinatus</i> Sull.,	Cal.

115. ALSTIA Sull.

790. <i>Californica</i> H. & A.,	Pac. Coast.
791. <i>longipes</i> S. & L.,	Pac. Coast.
792. <i>abietina</i> (Hook.), Sull.,	Pac. Coast.

Family III. NECKEREÆ.

116.	PHYLLOGONIUM Brid.		
793.	viride Brid.,		Mex.
117.	NECKERA H.		
	<i>A. Capsule immersed.</i>		
794.	pennata Hedw.,	Atl. and West. Sts., Col., Mex.	
795.	oligocarpa Br. Eu.,	N. E., N. Y., Col., N. Mex., Br. Am.	
796.	Menziesii Hook.,	Pac. Coast.	
797.	Douglasii Hook.,	Pac. Coast.	
798.	undulata Hedw.,	Mex., Fla.	
799.	disticha Hedw.,	Fla., Mex.	
800.	chlorocaulis C. M.,	Mex.	
801.	Ehrenbergii C. M.,	Mex.	
802.	Hornsenschuchiana C. M.,	Mex.	
803.	angustifolia C. M.,	Mex.	
804.	leptophylla Sch.,	Mex.	
805.	Liebmanni Sch.,	Mex.	
806.	pachycarpa Sch.,	Mex.	
807.	Orbiguyana Ltz.,	Mex.	
	<i>B. Capsule exserted.</i>		
808.	complanata Hedw.,	N. E., Pa., Tenn.	
809.	pumila Hedw.,	N. Am.	
810.	urnigera C. M.,	Mex.	
811.	orthorrhyncha Besch.,	Mex.	
812.	microcarpa Sch.,	Mex.	
813.	*Caloosiensis Aust.,	Fla.	
118.	HOMALIA Brid. (<i>Omalia</i> .)		
814.	trichomanoides (Schreb.),	N. E. and Mid. Sts., Br. Am.	
815.	gracilis Jas.,	N. Y., N. J.	
816.	obtusata Mitt.,	Br. Columb.	
817.	gabella Brid.,	Mex.	
818.	Mohriana C. M.,	Mex.	
819.	penduliramea C. M.,	Mex.	

Family IV. PILOTRICHEÆ.

119.	PILOTRICHELLA C. M.		
	<i>A. Orthostichella.</i>		
820.	Ludoviciae C. M.,	Gulf Sts.	
821.	tetragona C. M.,	Mex.	
822.	rigida C. M.,	Mex.	
823.	cymbifolia (Sull.),	Fla.	

824.	imbricata <i>Schwg.</i> ,	Mex.
*825.	pulchella <i>Sch.</i> ,	Mex.
826.	Mexicana <i>Sch.</i> ,	Mex.
	<i>B. Eupilotrichella.</i>	
827.	cochlearifolia <i>C. M.</i> ,	Mex.
	“ var. flagellifera.	Mex.
828.	turgescens <i>C. M.</i> ,	Mex.
829.	nigricans <i>Nees</i> ,	Mex.
	<i>C. Papillaria.</i>	
830.	capillaris <i>C. M.</i> ,	Mex.
831.	Deppii <i>Hornsch.</i> ,	Mex.
832.	consanguinea <i>Hpe.</i> ,	Mex.
833.	Dubyana <i>Hpe.</i> ,	Mex.
834.	subulifolia <i>Sch.</i> ,	Mex.
835.	nigrescens <i>C. M.</i> ,	Mex.
836.	imponderosa <i>Tayl.</i> ,	Mex.
837.	longifolia <i>Sch.</i> ,	Mex.
838.	illecebra <i>C. M.</i> ,	Mex.
839.	teres <i>Mitt.</i> ,	Mex.
840.	sinuata <i>C. M.</i> ,	Mex.
	<i>D. Meteoridium.</i>	
841.	remotifolia <i>Hornsch.</i> ,	Mex.
842.	salvatorica <i>Angst.</i> ,	Mex.
120.	METEORIUM <i>Brid.</i>	
843.	pendulum <i>Sull.</i> ,	La., Mex.
844.	nigrescens (<i>Swartz.</i>)	Fla., Mex.
845.	patulum ('. <i>M.</i> ,	Mex.
846.	tenue <i>Sch.</i> ,	Mex.
847.	diversifolium <i>Besch.</i> ,	Mex.
848.	diclados <i>Sch.</i> ,	Mex.
849.	*Joorii <i>Aust.</i> ,	La.
121.	CALLICOSTA <i>C. M.</i>	
850.	delicatula <i>Besch.</i> ,	Mex.
122.	PTEROBRYUM <i>Hornsch.</i>	
851.	densum <i>Hornsch.</i> ,	Mex.

Family V. LEUCODONTEÆ.

123.	LEUCODON <i>Schwg.</i>	
852.	julaceus (<i>Hedw.</i>) <i>Schwg.</i> ,	East. U. S.
853.	brachypus <i>Brid.</i> ,	Mid. Sts., Can.
854.	Domingensis <i>Spreng.</i> ,	Fla.

124.	PTEROGONIUM Swartz,		
855.	gracile Swartz,	Pac. Coast.	
	“ var. duplicito-serratum Hpe.,	Oregon.	
856.	brachypterum Mitt.,	Br. Am.	
125.	ANTITRICMIA Brid.		
857.	curtipendula Brid.,	Br. Am., Pac. Coast, N. C.	
	“ var. gigantea,	Br. Am., Pac. Coast.	
858.	Californica Sull.,	Br. Am., Pac. Coast.	
126.	ASTRODONTIUM Schwg.		
859.	cryptotheca Hpe.,	Mex.	
860.	curvirostre Hpe..	Mex.	
861.	tenue Besch.,	Mex.	
862.	submersum Hpe.,	Mex.	
127.	PRINODON C. M..	Mex.	
863.	densus C. M.,	Mex.	
128.	CRYPTOTHECA Hornsch.,	Mex.	
864.	cochlearifolia Hornsch.,	Mex.	

Tribe III. DALTONIACEÆ.

Family I. DALTONIEÆ.

129.	DALTONIA H. & T.		
865.	splachnoides H. & T.,	Mex.	
866.	crispata Hornsch.,	Mex.	
130.	LEPIDOPILUM Brid.		
867.	Deppeanum C. M.,	Mex.	
868.	subnerve Brid.,	Mex.	
869.	Decaisnei Besch.,	Mex.	
870.	nitidum Besch.,	Mex.	
871.	apophysatum Hpe.,	Mex.	
872.	piliferum Besch.,	Mex.	
873.	Mohrianum C. M.,	Mex.	
874.	genuflexum C. M.,	Mex.	
875.	falcatum C. M.,	Mex.	
131.	HOOKERIA Tayl.		
876.	acutifolia Hook.,	O., Alleg'y Mts., N. C., Cal.	
877.	varians Sull.,	Fla.	
878.	albicans Hook.,	Mex.	
879.	Liebmanni Sch.,	Mex.	
880.	cruceana Duby,	Mex., Fla.	

881. *scabriseta* *Hook.*, Mex.
 882. *ciliata* *Sch.*, Mex.

Tribe IV. FABRONIACEÆ.

Family I. FABRONIEÆ.

