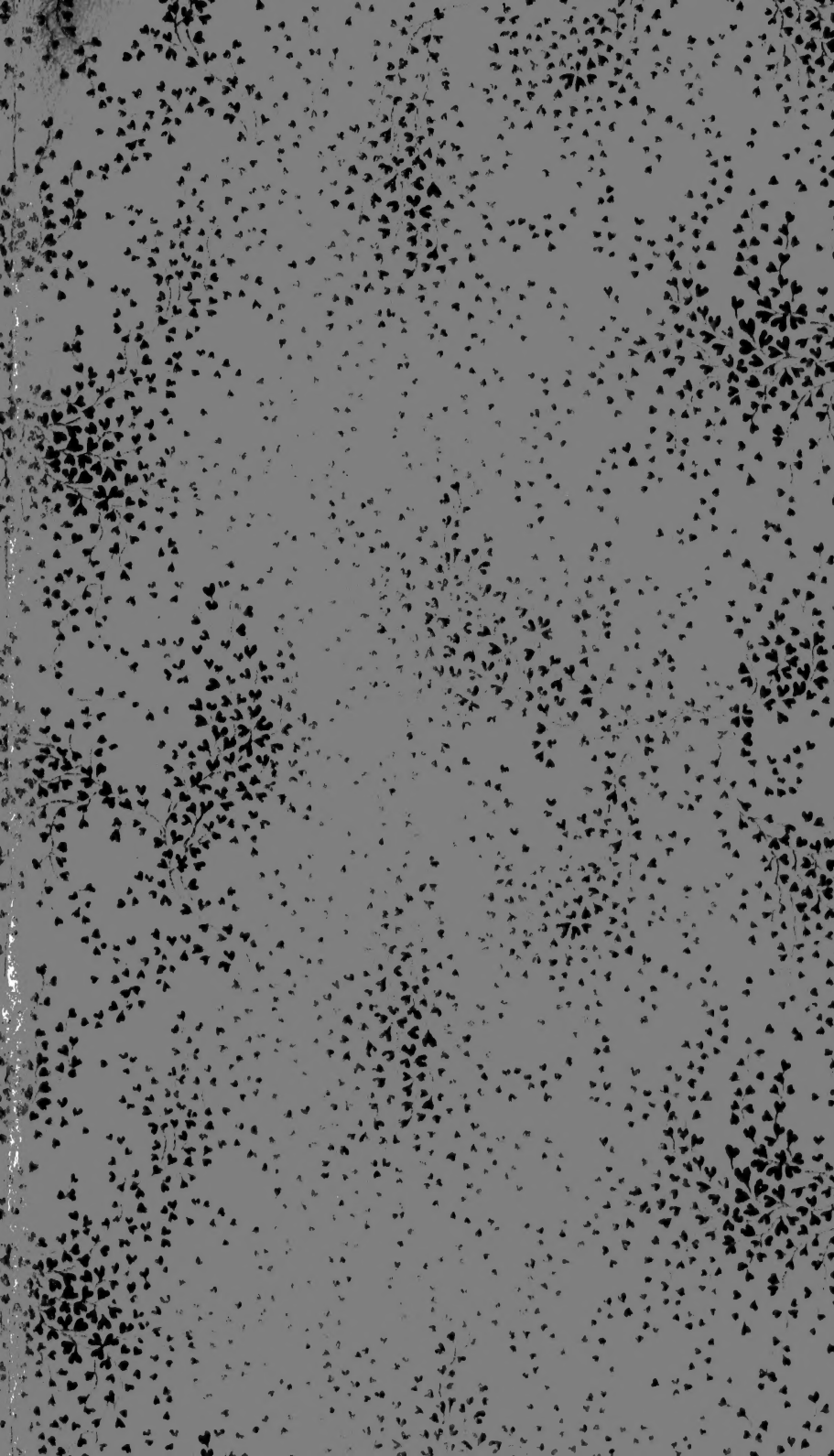


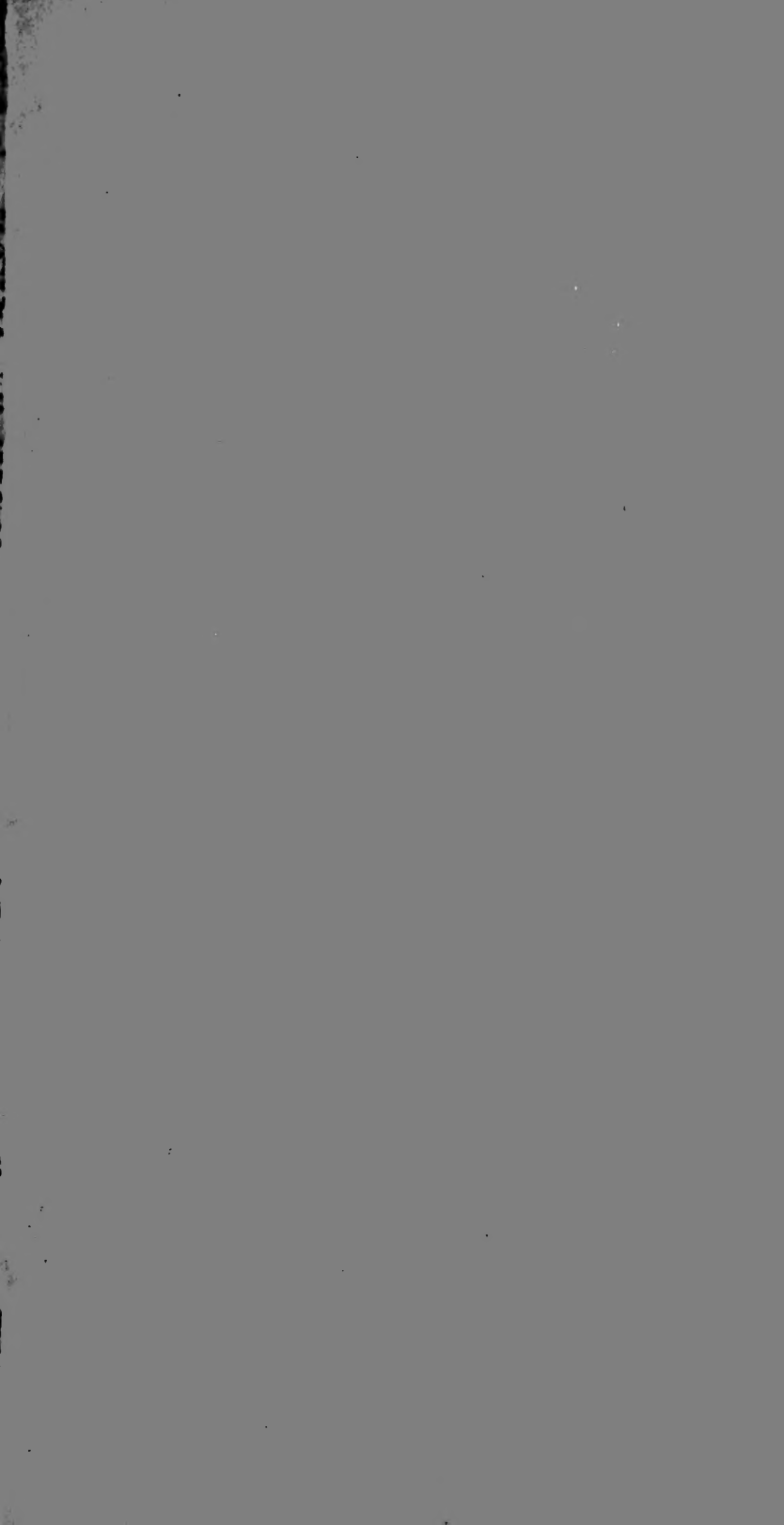
+QK  
129  
.T6  
C.7

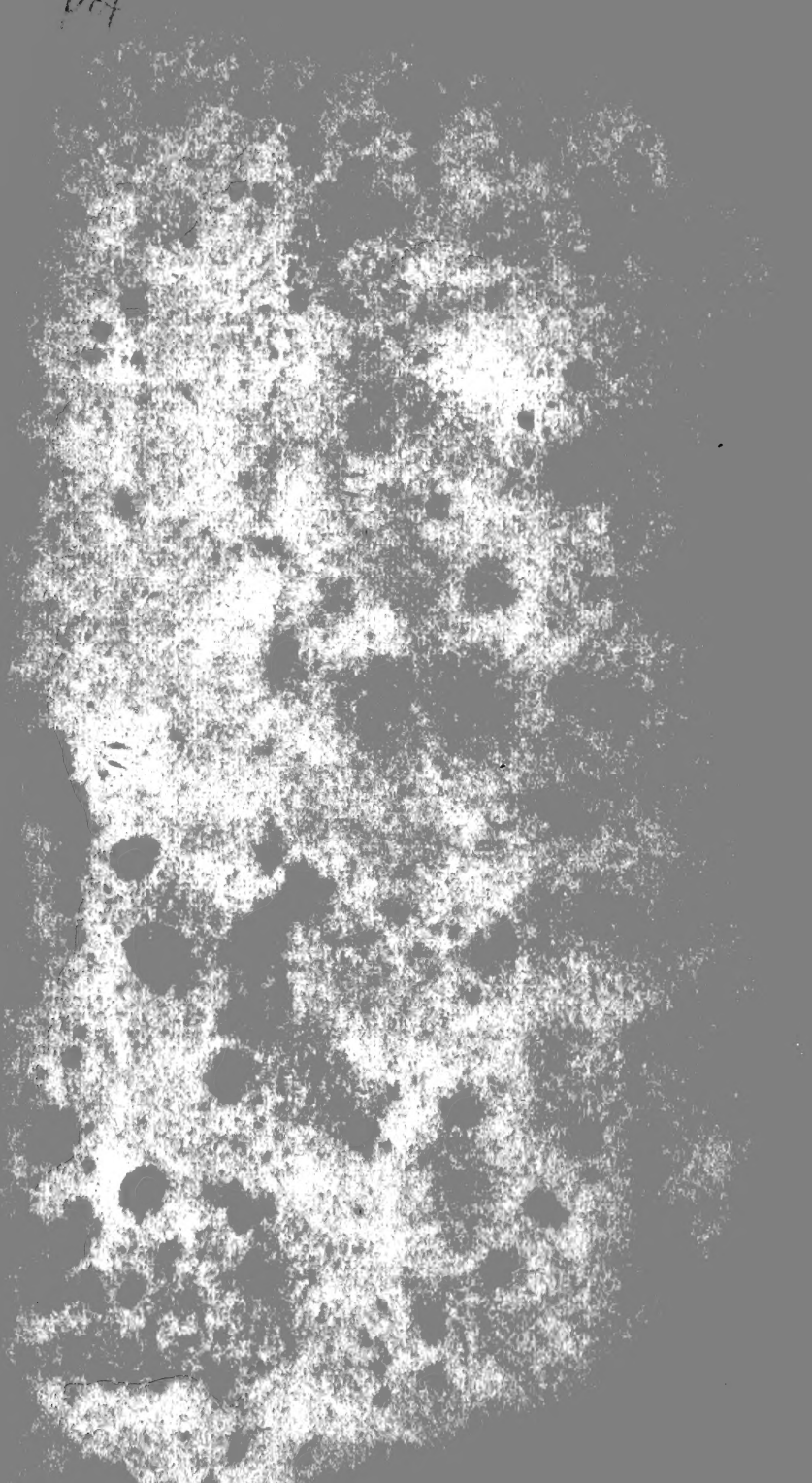


