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PLANTS OF MONROE COUNTY, NEW YORK, AND ADJACENT TERRITORY.

SUPPLEMENTARY LIST.

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EXPLANATION.

In 1896, after years of earnest labor, the Botanical Section of the Rochester Academy of Science published a list of the "Plants of Monroe County, New York, and Adjacent Territory."

The list aimed to give the names of plants growing without cultivation in Monroe and adjoining counties, and at the time it was published it was thought to be quite complete for Monroe county, though it was not claimed to be so for the adjacent ones.

The publication of that list, however, stimulated the botanists of this region to renewed efforts, with the result that so large a number of new plants was found and so many new stations for some which had been considered scarce or rare, that the publication of a supplementary list was shown to be necessary. A Committee of the Botanical Section, as named above, was appointed to prepare a new list.

From the records of the Section, the Committee has prepared the following list. Specimens of the plants named are contained in the

herbarium of the Academy, or in the collections of the members of the Botanical Section and of the Park Commission of Rochester, unless otherwise noted.

TERRITORY INCLUDED.

The territory included covers the same area as the list of 1896, comprising the whole of Monroe county and parts of Genesee, Orleans, Ontario, Wayne and Livingston counties. A few plants which our botanists have found in Allegany and Wyoming counties have been included in this list, as these counties lie in the drainage basin of the Genesee river, and also because it seemed desirable that a record should be made of them.

ACKNOWLEDGMENTS.

The thanks of the Committee are especially due to Mr. J. B. Fuller for much painstaking work in the determination of specimens and on the herbarium; to Mrs. J. H. McGuire, whose faithful and conscientious labor as Recorder of the Botanical Section for many years was of great service; and to all the members of the Section whose zeal and enthusiasm have added new plants to the list and given encouragement to the Committee.

It is with regret that the Committee announces the deaths of two botanists who had done much for botanical research in our county: Dr. Charles M. Booth and Mr. Charles W. Seelye.* Dr. Booth was a most enthusiastic collector, and in the fall of 1896 added largely to the number of plants named in the following list, especially the newly introduced ones along our railroads. For many years he had been greatly interested in Mosses and the Carices, and his large collections of these plants have been given to the Academy of Science. Mr. Seelye, who was especially interested in Ferns, some years ago presented his extensive collection to the Academy, together with valuable publications pertaining to them. (*See Vol. 3, p. 186*).

*Since this paper was completed and in the hands of the printer, two more of our botanists have passed away: Mr. Joseph B. Fuller, of Rochester, and Mr. E. L. Hankenson, of Newark, N. Y.

Mr. Fuller's death occurred on February 16, 1910, at the age of 82. For many years he was Curator in Botany of the Academy and the leading authority in the Botanical Section. Mr. Hankenson was a well-known botanist of Wayne county and contributed many specimens from that locality to the herbarium of our Academy. It is proposed to publish biographical sketches of Mr. Fuller, Dr. Booth, Mr. Seelye, Mrs. Mary E. Streeter and Mr. Hankenson in a later brochure of these Proceedings.

INTRODUCTION OF SPECIES.

As our territory is traversed by a number of railroads, new plants are constantly being introduced. Many of these new introductions are from the West.

At the time of the publication of the original list of plants, in the summer of 1896, the Russian Thistle (*Salsola Kali tenuifolia*) had not been found in this vicinity. Its arrival, however, was confidently expected, and a close watch was kept, with the result that it was soon observed by Dr. Booth along the tracks of the New York Central railroad. Now it has spread to many parts of the county. The rapidity with which it increases and takes possession of the land was particularly noted last summer. A short branch of the Pennsylvania railroad was built about two years ago from Scottsville to Garbutt, through a section where the Russian Thistle was absolutely unknown. Now the roadbed is thickly lined with this immigrant from western fields.

A number of plants which were noted as rare or scarce in the list of 1896, are now abundant in many localities. Among these may be mentioned the following :

Nasturtium sylvestre is plentiful along the flood plain of the Genesee river for many miles south of Rochester ; *Trifolium procumbens* is now frequently found ; *Potentilla recta* has so increased as to be very plentiful along roadsides, particularly in the southern part of Monroe county ; *Hieracium aurantiacum* is now a pernicious weed in many places ; *Sonchus arvensis* has spread over a large territory, and is constantly being reported in new localities ; *Lysimachia nummularia* is plentiful in lawns in Rochester and vicinity, and along Oatka creek, in Scottsville, is growing like a weed, in company with *Myosotis palustris* ; *Vincetoxicum nigrum* has spread rapidly in the southern part of Rochester, and has been reported in other parts of the county ; *Chenopodium Botrys* is frequently found along the New York Central railroad in Rochester and in adjoining towns. A few specimens of *Sisymbrium altissimum* were first found in Rochester about two years ago ; now the plant is growing plentifully in many parts of the city and adjacent towns.

RECENTLY DESCRIBED SPECIES.

Although it had been noticed by our botanists that many of the specimens of *Crataegus* found in and around Rochester did not

answer to any species described in the botanies, there was apparently no way in which they could be disposed of except to consider them as variations from the types, and in our former list of plants only six species were given. These were all that could be expected to be found in our locality, according to the Sixth Edition of Gray's Botany.

In 1899, Mr. John Dunbar called the attention of Dr. Charles S. Sargent, of the Arnold Arboretum, to this subject, with the result that Dr. Sargent, assisted by a number of our botanists, began a careful and systematic study of the thorns of this vicinity. Hundreds of specimens of flowers and fruit have been collected and forwarded to Dr. Sargent for examination, and he has made numerous visits to Rochester to examine types. Seeds of more than two hundred specimens have also been collected and sent to Dr. Sargent; these have been planted and are now growing on the grounds of the Arnold Arboretum.

This study of the *Crataegus* has been carried on unremittingly since 1899, with the result that seventy-nine species found growing within our limits have been named by Dr. Sargent. These will be found on pages 12-17 of this list.

Mr. C. C. Laney, Mr. John Dunbar, Mr. M. S. Baxter, Mr. V. Dewing, Mr. Henry T. Brown and Mr. Bernard Slavin have been enthusiastic workers in this field, and to their untiring labors, supplementing that of Dr. Sargent, is due the large number of new species which have been found and named. Dr. Sargent notes that the lower valley of the Genesee is remarkably rich in species of *Crataegus*, and as the work is still being carried on, it is probable that further additions may be made to the list.

We are aware that a few botanical authorities doubt the validity of some of these numerous species, regarding them as mere varieties. But as they have been most carefully studied and named by the very best authority on the genus; have been repeatedly grown from seed and remain constant to type and seem true species according to all recognized tests; and their validity having been recognized by a majority of the eminent botanists of America, we have no hesitation in giving all of those which have been found growing within our limits their proper place in our list.

Descriptions of these new species, or reference to the original publication, down to 1907, may, with few exceptions, be found either

in the Proceedings of the Rochester Academy of Science, Vol. 4, pp. 93-136, June, 1903, or the Report of the New York State Botanist for 1907 (New York State Museum Bulletin 122).

The species described since 1907, and those not referred to in the above publications, are properly credited in the list, being numbers 1422, 1433, 1434, 1456, 1457, 1480. The majority of the new species are also described in the *Silva of North America XIII*, or in *Trees and Shrubs*, by Dr. Sargent.

The *Violas* given in the list have been submitted to Ezra Brainerd, of Middlebury, Vt., and the different species of *Rubus* have all been examined by William H. Blanchard, of Westminster, Vt., who has visited Rochester for this purpose.

The hybrid Ferns have been determined by Dr. Philip Dowell, of Port Richmond, N. Y., who has made a careful study of these intermediate forms, and has published the results of his investigations in the *Bulletin of the Torrey Botanical Club* and in *Torreya*. Specimens of these Ferns may be found in the herbaria of the Academy of Science, and growing plants can be collected at the stations noted.

The growth of our city is rapidly crowding out many native plants, but owing to the wisdom and foresight of our Superintendent of Parks, Mr. C. C. Laney, these large enclosures of hundreds of acres have been left, as far as possible, in their natural state, and thus many plants have had their habitat preserved, and are to be found flourishing under the most favorable conditions. This is particularly true of the newly classified genera *Viola* and *Rubus*, and many of the type specimens of *Crataegus* are found within the limits of our city parks.

STATISTICS.

There have been added to our list since 1896, the following :

Species and varieties native to the Monroe Flora,	149
Species and varieties introduced to the Monroe Flora,	76
	<hr/>
Total number of species and varieties,	225
Introduced species and varieties in Monroe County,	70
Introduced species and varieties in other counties,	6

New localities are given for 96 species and varieties noted as rare or scarce in the list of 1896.

In the original list of plants 1208 species and varieties were reported in Monroe county. In the other counties represented in the list 106 species were reported which, up to that time, had not been reported in Monroe county. Of these 106 species, 11 are now reported as growing in Monroe county.

The total number of species and varieties reported in the Monroe Co. Flora, including the list of 1896 and the present one, is 1584. Total number for Monroe county, 1387.

THE CATALOGUE.

EXPLANATION OF THE PLAN.

Authorities.—In arrangement and nomenclature this list follows the plan of the list published in 1896, using as its standard of authority the sixth edition of Gray's Manual of Botany. For new species not mentioned in the sixth edition, the seventh edition of Gray's Botany is followed except for the Crataegus, in which Dr. Charles S. Sargent, Director of the Arnold Arboretum is accepted as authority.

Typography and Reference Marks.—Each species, variety or marked form regarded as an established member of our flora is given a catalogue number. Those without numbers are not considered fully established.