132. *FABRONIA Raddi.*
 883. *Wrightii* *Sull.*, Tex., Col.
 884. *pusilla* *Raddi.*, S. Car., Pac. Coast.
 885. *Ravenelii* *Sull.*, S. Car.
 886. *gymnostoma* *S. & L.*, N. Mex., Tex., Ill.
 887. *Carolina* *S. & L.*, S. Car.
 888. *Donnellii* *Aust.*, ° Fla.
 889. *octoblepharis* (*Sch.*), N. J., Ind.
 890. *Hampeana* *Sond.*, Mex.
 891. *polycarpa* *Hook.* (*F. flavinervis C. M.*), Mex.
 “ var. *patens*, Mex.
 892. *flavinervis* *C. M.*, Mex.
133. *CLASMATODON H. & W.*
 893. *parvulus* (*Hpe.*) *H. & W.*, So. Sts., Ind., Ill.
 “ var. *rupestris*, N. J., So. Sts.
134. *ANACAMPTODON Brid.*
 894. *splachnoides* *Brid.*, Can. to Gulf Sts.

Family II. MYRINIEÆ.

135. *MYRINIA Sch.*
 895. *pulvinata* *B. & S.*, Can., Br. Columb.

Tribe V. LESKEACEÆ.

Family I. RHEGMATODONTEÆ.

136. *RHEGMATODON Brid.*
 896. *filiformis* *Sch.*, Mex.
 897. *hypnoides* *Sch.*, Mex.
 898. *fusco-luteus* *Sch.*, Mex.

Family II. LESKEEÆ.

137. *MYURELLA Sch.*
 899. *Careyana* *Sull.*, N. E. and Mid. Sts., Can.

900.	<i>julacea</i> <i>Villars</i> ,	N. Y., N. J., Can., Rky. Mts.
901.	<i>apiculata</i> <i>Hub.</i> ,	Br. Am.
138.	LESKEA <i>Hedw.</i>	
902.	<i>denticulata</i> <i>Sull.</i> ,	East., Mid. and West. Sts., Ala., La.
903.	<i>Austini</i> <i>Sull.</i> ,	Pa., N. J., Ill.
904.	<i>polycarpa</i> <i>Ehr.</i> ,	U. S., Br. Am.
905.	<i>obscura</i> <i>Hedw.</i> ,	U. S., Br. Am.
906.	<i>nervosa</i> <i>Myrin.</i> ,	N. Y., Wht. Mts., Br. Am., Col.
907.	* <i>microcarpa</i> <i>Sch.</i> ,	Ala.
908.	<i>circinalis</i> <i>Hpe.</i> ,	Mex.
909.	<i>Mexicana</i> <i>Besch.</i> ,	Mex.
910.	<i>cæspitosa</i> <i>Brid.</i> ,	Mex.
911.	* <i>Wollei</i> <i>Aust.</i> ,	N. Y. and West'd.
139.	THELIA <i>Sull.</i>	
912.	<i>hirtella</i> <i>Hedw.</i> ,	East. U. S.
913.	<i>asprella</i> (<i>Sch.</i>),	East. U. S.
914.	<i>Lescurii</i> <i>Sull.</i> ,	N. J., Pa., So. Sts.
915.	* <i>robusta</i> <i>Duby</i> ,	Fla.
140.	ANOMODON <i>H. & T.</i> ,	
916.	<i>rostratus</i> (<i>H.</i>) <i>Sch.</i> ,	East. Mid. and West. Sts., Br. Am.
917.	<i>tristis</i> <i>H. & T.</i> ,	Throughout U. S.
918.	<i>attenuatus</i> <i>Hartm.</i> ,	East. Mid. and West. Sts., Br. Am.
919.	<i>obtusifolius</i> <i>Br. Eu.</i> ,	East. Mid. and West. Sts., Br. Am.
	" var. <i>fragilis</i> ,	N. J., Pa.
920.	<i>apiculatus</i> <i>B. & S.</i> ,	East., Mid. and West. Sts., Br. Am.
921.	<i>viticulosus</i> (<i>L.</i>) <i>H. & T.</i>	East., Mid. and West. Sts., Br. Am.
922.	<i>Toecoaæ</i> <i>S. & L.</i> ,	Ga., La.
923.	<i>Californicus</i> <i>Lx.</i> ,	Cal.
141.	HELICODONTIUM <i>Schwg.</i> ,	
924.	<i>tenuirostre</i> <i>Schwg.</i> ,	Mex.
142.	HAPLOHYMENIUM <i>Dz. & Molk.</i> ,	
925.	<i>densum</i> <i>Sch.</i> ,	Mex.

Family III. PSEUDOLESKEÆ.

143.	PSEUDOLESKEA <i>B. & S.</i>	
926.	<i>atrovirens</i> <i>Dicks.</i> ,	N. E., Br. Am.
	" var. <i>brachyclados</i> ,	Col.
927.	<i>tectorum</i> <i>Braun</i> , (<i>Hyp. dimorphum</i> <i>Brid.</i>),	Wht. Mts.
928.	<i>prælonga</i> <i>Sch.</i> ,	Mex.
929.	<i>subcatenulata</i> <i>Sch.</i> ,	Mex.

Family IV. THUIDIEÆ.

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| 144. | HETEROCLADIUM Br. Eu., | |
| 930. | heteropterum B. & S., | Br. Am. |
| 931. | procurrens Mitt., | Br. Am. |
| 145. | THUIDIUM Sch., | |
| 932. | pygmæum Br. Eu., | Mid. Sts., O. |
| 933. | minutulum Hedw., | Atl. Sts. and West'd, Gulf Sts., Mex. |
| 934. | Allenii Aust., | N. J. |
| 935. | gracile B. & S., | West. N. Y., Pa. to Br. Am. |
| | “ var. Lancastriense | N. Y., N. J., Pa., O. |
| | “ Ravenellii, | S. Car., Gulf Sts. |
| 936. | æstivale Aust., | N. E., Mid. Sts. |
| 937. | delicatulum Hedw. (<i>tamariscinum</i>), | Br. Am. to Fla., Mex. |
| | “ var. Mexicanum, | Mex. |
| 938. | recognitum Hedw. (<i>delicatulum</i> of Am. authors.), | N. J., Pa. to {
Br. Am. } |
| 939. | calyptatum Sull., | Cal. |
| 940. | Whippleanum Sull., | Cal. |
| 941. | remotifolium Grev., | No. West. Am. |
| 942. | crispifolium Hook., | Br. Am. |
| 943. | leuconeuron S. & L., | Cal. |
| 944. | abietinum (L.), | No. and East. U. S., Br. Am. |
| 945. | Blandowii W. & M., | No. and East. U. S., Col., Pac. |
| 946. | paludosum (Sull.), | No. and East. U. S., Col. |
| 947. | Virginianum Sch., | Mex. |
| 948. | glaucescens Sch., | Mex. |
| 949. | Schiedeanum C. M., | Mex. |
| 950. | Schlumbergeri Sch., | Mex. |
| 951. | tomentosum Sch., | Mex. |
| 146. | RAUIA Aust. | |
| 952. | scita Aust. (<i>Hypnum scitum</i> Beauv.), | N. J., O. |

Tribe VI. HYPNACEÆ.