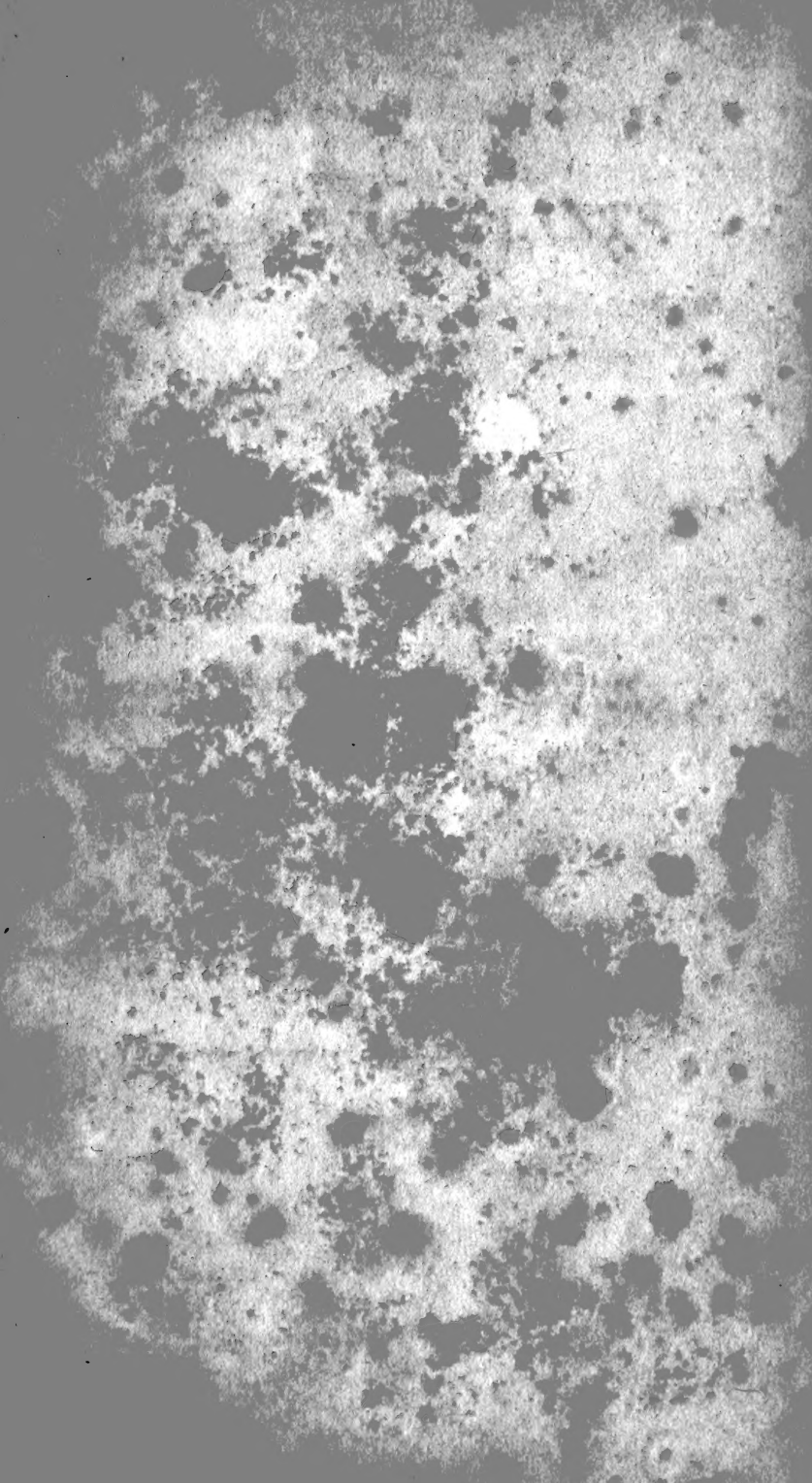
Bequest of  
Kenneth K. Mackenzie  
October 1934











ESTABLISHMENT OF PLANTS

THE UNITED STATES

OF THE

DEPT. OF THE INTERIOR

OFFICE OF THE GEOLOGICAL SURVEY

WASHINGTON

1880



T. A. GREENE.

A

# CATALOGUE OF PLANTS,

GROWING SPONTANEOUSLY

WITHIN THIRTY MILES

OF THE

## CITY OF NEW-YORK.

---

PUBLISHED BY THE LYCEUM OF NATURAL HISTORY OF  
NEW-YORK.