Heavy-faced type indicates species believed to be indigenous. Names of introduced species are printed in capitals, as are, also, the common or popular names.

Parentheses following catalogue names enclose the names used in Gray's fifth edition.

Brackets indicate that the enclosed matter is the designation given in the Illustrated Flora of the Northern States and Canada by Britton and Brown.

The name of the discoverer of a plant new to our district, or of a new station for a rare or scarce plant, is given in italics.

In the present list, the genera are given the same number and follow the same order as in the old list. New genera are inserted in their proper order and, to prevent confusion, are lettered, as 34a, etc.

The list of 1896 closed with the number 1359. All numbers beyond that in this supplementary list denote new species and varieties. Where new stations are given for rare or scarce plants, the number given in the original list is retained.

PHÆNOGAMIA [SPERMATOPHYTA.]

DICOTYLEDONES.

RANUNCULACEÆ.

6. *RANUNCULUS* Tourm. [L.] CROWFOOT. BUTTERCUP.22. *R. repens* L. TRAILING CROWFOOT.Frequent in lawns in Rochester. Scottsville, *Florence Beckwith*.A double-flowered form found by *F. W. Ross* at the eastern wide-waters, Rochester, N. Y., May 24, 1897.1360. *R. bulbosus* L. BULBOUS CROWFOOT OR BUTTERCUP.Rare. Sibley Place, Rochester, 1905 to 1909; East Avenue, Meigs Street and University Campus, 1909. *Lewis S. Gannett*.13. *HYDRASTIS* Ellis.33. *H. Canadensis* L. ORANGE-ROOT. GOLDEN SEAL.Riga, *Florence Beckwith*.

BERBERIDACEÆ.

20. *JEFFERSONIA* Barton. TWIN-LEAF.40. *J. diphylla* Pers. [*J. diphylla* (L.) Pers.]Avon, *C. Vollertsen*. Geneseo, *M. S. Baxter*.

CRUCIFERÆ.

34. *ARABIS* L. ROCK CRESS.67. *A. perfoliata* Lam.Greece, *Mary E. Macauley*.1361. *A. confinis* Watson.Limestone region of Le Roy. *E. J. Hill*.34a. *DRABA* Dill. [L.]1362. *D. verna* L. WHITLOW GRASS.Occasional in sandy waste places about Rochester. *C. Vollertsen*.37. *NASTURTIUM* R. Br. [Roripa Scop.] WATER CRESS.73. *N. palustre* DC. var. *hispidum* Gray. [*Roripa hispida* (Desv.) Britton.]Brighton, *C. Vollertsen*.39. *HESPERIS* Tourm. [L.]78. *H. matronalis* L. DAME'S VIOLET.Near Caledonia, 1903; near Mumford, 1909, *Miss Beckwith*.40. *ERYSIMUM* Tourm. [L.]79. *E. cheiranthoides* L. WORM-SEED MUSTARD.

To stations given in list of 1896 add localities: Greece, Perinton, Pittsford.

41. *SISYMBRIUM* Tourn. [L.]

- 1363.
- S. SOPHIA*
- L. FLIXWEED. HERB SOPHIA.

Reservoir Avenue, Rochester, 1909. *Florence Beckwith*. Specimen in herbarium of State Botanist.

- 1364.
- S. ALTISSIMUM*
- L. TUMBLE MUSTARD.

Along N. Y. C. R. R., Brighton, *M. S. Baxter* and *V. Dewing*. South Goodman Street, *C. Vollertsen*. Speedway, Culver Street, and near Irondequoit creek, University Avenue dugway, *Florence Beckwith*. Webster, *Lewis S. Gannett*.

- 81.
- S. THALIANA*
- Gaud. [
- Stenophragma Thaliana*
- (L.) Celak.] MOUSE-EAR CRESS.

Rochester Junction, 1897, *M. S. Baxter*. Eastern wide-waters, *C. Vollertsen*.

42. *BRASSICA* Tourn. [L.]

- 82.
- B. SINAPISTRUM*
- Boiss. YELLOW MUSTARD. ENGLISH CHARLOCK.

A smooth form, Scottsville, *Florence Beckwith*.

42a. *TEESDALIA* R. Br.

- 1365.
- T. NUDICAULIS*
- R. Br.

Vacant lot near East Avenue, Rochester, 1898, *C. Vollertsen*.

42b. *CONRINGIA* [Heist.] Link. HARE'S-EAR MUSTARD.

- 1366.
- C. ORIENTALIS*
- (L.) Dumort.

Railroad weed. *M. S. Baxter* and *V. Dewing*.

45. *LEPIDIUM* Tourn. [L.]

- 1367.
- L. SATIVUM*
- L. GARDEN CRESS.

Occasional in waste places.

VIOLACEÆ.

50. *VIOLA* Tourn. [L.] VIOLET.

- 1368.
- V. affinis*
- Le Conte.

Common in Seneca Park, Rochester.

- 1369.
- V. papilionacea*
- Pursh.

Common around Rochester.

- 1370.
- V. sororia*
- Willd.

Seneca Park, Rochester, 1908, *B. H. Slavin*. Riga, 1907, *Miss Florence Beckwith*.

A white form of *V. sororia* was also found by *Miss Beckwith* growing abundantly by the roadside in the same locality as the type.

- 1371.
- V. fimbriatula*
- Sm. (
- V. ovata*
- Nutt.)

Common in Seneca Park.

- 1372.
- V. pallens*
- (Banks) Brainerd.

Irondequoit, *B. H. Slavin*.

1373. **V. incognita** Brainerd.
Seneca Park and Irondequoit.
1374. **V. scabriuscula** Schwein.
Seneca Park and Irondequoit.
105. **V. striata** Ait. PALE VIOLET.
Damp woods near West Rush ; local, *M. S. Baxter*. Scottsville, 1909,
Florence Beckwith.
1375. **V. conspersa** Reichenb.
Common in Seneca Park.
1376. **V. Labradorica** Schrank.
Common in Seneca Park.
108. **V. TRICOLOR** L. var. **ARVENSIS** Ging. [*V. tenella* Muhl.]
Near Despatch, *Miss Beckwith*. Back of Mount Hope, *C. Vollertsen*.

CARYOPHYLLACEÆ.

54. **SILENE** L. CATCHFLY. CAMPION.

113. **S. CUCUBALUS** Wibel. (*S. inflata* Smith.) [*S. vulgaris* (Moench) Garcke.]
BLADDER CAMPION.
Canandaigua, *Mrs. E. O. Cartwright*.

1377. **S. DICHOTOMA** Ehrh. FORKED CATCHFLY.
Rare. Canandaigua, *Mrs. E. O. Cartwright*, July, 1899.

55. **LYCHNIS** TOURN.

1378. **L. VESPERTINA** Sibth. WHITE CAMPION.
Staminate flower, roadside, Parsells Avenue, Rochester, August 14,
1899, *Dr. C. M. Booth*.

56. **ARENARIA** L. SANDWORT.

121. **A. Michauxii** Hook. f. (*A. stricta* Michx.) [*A. stricta* Michx.]
Fairport, *A. J. Perkins*.

57. **STELLARIA** L. [*Alsine* L.] CHICKWEED. STARWORT.

1379. **S. uliginosa** Murr. SWAMP STITCHWORT.
Scarce. Roadsides. *Dr. C. M. Booth*.

59. **BUDA** Adans.

129. **B. RUBRA** Dumort. (*Spergularia rubra* Presl. var. *campestris* Gray.)
[*Tissa rubra* (L.) Britton.] SAND-SPURREY.
A weed in cultivated grounds, Greece, *Miss M. E. Macauley*.

60. **SPERGULA** L.

130. **S. ARVENSIS** L. CORN SPURREY.
Rochester, *C. Vollertsen*.

1380. **S. MORISONII** Boreau.
Fields, Rochester, *C. Vollertsen*, 1897.

HYPERICACEÆ.

63. *HYPERICUM* Tourn. [L.]

134. **H. Ascyron** L. (*H. pyramidatum* Ait.) GREAT ST. JOHN'S-WORT.
Near Le Roy. *M. S. Baxter.*

TILIACEÆ.

68. *TILIA* Tourn. [L.] LINDEN. BASSWOOD.

1381. **T. Michauxii** Nutt. (Gray's Bot. 7th ed.)
Common around Rochester, *John Dunbar.*

GERANIACEÆ.

70. *GERANIUM* Tourn. [L.]

1382. **G. COLUMBINUM** L. LONG-STALKED CRANESBILL.
Rare. Pinnacle Hill, Rochester, *Mary E. Macauley.*

70a. *ERODIUM* L. Her. STORKSBILL.

1383. **E. CICUTARIUM** L. [*E. cicutarium* (L.) L'Her.]
Roadside, East Rochester, *Dr. C. M. Booth*, 1896. Reservoir Ave.,
1909, *Florence Beckwith.*

72. *OXALIS* L.

1384. **O. Acetosella** L. WOOD-SORREL.
Rare. Stony Brook Glen, near Dansville, *Florence Beckwith*, *M. S. Baxter.*

CELASTRACEÆ.

80. *EUONYMUS* Tourn. [L.]

167. **E. atropurpureus** Jacq. BURNING BUSH. WAAHOO.
Near Geneseo, *M. S. Baxter.*

ANACARDIACEÆ.

88. *RHUS* L. SUMACH.

189. **R. Canadensis** Marsh. (*R. aromatica* Ait.) [*R. aromatica* Ait.]
Near Geneseo, *M. S. Baxter.*

POLYGALACEÆ.

89. *POLYGALA* Tourn. [L.]

191. **P. polygama** Walt.
This species, given as rare in 1896, is now represented by numerous
plants covering a large area of the Despatch sand fields.

