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THE
PORTLAND CATALOGUE
OF
MAINE PLANTS.

SECOND EDITION.

*Extract from the Proceedings of the Portland Society of
Natural History, 1892.*

ORGANIZED 1843.

PORTLAND SOCIETY OF NATURAL HISTORY,
PORTLAND, MAINE, U. S. A.
1892.

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C. Smith
Maine. July 1892

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QK16
P65

ENVIRON
DESIGN
LIBRARY

NEW LIST OF MAINE PLANTS.

M. L. FERNALD.

The Portland Society of Natural History publishes this second edition of its "Catalogue of Maine Plants" with a two-fold object.

First, it is desirable as showing the progress that has been made since the date of its first publication in 1868, in the discovery of plants not then known to exist within the limits of the state. *Second*, it is intended to be an introduction to a much more annotated list of plants which, it is hoped, may be published within a few years.

This Catalogue of the future is intended to contain every known species and distinct variety of both Phænogamous and Cryptogamous Plants positively known to occur in the State. Each species will be carefully worked up, and, when not found in all sections, will, with its authentic locality be duly credited to its observer.

With this understanding and intention, it is earnestly desired that every botanist who has made explorations and collections in Maine should report the occurrence, within the limits of his observation, both of all plants recorded in this list and especially of those not yet placed there, and which may prove to be new discoveries. It is also very desirable, whenever possible, that specimens, in order to secure positive identification, be forwarded to the Portland Society of Natural History, or to the under-

signed, a corresponding member of the Society, and compiler of this second edition of the Catalogue of the Plants of Maine.

There has been as yet so little attention paid in Maine to the Cellular Cryptogams, that it is considered feasible in this preliminary work to omit these sections entirely, for if enumerated they would add many hundreds to our Catalogue. There is no more ample field for work or discovery in Maine that can be presented to a diligent and observing student, than the collection and critical study of Mosses, Hepaticæ, Fungi, etc. It is hoped that in the near future merited attention will be paid to these Flowerless Plants.

In compiling this Catalogue my chief source of information has been, of course, the original "Portland Catalogue," so carefully prepared by Prof. Geo. L. Goodale and the late Rev. Joseph Blake. The facts there recorded have been supplemented by notes from seventy or more collectors, prominent among whom may be mentioned Prof. G. L. Goodale, Prof. F. Lamson Scribner, Rev. Joseph Blake, Miss Kate Furbish, Mr. Edward L. Rand, Mr. John H. Redfield, Mr. C. E. Smith, Mr. John A. Allen, and Mr. John C. Parlin, to which are added the collections of the author.

It may not be out of place for me here to publicly express my appreciation of all the help rendered by my many correspondents, and to ask that in the future they will aid in making this undertaking a success, by continuing the interest of the past.

I have followed Bentham and Hooker's *Genera Plantarum* in the arrangement of Orders and Genera. While in the case of the class *Gymnospermæ*, it would perhaps have been well to follow the more natural system of placing it between the *Mono-cotyledonæ* and the *Pteridophyta*, yet it has been thought better to follow closely the sequence adopted by Gray.

So also the names in some cases might have been changed with advantage, but it was decided to follow the nomenclature of the

6th edition of Gray's Manual of the Botany of the Northern United States.

As usual in lists of this sort, it has been difficult to draw a definite line between the plants of foreign origin which have become fixed in our flora, and those which are only spontaneous to a slight extent. While some which might well be placed with the latter group have been included, yet nearly all are permanently established in our soil. The names of those plants which have been introduced are printed in *italics* to distinguish from the indigenous, and those supposed to be indigenous.

All names in the list marked * are reported as *generally* distributed; so any information whatever in regard to those which are *unmarked* is desirable.

Those marked † are not common along the seaboard, so we wish stations for these near the coast.

All marked — are generally found along the coast, so stations inland are of interest.

Plants marked || are abundant only on the mountains, so we shall be glad to know of stations at low altitudes.

All marked ? are not *positively* known to us to occur in the state, but their occurrence within its limits is claimed by good authority.

Any information whatever of value in making up the proposed extended work, will be gratefully received.

MERRITT LYNDON FERNALD.

CAMBRIDGE, MASS., APRIL 13, 1892.

POLYPETALÆ.

RANUNCULACEÆ.

Clematis, L.

- *1. *Virginiana*, L.
- 2. *verticillaris*, DC.

Anemone, Tourn.

- 3. *parviflora*, Michx.
- 4. *multifida*, DC.
- *5. *Virginiana*, L.
- 6. *Pennsylvanica*, L.
- *7. *nemorosa*, L.

Hepatica, Dill.

- †8. *triloba*, Chaix.
- 9. *acutiloba*, DC.

Anemonella, Spach.

- 10. *thalictroides*, Spach.

Thalictrum, Tourn.

- *11. *dioicum*, L.
- *12. *polygamum*, Muhl.
- *13. *purpurascens*, L.

Ranunculus, Tourn.

- 14. *circinatus*, Sibth.
- 15. *aquatilis*, L.,
var. *tricophyllus*, Gr.
- 16. *Cymbalaria*, Pursh.
- 17. *multifidus*, Pursh.
- 18. *ambigens*, Watson.
- *19. *Flammula*, L.,
var. *reptans*, Meyer.
- *20. *abortivus*, L.
- 21. *sceleratus*, L.
- *22. *recurvatus*, Poir.
- 23. *fascicularis*, Muhl.
- 24. *septentrionalis*, Poir.
- 25. *repens*, L.
- 26. *Pennsylvanicus*, L. f.
- †27. *bulbosus*, L.
- *28. *acris*, L.

Caltha,

- *29. *palustris*, L.

Trollius, L.

- 30. *laxus*, Salisb.

Coptis, Salisbury.

- *31. *trifolia*, Salisb.

Aquilegia, Tourn.

- *32. *Canadensis*, L.
- *33. *vulgaris*, L.

Delphinium, Tourn.

- 34. *Consolida*, L.

Aconitum, Tourn.

- 35. *uncinatum*, L. (?)

Cimicifuga, L.

- 36. *racemosa*, Nutt.

Actæa, L.

- *37. *spicata*, L.,
var. *rubra*, Ait.
- *38. *alba*, Bigelow.

MENISPERMACEÆ.

Menispermum, L.

- 39. *Canadense*, L.

BERBERIDACEÆ.

Berberis, L.

- *40. *vulgaris*, L.

Caulophyllum, Michaux.

- 41. *thalictroides*, Michx.

NYMPHÆACEÆ.

Brasenia, Schreb.

- *42. *peltata*, Pursh.

Nymphæa, Tourn.

- *43. *odorata*, Ait.
- 43a. “ var. *minor*, Sims.

Nuphar, Smith.

- *44. *advena*, Ait. f.
 44a. " var. *variegatum*,
 Eng.
 45. *rubrodiscum*, Morong.
 46. *Kalmianum*, Ait.

SARRACENIACEÆ.

Sarracenia, Tourn.

- *47. *purpurea*, L.

PAPAVERACEÆ.

Sanguinaria, Dill.

- *48. *Canadensis*, L.

Chelidonium, L.

- *49 *majus*, L.

Papaver, Tourn.

50. *somniferum*, L.
 51. *Rhæas*, L.

FUMARIACEÆ.

Adlumia, Raf.

52. *cirrhusa*, Raf.

Dicentra, Borkh.

53. *Cucularia*, DC.
 54. *Canadensis*, DC.

Corydalis, Vent.

- *55. *glauca*, Pursh.

Fumaria, Tourn.

56. *officinalis*, L.

CRUCIFERÆ.

Dentaria, Tourn.

- 57 *diphylla*, L.

Cardamine, Tourn.

58. *rhomboidea*, DC.
 59. *bellidifolia*, L.
 *60. *hirsuta*, L.

Arabis, L.

61. *hirsuta*, Scop.
 62. *lævigata*, Poir.
 63. *Canadensis*, L.
 64. *perfoliata*, Lam.
 65. *confinis*, Watson.
 66. *lyrata*, L.

Draba, Dill.

67. *incana*, L.
 67a. " var. *arabisans*,
 Watson.

Alyssum, Tourn.

68. *calycinum*, L.

Camelina, Crantz.

- *69. *sativa*, Crantz.

Subularia, L.

70. *aquatica*, L.

Nasturtium, R. Brown.

71. *officinale*, R. B.
 72. *sylvestre*, R. B. (?)
 *73. *palustre*, DC.
 73a. " *hispidum*, Gray.
 *74. *Armoracia*, Fries.

Barbarea, R. Brown.

- *75. *vulgaris*, R. B.
 *75a. " var. *arcuata*,
 Gray.

Hesperis, Tourn.

76. *matronalis*, L.

Erysimum, Tourn.

77. *cheiranthoides*, L.

Sisymbrium, Tourn.

- *78. *officinale*, Scop.

Brassica, Tourn.

- *79. *Sinapistrum*, Boiss.
 *80. *alba*, Gray.
 *81. *nigra*, Koch.
 *82. *campestris*, L.

Capsella, Medicus.

- *83. *Bursa-pastoris* Moench.

Thlaspi, Tourn.

84. *arvense*, L.

Lepidium, Tourn.

- *85. *Virginicum*, L.
 86. *intermedium*, Gray.
 87. *rudemale*, L.

Cakile, Tourn.

- 88. *Americana*, Nutt.

Raphanus, Tourn.

- *89. *Raphanistrum*, L.

CISTACEÆ.

Helianthemum, Tourn.

- *90.
- Canadense*
- , Michx.

Hudsonia, L.

- 91.
- ericoides*
- , L.

- 92.
- tomentosa*
- , Nutt.

Lechea, Kalm.

- 93.
- major*
- , Michx.

- *94.
- minor*
- , L.

- 94a. “
- var. maritima*
- , Gr.

VIOLACEÆ.

Viola, Tourn.

- 95.
- pedata*
- , L.

- 96.
- palmata*
- , L.

- *96a. “
- var. cucullata*
- ,
-
- Gray.

- *97.
- sagittata*
- , Ait.