---

ALBANY :

PRINTED BY WEBSTERS AND SKINNERS,

At their Bookstore in the White House, corner of State and Pearl Streets.

\*\*\*\*\*

1819.

104

129

76

67

40

27.11.85

T

63

9106

UNRECORDED

RECORDED

INDEXED

FILED

1985

NOV 11 1985

FBI - MEMPHIS

COMMUNICATIONS SECTION

TELETYPE UNIT

TELETYPE UNIT

TELETYPE UNIT

TELETYPE UNIT

TELETYPE UNIT

TO

**SAMUEL L. MITCHILL, M. D.**

**PRESIDENT OF THE LYCEUM OF NATURAL HISTORY,**

**PROFESSOR OF BOTANY, ZOOLOGY AND MINERALOGY**

IN THE

***UNIVERSITY;***

**SURGEON-GENERAL OF THE STATE OF NEW-YORK;**

**PRESIDENT OF THE INSTITUTION FOR INSTRUCTING**

**THE DEAF AND DUMB,**

*&c. &c. &c.*

**THIS CATALOGUE OF THE PLANTS**

**GROWING IN THE NEIGHBORHOOD OF THE**

***CITY OF NEW-YORK,***

**IS INSCRIBED,**

**AS A TRIBUTE OF RESPECT,**

AND

**AS A TOKEN OF ACKNOWLEDGMENT**

**TO HIM,**

**WHO FIRST RECOMMENDED THE UNDERTAKING.**

## Advertisement.

THE resolution of the LYCEUM to prepare a Catalogue of the Plants growing in this Neighborhood, was passed May 5th, 1817. Dr. C. W. EDDY, Mr. D'JURCO V. KNEVELS, and myself, were appointed a Committee to carry the resolution into effect. And although the following pages were reported as early as December 22, 1817, unavoidable obstacles have delayed its publication until the present time.

(Signed)

JOHN TORREY,

*In behalf of the Committee.*

Feb. 16, 1819.

## PREFACE.



THIS Catalogue is intended to facilitate the study of the Plants growing spontaneously in the vicinity of the city of New-York. It is believed there are few species hitherto observed in this neighborhood which are not to be found in it; though it is not to be supposed that the list is by any means complete. The few that have not come under our own observation, have been inserted on good authority.

The Catalogue of Plants growing about Plandome, on Long-Island, published in 1807, in the Medical Repository,† was the first attempt to enumerate the native plants of the vicinity of New-York. It contains three hundred and ten species, some of which are rare.

In 1812, J. LE CONTE, Esq. published in the Medical and Philosophical Register,‡ a list of four hundred and fifty plants, collected by him on the island of New-York.

These are the only local Catalogues of Plants, relating to this section of our country, which have hitherto been published.

Though our Catalogue embraces all the plants which have been observed within thirty miles of the city, yet our herborizations have been mostly confined to its immediate vicinity. The island of New-York has been pretty well explored, particularly the woods from Manhattanville to Bloomingdale, the banks of the Hudson, and the low grounds near Greenwich. The woods within a few miles of Brooklyn, and the sea shore about Bath, have been frequently examined. Few places have afforded us more plants, than the vicinity of Hoboken and Weehawk, and the neighboring marshes. Many excursions have been made to these pla-

† Hex. 2. vol. 5. p. 123—131.

‡ Vol. 2. p. 134—142.

ces, but much remains to be discovered. The cedar swamp, near New-Durham, is particularly deserving of notice. This is a sphagnum morass, of about three quarters of a mile in length, and between two and three hundred yards wide, and is entirely overgrown with the *cupressus thuyoides* or white cedar, and other evergreens.—Many of our most rare and interesting plants were obtained in this place, as our catalogue bears evidence.

Staten-Island has not been often visited, though there is reason to expect much from the peculiar soil which predominates over a considerable part of it. A great portion of the sea shore has not been explored with that attention which it deserves; and the productions of the sea itself have been, as yet, almost entirely neglected.