Family I. PTRIGYNANDREA.

147. PTERIGYNANDRUM *Hedw.* N. E., Mid. Sts., Br. Am., Pac.
 953. *filiforme* *Hedw.*,
 954. *Domingense* *Spreng.* Mex.

Family II. ORTHOTHECIEÆ.

148. *PLATYGRIMUM B. & S.*
955. *repens Br. Eu.,* No. and East. U. S., Br. Am.

149. PYLAISIA Sch.

956. intricata (H.) Sch.,	No. and East. U. S., Col., Br. Am
957. velutina Br. Eu.,	N. J. to Can.
958. *heteromalla Mitt.,	Br. Am.
959. polyantha (Schreb.),	Col., Br. Am.
" var. Jamesii (S. & L.),	N. E.
" " subdenticulata (Sch.),	N. J. to O.
960. falcata Sch.,	Mex.
961. subfalcata Sch.,	Mex.

Family III. LINDIGIEÆ.

150. LINDIGIA Hpe.

962. tenella Hpe.,	Mex.
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Family IV. CYLINDROTHECIEÆ.

151. CYLINDROTHECIUM Sch.

963. sedutrix (Hedw.),	East. U. S., Gulf Sts., East. Br. Am.
964. cladorrhizans Hedw.,	East. U. S., Gulf Sts.
965. brevisetum (Wils.) Br. Eu.,	N. J. to Mo., Can.
966. compressum (Hedw.),	Pa. to Mo.
967. Sullivantii (C. M.),	Tex., N. Car.
968. Drummondii Br. Eu.,	So. Sts.
969. concinnum (D. N.),	Col.
970. polycarpum Sch.,	Mex.
971. brevirostre Sch.,	Mex.
972. abbreviatum Sch.,	Mex.
973. brevipes Sch.,	Mex.
974. stenocarpum Sch.,	Mex.
975. complanatum Sch.,	Mex.
976. Orizabanum Sch.,	Mex.
977. nitens Sch.,	Mex.
978. subsecundum Sch.,	Mex.
979. aurescens Sch.,	Mex.
980. Mechoacanum C. M.,	Mex.
981. neglectum C. M.,	Mex.
982. distans C. M.,	Mex.
983. coeruleatus C. M.,	Mex.

152. ROZEA Besch.

984. chrysea Besch.,	Mex.
985. Bourgæana Besch.,	Mex.

986.	<i>subjulacea</i> <i>Besch.</i> ,	Mex.
987.	<i>viridis</i> <i>Besch.</i> ,	Mex.
988.	<i>Schimperi</i> <i>Besch.</i> ,	Mex.
989.	<i>stricta</i> <i>Besch.</i> ,	Mex.
990.	<i>Andrieuxii</i> <i>Besch.</i> ,	Mex.
153.	LEPTOHYMENIUM <i>Schwg.</i>	
991.	<i>myuroides</i> <i>Sch.</i> ,	Mex.
992.	<i>longisetum</i> <i>Hpe.</i> ,	Mex.
993.	<i>cylindrocaule</i> <i>Hpe.</i> ,	Mex.
994.	<i>affine</i> <i>Sch.</i> ,	Mex.
995.	<i>julaceum</i> <i>Sch.</i> ,	Mex.
996.	<i>Bonplandi</i> <i>Besch.</i> ,	Mex.
997.	<i>patulum</i> (<i>L.?</i>) <i>Sch.</i> ,	Mex.
154.	POROTRICHUM <i>Brid.</i>	
998.	<i>Mexicanum</i> <i>Sch.</i> ,	Mex.
155.	CLIMACIUM <i>W. & M.</i>	
999.	<i>dendroides</i> (<i>D.</i>) <i>W. & M.</i> ,	N. Y., N. J., Br. Am.
1000.	<i>Americanum</i> <i>Brid.</i> ,	U. S., Br. Am.
	“ var. <i>fluitans</i> ,	Mid. Sts.
1001.	<i>Ruthenicum</i> (<i>C.?</i>) <i>Wein.</i> ,	Alaska.
156.	ISOTHECIUM <i>Brid.</i>	
1002.	<i>stoloniferum</i> <i>Hook.</i> ,	
	“ var. <i>speculiferum</i> <i>Mitt.</i> ,	Br. Am.
	“ “ <i>acutieuspis</i> <i>Mitt.</i> ,	Pac. Coast.
1003.	* <i>Breverianum</i> <i>Lx.</i> ,	Pac. Coast.
1004.	* <i>aggregatum</i> <i>Mitt.</i> ,	Pac. Coast.
1005.	* <i>aplocladum</i> <i>Mitt.</i> ,	Pac. Coast.
1006.	* <i>lentum</i> <i>Mitt.</i> ,	Pac. Coast. Col.
157.	ORTHOThECIUM <i>Sch.</i>	
1007.	<i>rufescens</i> (<i>Dicks.</i>),	Arc. regions.
1008.	<i>chryseum</i> (<i>Schwg.</i>),	Br. Am., Col:
1009.	<i>rubellum</i> (<i>Mitt.</i>),	Rky. Mts., Arc. regions.
158.	HOMALOTHECIUM <i>Sch.</i>	
1010.	<i>subcapillatum</i> (<i>Hedw.</i>).	East. U. S.
1011.	<i>pseudosericeum</i> <i>C. M.</i> ,	Oregon.

Family V. CAMPTOTHECIE.E.