- 98.
- Selkirkii*
- , Pursh.

- 99.
- palustris*
- , L.

- *100.
- blanda*
- , Willd.

- 100a.
- blanda*
- ,
-
- var. palustriformis*
- , Gray.

- 100b.
- blanda*
- ,
-
- var. renifolia*
- , Gray.

- 101.
- primulæfolia*
- , L.

- *102.
- lanceolata*
- , L.

- *103.
- rotundifolia*
- , Michx.

- *104.
- pubescens*
- , Ait.

- 105.
- Canadensis*
- , L.

- 106.
- striata*
- , Ait.

- 107.
- rostrata*
- , Pursh.

- *108.
- canina*
- , L.

- var. Muhlenbergii*
- , Gray.

- 108a.
- canina*
- ,

- var. puberula*
- , Watson.

- 109.
- tricolor*
- , L.,

- var. arvensis*
- , Gray.

CARYOPHYLLACEÆ.

Dianthus, L.

- 110.
- Armeria*
- , L.

Saponaria, L.

- *111.
- officinalis*
- , L.

- 112.
- Vaccaria*
- , L.

Silene, L.,

- 113.
- acaulis*
- , L.

Silene, L.,—*Continued*.

- 114.
- Cucubalus*
- , Wibel.

- 115.
- Pennsylvanica*
- , Michx.

- 116.
- Virginica*
- , L.

- *117.
- antirrhina*
- , L.

- 118.
- Armeria*
- , L.

- 119.
- Gallica*
- , L.

- *120.
- noctiflora*
- , L.

Lychnis, Tourn.

- 121.
- vespertina*
- , Sibth.

- *122.
- Githago*
- , Lam.

- 123.
- coronaria*
- , Lam.

- 124.
- Flos-cuculi*
- , L.

Arenaria, L.

- 125.
- serpyllifolia*
- , L.

- 126.
- Michauxii*
- , Hook. f.

- ||127.
- Grænlantica*
- , Spreng.

- *128.
- lateriflora*
- , L.

- 129.
- peplodes*
- , L.

Stellaria, L.

- *130.
- media*
- , L.

- *131.
- longifolia*
- , Muhl.

- 132.
- longipes*
- , Goldie.

- *133.
- graminea*
- , L.

- 134.
- uliginosa*
- , Murr.

- *135.
- borealis*
- , Bigelow.

- 136.
- humifusa*
- , Rottb.

Cerastium, L.

- 137.
- viscosum*
- , L.

- *138.
- vulgatum*
- , L.

- 139.
- arvense*
- , L.

Sagina, L.

- 140.
- procumbens*
- , L.

- 141.
- nodosa*
- , Fenzl.

Buda, Adans.

- *142.
- rubra*
- , Dumort.

- 143.
- marina*
- , Dum.

- 143a. “
- var. leiosperma*
- ,
-
- N. E. Brown

- 144.
- borealis*
- , Watson.

Spergula, L.

- 145.
- arvensis*
- , L.

PORTULACEÆ.

Portulaca, Tourn.

- *146.
- oleracea*
- , L.

Claytonia, Gronov.

147. *Virginica*, L.
148. *Caroliniana*, Michx.

ELATINACEÆ.

Elatine, L.

149. *Americana*, Arn.

HYPERICACEÆ.

Hypericum, Tourn.

150. *adpressum*, Barton.
*151. *ellipticum*, Hook.
*152. *perforatum*, L.
153. *maculatum*, Walter.
*154. *mutilum*, L.
*155. *Canadense*, L.
155a. *Canadense*,
var. *majus*, Gray.
156. *nudicaule*, Walter.

Elodes, Adanson.

- *157. *campanulata*, Pursh.

MALVACEÆ.

Althæa, L.

188. *officinalis*, L.

Malva, L.

- *159. *rotundifolia*, L.
160. *sylvestris*, L.
161. *crispa*, L.
*162. *moschata*, L.

Sida, L.

163. *spinosa*, L.

Hibiscus, L.

164. *Moscheutos*, L.
165. *Trionum*, L.

TILIACEÆ.

Tilia, Tournefort.

- *166. *Americana*, L.

LINACEÆ.

Linum, Tourn.

167. *Virginianum*, L.
*168. *usitatissimum*, L.

GERANIACEÆ.

Geranium, Tourn.

- *169. *maculatum*, L.
*170. *Robertianum*, L.
*171. *Carolinianum*, L.
172. *dissectum*, L.

Erodium, L'Her.

173. *cicutarium*, L'Her.

Oxalis, L.

- *174. *Acetosella*, L.
175. *violacea*, L.
*176. *corniculata*, L.,
var. *stricta*, Savi.

Impatiens, L.

177. *pallida*, Nuttall.
*178. *fulva*, Nutt.

RUTACEÆ.

Xanthoxylum, L.

179. *Americanum*, Mill.

ILICINEÆ.

Ilex, L.

180. *opaca*, Aiton.
*181. *verticillata*, Gray.
182. *lævigata*, Gray.

Nemopanthes, Rafinesque.

- *183. *fascicularis*, Raf.

CELASTRACEÆ.

Celastrus, L.

- *184. *scandens*, L.

RHAMNACEÆ.

Rhamnus, Tourn.

185. *alnifolia*, L'Her.
186. *cathartica*, L.

Ceanothus, L.

187. *Americanus*, L.

VITACEÆ.

Vitis, Tourn.

- *188. *Labrusca*, L.
*189. *æstivalis*, Michx.
190. *cordifolia*, Michx.

Ampelopsis, Michaux.

- *191. *quinquefolia*, Michx.

SAPINDACEÆ.

Acer, Tourn.

- *192. *Pennsylvanicum*, L.
- *193. *spicatum*, L.
- *194. *saccharinum*, Wang.
- 194a. " var. *nigrum*,
T. & G.
- 195. *dasycarpum*, Ehrh.
- *196. *rubrum*, L.

Staphylea, L.

- 197. *trifolia*, L.

ANACARDIACEÆ.

Rhus, L.

- *198. *typhina*, L.
- 199. *glabra*, L.
- 200. *copallina*, L.
- 201. *venenata*, D. C.
- *202. *Toxicodendron*, L.

POLYGALACEÆ.

Polygala, Tourn.

- *203. *paucifolia*, Willd.
- *204. *polygama*, Walter.
- 205. *Senega*, L.
- 206. *sanguinea*, L.
- 207. *cruciata*, L.
- *208. *verticillata*, L.

LEGUMINOSÆ.

Baptisia, Vent.

- 209. *tinctoria*, R. Brown.

Crotalaria, L.

- 210. *sagittalis*, L.

Genista, L.

- 211. *tinctoria*, L.

Lupinus, Tourn.

- 212. *perennis*, L.

Trifolium, Tourn.

- *213. *arvense*, L.
- *214. *pratense*, L.
- 215. *medium*, L.
- *216. *repens*, L.
- *217. *hybridum*, L.
- *218. *agrarium*, L.
- *219. *procumbens*, L.

Melilotus, Tourn.

- 220. *officinalis*, Willd.
- 221. *alba*, Lamarck.

Medicago, Tourn.

- 222. *sativa*, L.
- *223. *lupulina*, L.
- 224. *maculata*, Willd.

Tephrosia, Persoon.

- 225. *Virginiana*, Pers.

Robinia, L.

- 226. *Pseudacacia*, L.
- 227. *viscosa*, Vent.

Astragalus, Tourn.

- 228. *alpinus*, L.
- 229. *Robbinsii*, Gray.

Oxytropis, De Candolle.

- 230. *campestris*, DC.,
var. *cærulea*, Koch.

Hedysarum, Tourn.

- 231. *boreale*, Nuttall.

Desmodium, Desvaux.

- 232. *nudiflorum*, DC.
- *233. *acuminatum*, DC.
- 234. *rotundifolium*, DC.
- 235. *cuspidatum*, T. & G.
- 236. *Dillenii*, Darling.
- 237. *paniculatum*, DC.
- 238. *Canadense*, DC.
- 239. *Marilandicum*, F. Boott.

Lespedeza, Michaux.

- 240. *procumbens*, Michx.
- 241. *violacea*, Persoon.
- 242. *polystachya*, Michx.
- 243. *capitata*, Michx.

Vicia, Tourn.

- *244. *sativa*, L.
- 245. *tetrasperma*, L.
- *246. *Cracea*, L.
- 247. *Caroliniana*, Walter.

Lathyrus, Tourn.

- 248. *maritimus*, Bigelow.
- 249. *palustris*, L.
- 250. *pratensis*, L.

Apios, Boerhaave.

- *251. *tuberosa*, Moench.

Strophostyles, Elliott.
252. *angulosa*, Ell.

Amphicarpæa, Ell.
*253. *monoica*, Nutt.

Cassia, Tourn.
254. *Marilandica*, L.
255. *Chamæcrista*, L.
256. *nictitans*, L.

ROSACEÆ.

Prunus, Tourn.
257. *Americana*, Marsh.
258. *maritima*, Wang.
*259. *pumila*, L.
*260. *Pennsylvanica*, L. f.
261. *spinosa*, L.
*262. *Virginiana*, L.
*263. *serotina*, Ehrh.

Spiræa, L.
*264. *salicifolia*, L.
*265. *tomentosa*, L.
266. *sorbifolia*, L.

Rubus, Tourn.
267. *odoratus*, L.
268. *Chamæmorus*, L.
*269. *triflorus*, Richardson.
*270. *strigosus*, Michx.
271. *occidentalis*, L.
*272. *villosus*, Aiton.
272a. *villosus*, var. *frondosus*,
Torrey.
272b. *villosus*,
var. *humifusus*, T. & G.
*273. *Canadensis*, L.
*274. *hispidus*, L.

Dalibarda, L.
*275. *repens*, L.

Geum, L.
276. *album*, Gmelin.
*277. *Virginianum*, L.
278. *macrophyllum*, Willd.
*279. *strictum*, Ait.
*280. *rivale*, L.
281. *triflorum*, Pursh,

Waldsteinia, Willdenow.
282. *fragarioides*, Tratt.