Perhaps there is no region more interesting to the botanist nor to the geologist than that which surrounds the city of New-York. The four great formations of Werner occur in our immediate vicinity, and the soil and situation are greatly diversified. Our proximity to the ocean also gives us the advantage of studying those plants which are never found far from the sea shore.

In the lower orders of the class Cryptogamia, we have not been able to do much, owing to the extreme difficulty of obtaining proper books relating to this branch of botany. We have therefore only inserted such species as are satisfactorily ascertained, reserving the rest until some future time, when it is expected this class will be greatly augmented.

Those plants which are not properly natives, but have been introduced or naturalized among us, are distinguished by this mark §.

LYCEUM, December 22, 1817.

## AUTHORITIES.

*The following are the principal Works used in compiling this Catalogue :*

- Willdenow.* Species Plantarum. 1797—1806.  
*Persoon.* Synopsis Plantarum. 1805—7.  
—— Synopsis Methodica Fungorum. 1801.  
*Michaux.* Flora Boreali Americana. 1803.  
*Michaux, fil.* Arbres forrestieres de l'Amerique Septentrionale.  
1811.  
*Pursh.* Flora Americae Septentrionalis. 1814.  
*Muhlenberg.* Catalogus Plantarum Americae Septentrionalis. ed.  
2. 1818.  
—— Descriptio Ueberior Graminum et Plantarum Calamariarum Americae Septentrionalis. 1817.  
*Walter.* Flora Caroliniana. 1788.  
*Decandolle.* Species Plantarum. 1818.  
*Bigelow.* Florula Bostoniensis. 1814.  
*Elliott.* A Sketch of the Botany of South-Carolina and Georgia. 1817.  
*Nuttall.* Genera of American Plants. 1818.  
*Eaton.* Manual of Botany. 1818.  
*Barton.* Compendium Florae Philadelphicae. 1818.  
*Röemer & Schultes.* Systema Vegetabilium. vol. 1 & 2. 1817.  
*Acharius.* Lichenographia Universalis. 1810.  
—— Synopsis Methodica Lichenum. 1814.  
*Palisot Beauvois.* Prodrome des 5-eme et 6-eme familles de l'Æthogamie. 1805.

## ABBREVIATIONS.

<i>Ait.</i>	Aiton.	<i>Muhl.</i>	Muhlenberg.
<i>Bart.</i>	Barton.	<i>Murr.</i>	Murray.
<i>Big.</i>	Bigelow.	<i>Nutt.</i>	Nuttall.
<i>Br.</i>	R. Brown.	<i>P. de B.</i>	Palisot de Beauvois.
<i>Curt.</i>	Curtis.	<i>Pers.</i>	Persoon.
<i>Desf.</i>	Desfontaines.	<i>Poir.</i>	Poiret.
<i>D. C.</i>	Decandolle.	<i>Ph.</i>	Pursh.
<i>Eat.</i>	Eaton.	<i>Raf.</i>	Rafinesque.
<i>Ed.</i>	Eddy.	<i>R. &amp; S.</i>	Roemer & Shultes.
<i>Ehrh.</i>	Ehrhart.	<i>Rich.</i>	Richard.
<i>Ell.</i>	Elliott.	<i>Sals.</i>	Salisbury.
<i>Gron.</i>	Gronovius.	<i>Schr.</i>	Schkuhr.
<i>l'Her.</i>	l'Heritier.	<i>Schreb.</i>	Schreber.
<i>Hoff.</i>	Hoffman.	<i>Sibth.</i>	Sibthorp.
<i>Jacq.</i>	Jacquin.	<i>Sm.</i>	Smith.
<i>Juss.</i>	Jussieu.	<i>Spreng.</i>	Sprengel.
<i>Lamb.</i>	Lambert.	<i>Sw.</i>	Swartz.
<i>L. C.</i>	Le Conte.	<i>Tourn.</i>	Tournefort.
<i>L.</i>	Linnaeus.	<i>Turt.</i>	Turton.
<i>Lmk.</i>	Lamarck.	<i>Vent.</i>	Ventenat.
<i>Mich.-Mx.</i>	Michaux.	<i>Walt.</i>	Walter.
<i>Mich. f.</i>	Michaux filius.	<i>Wang.</i>	Wangenheim.
<i>Moench.</i>	Moenchausen.	<i>Willd.</i>	Willdenow.