159.	CAMPTOTHECIUM <i>Sch.</i>	
1012.	<i>aeneum</i> <i>Mitt.</i> ,	Br. Columb.

1013.	<i>nitens</i> (<i>Schreb.</i>),	No. and Mid. Sts., Br. Am., Col
1014.	<i>pinnatifidum</i> <i>S. & L.</i> ,	Pac. Coast.
1015.	<i>megaptilum</i> <i>S. & L.</i> ,	Oregon.
1016.	<i>lutescens</i> <i>Hedw.</i> ,	Pac. Coast.
1017.	<i>Nuttallii</i> <i>Wils.</i> ,	Pac. Coast.
	“ var. <i>stoloniferum</i> ,	Pac. Coast.
1018.	<i>arenarium</i> <i>Lx.</i> ,	Pac. Coast.
1019.	<i>Nevadense</i> <i>Lx.</i> ,	Pac. Coast.
160.	PTYCHODIUM <i>Sch.</i>	
1020.	<i>radicosum</i> <i>Mitt.</i> ,	Br. Am.
161.	BRACHYTHECIUM <i>Sch.</i>	
	<i>A. pedicel</i> smooth.	
1021.	<i>lætum</i> <i>Brid.</i> ,	U. S., Br. Am.
1022.	<i>albicans</i> <i>Neek.</i> ,	Br. Am., Columb.
1023.	<i>acuminatum</i> (<i>Beauv.</i>),	N. E., Mid. and West. Sts., Br. Am.
	“ var. <i>rupinicolum</i> ,	O., Rky. Mts.
	“ “ <i>setosum</i> (<i>L. setosa</i> <i>Hedw.</i>),	East. U. S.
1024.	<i>salebrosum</i> (<i>Ho. f. m.</i>),	U. S., Br. Am.
	“ var. <i>Texanum</i> ,	Texas.
1025.	<i>acutum</i> <i>Mitt.</i> ,	N. E. and Mid. Sts., O., Can., Br. Columb.
1026.	<i>Utahense</i> <i>Jas.</i> ,	Utah, Col.
1027.	<i>Hilebrandi</i> <i>Lx.</i> ,	Cal.
1028.	<i>collinum</i> <i>Schl.</i> ,	Br. Am., Col., Cal.
	<i>B. pedicel</i> rough.	
1029.	<i>campestre</i> (<i>Bruch.</i>),	N. Bruns'k to Mid. Sts.
1030.	<i>rutabulum</i> (<i>L.</i>),	East. and No. U. S., Br. Am.
1031.	<i>rivulare</i> (<i>Bruch.</i>),	East. and No. U. S., Br. Am.
1032.	<i>Starkii</i> (<i>Brid.</i>),	East. and No. U. S., Br. Am.
1033.	<i>velutinum</i> (<i>L.</i>),	East. and No. U. S., Br. Am., Col.
1034.	<i>plumosum</i> (<i>Swartz.</i>),	East. and No. U. S., Br. Am., Col.
	“ var. <i>populeum</i> (<i>H. populeum</i> <i>Hedw.</i>),	N. E. to O., {
	“ “ <i>homomallum</i> .	Sierra Nev. Mts. }
		N. C.
1035.	<i>Novæ Angliæ</i> <i>S. & L.</i> ,	N. E. to Ill. and So'd.
	“ var. <i>rupestre</i> ,	Mid. Sts.
1036.	<i>reflexum</i> <i>Br. Eu.</i> ,	N. E. to Pa., Can.
	“ var. <i>micropus</i> <i>Aust.</i> (<i>B. micropus</i> <i>Schl.</i>),	Owen Sd.
1037.	<i>Fendleri</i> <i>Sull.</i> ,	N. Mex., Col.
1038.	<i>asperrimum</i> <i>Mitt.</i> ,	Br. Am., Pac.
1039.	* <i>declivum</i> <i>Mitt.</i> ,	Br. Am., Pac.
	<i>C. subgenus</i> <i>unertain</i> .	
1040.	<i>Bolanderi</i> <i>Lx.</i> ,	Cal.
1041.	<i>biventorum</i> <i>C. M.</i> ,	La., Fla.
1042.	* <i>œdipodium</i> <i>Mitt.</i> ,	Br. Am.

1043. frigidum *C. M.*, Mex.
 1044. Donnellii *Aust.*, Fla.
 1045. flexiventrosum *C. M.*, Mex.
 1046. cladoneuron *C. M.*, Mex.
 1047. comatifolium *C. M.*, Mex.
 1048. brunneo-alare *C. M.*, Mex.
162. SCLEROPODIUM *Sch.*
 1049. illecebrum *Schwg.*, Cal.
 1050. cæspitosum *Wils.*, Br. Am., Cal.
 1051. Californicum *Lx.*, Cal.
163. EURYNCHIUM *Sch.*,
A. pedicel smooth.
 1052. myosuroides *L.*, Pacific.
 1053. Boscii *Schwg.*, N. E., Mid. and West. Sts.
 1054. strigosum (*Hoffm.*), N. E., Mid. and West. Sts., Br. Am., Pac.
 1055. *diversifolium (*Sch.*), N. E., Mid. and West. Sts., Br. Am., Pac.
 1056. Mexicanum *Besch.*, Mex.
B. pedicel rough.
 1057. Sullivantii (*R. Spruce*), N. E., Mid. and West. Sts., Can.
 1058. hians (*Hedw.*), N. E., Mid., West. and Gulf Sts., Br. Am.
 1059. piliforme (*Schreb.*), N. E. to Pa., and O., Br. Am.
 1060. Stokesii (*Turn.*), N. E., Br. Am., Pac. Coast.
 1061. colophyllum *Sull.*, Cal.
 1062. Oregonum *Sull.*, Br. Am., Pac. Coast.
 1063. *velutinoides (*Br.*), Palisades.
 1064. pumilum *Wils.* (*Hyp. tenellum*), Wht. Mts., Heldbg. Mts., Del. } Water Gap. }
164. RHYNCHOSTEGIUM *Sch.*
 1065. deplanatum (*Sch.*), No. and East. U. S., Br. Am.
 1066. serrulatum (*Hedw.*), No. and East. U. S., Br. Am.
 1067. rusciforme (*Weis.*), No. and East. U. S., Br. Am., Pac. Coast.
 1068. subrusciforme *C. M.*, Mex.
 1069. expallescens *C. M.*, Mex.
 1070. leptomerocarpum *C. M.*, Mex.
 1071. demissum *Wils.*, N. Mid. and West. Sts.
 " var. *Marylandicum*, N. E. and So. Sts., and Mts.
 " " *Carolinianum*, Ga., N. and S. Car.
 1072. microcarpum *C. M.*, O., Mid. and So. Sts., Br. Am.
 " var. *anisocarpem* (*H. adimistum*), N. J. to Fla., O.
 1073. recurvans *Schwg.* (*R. delicatulum Jas.*), N. E., Mid. and West. } Sts., Br. Am., Mex. }
 1074. cylindrocarpum *C. M.*, Br. Am., N. J. to O., and So. along } Alleg'y Mts. to Ga. }

1075. *geophilum* *Aus.* (*H. depressum* *Jas.*), Mid. Sts., O.
 1076. *palleascens* var. *protruberans* (*R. Jamesii* *Sull.*), N. H.
 1077. *scitulum* *Aust.*, Arc. Am.
 1078. *Royæ* *Aust.*, Cal.
 1079. *Brandegeei* *Aust.*, Col.
 1080. *Novæ-Cæsareæ* *Aust.* (*H. micans* (*Wils.*) *non Swartz*), Alleg'y Mts.
 1081. *Hampei* *Besch.*, Mex.
 1082. *cypressinum* *Besch.*, Mex.
 1083. *callistomum* *Besch.*, Mex.
 1084. *Huitomalconum* *C. M.*, Mex.
 1085. *Blandum* *Hpe.*, Mex.
 1086. *leptomerocarpum* *C. M.*, Mex.
 1087. *micans* (*Swartz*) *Sull.*, N. E. to Fla. and La.
 " *var. album* (*H. fulvum* *H. & W.*), So. U. S.

 165. **THAMNIUM** *Br. Eu.*
 1088. *Alleghaniense* *C. M.*, East. and West. U. S., Br. Am.
 1089. *Bigelowii* *Sull.*, Pac. Coast.
 1090. **alopecurum* (*L.*), Pac. Coast.
 1091. **Neckeroides* *Hook.*, Pac. Coast.

Family VI. HYPNEÆ.