Fragaria, Tournefort.
*283. *Virginiana*, Miller.
*284. *vesca*, L.

Potentilla, L.
285. *arguta*, Pursh.
*286. *Norvegica*, L.
287. *Pennsylvanica*, L.
*288. *argentea*, L.
*289. *palustris*, Scopoli.
290. *fruticosa*, L.
||291. *tridentata*, Ait.
292. *Anserina*, L.
*293. *Canadensis*, L.

Agrimonia, Tourn.
*294. *Eupatoria*, L.

Poterium, L.
295. *Canadense*, Benth. &
Hook.
296. *Sanguisorba*, L.

Rosa, Tourn.
297. *blanda*, Aiton.
*298. *Carolina*, L.
299. *lucida*, Ehrhart.
300. *humilis*, Marshall.
301. *nitida*, Willd.
*302. *rubiginosa*, L.
*303. *cinnamomea*, L.

Pyrus, L.
*304. *Malus*, L.
305. *arbutifolia*, L. f.
*305a. " var. *melano-*
carpa, Hook.
*306. *Americana*, DC.
307. *sambucifolia*, C. & S.

Crataegus, L.
308. *Oxyacantha*, L.
309. *coccinea*, L.
309a. *coccinea*, var. *mollis*,
T. & G.
309b. *coccinea*, var. *macra-*
cantha, Dudley.
310. *punctata*, Jacquin.
311. *Crus-galli*, L.

Amelanchier, Medicus.
*312. *Canadensis*, Torr. & Gr.
*312a. *Canadensis*,
var. *rotundifolia*, T. & G.

Amelanchier—Continued.

- *312b. *Canadensis*,
var. (?) *oblongifolia*,
T. & G.

- *313. *oligocarpa*, Roem.

SAXIFRAGACEÆ.**Saxifraga**, L.

- *314. *Virginensis*, Michx.
315. *Pennsylvanica*, L.
316. *stellaris*, L.,
var. *comosa*, Willd.

Tiarella, L.

- *317. *cordifolia*, L.

Mitella, Tourn.

318. *diphylla*, L.
*319. *nuda*, L.

Chrysosplenium, Tourn.

- *320. *Americanum*, Schwein.

Parnassia, Tourn.

321. *Caroliniana*, Michx.

Ribes, L.

322. *Cynosbati*, L.
*323. *oxyacanthoides*, L.
324. *lacustre*, Poiret.
*325. *prostratum*, L'Her.
*326. *floridum*, L.
327. *nigrum*, L.
*328. *rubrum*, L.
328b. *rubrum*,
var. *subglandulosum*, Max.

CRASSULACEÆ.**Penthorum**, Gronovius.

- *329. *sedoides*, L.

Sedum, Tourn.

330. *acre*, L.
*331. *Telephium*, L.
332. *Rhodiola*, DC.

DROSERACEÆ.**Drosera**, L.

- *333. *rotundifolia*, L.
*334. *intermedia*, Hayne,
var. *Americana*, DC.
335. *filiformis*, Raf.

HAMAMELIDEÆ.**Hamamelis**, L.

- *336. *Virginiana*, L.

HALORAGEÆ.**Myriophyllum**, Vaillant.

- *337. *spicatum*, L.
338. *verticillatum*, L.
339. *ambiguum*, Nutt.
339a. *ambiguum*,
var. *capillaceum*, T. & G.
340. *tenellum*, Bigelow.

Proserpinaca, L.

- *341. *palustris*, L.
342. *pectinacea*, Lam.

Hippuris, L.

343. *vulgaris*, L.

Callitriche, L.

- *344. *verna*, L.
345. *heterophylla*, Pursh.

MELASTOMACEÆ.**Rhexia**, L.

346. *Virginica*, L.

LYTHRACEÆ.**Lythrum**, L.

347. *Hyssopifolia*, L.
348. *Salicaria*, L.

Decodon, Gmelin.

349. *verticillatus*, Ell.

ONAGRACEÆ.**Ludwigia**, L.

350. *alternifolia*, L.
*351. *palustris*, Ell.

Epilobium, L.

- *352. *angustifolium*, L. *n*
353. *hirsutum*, L.
*354. *lineare*, Muhl.
355. *strictum*, Muhl.
*356. *coloratum*, Muhl.
357. *adenocaulon*, Haussk.
358. *Hornemanni*, Reichenb.

Oenothera, L.

- *359. biennis, L.
- 359a. biennis,
var. *cruciata*, T. & G.
- 359b. biennis,
var. *grandiflora*, Lindl.
- *360. *pumila*, L.
- 361. *fruticosa*, L.

Circeæa, Tourn.

- *362. *Lutetiana*, L.
- *363. *alpina*, L.

CUCURBITACEÆ.

Sicyos, L.

- 364. *angulatus*, L.

Echinocystis, Torrey & Gr.

- 365. *lobata*, T. & G.

FICOIDEÆ.

Mollugo, L.

- 366. *verticillata*, L.

UMBELLIFERÆ.

Daucus, Tourn.

- *367. *Carota* L.

Angelica, L.

- 368. *atropurpurea*, L.

Conioselinum, Fischer.

- 369. *Canadense*, Torr. & Gr.

Heracleum, L.

- *370. *lanatum*, Michx.

Pastinaca, L.

- *371. *sativa*, L.

Thaspium, Nuttall.

- 372. *aureum*, Nuttall.

Ligusticum, L.

- 373. *Scoticum*, L.

Cœlopleurum, Ledebour.

- 374. *Gmelini*, Ledeb.

Pimpinella, L.

- 375. *integerrima*, B. & H.

Cryptotænia, De Candolle.

- 376. *Canadensis*, DC.

Sium, Tourn.

- *377. *cicutæfolium*, Gmel.

Zizia, Koch.

- *378. *aurea*, Koch.

Carum, L.

- *379. *Carui*, L.

Cicuta, L.

- *380. *maculata*, L.
- *381. *bulbifera*, L.

Conium, L.

- *382. *maculatum*, L.

Osmorrhiza, Rafinesque.

- 383. *brevistylis*, DC.
- 384. *longistylis*, DC.

Hydrocotyle, Tourn.

- *385. *Americana*, L.

Sanicula, Tourn.

- *386. *Marilandica*, L.
- 386a. *Marilandica*,
var. *Canadensis*, Torr.

ARALIACEÆ.

Aralia, Tourn.

- *387. *racemosa*, L.
- *388. *hispida*, Vent.
- *389. *nudicaulis*, L.
- 390. *quinquefolia*, D. & P.
- *391. *trifolia*, Dec. & Planch.

CORNACEÆ.

Cornus, Tourn.

- *392. *Canadensis*, L.
- 393. *florida*, L.
- *394. *circinata*, L'Her.
- 395. *sericea*, L.
- *396. *stolonifera*, Michx.
- *397. *paniculata*, L'Her.
- *398. *alternifolia*, L. f.

Nyssa, L.

- 399. *sylvatica*, Marsh.

GAMOPETALÆ.

CAPRIFOLIACEÆ.

Sambucus, Tourn.*400. *Canadensis*, L.*401. *racemosa*, L.**Viburnum**, L.*402. *lantanoides*, Michx.*403. *Opulus*, L.404. *pauciflorum*, Pylaie.*405. *acerifolium*, L.*406. *dentatum*, L.*407. *cassinoides*, L.408. *Lentago*, L.**Triosteum**, L.409. *perfoliatum*, L.**Linnaea**, Gronovius.*410. *borealis*, Gronovius.**Symphoricarpos**, Dill.411. *racemosus*, Michx.**Lonicera**, L.*412. *ciliata*, Muhl.*413. *cærulea*, L.414. *oblongifolia*, Muhl.415. *sempervirens*, Aiton.416. *hirsuta*, Eaton.417. *glauca*, Hill.**Diervilla**, Tourn.*418. *trifida*, Moench.

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Gray.

429b. “ var. *latifolium*,

Torr.

*430. *asprellum*, Michx.*431. *triflorum*, Michx.

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Vernonia, Schreber.436. *Noveboracensis*, Willd.**Eupatorium**, Tourn.*438. *rotundifolium*, L.,var. *ovatum*, Torr.*439. *perfoliatum*, L.440. *ageratoides*, L.**Liatrix**, Schreber.441. *scariosa*, Willd.*437. *purpureum*, L.

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Solidago, L.

- 442. squarrosa, Muhl.
- 443. cæsia, L.
- 443a. " var. axillaris, Gr.
- *444. latifolia, L.
- *445. bicolor, L.
- 445a. bicolor,
var. concolor, T. & G.
- 446. macrophylla, Pursh.
- 447. Virgaurea, L.,
var. alpina, Bigelow.
- 448. humilis, Pursh.
- 448a. humilis,
var. microcephala, Porter.
- 449. sempervirens, L.
- 450. puberula, Nutt.
- 450a. " var. monticola,
Porter.
- 451. uliginosa, Nutt.
- 452. speciosa, Nutt.
- 453. odora, Ait.
- 454. patula, Muhl.
- *455. rugosa, Mill.
- *456. ulmifolia, Muhl.
- 457. neglecta, T. & G.
- 457a. " var. linoides,
Gray.
- 458. arguta, Ait.
- 459. juncea, Ait.
- 459a. " var. ramosa,
Britt. & Port.
- *460. serotina, Ait.
- *460a. " var. gigantea,
Gray.
- *461. Canadensis, L.
- *462. nemoralis, L.
- *463. lanceolata, L.

Bellis, Tourn.

- 464. *perennis*, L.

Sericocarpus, Nees.

- 465. conyzoides, Nees.
- 466. solidagineus, Nees.

Aster, L.

- *467. corymbosus, Ait.
- *468. macrophyllus, L.
- 469. Herveyi, Gray.
- *470. radula, Ait.
- 471. Novæ-Angliæ, L.

Aster—Continued.