§ Plants which have been introduced, or naturalized.

⊙ Annuals.

♁ Biennials.

⊔ Perennials.

½ Shrubs or Trees.

v. v. Signifies that the plant has been seen in a living state.

v. s. A dried specimen.

N. J. New-Jersey. N. Y. New-York. L. I. Long-Island.



## CATALOGUE

OF THE

## PLANTS OF NEW-YORK.

## MONANDRIA.

## MONOGYNIA.

1. **SALICORNIA.** L. *Glass-wort. Samphire.*  
 1 herbacea. L. (*common.*) In salt marshes. ☉. Aug.—Sept.  
 var. *ramis simplicibus.* (S. *Virginica.* L.) with the former.  
 2 ambigua. Mx. New-York. (Muhl.) *Long-branch.* New-Jersey. Cooper. ♀. Sept.

## DIGYNIA.

2. **CALLITRICHE.** L. *Water-Chickweed.*  
 1 heterophylla. Ph.  
   verna. Muhl.  
   aquatica. Big.  
 Floating in stagnant waters and ditches. ☉. May—Aug.  
 2 autumnalis. Loesel.  
   linearis. Ph.  
 Found with the former. Greenwich. ☉. Aug.—Sept.  
 3 terrestris. Muhl.  
   brevifolia. Ph.  
 On the muddy banks of the Passaic. New-Jersey. ☉.  
 3. **BLITUM.** L. *Strawberry Spinach.*  
 1 capitatum. L. In fields. New-York. ☉. June. ♂?  
 2 maritimum. Nutt. Gen.  
   Amer. Pl. Sup.  
 In salt-marshes, on Long-Island, near New-York. Nuttall.  
 Hoboken. T. ♀? Sept.  
 4. **CINNA.** L.  
   arundinacea. L.  
   Agrostis Cinna. Turt. et Ph.  
 Moist shady woods and swamps. Weehawk and Bloomingdale. ♀. Aug. Sept.

## DIANDRIA.

## MONOGYNIA.

5. **LIGUSTRUM. L.** *Privet. Prim.*  
*vulgare. L.*  
 In hedges and copses. Perhaps introduced.  $\frac{1}{2}$ . May. white.
6. **CIRCAEA. L.** *Enchanter's Night-shade.*  
*Lutetiana. var. canadensis. Ph.*  
*Canadensis. Muhl.*  
 Moist shady places.  $\frac{1}{2}$ . July—Aug. white or pale pink.
7. **CALLISTACHIA. Raf.** *Culver's Physic.*  
*Virginica. Raf.*  
*Veronica Virginica. L.*  
*Leptandra Virginica. Nutt.*  
 In hilly woods. New-Jersey, and on Long-Island.  $\frac{1}{2}$ . July—Aug. white.
8. **VERONICA. L.** *Speedwell.*  
 1 *officinalis. L.* In woods and wet sandy places.  $\frac{1}{2}$ . June—July. blue.  
 2 *serpillifolia. L.*  
 3 *Anagallis. L.* Creeks and ditches. New-York.  $\frac{1}{2}$ . June—Aug. blue.  
 4 *scutellata. L.* In swamps and wet places near streams.  $\frac{1}{2}$ . May—July. blue.  
 5 *agrestis. L.* Gravelly fields. ☺. May.  $\frac{1}{2}$  blue.  
 6 *arvensis. L.* On dry hills. ☺. April—Aug. blue.  $\frac{1}{2}$ .  
 7 *hederaefolia. L.* Among the shady rocks on the hills about Hoboken. ☺. April 1—June. blue.  
 8 *peregrina. Sm.*  
*Marylandica. Murr.*  
*Caroliniana. Walt.*  
 In wet sandy meadows. ☺. May—July. white.
9. **GRATIOLA. L.** *Hedge Hyssop.*  
 1 *aurea. Muhl. (Golden-Pert.)* In sandy woods in moist places. New-Jersey. Long-Island, &c.  $\frac{1}{2}$ . Aug. yellow.  
 2 *Virginica. L.*  
*officinalis. Mx.*  
*B. Caroliniensis. Pers.*  
 In inundated and moist places. (rare.)  $\frac{1}{2}$ . Aug.  
 3 *neglecta. Sp. nov.* In similar situations. (common.) July—Aug.  $\frac{1}{2}$ . white and yellow.
10. **LINDERNIA. L.**  
 1 *attenuata. Muhl.—Ell.*  
*Pyxidaria. Ph.*  
*Gratiola anagallidea. Mx.*  
*inequalis. Walt.*  
 Low wet places, near Greenwich, and in New-Jersey. ☺. July—Sept. blue.