LEGUMINOSÆ.

91. *LUPINUS* Tourn. [L.]

198. **L. perennis** L. WILD LUPINE.
A form with white flowers observed by *Mrs. H. G. Pierce*, at Forest
Lawn, 1904.

92a. *ONONIS* L.

1385. *O. ARVENSIS* L. (*O. repens* L. *O. procurrens* Wallr.)
Old apple orchard, Dr. C. M. Booth.

94a. *HOSACKIA* Douglas.

1386. *H. PURSHIANA* Benth.
On railroad track, Pittsford, 1896, J. B. Fuller.

100. *CORONILLA* L.

218. *C. VARIA* L.
Buffalo Road, Gates, George Arnold, 1908.

101. *DESMODIUM* Desv. [*MEIBOMIA* Adans.] TICK-TREFOIL.

229. *D. ciliare* DC. [*Meibomia obtusa* (Muhl.) A. M. Vail.]
East side of Irondequoit Bay, Webster, M. S. Baxler.

103. *VICIA* Tourn. [L.] VETCH.

1387. *V. SATIVA* var. *ANGUSTIFOLIA* Seringe.
Dr. Booth's orchard, Irondequoit, Dr. C. M. Booth, J. B. Fuller.

1388. *V. HIRSUTA* Koch. [*V. hirsuta* (L.) Koch.]
East Main Street, Rochester, between Union and Alexander Streets,
Dr. C. M. Booth. Has been established there several years.

104. *LATHYRUS* Tourn. [L.] EVERLASTING PEA.

1389. *L. PRATENSIS* L.
Linden Street, Rochester, V. Dewing.

106. *STROPHOSTYLES* Ell.

245. *S. angulosa* Ell. (*Phaseolus diversifolius* Pers.) [*S. helvola* (L.) Britton.]
Shore of Lake Ontario, east of Troutburg, Florence Beckwith.

ROSACEÆ.

110. *PRUNUS* Tourn. [L.]

1390. *P. MAHALEB* L. PERFUMED CHERRY.
Abundant along roadsides and in thickets around Rochester.

111. *SPIRÆA* L. MEADOW-SWEET.

1391. *S. SORBIFOLIA* L.
Naturalized and spreading in a field on Lincoln road, Penfield, John
Dunbar.

113. *RUBUS* Tourn. [L.]

1392. *R. idaeus* L.
Naturalized around Rochester.

1393. *R. neglectus* Peck.
Three stations in Brighton, Dr. C. M. Booth. Seneca Park, Ironde-
quoit. Fruit cream-colored.

1394. *R. occidentalis* L. var. *pallidus* Bailey.
Seneca Park, Rochester.

1395. **R. recurvans** Blanchard.
Common around Rochester.
1396. **R. Andrewsianus** Blanchard.
Common around Rochester.
1397. **R. villosus** Ait. var. *humifusus* Torr & Gray.
Seneca Park, Rochester. Wayne county, *A. H. Perkins*.
1398. **R. invisus** Britton.
Durand Park.
117. *FRAGARIA* Tourn. [L.] STRAWBERRY.
1399. **F. vesca** L. var. *alba* Ehrh.
Frequent in and around Rochester.
118. *POTENTILLA* L. CINQUE-FOIL.
1400. **P. arguta** Pursh.
Limestone region of Le Roy, *E. J. Hill*.
119. *AGRIMONIA* Tourn. [L.]
1401. **A. parviflora** Ait.
Rush, *Earl H. Clapp. J. B. Fuller*.
121. *ROSA* Tourn. [L.]
291. **R. blanda** Ait.
Rush Junction, Monroe County, Buttermilk Falls, near Le Roy, and shores of Canandaigua Lake, *M. S. Baxter*.
122. *PYRUS* L.
300. **P. arbutifolia** L. f. var. *melanocarpa* Hook. [*Aronia nigra* (Willd) Britton.]
Parma, *M. S. Baxter*. Despatch, *Mrs. E. M. Young*. Riga, *Miss Beckwith*. Probably more common than the type.
1402. **P. arbutifolia** var. *atropurpurea* (Britton) Robinson.
Mendon Ponds, *B. H. Slavin*. Local.
123. *CRATAEGUS* L. HAWTHORN. WHITE THORN.
1403. **C. persimilis** Sargent.
Type on Highland Avenue, Rochester. Also found at Black creek, and on East Avenue.
1404. **C. crus-galli** var. *pyracanthifolia* Aiton.
Rochester, *M. S. Baxter* and *V. Dewing*.
1405. **C. geneseensis** Sargent.
Rochester, *John Dunbar*. Tuscarora, Livingston County, *M. S. Baxter* and *V. Dewing*.
1406. **C. beata** Sargent.
Type near Pennsylvania R. R. roundhouse. Common. Also occurs in Ontario, Allegany and Erie counties.

1407. **C. Lennoniana** Sargent.
Type in Seneca Park, Rochester. Frequent.
1408. **C. leiophylla** Sargent.
Type in Maplewood Park. Frequent. Also occurs in Livingston and Allegany counties.
1409. **C. formosa** Sargent.
Type in Ritters Hollow, Rochester. Frequent.
1410. **C. compta** Sargent.
Type near Driving Park Avenue bridge, Rochester. Common.
1411. **C. diffusa** Sargent.
Type near Driving Park Avenue bridge. Frequent.
1412. **C. opulens** Sargent.
Type in Ritter's Hollow. Scarce. Also occurs in Allegany county.
1413. **C. Maineana** Sargent.
Type in Maplewood Park. Occasional. Also found in Allegany county.
1414. **C. pruinosa** K. Koch.
Belfast, Allegany county, and Canandaigua, *M. S. Baxter* and *V. Dewing*.
1415. **C. arcana** Beadle.
Canandaigua, *B. H. Slavin*.
1416. **C. cognata** Sargent.
Near Hemlock Lake, Livingston county, *Henry T. Brown*.
1417. **C. plana** Sargent.
Near Hemlock Lake, *Henry T. Brown*.
1418. **C. Barryana** Sargent.
Rochester, *John Dunbar*.
1419. **C. inusitula** Sargent.
Chapinville Ontario county, *John Dunbar, M. S. Baxter*.
1420. **C. livingstoniana** Sargent.
Roadside, near east bank of Hemlock Lake, *Henry T. Brown*.
1421. **C. macera** Sargent.
In dense thickets near east bank of Hemlock Lake, *Henry T. Brown*.
1422. **C. longipedunculata** Sargent. (Described Ont. Nat. Sci. Bull. Nos. 41, 26, 1908) Canandaigua, Mrs. E. C. Webster.
1423. **C. foetida** Ashe (*C. Baxteri* Sargent, Proc. Roch. Acad. Sci. IV., p. 107.)
Occurs in Western New York, New England and in eastern Pennsylvania, whence it was described earlier than from Rochester.

1424. **C. verecunda** Sargent.
Type in Seneca Park. Infrequent.
1425. **C. barbara** Sargent.
Brighton, near Rochester, *B. H. Slavin*.
1426. **C. Dewingii** Sargent.
Open thickets, Belfast, *Vincent Dewing* and *M. S. Baxter*.
1427. **C. Crocata** Ashe.
Genesee Valley Park, *John Dunbar*.
1428. **C. Fulleriana** Sargent.
Type east of Genesee river. Occasional.
1429. **C. Ellwangeriana** Sargent.
Type in Ellwanger & Barry's nursery. Common. Also found in Livingston, Allegany, Wyoming and Ontario counties.
1430. **C. Pringlei** Sargent.
Occasional. Also occurs in Livingston and Allegany counties.
1431. **C. spissiflora** Sargent.
Type in Genesee Valley Park, Rochester. Occasional.
1432. **C. radians** Sargent.
Knickerbocker woods, Rochester, *M. S. Baxter* and *V. Dewing*.
1433. **C. Champlainensis** Sargent. (Described in *Rhodora* III, 20, 1901.)
Canandaigua, *B. H. Slavin*.
1434. **C. submollis** Sargent. (Described, *Bot. Gaz.* XXXI, 7, 1901.)
Canandaigua, *B. H. Slavin*.
1435. **C. Durobrivensis** Sargent. ROCHESTER THORN.
Type in Maplewood Park. Common. Also found in Allegany and Ontario counties.
1436. **C. Holmesiana** Ashe.
Common. Also found in upper Genesee valley.
1437. **C. acclivis** Sargent.
Type in Maplewood Park, Rochester. Common. Also found at Niagara Falls.
1438. **C. pedicellata** Sargent.
Type in Genesee Valley Park. Common. Also found in Wyoming county.
1439. **C. parviflora** Sargent.
Type in Seneca Park. Common.
1440. **C. Streeterae** Sargent.
Type along Oak Hill, Rochester. Occasional. Also found at Belfast, Allegany county.