- 472. patens, Ait.
- *473. undulatus, L.
- *474. cordifolius, L.
- 475. Drummondii, Lindl.
- 476. Lindleyanus, Torr. & Gr.
- 477. lævis, L.
- 478. polyphyllus, Willd.
- 479. ericoides, L.
- 480. multiflorus, Ait.
- *481. dumosus, L.
- *482. vimineus, Lam.
- *482a. " var. foliosus,
Gray.
- *483. diffusus, Ait.
- 484. Tradescanti, L.
- *485. paniculatus, Lam.
- 486. salicifolius, Ait.
- 487. junceus, Ait.
- 488. longifolius, Lam.
- 488a. longifolius,
var. villicaulis, Gray.
- *489. Novi-Belgii, L.
- 489a. Novi-Belgii,
var. lævigatus, Gray.
- 489b. Novi-Belgii,
var. litoreus, Gray.
- 490. patulus, Lam.
- 491. tardiflorus, L.
- *492. puniceus, L.
- 492a. puniceus,
var. lævicaulis, Gray.
- 492b. puniceus,
var. lucidulus, Gray.
- *493. umbellatus, Mill.
- *494. linariifolius, L.
- *495. acuminatus, Michx.
- *496. nemoralis, Ait.
- 497. tenuifolius, L.
- 498. subulatus, Michx.

Erigeron, L.

- *499. Canadensis, L.
- *500. annuus, Pers.
- *501. strigosus, Muhl.
- 502. hyssopifolius, Michx.
- 503. bellidifolius, Muhl.
- 504. Philadelphicus, L.

Antennaria, Gärtner.

- *505. *plantaginifolia*, Hook.

Anaphalis, De Candolle.

- *506. *margaritacea*, B. & H.

Gnaphalium, L.

- *507. *polycephalum*, Michx.
 *508. *decurrens*, Ives.
 *509. *uliginosum*, L.
 510. *supinum*, Villars.
 511. *purpureum*, L.

Inula, L.

- *512. *Helenium*, L.

Ambrosia, Tourn.

513. *trifida*, L.
 *514. *artemisiæfolia*, L.

Xanthium, Tourn.

515. *Canadense*, Mill.
 var. echinatum, Gray.
 516. *spinosum*, L.
 517. *strumarium*, L.

Heliopsis, Persoon.

518. *lævis*, Pers.
 519. *scabra*, Dunal.

Echinacea, Moench.

520. *augustifolia*, DC.

Rudbeckia, L.

521. *laciniata*, L.
 *522. *hirta*, L.

Helianthus, L.

- *523. *annuus*, L.
 524. *giganteus*, L.
 525. *divaricatus*, L.
 526. *strumosus*, L.
 527. *decapetalus*, L.
 *528. *tuberosus*, L.

Bidens, L.

- *529. *frondosa*, L.
 *530. *connata*, Muhl.
 *531. *cernua*, L.
 532. *chrysanthemoides*, Michx.
 533. *Beckii*, Torr.

Anthemis, L.

- *534. *Cotula*, DC.
 535. *arvensis*, L.

Achillea, L.

- *536. *Millefolium*, L.
 537. *Ptarmica*, L.

Matricaria, Tourn.

538. *inodora*, L.
 539. *discoidea*, DC.

Chrysanthemum, Tourn.

- *540. *Leucanthemum*, L.
 541. *Parthenium*, Pers.

Tanacetum, L.

- *542. *vulgare*, L.
 543. *Huronense*, Nutt.

Artemisia, L.

544. *caudata*, Michx.
 545. *Canadensis*, Michx.
 546. *borealis*, Pallas.
 *547. *vulgaris*, L.
 548. *Stelleriana*, Bess.
 *549. *Absinthium*, L.

Tussilago, Tourn.

550. *Farfara*, L.

Petasites, Tourn.

551. *palmata*, Gray.

Arnica, L.

552. *Chamissonis*, Less.

Senecio, Tourn.

- *553. *vulgaris*, L.
 *554. *aureus*, L.
 554a. *aureus*,
 var. obovatus, T. & G.
 554b. *aureus*,
 var. Balsamitæ, T. & G.

Erechtites, Raf.

- *555. *hieracifolia*, Raf.

Arctium, L.

- *556. *Lappa*, L.
 *556a. " *var. minus*, Gray.
 556b. " *var. majus*, Gray.
 556c. " *var. tomentosum*, Gray.

Cnicus, Tourn.

- *557. *lanceolatus*, Hoffm.
 558. *altissimus*, Willd.,
 var. discolor, Gray.
 *559. *muticus*, Pursh.
 560. *pumilus*, Torr.
 *561. *arvensis*, Hoffm.

Centaurea, L.

- 562. *Cyanus*, L.
- 563. *nigra*, L.
- 564. *Jacea*, L.

Krigia, Schreber.

- 565. *Virginica*, Willd.

Cichorium, Tourn.

- *566. *Intybus*, L.

Leontodon, L., Juss.

- *567. *autumnalis*, L.

Hieracium, Tourn.

- *568. *aurantiacum*, L.
- *569. *Canadense*, Michx.
- 570. *paniculatum*, L.
- 571. *venosum*, L.
- *572. *scabrum*, Michx.

Prenanthes, Vaill.

- 573. *racemosa*, Michx.
- 574. *Mainensis*, Gray.
- *575. *alba*, L.
- 576. *serpentaria*, Pursh.
- 576a. *serpentaria*,
var. *nana*, Gray.
- *577. *altissima*, L.
- 578. *Boottii*, Gray.

Taraxacum, Haller.

- *579. *officinale*, Weber.

Lactuca, Tourn.

- *580. *Canadensis*, L.
- 581. *integrifolia*, Bigelow.
- 582. *hirsuta*, Muhl.
- *583. *leucophæa*, Gray.

Sonchus, L.

- *584. *oleraceus*, L.
- *585. *asper*, Vill.
- 586. *arvensis*, L.

LOBELIACEÆ.

Lobelia, L.

- *587. *cardinalis*, L.
- 588. *syphilitica*, L.
- *589. *spicata*, Lam.
- 590. *Kalmii*, L.
- *591. *inflata*, L.
- *592. *Dortmanna*, L.

CAMPANULACEÆ.

Specularia, Heister.

- 593. *perfoliata*, A. DC.

Campanula, Tourn.

- *594. *rapunculoides*, L.
- *595. *rotundifolia*, L.
- *596. *aparinoides*, Pursh.

ERICACEÆ.

Gaylussacia, H. B. K.

- 597. *dumosa*, Torr. & Gr.
- 598. *frondosa*, T. & G.
- *599. *resinosa*, T. & G.

Vaccinium, L.

- 600. *stramineum*, L.
- *601. *Pennsylvanicum*, Lam.
- 601a. *Pennsylvanicum*,
var. *angustifolium*, Gray.
- *602. *Canadense*, Kalm.
- 603. *vacillans*, Solander.
- *604. *corymbosum*, L.
- 604a. *corymbosum*,
var. *amœnum*, Gr.
- 604b. *corymbosum*,
var. *pallidum*, Gr.
- 604c. *corymbosum*,
var. *atrocoecum*, Gr.
- 605. *uliginosum*, L.
- 606. *cæspitosum*, Michx.
- 606a. *cæspitosum*,
var. *cuneifolium*, Nutt.
- ||607. *Vitis-Idæa*, L.
- *608. *Oxycoccus*, L.
- *609. *macrocarpon*, Ait.

Chiogenes, Salisbury.

- *610. *serpyllifolia*, Salisbury.

Arctostaphylos, Adans.

- 611. *Uva-ursi*, Spreng.
- 612. *alpina*, Spreng.

Epigæa, L.

- *613. *repens*, L.

Gaultheria, Kalm.

- *614. *procumbens*, L.

Andromeda, L.

- *615. *polifolia*, L.
- 616. *ligustrina*, Muhl.

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Asclepias, L.

- 666. *tuberosa*, L.
- *667. *incarnata*, L.
- *667a. " var. *pulchra*,
Pers.
- *668. *Cornuti*, Dec.
- 669. *obtusifolia*, Michx.
- 670. *phytolaccoides*, Pursh.
- 671. *quadrifolia*, L.
- 672. *verticillata*, L.

GENTIANACEÆ.

Sabbatia, Adans.

- 673. *stellaris*, Pursh.

Gentiana, Tourn.

- 674. *crinita*, Froel.
- 675. *quinqueflora*, Lam.
- 676. *Andrewsii*, Griseb.
- 677. *linearis*, Froel.

Halenia, Borkhausen.

- 678. *deflexa*, Griseb.

Bartonia, Muhlenberg.

- 679. *tenella*, Muhl.

Menyanthes, Tourn.

- *680. *trifoliata*, L.

Limnanthemum, Gmelin.

- *681. *lacunosum*, Griseb.

HYDROPHYLLACEÆ.

Hydrophyllum, Tourn.

- 682. *Virginicum*, L.

BORAGINACEÆ.

Cynoglossum, Tourn.

- 683. *officinale*, L.
- 684. *Virginicum*, L. (?)

Echinosperrum, Lehm.

- 685. *Virginicum*, Lehm.
- 686. *Lappula*, Lehm.

Mertensia, Roth.

- 687. *maritima*, Don.

Myosotis, Dill.

- 688. *laxa*, Lehm.
- 688. *arvensis*, Hoffm.
- 690. *verna*, Nutt.

Lithospermum, Tourn.

- 691. *arvense*, L.

Symphytum, Tourn.

- 692. *officinale*, L.

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- 693. *arvensis*, L.

Echium, Tourn.

- 694. *vulgare*, L.

CONVOLVULACEÆ.

Convolvulus, Tourn.

- 695. *spithameus*, L.
- *696. *sepium*, L.
- 696a. " var. *Americanus*,
Sims.
- 696b. *sepium*, var. *repens*,
Gray.
- 697. *arvense*, L.
- 698. (*Calystegia pubescens*,)
Lindl.

Cuscuta, Tourn.

- *699. *Gronovii*, Willd.
- 699a. " var. *latiflora*,
Engelm.

SOLANACEÆ.

Solanum, Tourn.

- 700. *Dulcamara*, L.
- 701. *nigrum*, L.

Physalis, L.