166. **PLAGIOTHECIUM** *Br. Eu.*
 1092. *piliferum* *Swz.*, Br. Am.
 1093. *latebricola* (*Wils.*), N. Y., N. J.
 1094. **geminus* *Mitt.*, Br. Am., Rky. Mts.
 1095. *elegans* (*Hook.*), Mid. Sts., Br. Am., Vanc'r I.
 " *var. terrestris*, N. J.
 " " *gracilis*, N. J.
 " " *subfalcatum*, Alleg'y Mts., N. E. to N. Car., O.
 1096. *Mullerianum* *Sch.*, N. E. and Mid. Sts.
 1097. *Passaicense* *Aust.*, N. J., Can.
 1098. *pulchellum* (*Dicks.*), N. E., N. Y., Br. Am., Pac.
 " *var. nitidulum*, N. E., N. Y., Br. Am., Col.
 1099. *turfaceum* *Lindb.*, N. J. to Can., O., Pac.
 1100. *striatellum* *Brid.* (*Muhlenbeckii* *Br. Eu.*), N. E., Mid. Sts., Br. Am.
 " *var. chrysophylloides*, N. J.
 1101. *denticulatum* (*Dill.*), U. S., Br. Am.
 " *var. pusillum*, N. Y., N. J.
 " " *lætum*, N. E. and Mid. Sts., Col.
 1102. *sylvaticum* *L.*, N. E., Mid. and West. Sts., Br. Am.
 " *var. Sullivantiæ* (*Sch.*), N. E., Mid. and West. Sts., {
 " *Roseanum* (*Hpe.*), N. J.

1103. undulatum, (*L.*), Pac. Coast.
 1104. Donianus *Sw.*, Br. Columb., Wash. Ter.
 1105. Chrismari *C. M.*, Mex.
 1106. subsimplex *Hedw.*, Mex.
 1107. psudo-Silesiacum *Sch.*, Mo.
167. AMBLYSTEGIUM *Br. Eu.*
 1108. Sprucei (*Bruch*), Col., Br. Am.
 1109. confervoides (*Brid.*), N. J. to O., Col., Br. Am.
 1110. subtile *Hedw.*, N. E., N. J., Col., Br. Am.
 1111. adnatum (*Hedw.*), N. E., Mid. and West. Sts., Col., Br. Am.
 " var. subserratum, Ohio.
 1112. Lescurii *Sull.*, Vt., Mid.-Sts., Geo.
 1113. compactum *C. M.*, N. Y., O., Br. Am., Col. Pac. Coast.
 1114. serpens (*L.*), Common.
 " var. minutissimum (*S. & L.*), Pa., O., Col., Br. Am.
 " " tenellum, Ohio.
 " " irriguum (*H. & W.*), N. E., Mid., West. and So. Sts.
 " " noterophilum, N. E., Mid. and West. Sts., Rky. }
 " " longifolium, O., Fla.
 " " radicale (*Beauv.*), N. E., Mid., West. and So. Sts., {
 " " " subjulaceum, N. J.
 " " " parvulum, N. J.
 " " orthocladon (*Beauv.*), U. S., Br. Am.
 " " brevifolium (*A. oligorrhizon Gumb.*), U. S., Br. Am.
 " " fouteauum, N. J., Pa.
 " " chrysophyloides (*A. curripes Br. Eu.*), N. E. and {
 " " Juratzkanum (*Sch.*), Pa.
 " " fluviatile (*Swartz*), Mid. Sts., Can.
 1115. riparium (*L.*), U. S., Br. Am., G'land.
 " var. cariosum, No. and East. U. S., and West'd.
 " " vacillans (*Sull.*), Wht. Mts., Can.
 1116. sordidum *Mitt.*, Mex.
168. HYPNUM *Dill.*
A. Campylophyllum Br. Eu.
 1117. Halleri (*L.*), Br. Am.
B. Campylium Sull.
 1118. hispidulum *Brid.*, U. S., Br. Am.
 " var. Sommerfeltii (*Myrin.*), N. E., Br. Am., Mex.
 1119. Bergenense *Aust.*, N. E. to Fla.
 1120. chrysophyllum *Brid.*, N. E., Mid. and West. Sts., Br. Am.
 " var. cæspitosum, Appalachian.

	chrysophyllum var. rupestre,	Appalachian.
	“ “ stelloides,	Appalachian.
	“ “ uncinifolium,	Appalachian.
1121.	stellatum Schreb.,	N. E., Mid. and West. Sts., Br. Am.
	“ var. protensum,	Mid. Sts., Br. Am.
1122.	polygamum (Sch.), <i>C. Harpidium</i> Sull.	N. Y., N. J.
1123.	aduncum Hedw.,	East., Mid. and West. Sts., Pac. Coast.
	“ var. Kneiffi,	Appalachian, Br. Am., Rky. Mts.
	“ “ polycarpum,	Col.
	“ “ gracilescens,	U. S.
	“ “ giganteum,	N. E., N. J., Minn.
	“ “ tenue,	Col.
1124.	vernicosum Lindbg.,	N. Y., N. J., Br. Am.
1125.	exannulatum Gumb.,	N. Bruns'k, Can., Mid. Sts., Rky. Mts.
1126.	fluitans (L.),	East., Mid. and West. Sts., Col., Br. Am.
1127.	uncinatum Hedw.,	East., Mid. and West. Sts., Pac. Coast, Br. } Am., G'land.
1128.	Jamesii Aust.,	Wht. Mts.
1129.	hamifolium Sch.,	Conn.
1130.	Sendtneri Sch.,	N. Y., Can., O.
1131.	subpungens C. M., <i>D. Cratoneuron</i> Sull.	Mex.
1132.	filicinum L.,	N. E., Mid. and West. Sts., Br. Am.
1133.	commutatum Hedw.,	N. Y., Can., Col.
	“ var. falcatum, <i>E. Rhytidium</i> Sull.	Rky. Mts.
1134.	rugosum Ehr.,	N. E., Mid. and West. Sts., Br. Am.
1135.	robustum Hook.,	Pac. Coast.
	<i>F. Calliergon.</i>	
1136.	cordifolium Hedw.,	U. S., Br. Am., G'land.
1137.	giganteum Sch.,	N. Y., O., Wis., Col., Br. Am., Pac. Coast.
1138.	cuspidatum L.,	U. S., Br. Am.
1139.	Schreberi Willd.,	U. S., Br. Am., G'land.
1140.	stramineum Dicks.,	Throughout Br. Am., and in Mts. So. G'land.
1141.	sarmentosum Wahl.,	N. E., G'land.
1142.	trifarium W. & M.,	Br. Am., O.
1143.	Richardsoni Mitt.,	Br. Am., G'land.
	<i>G. Hypnum.</i>	
1144.	molluscum Hedw.,	N. E., Mid. and West. Sts., Br. Am., Col.
1145.	Vaucherii Lr.,	Br. Am.
1146.	eupressiforme L.,	Appalachian, Col.
	“ var. filiforme,	Col.
	“ “ respinatum,	N. J.