1441. **C. glaucophylla** Sargent.
Common.
1442. **C. ornata** Sargent.
Type along Oak Hill. Occasional.
1443. **C. rubicunda** Sargent.
Type along Oak Hill. Infrequent.
1444. **C. tenuiloba** Sargent.
Type in Genesee Valley Park. Also found in Allegany county.
1445. **C. colorata** Sargent.
Type near Driving Park Avenue bridge, Rochester. Also found in Erie, Ontario, Wyoming and Allegany counties, and at Toronto, Ont.
1446. **C. Beckwithae** Sargent.
Type on west side of Genesee river, above Elmwood Avenue, Rochester. Scarce.
1447. **C. matura** Sargent.
Common. Also found in Ontario, Erie, Allegany, Livingston and Orleans counties.
1448. **C. Dunbari** Sargent.
Type in Ritter's Hollow. Frequent. Also found in Orleans and Erie counties.
1449. **C. benigna** Sargent.
Type in Genesee Valley Park. Frequent.
1450. **C. Slavini** Sargent.
Brighton, near Rochester, *B. H. Slavin*.
1451. **C. Boothiana** Sargent.
Wooded banks, near Rochester, *John Dunbar*. Murray, Orleans county, *M. S. Baxter*. Fillmore, Allegany county, *M. S. Baxter* and *V. Dewing*.
1452. **C. leptopoda** Sargent.
East bank of Hemlock Lake, *Henry T. Brown*.
1453. **C. gracilipes** Sargent.
Thickets near eastern bank of Hemlock Lake, *Henry T. Brown*.
1454. **C. genialis** Sargent,
Belfast, Allegany county, *M. S. Baxter* and *V. Dewing*.
1455. **C. bella** Sargent.
Belfast, *M. S. Baxter* and *V. Dewing*, Canandaigua, *B.H. Slavin*.
1456. **C. stolonifera** Sargent. (Described in Proc. Acad. Nat. Sci. Phila., 1903.) Tuscarora, *M. S. Baxter* and *V. Dewing*.
1457. **C. demissa** Sargent. (Described in Rhodora, May, 1903.) Tuscarora, *M. S. Baxter* and *V. Dewing*.

1458. **C. cupulifera** Sargent.
Type east side of river, Genesee Valley Park. Common.
1459. **C. Macauleyae** Sargent.
Type in Genesee Valley Park. Occasional. Also found in Ontario county.
1460. **C. puberis** Sargent.
Near Belfast, *M. S. Baxter* and *V. Dewing*.
1461. **C. neo Baxteri** Sargent.
Near Tuscarora, Livingston county, *M. S. Baxter* and *V. Dewing*.
1462. **C. Harryi** Sargent.
Richmond, Ontario county, *Henry T. Brown*.
1463. **C. Dodgei** Ashe.
Tuscarora, Livingston county, and Canandaigua, *M. S. Baxter* and *V. Dewing*.
1464. **C. succulenta** Link.
Common. Also found in Allegany and Erie counties.
1465. **C. gemmosa** Sargent.
Type in Genesee Valley Park. Rare.
1466. **C. Deweyana** Sargent.
Type in Hagaman swamp, near Rochester. *John Dunbar*. Occasional.
1467. **C. macracantha** Koehne.
Occasional.
1468. **C. ferentaria** Sargent.
Type in Genesee Valley Park. Common. Also found in Livingston and Allegany counties.
1469. **C. Laneyi** Sargent.
Type in Genesee Valley Park. Scarce.
1470. **C. structilis** Ashe.
Seneca Park, Rochester, *B. H. Slavin*.
1471. **C. finitima** Sargent.
Canandaigua, *B. H. Slavin*.
1472. **C. Calvini** Sargent.
Near Canandaigua, Ontario county, *C. C. Laney*, *M. S. Baxter*.
1473. **C. efferata** Sargent.
Near Hemlock railroad station, Livingston county, *H. T. Brown*.
1474. **C. honeoyensis** Sargent.
Roadside west of Honeoye Lake, Ontario county, *H. T. Brown*.
1475. **C. limosa** Sargent.
Hagaman's swamp, near Rochester, *John Dunbar*.

1476. **C. Letchworthiana** Sargent.
Meadows near Portage, *M. S. Baxter* and *V. Dewing*.
1477. **C. gloriosa** Sargent.
Near border of woods, Rochester, *John Dunbar*. Knickerbocker woods, Rochester, *M. S. Baxter* and *V. Dewing*.
1478. **C. simulans** Sargent.
Near road east side of Hemlock Lake, *H. T. Brown*.
1479. **C. scabrida** Sargent.
Belfast, Allegany county, *M. S. Baxter* and *V. Dewing*.
1480. **C. confinis** Sargent. (Described in Ont. Nat. Sci. Bull., 1908.)
Tuscarora, *M. S. Baxter* and *V. Dewing*.
1481. **C. MONOGYNA** Jacquin.
Cultivated species from Europe, sparingly naturalized throughout Monroe county.

SAXIFRAGACEÆ.

125. *SAXIFRAGA* L.

313. **S. Pennsylvanica** L. SWAMP SAXIFRAGE.
Mendon Ponds.

129a. *PHILADELPHUS* L. MOCK ORANGE. SYRINGA.

1482. **P. CORONARIUS** L.
Occasionally escaped from cultivation on the Pinnacle Hills, *John Dunbar*.

130. *RIBES* L.

320. **R. rotundifolium** Michx.
Occasional around Rochester, *John Dunbar*.

ONAGRACEÆ.

141. *EPILOBIUM* L. WILLOW-HERB.

1483. **E. adenocaulon** Haussk.
Frequent around Rochester, *M. S. Baxter*.

142. *ENOTHERA* L. EVENING PRIMROSE.

1484. **O. SINUATA** L.
Railroad yard, eastern part of Rochester, *Dr. C. M. Booth*, 1896.
349. **O. pumila** L. [*Kneiffia pumila* (L.) Spach.]
Chili, near Black Creek, *Mrs. J. H. McGuire*. Irondequoit, *Miss Beckwith*.

143. *GAURA* L.

1485. **G. COCCINEA** Nuttall.
New York Central railroad, near Despatch, *M. S. Baxter* and *V. Dewing*.

FICOIDEÆ.

146a. MOLLUGO. L.

1486. *M. VERTICILLATA* L. INDIAN CHICKWEED. CARPET WEED.
 Railroad yard, Brighton, 1896, *Dr. C. M. Booth*. Railroad yard near
 North Avenue, Rochester, 1896, *J. B. Fuller*, several plants. Genesee
 Junction, *M. S. Baxter* and *V. Dewing*.

UMBELLIFERÆ.

163. HYDROCOTYLE Tourn. [L.]

376. *H. Americana* L. WATER PENNYWORT.
 Rich's Mills, Penfield, *M. S. Baxter*. Greece, *Miss Beckwith* and
Miss M. E. Macauley.

CORNACEÆ.

166. CORNUS Tourn. [L.] CORNEL. DOGWOOD.

1487. *C. Purpusi* Koehne.
 Common in Genesee Valley Park. *John Dunbar*.
Cornus Purpusi is recognized as a variety of *C. amomum* in the
 Seventh Edition of Gray's Botany. As a matter of fact, *C. amomum*
 does not appear to grow in a wild state in Monroe county or vicinity.
 It is, however, quite common in cultivation in Rochester.
1488. *C. Baileyi* Coulter & Evans.
 Durand Park, *John Dunbar*.

CAPRIFOLIACEÆ.

168. SAMBUCUS Tourn. [L.]

393. *S. Canadensis* L. COMMON ELDER.
 A distinct variety of *S. Canadensis* with dark yellow fruit has been
 found growing naturally in a swamp on the west side of Durand Park,
John Dunbar.
394. *S. racemosa* L. [*S. pubens* Mich.] RED-BERRIED ELDER.
 A yellow-fruited variety of *S. racemosa* has been found growing
 naturally in Scottsville, also in Seneca Park and Durand Park, *John
 Dunbar*.

169. VIBURNUM L. ARROW-WOOD.

1489. *V. LANTANA* L. (Gray's Bot. 7th edition.) WAYFARING TREE.
 Established around Rochester, *John Dunbar*.
395. *V. lantanoides* Michx. [*V. alnifolium* Marsh.] HOBBLE BUSH.
 Big Woods, Forest Lawn, *Mrs. H. G. Pierce*.
400. *V. cassinoides* L. (*V. nudum* var. *cassinoides* Torr & Gray).
 Penfield, *M. S. Baxter*.

172. *SYMPHORICARPOS* Dill. [Juss.] SNOWBERRY.

406. **S. racemosus** Michx var. *pauciflorus* Robbins [*S. pauciflorus* (Robbins) Britton.]
Hill at Mendon, *Lewis S. Gannett*.

173. *LONICERA* L.

1490. **L. XYLOSTEUM** L. EUROPEAN FLY HONEYSUCKLE.
Naturalized in hedgerows etc., around Rochester. Pinnacle Hills.
1491. **L. sempervirens** Ait. TRUMPET HONEYSUCKLE.
Roadside, near Mumford, *Florence Beckwith*, 1909.
1492. **L. hirsuta** Eaton. HAIRY HONEYSUCKLE.
Limestone region of Le Roy, *E. J. Hill*.
1493. **L. Douglasii** Hook. [*L. glaucescens* Rydb.]
Rocky bank Genesee river near Glen House, Rochester, *J. B. Fuller*.

RUBIACEÆ.

175. *HOUSTONIA* L.

413. **H. cœrulea** L. BLUETS. INNOCENCE.
Hemlock Lake. *John Dunbar*.

177a. *DIODIA* Gronov.

1494. **D. TERES** Walt.
Railroad track, Pittsford, 1896. *Dr. C. M. Booth*.

178a. *SHERARDIA* Dill.

1495. **S. ARVENSIS** L.
Vacant lot, East Avenue, Rochester, *C. Vollertsen*.

VALERIANACEÆ.

179. *VALERIANA*. Tourn. [L.]

430. **V. sylvatica** Banks.
Powder Mills, Perinton, and Bushnell's Basin, *M. S. Baxter*.

DIPSACEÆ.

181a. *SCABIOSA* L.

1496. **S. australis** Wulf.
Rare. Wyoming, N. Y., *George Hartnell*.

COMPOSITÆ.

184. *SOLIDAGO* L. GOLDEN-ROD.