- 702. *Virginiana*, Mill.

Nicandra, Adans.

- 703. *physaloides*, Gaertn.

Hyoscyamus, Tourn.

- 704. *niger*, L.

Datura, L.

- 705. *Stramonium*, L.

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- 706. *Thapsus*, L. *italica*, n.
- 707. *Blattaria*, L.

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- *708. *Canadensis*, Dum.
- 709. *vulgaris*, Mill.

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- 710. *nodosa*, L.,
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762. *reptans*, L.

Collinsonia, L.

763. *Canadensis*, L.

Mentha, Tourn.

764. *rotundifolia*, L.

*765. *viridis*, L.

*766. *piperita*, L.

766a. *piperita*,

var. *subhirsuta*, Gray.

767. *sativa*, L.

768. *arvensis*, L.

*769. *Canadensis*, L.

769a. *Canadensis*,

var. *glabrata*, Benth.

Lycopus, Tourn.

*770. *Virginicus*, L.

*771. *sinuatus*, Ell.

Hyssopus, Tourn.

772. *officinalis*, L.

Pycnanthemum, Michx.

773. *lanceolatum*, Pursh.

774. *muticum*, Pers.

775. *incanum*, Michx.

Thymus, Tourn.

776. *Serpyllum*, L.

Calamintha, Tourn.

777. *Clinopodium*, Benth.

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778. *officinalis*, L.

Hedeoma, Pers.

*779. *pulegioides*, Pers.

Monarda, L.

780. *didyma*, L.

781. *fistulosa*, L.

781a. *fistulosa*,

var. *rubra*, Gray.

781b. *fistulosa*,

var. *mollis*, Benth.

Monarda, L.—Continued.

782. *punctata*, L.

Nepeta, L.

*783. *Cataria*, L.

*784. *Glechoma*, Benth.

Scutellaria, L.

*785. *lateriflora*, L.

*786. *galericulata*, L.

Brunella, Tourn.

*787. *vulgaris*, L.

Physostegia, Benth.

788. *Virginiana*, Benth.

Marrubium, Tourn.

789. *vulgare*, L.

Leonurus, L.

*790. *Cardiaca*, L.

Lamium, L.

791. *amplexicaule*, L.

792. *maculatum*, L.

Galeopsis, L.

*793. *Tetrahit*, L.

794. *Ladanum*, L.

Stachys, Tourn.

795. *arvensis*, L.

796. *palustris*, L.

797. *aspera*, Michx.

PLANTAGINACEÆ.

Plantago, Tourn.

*798. *major*, L.

799. *Rugelii*, Decaisne.

*800. *lanceolata*, L.

801. *decipiens*, Barneoud.

802. *maritima*, L.

803. *Patagonica*, Jacq.

var. *aristata*, Gray.

804. *Virginica*, L.

APETALÆ.

ILLECEBRACEÆ.

Anychia, Michx.805. *dichotoma*, Michx.**Paronychia**, Tourn.806. *argyrocoma*, Nutt.**Scleranthus**, L.807. *annuus*, L.

AMARANTACEÆ.

Amarantus, Tourn.808. *hypochondriacus*, L.*809. *retroflexus*, L.*810. *chlorostachys*, Willd.810a. *chlorostachys*,
var. *hybridus*, Wats.811. *albus*, L.

*CHENOPODIACEÆ.

Chenopodium, Tourn.*812. *album*, L.*812a. " var. *viride*, Moq.813. *urbicum*, L.814. *murale*, L.815. *hybridum*, L.816. *glaucum*, L.817. *rubrum*, L.818. *capitatum*, Watson.819. *Botrys*, L.**Atriplex**, Tourn.820. *patulum*, L.820a. *patulum*,
var. *hastatum*, Gray.820b. *patulum*,
var. *littorale*, Gray.**Salicornia**, Tourn.821. *mucronata*, Bigelow.—822. *herbacea*, L.823. *ambigua*, Michx.**Suaeda**, Forskal.—824. *linearis*, Moq.**Salsola**, L.—825. *Kali*, L.

PHYTOLACCACEÆ.

Phytolacca, Tourn.826. *decandra*, L.

POLYGONACEÆ.

Rumex, L.827. *patentia*, L. P/2*828. *Brittanica*, L.829. *salicifolius*, Weinmann.830. *verticillatus*, L.*831. *crispus*, L.*832. *obtusifolius*, L.*833. *sanguineus*, L.*834. *ficetosella*, L. A**Polygonum**, Tourn.835. *maritimum*, L.*836. *aviculare*, L.837. *erectum*, L.838. *tenue*, Michx.*839. *lapathifolium*, L.840. *Pennsylvanicum*, L.*841. *amphibium*, L.*842. *Muhlenbergii*, Watson.843. *Hartwrightii*, Gray.844. *Careyi*, Olney.845. *orientale*, L.*846. *Persicaria*, L.847. *hydropiperoides*, Michx.*848. *Hydropiper*, L.849. *acre*, H. B. K.850. *viviparum*, L. i, out851. *Virginianum*, L.852. *arifolium*, L.*853. *sagittatum*, L.

Polygonum, Tourn.

- *854. *Convolverulus*, L.
 *855. *cilinode*, Michx.
 856. *dumetorum*, L.,
 var. *scandens*, Gray.
 857. *cuspidatum*, S. & Z.

Fagopyrum, Tourn.

- *858. ~~*Esulentum*~~, Moench.
 *859. *Tataricum*, Gaertn.

Polygonella, Michx.

860. *articulata*, Meisn.

PODOSTEMACEÆ.

Podostemon, Michx.

861. *ceratophyllus*, Michx.

ARISTOLOCHACEÆ.

Asarum, Tourn.

862. *Canadense*, L.

PIPERACEÆ.

Saururus, L.

863. *cernuus*, L.
 (fide Port. Cat.)

LAURACEÆ.

Sassafras, Nees.

864. *officinale*, Nees.

Lindera, Thunb.

865. *Benzoin*, Blume.

THYMELÆACEÆ.

Dirca, L.

866. *palustris*, L.

SANTALACEÆ.

Comandra, Nutt.

867. *umbellata*, Nutt.

EUPHORBIACEÆ.

Euphorbia, L.

868. *polygonifolia*, L.
 869. *maculata*, L.
 870. *Preslii*, Guss.
 871. *Helioscopia*, L.
 872. *Esula*, L.
 *873. *Cyparissias*, L.
 874. *Peplus*, L.

Acalypha, L.

- *875. *Virginica*, L.

URTICACEÆ.

Ulmus, L.

876. *fulva*, Michx.
 *877. *Americana*, L.

Celtis, Tourn.

878. *occidentalis*, L. (?)

Cannabis, Tourn.

- *879. *sativa*, L.

Humulus, L.

880. *Lupulus*, L.

Morus, Tourn.

881. *alba*, L.

Urtica, Tourn.

- *882. *gracilis*, Ait.
 883. *dioica*, L.
 884. *urens*, L.

Laportea, Gaudich.

- *885. *Canadensis*, Gaud.

Pilea, Lindl.

- *886. *pumila*, Gray.

Boehmeria, Jacq.

887. *cylindrica*, Willd.

Parietaria, Tourn.

888. *Pennsylvanica*, Muhl.

PLATANACEÆ.

Platanus, L.

889. *occidentalis*, L.

JUGLANDACEÆ.

Juglans, L.

- *890. *cinerea*, L.

Carya, Nutt.

891. *alba*, Nutt.
 892. *porcina*, Nutt.
 893. *amara*, Nutt.

MYRICACEÆ.

Myrica, L.

- *894. *Gale*, L.
 —895. *cerifera*, L.
 *896. *asplenifolia*, Endl.

CUPULIFERÆ.

Betula, Tourn.

- *897. *lenta*, L.
- *898. *lutea*, Michx. f.
- *899. *populifolia*, Ait.
- *900. *papyrifera*, Marsh.
- 900a. *papyrifera*,
var. *minor*, Tuck.
- 901. *nigra*, L.
- 902. *pumila*, L.
- 903. *glandulosa*, Michx.

Alnus, Tourn.

- *904. *viridis*, DC.
- *905. *incana*, Willd.
- 906. *serrulata*, Willd.

Corylus, Tourn.

- *907. *Americana*, Walt.
- *908. *rostrata*, Ait.

Ostrya, Micheli.

- *909. *Virginica*, Willd.

Carpinus, L.

- *910. *Caroliniana*, Walt.

Quercus, L.

- *911. *alba*, L.
- 912. *bicolor*, Willd.
- 913. *Prinus*, L.
- 914. *Muhlenbergii*, Engelm.
- 915. *prinoides*, Willd.
- *916. *rubra*, L.
- 917. *coccinea*, Wang.
- 917a. *coccinea*,
var. *tinctoria*, Gray.
- 917b. *coccinea*,
var. *ambigua*, Gray.
- 918. *ilicifolia*, Wang.

Castanea, Tourn.

- 919. *sativa*, Mill.
- var. *Americana*, Gray.

Fagus, Tourn.

- *920. *ferruginea*, Ait.

SALICACEÆ.

Salix, Tourn.

- 921. *nigra*, Marsh.
- *922. *lucida*, Muhl.
- 923. *fragilis*, L.

Salix, Tourn.—*Continued*.

- 924. *alba*, L.
- 924a. “ var. *vitellina*, Koch.
- 925. *longifolia*, Muhl.
- *926. *rostrata*, Rich.
- *927. *discolor*, Muhl.
- 927a. *discolor*,
var. *eriocephala*, And.
- 927b. *discolor*,
var. *prinoides*, And.
- *928. *humilis*, Marsh.
- 928a. *humilis* × *discolor*,
Bebb.
- 929. *tristis*, Ait.
- 930. *sericea*, Marsh.
- *931. *petiolaris*, Smith.
- 931a. *petiolaris*,
var. *angustifolia*, And.
- 932. *argyrocarpa*, And.
- 933. *candida*, Willd.
- 934. *viminalis*, L.
- 935. *purpurea*, L.
- *936. *cordata*, Muhl.
- 937. *balsamifera*, Barratt.
- 938. *myrtilloides*, L.
- 938a. *myrtilloides*,
var. *pedicellaris*, And.
- 939. *Uva-ursi*, Pursh.
- 940. *herbacea*, L.