1147. imponens *Hedw.*, N. E., Mid. and West. Sts., Br. Am.
 1148. subimponens *Lx.*, (*S. plumifer Mitt.*), Pac. Coast.
 1149. pallescens (*Hedw.*) *Br.* (*H. reptile Mx.*), U. S., Br. Am.
 " var. *protruberans* (*Brid.*) *Lindbg.* (*R. Jamesii Sull.*)
 Icon., (*H. hamulosum S. & L.*), (*H. pallescens Musci Appalach.*), (*H. depressulum C. M.*), U. S., Br. Am. }
 " " *viride Aust.*, N. E., Pa., Can.
 1150. fertile *Sendt.*, No. Sts., Br. Am., Col., Br. Columb.
 1151. curvifolium *Hedw.*, N. E., Mid. and West. Sts., Br. Am.
 " var. *australe Aust.*, N. J., So. Sts.
 1152. Haldanianum *Grev.*, N. E., Mid. and West. Sts., Br. Am.
 1153. nemorosum *Koch*, Pa., Va., No. and So. Car.
 1154. pratense *Koch*, N. E., Mid. and West. Sts., Br. Am.
 1155. circinale *Hook.*, Br. Am., Pac. Coast.
 1156. *circulare *Hook.*, Arc. regions.
 1157. *complexum *Mitt.*, Br. Am.
 1158. Wrightii *Sull.*, Tex., N. Mex., Fla.
 1159. plicatile *Mitt.* (*H. Watsoni L. & J.*), Col., Utah, Br. Am., Arc. reg.
 H. Scorpidioides Br. Eu.
 1160. scorpioides *Dill.*, O., Br. Am.
 I. Ptilium Sull. (*Ctenium Br. Eu.*).
 1161. Crista-eastrensis *L.*, No. and East. U. S., Br. Am.
 J. Limnobioides Br. Eu.
 1162. obtusifolium *W. & M.*, Br. Am.
 1163. palustre *L.*, N. J. to Can., Col.
 1164. arcticum *Somf.*, Br. Am., Itky. Mts., Pac. Coast.
 1165. molle *Dicks.*, N. Y., N. J., N. Car., Col., Br. Am.
 1166. ochraceum *Br. Eu.*, No. and East. U. S., Col., Br. Am.
 1167. alpestre *Swartz.*, Br. Am.
 1168. eugyrium *Sch.*, N. E., N. Y., Pa., Tenn., Col., Br. Am.
 1169. montanum *Wils.*, Wht. Mts.
 1170. Closteri *Aust.*, N. Y., N. J.
 K. subgenus uncertain.
 1171. Reichenbachii *Lorentz.*, Mex.
 1172. occidentale *S. & L.*, Oregon.
 1173. homalostegium *C. M.*, Ala.
 1174. thelistegium *C. M.*, Fla., Mex.
 1175. aluminicolum *C. M.*, Mex.
 1176. affine *Hook.*, Mex.
 1177. Mohrianum *C. M.*, Mex.
 1178. LeJolisii *Besch.*, Mex.
 1179. pendulinum *Hpe.*, Mex.
 1180. Salleanum *Besch.*, Mex.
 1181. duriusculum *Sch.*, Mex.
 1182. planum *Brid.*, Fla.

1183.	<i>Caloosienensis Aust.,</i>	Fla.
1184.	<i>divaricatissimum C. M.,</i>	Mex.
1185.	<i>Miradericum C. M.,</i>	Mex.
1186.	<i>Cordovense C. M.,</i>	Mex.
1187.	<i>cæspitosum Lev.,</i>	Mex.
1188.	<i>Coloradense Aust.,</i>	Col.
1189.	<i>radiculosum C. M.,</i>	Mex.
169.	HYLOCOMIUM Br. Eu., (Pleurozium Sull.)	
1190.	<i>splendens Hedw.,</i>	U. S., Br. Am.
1191.	<i>brevirostre Ehr.,</i>	U. S., Br. Am.
1192.	<i>triquetrum (L.),</i>	U. S., Br. Am.
1193.	<i>squarrosum L.,</i>	Me., N. H., N. Y., Pa.
1194.	<i>Oakesii Sull.,</i>	Through't Br. Am., Mts. N. E., N. Y., S. Car.
1195.	<i>umbratum Ehr.,</i>	Br. Am., Mts. N. E., N. Y., Pa.
1196.	<i>loreum Dill.,</i>	Pac. Coast.
1197.	<i>Ehrenbergianum C. M.,</i>	Mex.
1198.	<i>Flemingii Aust.,</i>	Vanc'r I.
1199.	<i>Alaskanum S. & L.,</i>	Alaska.

Family VII. HYPOPTERIGIACEÆ.

170.	HELICOPHYLLUM Brid.	
1200.	<i>torquatum Brid.,</i>	Mex.
171.	HYPOTERIGIUM Brid.	
1201.	<i>tamarisci Brid.</i>	
1202.	<i>pseudotamariscinum C. M.,</i>	Mex.
1203.	<i>incrassato-limbatum C. M.,</i>	Mex.
172.	RHACOPILUM Brid.	
1204.	<i>tomentosum Brid.,</i>	Mex., La.
	“ var. <i>gracile,</i>	Mex.
1205.	<i>angustatum Sch.,</i>	Mex.

BRYINÆ ANOMALÆ.

Order I. HOLOCARPÆ.

Tribe I. ARCHIDIACEÆ.

173.	ARCHIDIUM Brid.	
1206.	<i>Ohioense Sch.,</i>	N. J. to O., S. Car., Ala., W. Fla.
1207.	<i>tenerrimum Mitt.,</i>	Fla.
1208.	<i>Donnellii Aust.,</i>	Md., Va., S. Car.

1209. Lescurii Aust. (*A. longifolium L. & J.*), Fla., Ala., La.
 1210. Hallii Aust., Tex.
 1211. Ravenellii Aust., S. Car., Fla.

Order II. SCHIZOCARPÆ.

Tribe. ANDRÆACEÆ.

174. ANDRÆA Ehr.
 1212. turgescens Sch., Mex.
 1213. petrophila Ehr., Alleg'y Mts., Br. Am.
 1214. rupestris Turn., Alleg'y Mts.
 1215. crassinervia Bruch, Wht. Mts.

Order III. STEGOCARPÆ

Tribe. SPHAGNACEÆ.

175. SPHAGNUM Dill.
 1216. Portoricense Hpe., So. N. J. to Fla.
 1217. Austini Sull., Mass., N. J., Newfoundland.
 1218. papillosum Lindbg., N. J. to Can.
 1219. cymbifolium Ehr., Appalachian, Br. Am., Pac. Coast.
 " var. pycnocladum, Appalachian.
 " " squarrosum, Appalachian.
 " " condensatum, Appalachian.
 1220. rigidum (Nees.), Pa. to Ala., Br. Am., Pac. Coast.
 " var. compactum, East. U. S., Cal.
 " " humile, N. J. to Fla., Ala.
 " " laxum Aust., Pa.
 1221. molle Sull. (*S. Mulleri Sch.*), N. J. to Fla. and Ala.
 1222. tenellum Ehr. (*S. molluscum Bruch*), N. Y., N. J., N. Bruns'k.
 1223. acutifolium Ehr., Appalachian, Br. Am., Pac. Coast, G'land.
 " var. tenellum, Col.
 " " confertum, N. J., Ala.
 " " purpureum, Appalaehian.
 " " intermedium, N. J., Can., N. Bruns'k.
 " " rubellum, N. J., Can., N. Bruns'k.
 " " fuscum, N. E., N. J., Can.
 " " robustum, N. J.
 1224. fimbriatum Wils., Br. Am.
 1225. strictum Lindbg. (*S. Girgensohni Rus.*), N. J., Pa., O., Can.
 1226. teres Angstr., N. J., Br. Columb.
 1227. squarrosum Pers., No. and Mid. Sts., and West'd, Ala., Br. {
 " var. squarrosum Lx., Cal.
 " var. squarrosum Lx.,