1497. **S. bicolor** L. var. *CONCOLOR* T. & G.
Infrequent. Northeastern part of Rochester. *J. B. Fuller*.
454. **S. Ohioensis** Riddell.
Swamp one mile northeast of Pittsford, *M. S. Baxter*.

456. **S. lanceolata** L. [*Euthamia graminifolia* (L.) Nutt.]
Frequent now in and around Rochester.
- 184a. *BELLIS* TOURN. DAISY.
1498. **B. PERENNIS** L.
Persistent in lawns in various parts of Rochester and Scottsville.
186. *ASTER* L.
461. **A. Novæ-Angliæ** L.
A form with white flowers observed at Forest Lawn by *Mrs. H. G. Pierce*, 1904.
1499. **A. Lowricanus** Porter.
Woods, fields, river banks; common.
1500. **A. sagittifolius urophyllus** (Lindl.) Burgess.
Greece, *J. B. Fuller*.
467. **A. lævis** L.
A white-flowered form was collected at the University Avenue Dugway by *Miss Beckwith*, September, 1896. A late-flowering variety, blooming in November, has been found by *Mr. C. Vollertsen* on the Pinnacle Hills for several years in succession. It differs from the type in elongated leaves and long, narrow panicle.
1501. **A. lævis amplifolius** Porter.
Collected by Botanical Section in the vicinity of Rochester.
469. **A. multiflorus** Ait.
Collected by Botanical Section in the vicinity of Rochester.
1502. **A. lateriflorus pendulus** (Ait.) Burgess.
Banks of Genesee river, Rochester, *J. B. Fuller*.
1503. **A. Novi-Belgii** L. var **elodes** Gray.
Scarce. Mendon Ponds, *M. S. Baxter*.
193. *AMBROSIA* L. RAGWEED.
1504. **A. trifida** L. var. **integrifolia** T. & G.
Plentiful along the railroad in Brighton, *J. B. Fuller* and *Dr. C. M. Booth*.
1505. **A. PSILOSTACHYA** DC.
Railroad yard northeastern part of Rochester, *Dr. C. M. Booth*.
197. *RUDBECKIA* L.
507. **R. hirta** L. YELLOW DAISY. CONE-FLOWER.
A form with all ray flowers tubular found by *F. W. Ross*.
508. **R. hirta** L. var ——. This variety, with band of dark brown at base of ray flowers, first reported in 1891, still persists in the same locality in Gates.

198. HELIANTHUS L. SUNFLOWER.

1506. H. ANNUUS L.
Introduced western forms, railroad embankment from Coldwater to Penfield station, *J. B. Fuller* and *Dr. C. M. Booth*, 1896.
1507. H. PETIOLARIS Nutt.
Railroad embankment at Pittsford and Gates, *J. B. Fuller* and *C. M. Booth*.
1508. H. RIGIDUS Desf. (the form *Harpalium rigidum* Cass.)
Railroad embankment Pittsford and Gates, *Dr. C. M. Booth* and *J. B. Fuller*, 1896.
1509. H. giganteus L.
Pittsford, *C. M. Booth*. Gates, *J. B. Fuller*.
1510. H. MAXIMILIANI Schrad.
Railroad weed, Pittsford, *Dr. C. M. Booth*. Gates, *J. B. Fuller*.

199. COREOPSIS L. TICKSEED.

1511. C. TINCTORIA Nutt.
Scottsville, *Florence Beckwith*.
200. BIDENS L. STICKTIGHT. BEGGAR-TICKS.
1512. B. TENUISECTA Gray.
Highland Park, 1909, *Florence Beckwith*. Specimen in Herbarium of State Botanist.

200a. GALINSOGA Ruiz and Pavon.

1513. G. PARVIFLORA Cav. var. HISPIDA DC.
First reported by *Miss Beckwith* on Milburn Street, in 1898. Now plentiful in eastern and southeastern part of Rochester.

200b. CHAENACTIS DC.

1514. C. STEVIOIDES Hook. & Arn.
Reservoir Avenue, July, 1909. *Florence Beckwith*. Specimen in Herbarium of State Botanist.

203a. MATRICARIA Tourm. WILD CHAMOMILE.

1515. M. INODORA L.
Fields and roadsides, Rochester, 1897, *C. Vollertsen*.

204. CHRYSANTHEMUM Tourn. [L.]

1516. C. BALSAMITA L. var. TANACETOIDES Boiss. COSTMARY. MINT GERANIUM.
Roadsides. Pinnacle Avenue, Rochester, and Erie railroad just south of Genesee Valley Park, *John Dunbar*. Sweden, *M. S. Baxter*.

206. ARTEMISIA L. WORMWOOD.

532. A. BIENNIS Willd.
Railroad yard eastern part of Rochester, *Dr. C. M. Booth*; plentiful at Glen Haven, *M. S. Baxter*. Railroad yard at Le Roy, 1896, *J. B. Fuller*.

210. *CACALIA* L.

- 539.
- C. suaveolens*
- L. INDIAN PLANTAIN.

Near Le Roy, *M. S. Baxter*.212. *ARCTIUM* L. BURDOCK.

- 542.
- A. LAPPA*
- L. var.
- MINUS*
- Gray. COMMON BURDOCK.

Waste places; common.

- 1517.
- A. LAPPA*
- L. var.
- MAJUS*
- Gray. GREAT BURDOCK.

Rare. Buttermilk Falls, Genesee county, *M. S. Baxter*.215. *CENTAUREA* L.

- 550.
- C. BENEDICTA*
- L. BLESSED THISTLE.

Ash dump near eastern widewaters, Rochester, September, 1903,
Lewis S. Gannett.216. *LAMPSANA* Tourn. [*Lampsana* L.] NIPPLE-WORT.

- 552.
- L. COMMUNIS*
- L.

Roadside, Scottsville, *Florence Beckwith*.216a. *SERINIA* Raf.

- 1518.
- S. OPPOSITIFOLIA*
- (Raf.) Kuntze.

Brighton, *C. Vollertsen*.218a. *THRINCLIA* Roth.

- 1519.
- T. HIRTA*
- Roth.

Roadsides, Rochester. Rare. *C. Vollertsen*.218b. *LEONTODON* L., Juss.

- 1520.
- L. AUTUMNALIS*
- L. FALL DANDELION.

Roadside, Rundell Park, Rochester, 1882, *J. B. Fuller*. Neglected
lawn, East Avenue, Rochester, *Dr. C. M. Booth*. Park Avenue, Roch-
ester, 1898, *M. S. Baxter*. Le Roy, 1896, *J. B. Fuller*.218c. *ARNOSERIS* Gaertn.

- 1521.
- A. MINIMA*
- Dumort.

Fields, Rochester, *C. Vollertsen*, 1897. A specimen collected previous
to 1892 was found among our unrecognized plants by *J. B. Fuller*, in
1899.218d. *HYPOCHAERIS* L. CAT'S-EAR.

- 1522.
- H. RADICATA*
- L.

Rochester and Brighton, *C. Vollertsen*.219. *HIERACIUM* Tourn. [L.]

- 1523.
- H. PILOSELLA*
- L. MOUSE-EAR.

Ellwanger & Barry nurseries, Rochester, *C. Vollertsen*. Seneca Park,
B. H. Slavin.220. *CREPIS* L.

- 562.
- C. VIRENS*
- L.

Mt. Hope, 1866, *J. B. Fuller*; school grounds, Fairport, N. Y., *Mary*
E. Macauley; roadside, Culver Park, 1882, *J. B. Fuller*.

563. *C. TECTORUM* L.
Rare. Brockport, *Prof. W. H. Lennon.*

221a. *LYGODESMIA* Don.

1524. *L. EXIGUA* Gray.
Highland Park, 1909, *Florence Beckwith.* Specimen in Herbarium of State Botanist.

LOBELIACEÆ.

225. *LOBELIA.*

576. *L. spicata* Lam.
Forest Lawn, 1904, *Mrs. H. G. Pierce.*

ERICACEÆ.

229. *VACCINIUM* L. BLUEBERRY.

1525. *V. atrococcum* (Gray) Heller. (*V. corymbosum* var. *atrococcum* Gray.)
Mendon, *B. H. Slavin.*

235. *CASSANDRA* Don. [*CHAMÆDAPHNE* Moench.]

599. *C. calyculata* Don. [*Chamædaphne calyculata* (L.) Moench.] LEATHER-LEAF.
Penfield, *M. S. Baxter.*

236. *KALMIA* L.

1526. *K. glauca* Ait. PALE LAUREL.
Moss Lake, Allegany county, *M. S. Baxter* and *V. Dewing.* The only previous record for western New York is Machias, Cattaraugus county, in the Buffalo district. The same species is also reported by *Mr. Baxter* from Pedee swamp, five miles west of Hermitage, Wyoming county, the third station known in western New York.

ASCLEPIADACEÆ.

254. *VINCETOXICUM.* Moench. [*CYNANCHUM* L.]

638. *V. NIGRUM* Moench. [*Cynanchum nigrum* (L.) Pers.]
Roadside, Parma, *M. S. Baxter.*

GENTIANACEÆ.

254a. *ERYTHRÆA* Richard. CENTAURY.

1527. *E. CENTAURIUM* Pers.
On canal embankment beyond Cartersville, *M. S. Baxter.*

256. *FRASERA* Walt.

645. *F. Carolinensis* Walt. AMERICAN COLUMBO.
Allen's creek, *Mrs. F. W. Ross.* Geneseo, *M. S. Baxter.* Avon, *Vincent Dewing.*

257. *BARTONIA* Muhl.