Populus, Tourn.

- *941. *alba*, L.
- *942. *tremuloides*, Michx.
- *943. *grandidentata*, Mx.
- *944. *balsamifera*, L.
- 944a. *balsamifera*,
var. *candicans*, Gray.

EMPETRACEÆ.

Empetrum, Tourn.

- ||945. *nigrum*, L.

Corema, Don.

- 946. *Conradii*, Torr.

CERATOPHYLLACEÆ.

Ceratophyllum, L.

- 947. *demersum*, L.

GYMNOSPERMÆ.

CONIFERÆ.

Pinus, Tourn.

- *948. *Strobus*, L.
- *949. *rigida*, Mill.
- 950. *Banksiana*, Lamb.
- 951. *resinosa*, Ait.

Picea, Link.

- *952. *nigra*, Link.
- 953. *alba*, Link.

Tsuga, Carrière.

- *954. *Canadensis*, Carr.

Abies, Link.

- *955. *balsamea*, Miller.

Larix, Tourn.

- *956. *Americana*, Michx.

Chamæcyparis, Spach.

- 957. *sphæroidea*, Spach.

Thuja, Tourn.

- *958. *occidentalis*, L.

Juniperus, L.

- *959. *communis*, L.
- 959a. *communis*, -
var. *alpina*, Gaud.
- *960. *Sabina*, L.,
var. *procumbens*, Pursh.
- 961. *Virginiana*, L.

Taxus, Tourn.

- *962. *Canadensis*, Willd.

MONOCOTYLEDONÆ.

HYDROCHARIDACEÆ.

Elodea, Michx.

- 963. *Canadensis*, Michx.

Vallisneria, L.

- 964. *spiralis*, L.

ORCHIDACEÆ.

Microstylis, Nutt.

- 965. *monophyllos*, Lindl.
- *966. *ophioglossoides*, Nutt.

Liparis, Richard.

- 967. *liliifolia*, Richard.
- 968. *Læselii*, Richard.

Calypso, Salisb.

- 969. *borealis*, Salisb.

Aplectrum, Nutt.

- 970. *hiemale*, Nutt.

Corallorhiza, Haller.

- 971. *innata*, R. Br.
- 972. *odontorhiza*, Nutt.
- *973. *multiflora*, Nutt.

Listera, R. Brown.

- 974. *cordata*, R. Brown.
- 975. *convallarioides*, Nutt.

Spiranthes, Richard.

- 976. *latifolia*, Torr.
- 977. *Romanzoffiana*, Cham.
- *978. *cernua*, Rich.
- 979. *præcox*, Watson.
- *980. *gracilis*, Bigelow.

Goodyera, R. Br.

*981. repens, R. Br.

*982. pubescens, R. Br.

983. Menziesii, Lindl.

Arethusa, Gronov.

*984. bulbosa, L.

Calopogon, R. Br.

*985. pulchellus, R. Br.

Pogonia, Juss.

*986. ophioglossoides, Nutt.

987. verticillata, Nutt.

Orchis, L.

988. spectabilis, L.

989. rotundifolia, Pursh.

Habenaria, Willd.

*990. tridentata, Hook.

991. virescens, Spreng.

992. bracteata, R. Br.

*993. hyperborea, R. Br.

*994. dilatata, Gray.

995. obtusata, Rich.

*996. Hookeri, Torr.

997. orbiculata, Torr.

998. blephariglottis, Torr.

998a. blephariglottis,
var. holopetala, Torr.

999. lacera, R. Br.

*1000. psychodes, Gray.

*1001. fimbriata, R. Br.

Cypripedium, L.

1002. arietinum, R. Br.

1003. parviflorum, Salisb.

1004. pubescens, Willd.

1005. spectabile, Swartz.

*1006. acaule, Ait.

HÆMODORACEÆ.**Aletris**, L.

1007. farinosa, L.

IRIDACEÆ.**Iris**, Tourn.

*1008. versicolor, L.

1009. prismatica, Pursh.

Sisyrinchium, L.

*1010. angustifolium, Mill.

1011. aniceps, Cav.

AMARYLLIDACEÆ.**Narcissus**, L.

1012. poeticus, L.

Hypoxis, L.

1013. erecta, L.

LILIACEÆ.**Smilax**, Tourn.

*1014. herbacea, L.

1015. rotundifolia, L.

Allium, L.

1016. Schœnoprasum, L.

1017. Canadense, Kalm.

Hemerocallis, L.

*1018. fulva, L.

Convallaria, L.

1019. majalis, L.

Polygonatum, Tourn.

*1020. biflorum, Ell.

Asparagus, Tourn.

*1021. officinalis, L.

Smilacina, Desf.

*1022. racemosa, Desf.

1023. stellata, Desf.

*1024. trifolia, Desf.

Maianthemum, Wigg.

*1025. Canadense, Desf.

Streptopus, Michx.

*1026. amplexifolius, DC.

1027. roseus, Michx.

Clintonia, Raf.

*1028. borealis, Raf.

Uvularia, L.

1029. perfoliata, L.

1030. grandiflora, Smith.

Oakesia, Watson.

*1031. sessilifolia, Wats.

Erythronium, L.

*1032. Americanum, Ker.

Lilium, L.

*1033. Philadelphicum, L.

1034. superbum, L.

*1035. Canadense, L.

*1036. tigrinum, Ker.

Medeola, Gronov.

- *1037. Virginiana, L.

Trillium, L.

- *1038. erectum, L.
 *1039. cernuum, L.
 *1040. erythrocarpum, Michx.

Tofieldia, Hudson.

1041. glutinosa, Willd.

Veratrum, Tourn.

- *1042. viride, Ait.

PONTEDERIACEÆ.

Pontederia, L.

- *1043. cordata, L.
 1043a. " var. angustifolia,
 Torrey.

Heteranthera, Ruiz. & Pav.

1044. graminea, Vahl.

XYRIDACEÆ.

Xyris, Gronov.

1045. flexuosa, Muhl.
 var. pusilla, Gray.

JUNCACEÆ.

Juncus, Tourn.

- *1046. effusus, L.
 *1047. filiformis, L.
 —1048. Balticus, Dethard,
 var. littoralis, Eng.
 1049. ~~Stygius~~, L.
 1050. trifidus, L.
 1051. marginatus, Rostk.
 1052. Vaseyi, Engelm.
 1053. Greenii, Oakes & Tuck.
 *1054. tenuis, Willd.
 1054a. " var. secundus,
 Eng.
 —1055. Gerardi, Loisel.
 *1056. bufonius, L.
 *1057. pelocarpus, E. Meyer.
 1057a. " var. subtilis,
 Eng.
 *1058. articulatus, L.
 1059. alpinus, Villars,
 var. insignis, Fries.
 *1060. militaris, Bigelow.
 1061. acuminatus, Michx.

Juncus, Tourn.—Continued.

- 1061a. acuminatus,
 var. debilis, Engelm.
 1062. scirpoides, Lam.
 1063. nodosus, L.
 1064. Canadensis, J. Gay.
 1064a. Canadensis,
 var. longicaudatus,
 Engelm.
 *1064b. Canadensis,
 var. coarctatus, Engelm.

Luzula, DC.

- *1065. vernalis, DC.
 1066. spadicea, DC.
 var. melanocarpa, Meyer.
 *1067. campestris, DC.
 1068. arcuata, Meyer.
 1069. spicata, Desvaux.

TYPHACEÆ.

Typha, Tourn.

- *1070. latifolia, L.
 1071. angustifolia, L.

Sparganium, Tourn.

- *1072. eurycarpum, Eng.
 *1073. simplex, Hudson.
 *1073a. simplex,
 var. androcladum, Eng.
 1073b. simplex,
 var. angustifolium, Eng.
 1073c. simplex,
 var. fluitans, Eng.
 *1074. minimum, Fries.

ARACEÆ.

Arisæma, Martius.

- *1075. triphyllum, Torr.
 1076. Dracontium, Schott.

Peltandra, Raf.

1077. undulata, Raf.

Calla, L.

- *1078. palustris, L.

Symplocarpus, Salisb.

- *1079. fœtidus, Salisb.

Acorus, L.

- *1080. Calamus, L.

LEMNACEÆ.

ei **Spirodela**, Schläiden.

1081. polyrrhiza, Schl.

Lemna, L.

1082. trisulca, L.

1083. minor, L.

ALISMACEÆ.

Alisma, L.

*1084. Plantago, L.

Sagittaria, L.

*1085. variabilis, Engelm.

variabilis,

[var. obtusa.]

variabilis,

[var. latifolia.]

variabilis,

[var. angustifolia.]

variabilis,

[var. diversifolia.]

1085a. variabilis,

var. (?) gracilis, Eng.

1086. heterophylla, Pursh.

1086a. heterophylla,

var. angustifolia, Eng.

1087. graminea, Michx.

1088. calycina, Engelm.

NAIADACEÆ.

Triglochin, L.

1089. palustris, L.

—1090. maritima, L.

Scheuchzeria, L.

*1091. palustris, L.

Potamogeton, Tourn.

1092. natans, L.

1093. Oakesianus, Robbins.

*1094. Pennsylvanicus, Cham.

1095. Spirillus, Tuck.

*1096. hybridus, Michx.

1097. fluitans, Roth.

1098. amplifolius, Tuck.

1099. heterophyllus, Shreb.

1100. Zizii, Mert. & Koch.

1101. lucens, L.

1102. praelongus, Wulf.

1103. perfoliatus, L.

Potamogeton, Tourn.—*Continued.*

1103a. perfoliatus, L.,

var. lanceolatus, Robb.

1104. zosteræfolius, Schum.

1105. pauciflorus, Pursh.

1106. pusillus, L.

1107. mucronatus, Schrad.

1108. Tuckermani, Robbins.

1109. pectinatus, L.

1110. Robbinsii, Oakes.

Ruppia, L.