1228. *Pylaesii* *Brid.*, N. H., N. Y., N. J., Newfound'd, S. Car.
 " var. *sedoides*, N. J., Newfound'd, S. Car.
1229. *cyclophyllum* *S. & L.*, N. Y., N. J., La., Ala.
1230. *laricinum* *Spruce*, (*S. neglectum* *Angs.*), N. J., O.
1231. *subsecundum* *N. & H.*, Atl. Sts., O., Br. Am., Cal.
 " var. *serratum* (*S. serratum* *Aust.*), Fla.
 " " *subsimplex* *Aust.*, Ala.
 " " *longifolium*, Cal.
 " " *Lescurii*, N. J., O., So. Sts.
 " " *obesum*, N. J.
1232. *Wulfianum* *Girgh.*, N. Y., Can.
1233. *cuspidatum* *Ehr.*, Can., N. E. Sts. to La.
 " var. *laxifolium*, N. J.
 " " *Torreyanum*, N. J., Pa.
 " " *plumosum*, Can. and N. E. to La.
 " " *parvum*, N. J., N. Brnsw'k, Can.
 " " *intermedium* (*Hoffm.*) (*recurvans* *Bv.*), N. E. }
 to La., Can., Mich., G'land.
 " " *Rauei* *Aust.*, Pa.
1234. *Mendocinum* *S. & L.*, Cal.
1235. *Lindbergii* *Sch.*, N. Y., Br. Am., G'land.
1236. *macrophyllum* *Bern.*, So. N. J. to Fla., Ala., Miss.
 " var. *Floridanum* *Aust.*, Fla
1237. *Mexicanum* *Mitt.*, Mex.

INDEX GENERUM.

Genus.	Page.		Genus.	Page.	
<i>Acrocryphæa,</i>	112	32	<i>Dicraeum,</i>	24	9
<i>Alsia,</i>	115	32	<i>Dicranoweisia,</i>	15	7
<i>Amblyodon,</i>	92	28	<i>Didymodon,</i>	47	14
<i>Amblystegium,</i>	167	44	<i>Diphyscium,</i>	108a	31
<i>Amphoridinm,</i>	62	19	<i>Disceium,</i>	78	23
<i>Anacamptodon,</i>	134	36	<i>Dissodon,</i>	74	22
<i>Andräa,</i>	174	48	<i>Distichium,</i>	43	13
<i>Angstroemia,</i>	22	8	<i>Drummondia,</i>	64	19
<i>Anodus,</i>	35	12	<i>Encalypta,</i>	70	22
<i>Anœctangium,</i>	13	7	<i>Entosthodon,</i>	82	24
<i>Anomodon,</i>	140	37	<i>Ephemerum,</i>	1	5
<i>Antitrichia,</i>	125	35	<i>Eurynchium,</i>	163	42
<i>Aphanorrhlegma,</i>	79	23	<i>Eustichium,</i>	44	13
<i>Archidium,</i>	173	47	<i>Fabronia,</i>	132	36
<i>Astrodontium,</i>	126	35	<i>Fissidens,</i>	33	11
<i>Atrachylocarpus,</i>	25	10	<i>Fontinalis.</i>	109	31
<i>Atrichum,</i>	104	29	<i>Funaria,</i>	83	24
<i>Aulacomnion,</i>	96	28	<i>Glyhocarpa,</i>	98	29
<i>Barbula,</i>	52	15	<i>Glyphomitrium,</i>	61	19
<i>Bartramia,</i>	97	28	<i>Grimmia,</i>	54	17
<i>Bartramidina,</i>	100	29	<i>Gymnostomum,</i>	12	7
<i>Blindia,</i>	37	12	<i>Gyroweisia,</i>	11	7
<i>Brachythecium,</i>	161	41	<i>Haplohymenium,</i>	142	37
<i>Braunia,</i>	58	19	<i>Hedwigia,</i>	56	18
<i>Brentelia,</i>	102	29	<i>Hedwigidium,</i>	57	18
<i>Bruchia,</i>	8	6	<i>Helicodontium,</i>	141	37
<i>Bryum,</i>	87	25	<i>Helicophyllum,</i>	170	47
<i>Buxbaumia,</i>	108b	31	<i>Heterocladium,</i>	144	38
<i>Callicosta,</i>	121	34	<i>Holomitrium,</i>	30	11
<i>Calymperes,</i>	49	15	<i>Homalia,</i>	118	33
<i>Camptothecium,</i>	159	40	<i>Homalothecium,</i>	158	40
<i>Campylochætium,</i>	28	10	<i>Hookeria,</i>	131	35
<i>Campylopsns,</i>	27	10	<i>Hylocomium,</i>	169	47
<i>Campylostelium,</i>	38	12	<i>Hymenostomum,</i>	10	7
<i>Catascopium.</i>	93	28	<i>Hypnum,</i>	168	44
<i>Ceratodon,</i>	39	12	<i>Hypopterigium,</i>	171	47
<i>Cinclidium,</i>	91	27	<i>Isothecium,</i>	156	40
<i>Clasmatodon,</i>	133	36	<i>Lepidopilum,</i>	130	35
<i>Climacium,</i>	155	40	<i>Leptobryum,</i>	85	24
<i>Conomitrium.</i>	34	12	<i>Leptodon,</i>	114	32
<i>Conostomaum,</i>	99	29	<i>Leptohymenium,</i>	153	40
<i>Coscinodon,</i>	59	19	<i>Leptotrichum,</i>	41	13
<i>Cryptotheca,</i>	111	32	<i>Leskea,</i>	138	37
<i>Cryptotheca,</i>	128	35	<i>Leucobryum,</i>	31	11
<i>Cylindrothecium,</i>	151	39	<i>Leucodon,</i>	123	34
<i>Cynodontium.</i>	18	8	<i>Lindigia,</i>	150	39
<i>Daltonia,</i>	129	35	<i>Macromitrium,</i>	65	20
<i>Dendropogon.</i>	113	32	<i>Meesea,</i>	94	28
<i>Desmatodon,</i>	51	15	<i>Mielichhofeira,</i>	84	24
<i>Dichelyma,</i>	110	31	<i>Meteoriom,</i>	120	34
<i>Dichodontium,</i>	19	8	<i>Microdus,</i>	21	8
<i>Dicranella,</i>	23	8	<i>Micromitrium,</i>	66	20
<i>Dicranodontium.</i>	26	10	<i>Mnium.</i>	90	27