646. *B. tenella* Muhl. [*B. Virginica* (L.) B. S. P.]
Springwater, Livingston county, *M. S. Baxter.*

BORRAGINACEÆ.

261. *CYNOGLOSSUM* Tourn. [L.]

654. **C. Virginicum** L. WILD COMFREY.
Mendon, *Mrs. J. H. McGuire*.

264. *MYOSOTIS* Dill. [L.]

1528. **M. PALUSTRIS** Withering. TRUE FORGET-ME-NOT.
Along Oatka creek, Scottsville, *Florence Beckwith*.

1529. **M. arvensis** Hoffm.
Brighton, *C. Vollertsen*.

1530. **M. VERSICOLOR** Pers.
Vacant lot, Park avenue, Rochester, *M. S. Baxter*. Brighton, *C. Vollertsen*.

265. *LITHOSPERMUM* Tourn. [L.] GROMWELL.

662. **L. latifolium** Michx.
Scottsville, *Florence Beckwith*.

266. *SYMPHYTUM* Tourn. [L.]

664. **S. OFFICINALE** L. COMMON COMFREY.
A white form collected by *Mary E. Macauley*.

665. **S. ASPERRIMUM** Sims. PRICKLY COMFREY.
On road between Chili and Gates, 1895; Greece, 1897, and June, 1898,
Mrs. J. H. McGuire.

CONVOLVULACEÆ.

269. *IPOMŒA* L.

1531. **I. pandurata** Meyer. WILD POTATO-VINE. MAN-OF-THE-EARTH.
One mile south of West Rush, along roadside wall, *W. Streeter* and
M. S. Baxter. Ridgeway Avenue, Greece, *Mary E. Macauley*.

SOLONACEÆ.

272. *SOLANUM* Tourn. [L.]

675. **S. CAROLINENSE** L. HORSE-NETTLE.
Railroad embankment, Brighton, *Dr. C. M. Booth* and *J. B. Fuller*.
Boulevard, Greece, near Kodak Park, 1899, *Rev. John Walton*. Pen-
field, *V. Dewing*.

676. **S. ROSTRATUM** Dunal.
Railroad embankment near Scio street, 1896, *J. B. Fuller*. Railroad
embankment, Pittsford, 1896, *C. M. Booth*.

273. *PHYSALIS* L. GROUND CHERRY.

1532. **P. Philadelphica** Lam.
Railroad embankment, Gates, September, 1896, *C. M. Booth* and *J. B. Fuller*.
Rush, August, 1899, *Earl H. Clapp*.

679. **P. Virginiana** Mill. (*P. viscosa* Man.) [*P. heterophylla* Nees.]
Grand avenue, Rochester, and along N. Y. C. R. R., Brighton, *Dr. C. M. Booth*. Roadside, Culver street, *J. B. Fuller*. Plentiful at sand cut, near Penfield station, *J. B. Fuller*. Greece, *Miss Beckwith*.
1533. **P. LANCEOLATA** var. **HIRTA** Gray. [*Physalis pumila* Nutt.]
Railroad embankment, Rochester, *Dr. C. M. Booth*.

SCROPHULARIACEÆ.

281. **LINARIA** Tourn. [Juss.]

1534. **L. CYMBALARIA** (L.) Mill. **KENILWORTH** or **COLISEUM** IVY.
A single plant, Penfield station, *Dr. C. M. Booth*. Persistent in a lawn in Scottsville for many years, *Florence Beckwith*.

283a. **COLLINSIA** Nutt.

1535. **C. verna** Nutt.
Local. Rich bottom land, West Rush, *M. S. Baxter* and *William Streeter*.

285. **PENTSTEMON** Mitchell. [Soland.] **BEARD-TONGUE**.

1536. **P. laevigatus** Solander.
South Goodman street, Rochester. *C. Vollertsen*. Black Creek, *M. S. Baxter* and *V. Dewing*. Honeoye Falls, *M. S. Baxter*. Andrews road, Chili, *Mrs. J. H. McGuire*.

289. **VERONICA** L.

710. **V. BUXBAUMII** Tenore. [*V. Byzantina* (Sibth. & Smith) B. S. P.]
Monroe avenue, Rochester, 1898, *M. S. Baxter*. Irondequoit, field southwest of Float Bridge, 1908, *Lewis S. Gannett*.

290. **BUCHNERA** L.

711. **B. Americana** L. **BLUE-HEARTS**.
University avenue dugway, 1897, *M. S. Baxter*. Perinton, near powder mill, *James Bishop*.

VERBENACEÆ.

301. **VERBENA** Tourn. [L.] **VERVAIN**.

1537. **V. BRACTEOSA** Michx.
A railroad weed, near Leighton avenue, *Dr. C. M. Booth*.

LABIATÆ.

305. **MENTHA** Tourn. [L.]

1538. **M. CITRATA** Ehrh. **BERGAMOT MINT**.
Wayne county, *A. J. Perkins*.

308. **PYCNANTHEMUM** Michx. [*Koellia* Mœnch.] **MOUNTAIN MINT**.
BASIL.

745. **P. lanceolatum** Pursh. [*Koellia Virginiana* (L.) Mac M.]
Mendon, *J. B. Fuller*, *George T. Fish*, *Florence Beckwith*. Swamp northeast of Pittsford, *M. S. Baxter*.

1539. **P. linifolium** Pursh. [*Kællia flexuosa* (Walt.) Mac M.]
Swamp northeast of Pittsford, *M. S. Baxter*. River road, Rochester,
C. Vollertsen. Near Canandaigua Lake, *Mrs. George C. King*.
747. **P. incanum** Michx.
Forest Lawn, Webster road, *Mrs. H. G. Pierce*.
- 310. THYMUS** Tourn [L.]
749. **T. SERPYLLUM** L. WILD THYME.
Penfield, *Dr. C. M. Booth*. Seneca Park, *B. H. Slavin, Florence Beckwith, Mary E. Macauley*.
- 314. MONARDA** L.
754. **M. didyma** L. BEE BALM.
Scottsville, *Florence Beckwith*. The Gulf, Genesee County, *M. S. Baxter*.
1540. **M. fistulosa** L.
Near Rochester, *Otto Betz*.

PLANTAGINACEÆ.

- 325. PLANTAGO** Tourn. [L.] PLANTAIN.
1541. **P. PATAGONICA** Jacq. var **ARISTATA** Gray. [*P. Aristata* Michx.]
Parsells avenue, *Dr. C. M. Booth*, six or eight plants. On the Culver
road between Park avenue and the canal bridge, about fifteen plants,
J. B. Fuller and *C. M. Booth*. East Avenue, *C. Vollertsen*. Sodus
Bay, *A. J. Perkins*.

NYCTAGINACEÆ.

- 325a. OXYBAPHUS** Vahl. [L'Her.]
1542. **O. HIRSUTUS** Sweet. [*Allionia hirsuta* Pursh.]
Railroad yard, eastern part of Rochester, *Dr. C. M. Booth*, 1895.
Allen's creek, *M. S. Baxter* and *V. Dewing*.

ILLECEBRACEÆ.

- 325b. SCELERANTHUS** L.
1543. **S. ANNUUS** L.
Waste lot near East avenue, Rochester, *C. Vollertsen*. Park avenue,
M. S. Baxter.

AMARANTACEÆ. [AMARANTHACEÆ.]

- 326. AMARANTUS** Tourn. [AMARANTHUS L.] AMARANTH.
777. **A. HYPOCHONDRIACUS** L. [*Amaranthus hybridus* L.]
Railroad yard eastern part of Rochester, *Dr. C. M. Booth*, 1896.

781. *A. BLITOIDES* Watson. [*Amaranthus blitoides* S. Watson.]
 Railroad yard, 1895, common from North avenue to Brighton, and perhaps beyond. August, 1896, in one place, just west of Prince street, for a distance of 150 feet, it was so abundant as to exclude nearly everything else. Frequent from Brighton to Penfield and from Rochester to Coldwater, though less frequent west than east of Rochester, September, 1896, *J. B. Fuller*.

CHENOPODIACEÆ.

326a. *CYCLOLOMA* Moquin. WINGED PIGWEED.

1544. *C. PLATYPHYLLUM* Moquin. [*C. atriplicifolium* (Spreng.) Coulter.]
 Railroad yard, eastern part of Rochester, 1895, *C. M. Booth*. Vincent street flats, Rochester, *M. S. Baxter*.

326b. *KOCHIA* Roth.

1545. *K. SCOPARIA* Schrad. [*K. scoparia* (L.) Roth.]
 Established on Garson avenue, Rochester, 1895, *Dr. C. M. Booth*.

327. *CHENOPODIUM*. TOURN. [L.] GOOSEFOOT. PIGWEED.

1546. *C. FOETIDUM* Lamk.
 Canandaigua, *Mrs. E. O. Cartwright*, 1897.
1547. *C. GLAUCUM* L. OAK-LEAVED GOOSEFOOT.
 Plentiful in railroad yards, Rochester. Scattered along tracks from Coldwater to Penfield. Plentiful in railroad yard at Le Roy, and frequent in dry bed of Oatka creek below Le Roy, *J. B. Fuller*, 1896.
785. *C. BONUS-HENRICUS* L. MERCURY.
 Waste field, Lyndhurst street, Rochester, *J. B. Fuller*.
787. *C. BOTRYS* L. JERUSALEM OAK.
 Common in railroad yard from Scio street to Brighton, and occasional along N. Y. C. R. R. west of the city, *J. B. Fuller*.
1548. *C. AMBROSIOIDES* L. MEXICAN TEA.
 Corner Scio and Syracuse streets, Rochester, *J. B. Fuller*, 1896.
 Railroad yard, *Dr. C. M. Booth*, 1896. Vacant lot, Canal street, Rochester, *M. S. Baxter*, 1907.