1111. maritima, L.

Zostera, L.

1112. marina, L.

Naias, L.

1113. flexilis, R. & S.

ERIOCAULEÆ.

Eriocaulon, L.

1114. septangulare, With.

CYPERACEÆ.

Cyperus, Tourn.

1115. flavescens, L.

*1116. diandrus, Torr.

1116a. diandrus,

var. castaneus, Torr.

1117. Nuttallii, Torr.

1118. filiculmis, Vahl.

*1119. dentatus, Torr.

1120. strigosus, L.

Dulichium, Pers.

*1121. spathaceum, Pers.

Eleocharis, R. Br.

*1122. ovata, R. Br.

1123. palustris, R. Br.

1123a. palustris,

var. glaucescens, Gray.

1123b. palustris,

var. vigens, Bailey.

*1124. tenuis, Schultes.

*1125. acicularis, R. Br.

1126. pygmæa, Torr.

Fimbristylis, Vahl.

1127. autumnalis, R. & S.

1128. capillaris, Gray.

Scirpus, Tourn.

- 1129. *cæspitosus*, L.
- 1130. *subterminalis*, Torr.
- *1131. *pungens*, Vahl.
- 1132. *Torreyi*, Olney.
- *1133. *lacustris*, L.
- 1134. *Smithii*, Gray.
- 1135. *maritimus*, L.
- 1136. *fluviatilis*, Gray.
- 1137. *sylvaticus*, L.
- *1137a. *sylvaticus*,
var. *digynus*, Boeck.
- *1138. *atrovirens*, Muhl.

Eriophorum, L.

- 1139. *cyperinum*, L.
- *1139a. *cyperinum*, L.
var. *laxum*, Gray.
- 1140. *alpinum*, L.
- *1141. *vaginatum*, L.
- *1142. *Virginicum*, L.
- 1142a. *Virginicum*,
var. *album*, Gray.
- *1143. *polystachyon*, L.
- *1143a. *polystachyon*,
var. *latifolium*, Gr.
- *1144. *gracile*, Koch.

Rhynchospora, Vahl.

- 1145. *fusca*, Roem. & Sch.
- *1146. *alba*, Vahl.
- 1147. *glomerata*, Vahl.

Cladium, P. Browne.

- 1148. *mariscoides*, Torr.

Carex, Ruppius.

- 1149. *pauciflora*, Lightf.
- 1150. *Michauxiana*, Boeckl.
- 1151. *folliculata*, L.
- *1152. *intumescens*, Rudge.
- *1153. *lupulina*, Muhl.
- *1153a. *lupulina*,
var. *pedunculata*, Dew.
- 1154. *oligosperma*, Michx.
- 1155. *miliaris*, Michx.
- 1155a. *miliaris*,
var. *major*, Bailey.
- 1155b. *miliaris*,
var. (?) *aurea*, Bailey.
- *1156. *utriculata*, Boott.
- *1156a. *utriculata*,
var. *minor*, Boott.

Carex, Ruppius.—*Continued.*

- *1157. *monile*, Tuck.
- 1158. *Tuckermani*, Dew.
- 1159. *bullata*, Schk.
- *1160. *retrorsa*, Schw.
- *1161. *lurida*, Wahl.
- 1162. *hystericina*, Muhl.
- 1163. *Pseudo-Cyperus*, L.
- 1163a. *Pseudo-Cyperus*,
var. *Americana*, Hoch.
- 1164. *scabrata*, Schw.
- 1165. *Houghtonii*, Torr.
- 1166. *filiformis*, L.
- *1166a. *filiformis*,
var. *latifolia*, Boeckl.
- 1167. *trichocarpa*, Muhl.
- 1168. *riparia*, W. Curtis.
- 1169. *fusca*, All.
- 1170. *rigida*, Good.,
var. *Goodenovii*, Bailey.
- 1170a. *rigida*,
var. *strictiformis*,
Bailey.
- 1170b. *rigida*,
var. *Bigelovii*, Tuck.
- *1171. *stricta*, Lam.
- 1171a. *stricta*,
var. *angustata*, Bailey.
- 1171b. *stricta*,
var. *decora*, Bailey.
- 1172. *aquatilis*, Wahl.
- 1172a. *aquatilis* × *stricta*,
Bailey.
- 1173. *lenticularis*, Michx.
- 1174. *torta*, Boott.
- 1175. *salina*, Wahl.,
var. *cuspidata*, Wahl.
- 1176. *prasina*, Wahl.
- 1177. *maritima*, O. F. M.
- *1178. *crinita*, Lam.
- 1178a. *crinita*,
var. *minor*, Boott.
- 1179. *Magellanica*, Lam.
- 1180. *rariflora*, Smith.
- 1181. *limosa*, L.
- 1182. *virescens*, Muhl.
- 1182a. *virescens*,
var. *costata*, Dew.
- 1183. *longirostris*, Torr.
- 1184. *capillaris*, L.

Carex, Ruppius.—*Continued.*

- *1185. *arctata*, Boott.
- *1186. *debilis*, Michx.
var. *Rudgei*, Bailey.
- *1187. *gracillima*, Schw. .
- 1187a. *gracillima*,
var. *humilis*, Bailey.
- 1188. *grisea*, Wahl.
- *1189. *flava*, L.
- 1189a. *flava*,
var. *graminis*, Bailey.
- 1189b. *flava*,
var. *viridula*, Bailey.
- 1190. *pallescens*, L.
- 1191. *conoidea*, Schk.
- *1192. *laxiflora*, Lam.
- *1192a. *laxiflora*,
var. *varians*, Bailey.
- 1192b. *laxiflora*,
var. *striatula*, Bailey.
- 1193. *digitalis*, Willd.
- 1194. *platyphylla*, Carey.
- 1195. *plantaginea*, Lam.
- 1196. *polymorpha*, Muhl.
- 1197. *panicea*, L.
- 1198. *aurea*, Nutt.
- 1199. *eburnea*, Boott.
- 1200. *pedunculata*, Muhl.
- 1201. *scirpoidea*, Michx.
- 1202. *deflexa*, Hornem.
- 1202a. *deflexa*,
var. *Deanei*, Bailey.
- 1203. *varia*, Muhl.
- 1204. *Novæ-Angliæ*, Schw.
- *1205. *Pennsylvanica*, Lam.
- *1206. *communis*, Bailey.
- 1206a. *communis*,
var. *Wheeleri*, Bailey.
- 1207. *umbellata*, Schk.
- 1207a. *umbellata*,
var. *vicina*, Dew.
- 1208. *pubescens*, Muhl.
- 1209. *Backii*, Boott.
- *1210. *polytrichoides*, Muhl. .
- 1211. *chordorrhiza*, Ehrh.
- *1212. *stipata*, Muhl.
- 1213. *teretiuscula*, Gooden.
- *1214. *vulpinoidea*, Michx.
- *1215. *tenella*, Schk.

Carex, Ruppius.—*Continued.*

- 1216. *rosea*, Schk.
- 1216a. *rosea*,
var. *radiata*, Dew.
- 1217. *cephalophora*, Muhl.
- 1218. *exilis*, Dew.
- 1219. *echinata*, Murray,
var. *cephalantha*,
Bailey.
- 1219a. *echinata*,
var. *conferta*, Bailey.
- *1219b. *echinata*,
var. *microstachys*,
Boeckl.
- 1219c. *echinata*,
var. *angustata*, Bailey.
- *1220. *canescens*, L.
- *1220a. *canescens*,
var. *vulgaris*, Bailey.
- 1220b. *canescens*,
var. *alpicola*, Wahl.
- 1220c. *canescens*,
var. *polystachya*, Boott.
- 1221. *Norvegica*, Willd.
- 1222. *tenuiflora*, Wahl.
- *1223. *trisperma*, Dew.
- *1224. *Deweyana*, Schw.
- *1225. *bromoides*, Schk.
- *1226. *tribuloides*, Wahl.
- 1226a. *tribuloides*,
var. *turbata*, Bailey.
- 1226b. *tribuloides*,
var. *reducta*, Bailey.
- 1226c. *tribuloides*,
var. *Bebbii*, Bailey.
- 1226d. *tribuloides*,
var. *cristata*, Bailey.
- *1227. *scoparia*, Schk.
- 1227a. *scoparia*,
var. *minor*, Boott.
- 1228. *adusta*, Boott.
- 1229. *fœnea*, Willd.
- 1229a. *fœnea*,
var. *perplexa*, Bailey.
- 1230. *silicea*, Olney.
- *1231. *straminea*, Willd.
- 1231a. *straminea*,
var. *mirabilis*, Tuck.

Carex, Ruppius.—*Continued.*

- *1231b. straminea,
var. brevior, Dew.
- 1231c. straminea,
var. aperta, Boott.
- 1231d. straminea,
var. invisā, W. Boott.
- 1231e. straminea,
var. alata, Bailey.
- 1231f. straminea,
var. cumulata, Bailey.
- 1231g. straminea,
var. fœnea, Torr.

GRAMINEÆ.

Spartina, Schreber.

- *1232. cynosuroides, Willd.
- 1233. polystachya, Willd.
- 1234. juncea, Willd.
- 1235. stricta, Roth.,
var. glabra, Gray.
- 1235a. stricta,
var. alternifolia, Gray.

Panicum, L.

- 1236. filiforme, L.
- *1237. *glabrum*, Gaud.
- 1238. *sanguinale*, L.
- 1239. proliferum, Lam.
- *1240. capillare, L.
- 1241. virgatum, L.
- 1242. xanthophysum, Gray.
- 1243. latifolium, L.
- 1244. clandestinum, L.
- 1245. scoparium, Lam.
- 1246. commutatum, Schultz.
- *1247. depauperatum, Muhl.
- *1248. dichotomum, L.
- 1248a. dichotomum,
var. commune, Gray.
- *1248b. dichotomum,
var. fasciculatum, Gray.
- 1248c. dichotomum,
var. gracile, Gray.
- 1249. laxiflorum, Lam.
- *1250. *Crus-Galli*, L.