Genus.	Page.	Genus.	Page.
<i>Myrinia,</i>	135	<i>Rauia,</i>	146
<i>Myurella,</i>	137	<i>Rhaecopilum.</i>	38
<i>Nanomitrium,</i>	2	<i>Rhabdoweisia,</i>	172
<i>Neckera,</i>	117	<i>Rhegmatodon,</i>	47
<i>Octoblepharum,</i>	32	<i>Rhizogonium,</i>	17
<i>Oligotrichum,</i>	105	<i>Rhynchosstegium,</i>	7
<i>Oreoweisia,</i>	16	<i>Rozea,</i>	36
<i>Orthothecium,</i>	157	<i>Schistostega,</i>	89
<i>Orthotrichum,</i>	69	<i>Scleropodium,</i>	27
<i>Paludella,</i>	95	<i>Schlotheimia,</i>	164
<i>Pharomitrium,</i>	45	<i>Scouleria,</i>	42
<i>Phascum,</i>	5	<i>Seligeria,</i>	152
<i>Philonotis,</i>	101	<i>Sphærangium,</i>	39
<i>Phyllogonium,</i>	116	<i>Sphagnum,</i>	73
<i>Physcomitrella,</i>	3	<i>Splachnum,</i>	22
<i>Physcomitrium,</i>	81	<i>Sporledera,</i>	162
<i>Pilopogon,</i>	29	<i>Symbiolepharis,</i>	20
<i>Pilotrichella,</i>	119	<i>Syrrhopodon,</i>	42
<i>Plagiothecium,</i>	166	<i>Systegium,</i>	17
<i>Platygium,</i>	148	<i>Tayloria,</i>	36
<i>Pleuridium,</i>	6	<i>Tetraphis,</i>	4
<i>Pogonatum,</i>	107	<i>Tetraplodon,</i>	5
<i>Polytrichum,</i>	108	<i>Tetrapontium,</i>	175
<i>Porotrichum,</i>	154	<i>Thamnium,</i>	23
<i>Pottia,</i>	46	<i>Thelia,</i>	71
<i>Prionodon,</i>	127	<i>Thuidium,</i>	22
<i>Pseudoleskea,</i>	143	<i>Timmia,</i>	145
<i>Psilopilum,</i>	106	<i>Trematodon,</i>	38
<i>Pterigynandrum,</i>	147	<i>Trichodon,</i>	103
<i>Pterobryum,</i>	122	<i>Trichostomum,</i>	29
<i>Pterogonium,</i>	124	<i>Ulota,</i>	72
<i>Ptychodium,</i>	160	<i>Webera,</i>	165
<i>Ptychomitrium,</i>	60	<i>Weisia,</i>	43
<i>Pylaisia,</i>	149	<i>Zieria,</i>	139
<i>Pyramidula,</i>	80	<i>Zygodon,</i>	37
<i>Racomitrium,</i>	55		20
	18		22
			8
			13
			14
			20
			24
			27
			19

ADDITIONS AND CORRECTIONS.

- Sp. 11, for Br. Eu., read Hedw.
 " 12, add syn. (*S. triquetrum* Amer. authors).
 " 13, for C. M. read Schreh.
 " 15, to hab. add Pa.
 " 24, omit.
 " 26, add var. *microthea* Ainst., Va.
 " 30, omit Va.
 " 47, read *tophaceum*.
 " 54, *Breutelianum* B. & S.
 " 58, 1st var. omit ~~tot.~~
 " 58, 3d var. add syn. (*W. Wolffii* L. & J.)
 " 70, to 1st var. add N. Y., N E.
 Gen. 19, read (*Dicranum*).
 Sp. 72, for Rich. read Michx.
 Gen. 22, read *Angstroemia*.
 Sp. 83, to hab. add N. E.
 " 103, for S. & L. read Sull.
 " 108, for Sch. read Schwgr.
 " 111, for Lind. read Lindbg.
 " 128, for B. & S. read W. & S.
 " 139, read *Hellerianus*.
 After sp. 154 add sp. 154a, *gracilicanlis* Mitt. Fla.
 Sp. 156 and 165 omit.
 " 179, omit var.
 " 182, add syn. (*F. ruppestris* Wils.), Mid. Sts.
 " 183, read *Bougaeannas*.
 " 188, read *tristicha*.
 " 199, for Aust. read (Hedw.) Sch.
 " 202, for *tenue* read *lineare* (Swartz.).
 " 216, for Sch. read Brid.
 " 222, 234 and 537, to hab. add Ill.
 " 225, omit.
 After sp. 261 add 261a, *cripsum* Aust., Fla.
 Sp. 293, read *unguiculata*.
 " 299, to hab. add Br. Am.
 " 315, read *Orizabensis*.
 After sp. 329, add sp. 329a *squarrosa* Brid., Tenn.
 Sp. 338 and 364, for Ktz. read Kze.
 " 355, for B. & L. read B. & S.
 " 357, read *plagiopodia*.
 " 373, for Col. read Pac. Coast.
 " 376, for Mid. Sts. read Maine.
 " 383, to hab. add Br. Am.
 " 384, read *languinosum*.
 " 396, read *Andricuxii*.
 " 421, read *Leibholdtii*.
 " 444, for Hornsch. read Bruch.
 " 449, last var. omit Lake Ont.
 " 454, to hab. add Canada.
 Page 23, sp. Nos. read 518 and 519.
- Gen. 70, for Schrad. read Schreh.
 Sp. 491, for Cal. read Col.
 " 495, read *Selwynii*.
 Gen. 73, for Mohr. read Dicks.
 Sp. 499, for Froel. read Hedw.
 " 503, for (B. & S.) read (Hedw.)
 " 507, for B. & S. read (L.). Add Wht. Mts.
 " 509, for Hornsch. read Hornem.
 " 518, omit Fla.
 After sp. 522 add 522a, *latifolium* Brid., Col.
 Gen. 82, read *Entostodon* Schwg.
 Sp. 529, for Wohl. read Wahl.
 " 532, read *flavescens*.
 Gen. 84, read *Miclichhoferia*.
 " 583, for hab. read N. J. to Fla.
 " 624, read *Didymodontum*.
 " 663, for Brid. read (Hedw.)
 " 681, to hab. add G'land.
 After sp. 684, add 684a, *Mohriana* C. M., La.
 Gen. 99, for Sw. read Swartz.
 Sp. 686, for Alleg'y read Wht.
 After sp. 687, add 687a, *Mexicana* Sch., Mex.
 After sp. 698, add 698a **calcarea* B. & S., N. E., Br.
 Am., N. C., Col. 698b, *Schlumbergeri* Sch., Mex.
 Gen. 103, for H. read Hedw.
 Sp. 714, read *aligerum*.
 " 719, for Mx., read Michx. Add Wht. Mts.
 Gen. 108, for L. read Dill.
 Sp. 752, for Fla. read to Ala.
 " 756, to hab. add Mex.
 After sp. 759 add Family II., *Dichelymæ*.
 Sp. 766, to hab. add Conn.
 " 786, to hab. add Ala., La.
 " 787, read *Ohioense*.
 Gen. 117, for H. read Hedw.
 Sp. 811, read *orthorhyncha*.
 Gen. 127, read *Prionodon*.
 Sp. 889, for (Sch.) read (Schleich.).
 " 914, to hab. add Conn.
 " 934, for N. J. read Conn.
 " 944, to hab. add Col.
 After sp. 951, add 951a, *orthocarpum* Besch., Mex.
 Sp. 967, for Tex. read Tenn.
 " 993, read *cylindricaule*.
 " 1002, first var. read *apiculiferum*.
 " 1055, for (Sch.) read B. & S.
 " 1098, for (Dicks.) read (Hedw.)
 " 1098, to var. add syn. (*P. nitidulum* Wahl.)
 " 1101, for (Dill.) read (L.)
 " 1101, to last var. add syn. (*P. laetum* Sch.)