328a. *MONOLEPIS* Schrad.

1549. *M. NUTTALLIANA* (R. & S.) Wats.
 Reservoir avenue, 1909, *Florence Beckwith*. Specimen in Herbarium of State Botanist.

328b. *SALSOLA* L.

1550. *S. KALI* L. var. *TENUIFOLIA* G. F. W. Mey. RUSSIAN THISTLE.
 Railroad yard eastern part of Rochester, *Dr. C. M. Booth*, 1896.
 River flats, Vincent street bridge, *M. S. Baxter*, 1898. Despatch and railroad yard, Lincoln Park, 1899, *Miss Beckwith*. Common now along railroads in various parts of the county.

POLYGONACEÆ.

330. RUMEX L. DOCK.

1551. **R. altissimus** Wood. TALL OR PEACH-LEAVED DOCK.
Bank of Honeoye creek, Rush, 1899, *Earl H. Clapp*. Lyndhurst
street, *J. B. Fuller*. Lincoln Park, 1909, *M. S. Baxter*.
1552. **R. CRISPUS** L. x **R. PATIENTIA** L.
Lyndhurst street, Rochester, *J. B. Fuller*.

331. POLYGONUM Tourm. [L.] KNOTWEED.

1553. **P. lapathifolium** L.
Old canal near Genesee Valley Park, *M. S. Baxter* and *V. Dewing*.
1554. **P. punctatum** Ell. var. **robustius** Small.
Monroe county, *Botanical Section*.

ARISTOLOCHIACEÆ.

334a. ARISTOLOCHIA Tourm. BIRTHWORT.

1555. **A. TOMENTOSA** Sims.
Naturalized near Pinnacle Hill, Rochester, *John Dunbar*.

EUPHORBIACEÆ.

343a. MERCURIALIS L. MERCURY.

1556. **M. ANNUA** L.
West Brighton, and river road near Rochester, *C. Vollertsen*.

URTICACEÆ.

350. URTICA Tourm. [L.] NETTLE.

844. **U. DIOICA** L.
Waste places, Rochester, *C. Vollertsen*.
1557. **U. URENS** L.
Adventitious. Avon, *C. Vollertsen*.

MYRICACEÆ.

357. MYRICA L.

1558. **M. asplenifolia** Endl. SWEET FERN.
Rare. Vosburgh's woods, Forest Lawn, *Mrs. H. G. Pierce*, 1890.
Between Sea Breeze and Summerville, *Lewis S. Gannett*. Forest Lawn,
M. O. Stone, *Miss H. F. Jacobs*.

CUPULIFERÆ.

363. QUERCUS L. OAK.

- Q. alba** x **bicolor**.
One large tree in Maplewood Park. *John Dunbar*.

SALICACEÆ.

366. *SALIX* Tourn. [L.] WILLOW.

886. *S. serissima* Fern.

Bergen Swamp. This is the late-fruited plant noted in Plants of Monroe County, New York, as *S. lucida* Muhl. var. ————? It has since been raised to specific rank.

1559. *S. alba* L.

Forest Lawn, *Mrs. H. G. Pierce*.

898. *S. petiolaris* J. E. Smith.

Seneca Park, east, *J. B. Fuller*.

903. *S. myrtilloides* L. MYRTLE WILLOW.

Despatch, *M. S. Baxter*.

367. *POPULUS* Tourn. [L.]

907. *P. balsamifera* L. BALSAM POPLAR.

Along the shore of Lake Ontario, in Hamlin, *M. S. Baxter*.

MONOCOTYLEDONES.

ORCHIDACEÆ.

381. *EPIPACTIS* Haller [R. Br.]

931. **E. Helleborine** Gray, Man., not Crantz. [*E. viridiflora* (Hoffm.) Reichb.]

Webster, *M. S. Baxter*; Forest Lawn, *Mrs. H. G. Pierce*; North Rush and Henrietta, one in each town, near town line, on a dry knoll, *Earl H. Clapp*. Oak Orchard Creek, *Prof. W. H. Lennon*.

383. *CALOPOGON* R. Br. [LIMODORUM L.]

933. **C. pulchellus** R. Br. [*Limodorum tuberosum* L.]
Powder Mill, Perinton, *M. S. Baxter*.

386. *HABENARIA* Willd.

939. **H. bracteata** R. Br. (*H. viridis* var. *bracteata* Reichenb.) [*H. bracteata* (Willd.) R. Br.]

Big Woods, Forest Lawn, *Mrs. H. G. Pierce*. Pinnacle Hill, *Mrs. V. Dewing*.

947. **H. lacera** R. Br. [*H. lacera* (Mich.) R. Br.]
Chili, *Mrs. J. H. McGuire*.

IRIDACEÆ.

388. *IRIS* Tourn. [L.]

1560. **I. PSEUDACORUS** L. EUROPEAN YELLOW IRIS.

Well established near Shortsville, Ontario county, *Mrs. E. O. Cartwright*.

LILIACEÆ.

406. *TRILLIUM* L.

986. **T. cernuum** L. NODDING TRILLIUM.

Rare. Coldwater Station, Chili, *Prof. E. H. Eaton*, *M. S. Baxter* and *W. Streeter*. Orleans county, *Prof. W. H. Lennon*.

987. **T. erythrocarpum** Mx. [*T. undulatum* Willd.] PAINTED TRILLIUM.
Barnards, *Mrs. F. W. Ross*.

1561. **T. declinatum** (Gray) Gleason.

Abundant at West Rush, the only known station in our territory, *M. S. Baxter* and *W. Streeter*.

409. *VERATRUM* Tourn. [L.]

990. **V. viride** Ait. INDIAN POKE.

Greece, *Miss Mary E. Macauley*.

JUNCACEÆ.

413. *JUNCUS* Tourn. [L.] RUSH.

1562. **J. brachycephalus** (Engelm.) Buchenau.

Bergen swamp, Genesee county, *M. S. Baxter*.

TYPHACEÆ.

416. *SPARGANIUM* Tourn. [L.] BUR-REED.

1563. **S. simplex** Huds. var. *androcladum* Engelm.
Shore of Lake Ontario, Greece, *Florence Beckwith*.

ARACEÆ.

417. *ARISÆMA* Martius.

1017. **A. Dracontium** Schott. [*A. Dracontium* (L.) Schott.] GREEN
DRAGON.
Red Creek, Henrietta, *Dr. C. M. Booth*. Black Creek, *M. S. Baxter*.

LEMNACEÆ.

424. *WOLFFIA* Horkel.

1564. **W. brasiliensis** Weddell.
Abundant in Irondequoit Bay, *J. B. Fuller*.

NAIADACEÆ.

429. *POTAMOGETON* Tourn. [L.] PONDWEED.

1565. **P. perfoliatus** L. var. *lanceolatus* Robbins.
Frequent. *J. B. Fuller*.

CYPERACEÆ.

432. *CYPERUS* Tourn. [L.] GALINGALE.

1053. **C. filiculmis** Vahl.
Abundant in barren, sandy fields between Point Pleasant and Sea
Breeze. Near Riverside Cemetery, Greece, *Mary E. Macauley* and
Florence Beckwith.

434. *ELEOCHARIS* R. Br. SPIKE-RUSH.

1059. **E. olivacea** Torr.
Mendon, *M. S. Baxter*.

440. *CAREX* Ruppius. [L.] SEDGE.

1091. **C. Grayii** Carey. [*C. Asa-Grayi* Bailey.]
Glen Haven, *Dr. C. M. Booth*.

1566. **C. Schweinitzii** Dewey.
Rare. Wayne county, *E. L. Hankenson*.

1567. **C. formosa** Dewey.
Rare. Seneca Park, Rochester, *Dr. Charles H. Peck*, 1904.

1568. **C. laxiflora** Lam var. *varians* Bailey.
Pavilion, Genesee county, *E. J. Hill*.

1145. **C. Careyana** Torr.
Mendon, *M. S. Baxter*.

1569. **C. tetanica** Schk. var. **Woodii** Bailey.
Pavilion, Genesee county, *E. J. Hill*.
- 1177 **C. interior** Bailey, *Bull. Torr Club*, 20: 426 (1893).
Mendon, *M. S. Baxter*; Riga, *Miss Beckwith*.
1570. **C. tribuloides** Wahl. var. **reducta** Bailey.
In woods, Penfield, *M. S. Baxter* and *V. Dewing*.

GRAMINEÆ.

443. PANICUM L.

1571. **P. MILIACEUM** L. EUROPEAN MILLET.
Grand avenue, *Dr. C. M. Booth*. Dumping ground near Culver street bridge, *J. B. Fuller* and *C. M. Booth*. Dumping ground, Augusta street, *J. B. Fuller*.
1195. **P. proliferum** Lam.
Railroad yard eastern part of Rochester, *Dr. C. M. Booth*, 1895.
1572. **P. macrocarpon** Le Conte.
Banks of streams, *J. B. Fuller*.
1573. **P. commutatum** Schultes.
Woods, Irondequoit, *J. B. Fuller*.
1574. **P. pubescens** Lam.
Border of woods, Irondequoit, *J. B. Fuller*.

444. SETARIA Beauv. FOXTAIL.

1575. **S. VERTICILLATA** Beauv.
Garden weed, Joslyn Park, Rochester, 1899, *J. B. Fuller*. Alexander street, *Miss Beckwith*, 1899. Boulevard, near Charlotte, *Rev. John Walton*.

445. CENCHRUS L. BUR-GRASS.

1208. **C. TRIBULOIDES** L.
Common from North avenue, Rochester, to beyond Brighton. Abundant at Penfield, whole fields being full of it.