Setaria, Beauv.

- *1251. *glauca*, Beauv.
- *1252. *viridis*, Beauv.
- *1253. *Italica*, Kunth.

Leersia, Swartz.

- 1254. *Virginica*, Willd.
- *1255. *oryzoides*, Swartz.

Zizania, Gronov.

- 1256. *aquatica*, L.

Andropogon, Royen.

- 1257. *furcatus*, Muhl.
- *1258. *scoparius*, Michx.

Phalaris, L.

- *1259. *Canariensis*, L.
- *1260. *arundinacea*, L.

Anthoxanthum, L.

- *1261. *odoratum*, L.

Hierochloe, Gmelin.

- 1262. *borealis*, R. & S.
- 1263. *alpina*, R. & S.

Aristida, L.

- 1264. *dichotoma*, Michx.
- 1265. *purpurascens*, Poir.

Stipa, L.

- 1266. "Richardsonii, Link,"
(of Gray's Man.)

Oryzopsis, Michx.

- *1267. *asperifolia*, Michx.
- 1268. *Canadensis*, Torr.

Muhlenbergia, Schreber.

- 1269. *glomerata*, Trin.
- *1270. *Mexicana*, Trin.
- 1271. *sylvatica*, Torr.
- 1272. *diffusa*, Schreber.

Brachyelytrum, Beauv.

- *1273. *aristatum*, Beauv.

Phleum, L.

- *1274. *pratense*, L.
- 1275. *alpinum*, L.

Alopecurus, L.

- *1276. *pratensis*, L.
- 1277. *geniculatus*, L.
- *1277a. " var. *aristulatus*,
Torr.

Sporobolus, R. Brown.

- 1278. *asper*, Kunth.
- 1279. *vaginæflorus*, Vasey.
- 1280. *cuspidatus*, Torr.
- *1281. *serotinus*, Gray.

Agrostis, L.*1282. *alba*, L.*1282a. " var. *vulgaris*,
Thurb.1282b. *alba*, var. *coarctata*,
Scribner.1283. *intermedia*, Scribner.1284. *perennans*, Tuck.*1285. *scabra*, Willd.1286. *canina*, L.1287. *rupestris*, All.**Cinna**, L.1288. *arundinacea*, L.1289. *pendula*, Trin.**Apera**, Adans.1290. *spica-venti*, Beauv.**Calamagrostis**, Adans.*1291. *Canadensis*, Beauv.1292. *Nuttalliana*, Steud.**Ammophila**, Host.—1293. *arundinacea*, Host.**Arrhenatherum**, Beauv.1294. *avenaceum*, Beauv.**Holcus**, L.*1295. *lanatus*, L.**Deschampsia**, Beauv.1296. *flexuosa*, Trin.1297. *caespitosa*, Beauv.**Trisetum**, Persoon.*1298. *subspicatum*, Beauv.
var. *molle*, Gray.**Avena**, Tourn.*1299. *striata*, Michx.1300. *sativa*, L.**Danthonia**, DC.1301. *spicata*, Beauv.1302. *compressa*, Austin.**Cynodon**, Richard.1303. *Dactylon*, Pers.**Phragmites**, Trin.1304. *communis*, Trin.**Eatonia**, Raf.1305. *obtusata*, Gray.1306. *Pennsylvanica*, Gray.**Eragrostis**, Beauv.1307. *major*, Host.**Distichlis**, Raf.1308. *maritima*, Raf.**Dactylis**, L.*1309. *glomerata*, L.**Poa**, L.*1310. *annua*, L.*1311. *compressa*, L.1312. *alpina*, L. (?)1313. *laxa*, Haenke.1314. *nemoralis*, L.1315. *serotina*, Ehrh.*1316. *pratensis*, L.1317. *trivialis*, L.1318. *debilis*, Torr.**Graphephorum**, Desv.1319. *melicoideum*, Desv.**Glyceria**, R. Brown.*1320. *Canadensis*, Trin.1320a. *Canadensis*,
var. *pauciflora*, Scribner.1321. *obtusata*, Trin.1322. *elongata*, Trin.*1323. *nervata*, Trin.1324. *pallida*, Trin.*1325. *grandis*, Watson.*1326. *fluitans*, R. Brown.1327. *acutiflora*, Torr.**Puccinellia**, Parl.1328. *maritima*, Parl.1328a. *maritima*,
var. (?) *minor*, Watson.1329. *distans*, Parl.**Festuca**, L.1330. *tenella*, Willd.1331. *ovina*, L.1331a. *ovina*,
var. *duriuscula*, Koch.*1332. *elatior*, L.*1332a. " var. *pratensis*,
Gray.1333. *gigantea*, Vill.**Bromus**, L.1334. *Kalmii*, Gray.*1335. *secalinus*, L.1336. *mollis*, L.*1337. *ciliatus*, L.*1337a. " var. *purgans*, Gr.1338. *asper*, L.

Lolium, L.

- *1339. *perenne*, L.

Agropyrum, Gaertn.

- *1340. *repens*, Beauv.
1341. *violaceum*, Lange.
1342. *caninum*, R. & S.

Hordeum, Tourn.

- 1343. *jubatum*, L.

Elymus, L.

- *1344. *Virginicus*, L.
1345. *Canadensis*, L.
1346. *striatus*, Willd.
1347. *mollis*, Trin.

Asprella, Willd.

- *1348. *Hystrix*, Willd.

PTERIDOPHYTA.

EQUISETACEÆ.

Equisetum, L.

- *1349. *arvense*, L.
1349a. *arvense*,
var. *campestre*, Milde.
*1350. *sylvaticum*, L.
1351. *palustre*, L.
1352. *littorale*, Kühlewein.
1353. *limosum*, L.
*1354. *hyemale*, L.
1355. *variegatum*, Schl.
1356. *scirpoides*, Michx.

FILICES.

Polypodium, L.

- *1357. *vulgare*, L.

Adiantum, L.

- *1358. *pedatum*, L.

Pteris, L.

- *1359. *aquilina*, L.

Woodwardia, Smith.

1360. *Virginica*, Smith.
1361. *angustifolia*, Smith.

Asplenium, L.

1362. *Trichomanes*, L.
1363. *ebeneum*, Ait.
1364. *Ruta-muraria*, L.
1365. *thelypteroides*, Michx.
*1366. *Filix-fœmina*, Bernh.

Camptosorus, Link.

1367. *rhizophyllus*, Link.

Phegopteris, Fée.

- *1368. *polypodioides*, Fée.
1369. *hexagonoptera*, Fée.
*1370. *Dryopteris*, Fée.

Aspidium, Swartz.

- *1371. *Thelypteris*, Swartz.
1372. *Noveboracensis*,
Swartz. e
1373. *fragrans*, Swartz.
1374. *spinulosum*, Swartz.
*1374a. *spinulosum*,
var. *intermedium*, D. C. E.
1374b. *spinulosum*,
var. *dilatatum*, Hook.
1375. *Boottii*, Tuck.
*1376. *cristatum*, Swartz.
1376a. *cristatum*,
var. *Clintonianum*,
D. C. E.
1377. *Goldianum*, Hook.
*1378. *marginale*, Swartz.
*1379. *acrostichoides*, Swartz.
1379a. *acrostichoides*,
var. *incisum*, D. C. E.
1380. *aculeatum*, Swartz.
var. *Braunii*, Koch.

Cystopteris, Bernhardt.1381. *bulbifera*, Bernh.1382. *fragilis*, Bernh.**Onoclea**, L.*1383. *sensibilis*, L.*1384. *Struthiopteris*, Hoffm.**Woodsia**, R. Brown.1385. *Ilvensis*, R. Brown.1386. *obtus*a, Torr.**Dicksonia**, L'Her.1387. *pilosiuscula*, Willd.**Osmunda**, L.*1388. *regalis*, L.*1389. *Claytoniana*, L.*1390. *cinnamomea*, L.1390a. *cinnamomea*,
var. *frondosa*, D. C. E.

OPHIOGLOSSACEÆ.

Botrychium, Swartz.1391. *Lunaria*, Swartz.1392. *simplex*, Hitchcock.1393. *lanceolatum*, Angstr.1394. *matricariæfolium*,
Braun.1395. *ternatum*, Swartz.1395a. *ternatum*,
var. *australe*, D. C. E.1395b. *ternatum*,
var. *intermedium*, D. C. E.1395c. *ternatum*,
var. *rutæfolium*, D. C. E.1395d. *ternatum*,
var. *obliquum*, D. C. E.1395e. *ternatum*,
var. *dissectum*, D. C. E.*1396. *Virginianum*, Swartz.**Ophioglossum**, L.1397. *vulgatum*, L.

LYCOPODIACEÆ.

Lycopodium, L.1398. *Selago*, L.*1399. *lucidulum*, Michx.1400. *inundatum*, L.1400a. *inundatum*,
var. *Bigelovii*, Tuck.*1401. *annotinum*, L.1401a. *annotinum*,
var. *pungens*, Spr.*1402. *obscurum*, L.*1402a. *obscurum*,
var. *dendroideum*,
D. C. E.*1403. *clavatum*, L.*1404. *complanatum*, L.*1404a. *complanatum*,
var. *chamæcyparissus*,
D. C. E.

SELAGINELLACEÆ.

Selaginella, Beauv.*1405. *rupestris*, Spring.1406. *apus*, Spring.**Isoetes**, L.1407. *lacustris*, L.1408. *echinospora*, Durieu,
var. *Braunii*, Eng.1409. *riparia*, Engelm.1410. *Engelmanni*, Braun.

NOTE.—The Portland Catalogue of 1868, enumerated 1107 species and varieties; the present catalogue shows an increase of over 450.

ERRATA.

On page 45, No. 73a, insert *var.* before *hispidum*.

On page 50, No. 339a, read *ambiguum* instead of "*ambignum*".

On page 50, No. 352, read *angustifolium* instead of "*augustifolium*".

On page 54, No. 520, read *angustifolia*, instead of "*augustifolia*".

On page 54, No. 543, read *Huronense* instead of "*Huronese*".