458a. MIBORA Adans.

1576. **M. MINIMA** Desv.
Hodges' nursery, Brighton. Has been growing there at least three years, *Oscar Edson*.

459. SPOROBOLUS R. Br. RUSH-GRASS.

1233. **S. VAGINÆFLORUS** Vasey. (*Vilfa vaginæflora* Torr.) [*Sporobolus vaginæflorus* (Torr.) Wood.]
Railroad yard eastern part of Rochester, *Dr. C. M. Booth*, 1896. Railroad track, Gates, 1896, *J. B. Fuller*. Sparingly in both places.

466. *DESCHAMPSIA* Beauv. HAIR-GRASS.

1245. *D. flexuosa* Trinius. (*Aira flexuosa* L.) [*D. caespitosa* (L.) Beauv.]
Sodus Point, *A. J. Perkins*.

468. *AVENA* Tourn. [L.] OAT.

1249. *A. striata* Michx.
Mendon, *J. B. Fuller*.

474. *ERAGROSTIS* Beauv.

1257. *E. MAJOR* Host. (*E. poaeoides* var. *megastachya* Gray.)
Plentiful corner Scio and Syracuse streets, Rochester, *J. B. Fuller*.
Powder Mills, Perinton, *M. S. Baxter*. Scottsville, *Miss Beckwith*.

1258. *E. PURSHII* Schrader.
Plentiful at Scio street and University avenue crossings, and scattered
along railroad track from Coldwater to Penfield, *J. B. Fuller*.

479. *BROMUS* L.

1286. *B. TECTORUM* L.
Penfield, *Dr. C. M. Booth*. East Main street, Rochester, *J. B. Fuller*.
Brighton, *J. B. Fuller*.

480. *LOLIUM* L. DARNEL.

1289. *L. TEMULENTUM* L. BEARDED DARNEL.
Near Morton, Monroe county, *Florence Beckwith*.

GYMNOSPERMÆ.

CONIFERÆ.

486. *PICEA*. Link.

1300. **P. nigra** Link. (*Abies nigra* Poir.) [*Picea Mariana* (Mill.) B. S. P.]
BLACK SPRUCE.

Despatch, *M. S. Baxter*.

488. *ABIES* Link. [Juss.]

1302. **A. balsamea** Mill. [*A. Balsamea* (L.) Mill.] BALSAM FIR.
Springwater, Livingston county, *M. S. Baxter* and *V. Dewing*.

CRYPTOGAMIA.

VASCULAR ACROGENS. [PTERIDOPHYTA.]

EQUISETACEÆ.

493. *EQUISETUM* L. HORSETAIL. SCOURING RUSH.

1312. **E. palustre** L.
Glen Haven, *Miss Mary E. Macauley*.
1316. **E. scirpoides** Michx.
In fruit, April 27, 1897, Zarges Mills, *M. S. Baxter*.

FILICES. FERNS.

496a. *PELLÆA*. Link. CLIFF-BRAKE.

1577. **P. atropurpurea** Link. [*P. atropurpurea* (L.) Link.]
Rare. Both sides of the ravine at The Gulf, Genesee county, *M. S. Baxter*, July, 1896.

498. *ASPENIUM* L. SPLEENWORT.

1321. **A. Trichomanes** L.
Brighton, *M. S. Baxter*.
1322. **A. ebeneum** Ait. [*A platyneuron* (L.) Oakes.]
Abundant at the Gulf, Genesee county, *M. S. Baxter*.
499. *CAMPTOSORUS* Link. WALKING-LEAF. WALKING-FERN.
1326. **C. rhizophyllus** Link. [*C. rhizophyllus* (L.) Link.]
Abundant in rocky woods, Penfield, *M. S. Baxter*.
500. *PHEGOPTERIS* Fee. BEECH FERN.
1327. **P. polypodioides** Fee. [*P. Phegopteris* (L.) Underw.]
Big Woods, Forest Lawn, *Mrs. H. G. Pierce*. Stony Brook Glen, near Dansville, *Florence Beckwith*.

501. *ASPIDIUM* Swartz. [DRYOPTERIS Adans.] SHIELD FERN.

1578. **A. goldianum** x **intermedium** Dowell (comb. nov.) (*Dryopteris goldiana* x *intermedia* Dowell, Bull. Tor. Bot. Club, 35, 1908.)
Wet woods lower Genesee river. Scarce. *M. S. Baxter*.
1579. **A. cristatum** Swartz x **marginale** Davenport.
Riverside woods, bank of Genesee river, *M. S. Baxter*. Specimen in Davenport Herb.
1580. **A. Clintonianum** x **goldianum** Dowell (comb. nov.) (*Dryopteris clintoniana* x *goldiana* Dowell, Bull. Tor. Bot. Club, 35, 1908.) (*A. goldianum* var. *celsum* (Palmer) Robinson.)
Occasional. Arbor vitæ swamp, Chili and wet woods lower Genesee, *M. S. Baxter*.

1581. **A. Clintonianum** x **spinulosum** (Benedict) Dowell (comb. nov.) (*Dryopteris Clintoniana* x *spinulosa* (Benedict)) Dowell, Torreyia. Scarce. Arbor vitæ swamp, Chili, *M. S. Baxter*.
1582. **A. Clintonianum** x **intermedium** Dowell (comb. nov.) (*Dryopteris Clintoniana* x *intermedia* Dowell, Bull. Tor. Bot. Club, 35, 1908.) Frequent, Arbor vitæ swamp, Chili, and wet woods lower Genesee, *M. S. Baxter*.
1334. **A. spinulosum** Swartz var. **dilatatum** Hooker. [*Dryopteris spinulosa dilatata* (Hoffm.) Underw.] Big Woods, Forest Lawn, *Mrs. H. G. Pierce*.
1583. **A. spinulosum** var. **concordianum** (Davenport) Eastman. Rare. Arbor vitæ swamp, Henrietta, *M. S. Baxter*.

OPHIOGLOSSACEÆ.

506. *BOTRYCHIUM* Swartz. MOONWORT.

1351. **B. ternatum** Swartz var **dissectum** Sprenger. Henrietta, *M. S. Baxter* and *V. Dewing*.

507. *OPHIOGLOSSUM* L. ADDER'S TONGUE.

1353. **O. vulgatum** L. Near Coldwater and at Mendon Ponds, *M. S. Baxter*. Forest Lawn, *James Bishop*.

SELAGINELLACEÆ.

509. *SELAGINELLA* Beauv.

1358. **S. rupestris** Spring. [*S. rupestris* (L.) Spring.] Dry sandy barrens, Penfield. Apparently the only station, except in the far west, where this plant does not grow on rocks, *M. S. Baxter* and *W. Streeter*.
1584. **S. apus** Spring. Rare. Blue Pond, Wheatland, near Clifton, *M. S. Baxter*.

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Mountain Mint.....	25	Salicaceæ	29	Verbenaceæ.....	25
Mouse-Ear.....	22	Salix.....	29	Veronica.....	25
Mustard.....	7	Salsola.....	27	Vervain.....	25
Myosotis.....	24	Sambucus.....	18	Vetch.....	11
Myrica.....	28	Sand Spurrey.....	9	Viburnum	18
Myricaceæ.....	28	Sandwort.....	9	Vicia.....	11
Myrtle Willow.....	29	Saxifraga.....	17	<i>Vilfa</i>	32
		Saxifragaceæ.....	17	Vincetoxicum	23
Naiadaceæ.....	31	Scabiosa.....	19	Viola.....	8
Nasturtium.....	7	Secleranthus.....	26	Violaceæ.....	8
Nettle.....	28	Scouring Rush	35	Violet.....	8
Nipple-wort.....	22	Scrophulariaceæ.....	25		
Nyctaginaceæ.....	26	Sedge.....	31	Wahoo.....	10
		Selaginella.....	36	Walking Fern.....	35
Oak.....	28	Selaginellaceæ.....	36	Walking-leaf.....	35
Oak-leaved Goosefoot.....	27	Serimia.....	22	Water Cress.....	7
Oat.....	53	Setaria.....	32	Water Pennywort.....	18
Oenothera.....	17	Sherardia.....	19	Wayfaring Tree.....	18
Onagraceæ.....	17	Silene.....	9	White Campion.....	9
Ononis.....	11	Sisymbrium.....	8	White Thorn.....	12
Ophioglossaceæ.....	36	Snowberry.....	19	Whitlow Grass.....	7
Ophioglossum.....	36	Solanum.....	24	Wild Chamomile.....	21
Orange Root.....	7	Solidago.....	19	Wild Comfrey.....	24
Orchidaceæ.....	30	Solonaceæ.....	24	Wild Potato-vine.....	24
Oxalis.....	10	Sparganium.....	31	Wild Thyme.....	26
Oxybaphus.....	26	Spergula.....	9	Willow.....	29
		<i>Spergularia</i>	9	Willow Herb.....	17
Panicum.....	32	Spike Rush.....	31	Winged Pigweed.....	27
Pellaea.....	35	Spiraea.....	11	Wolfia.....	31
Pentstemon.....	25	Spleenwort.....	35	Wood Sorrel.....	10
Perfumed Cherry.....	11	Sporobolus.....	32	Worm-seed Mustard.....	7
<i>Phaseolus</i>	11	Starwort.....	9	Wormwood.....	21
Phegopteris.....	35	Stellaria.....	9		
Philadelphus.....	17	<i>Stenophragma</i>	8	Yellow Daisy.....	20
Physalis.....	24	Sticktight.....	21	Yellow Mustard.....	8
Picea.....	34				