- 2 dilatata. Muhl.—Ell. Along with the preceding. Greenwich. ☉. July—Sept.
11. UTRICULARIA. L. *Hooded Milfoil.*  
 1 macrorhiza. LC.  
 vulgaris. Ph. et Big. non L.  
 In ponds, three miles from Brooklyn, L. I. ♀. Aug. yellow.  
 2 ceratophylla. Mx. In stagnant waters. New-Jersey.  
*Eddy.* ♀. July. yellow.  
 3 setacea. Mx. In ponds and overflowed places in the pine  
 barrens of New-Jersey. ♀. June—Aug. yellow.  
 4 striata. LC. M. S. With the preceding. ♀. June. yellow.  
 5 purpurea. Walt.  
 saccata. LC.  
 In ponds on Schooley's mountain. LC. Aug. purple.
12. CATALPA. Juss. *Indian Bean. Catalpa.*  
 cordifolia. Ell.  
 syringaefolia. Sims.  
 Bignonia Catalpa. L.  
 Introduced from the southern states. ♀. July. Aug. varie-  
 gated.
13. LYCOPUS. L. *Water Horehound.*  
 1 Europaeus. L.—Mx.  
 vulgaris. Pers.  
 Americanus. Muhl?  
 In wet shady places. New-York. ♀. July—Aug. white.  
 2 Virginicus. L. In low wet places. ♀. Aug. white.
14. MONARDA. L. *Mountain-balm.*  
 1 fistulosa. Willd. In woods. N. J. ♀. July—Aug. pale red.  
 2 allophylla. Mx.  
 oblongata. Ait.  
 mollis. Willd?  
 On rocky hills. ♀. Aug.—Sept.
15. SALVIA. L. *Sage.*  
 lyrata. L. In sandy fields. New-Jersey. *Eddy.* ♀. May.  
 June. blue.
16. COLLINSONIA. L. *Horse-weed. Richweed.*  
 Canadensis. L. In woods and among rocks. ♀. Aug. yel.
17. FRAXINUS. L. ♀. *Ash.*  
 1 sambucifolia. Willd. (*black.*) In moist woods. May.  
 2 discolor. Mx. f. (*White Ash.*) In woods. N. Jersey. May.  
 3 concolor. Mx. f. (*Green Ash. White Ash.*)  
 acuminata. Lmk.  
 In woods. New-York and New-Jersey.  
 4 platycarpa. Vahl. On the Island of New-York. LeConte.

## DIGYNIA.

18. ANTHOXANTHUM. L. *Vernal Grass.*  
 odoratum. L. (*sweet scented.*) In meadows and woods.  
 ♀. May—July,

## TRIANDRIA.

## MONOGYNIA.

19. **FEDIA.** Gaert. *Lamb's Lettuce.*  
*radiata.* Mx.  
*Valeriana radiata.* Pers.  
 In fields. ☉. May—June.
20. **SISYRINCHIUM.** L.  
*anceps.* Lmk. (*Blue-eyed grass.*)  
*gramineum.* Curt.  
 In wet pastures. ♀. May—June. blue.
21. **IRIS.** L. *Flower-de-luce. Blue flag.*  
 1 *Virginica.* L.  
*hexagona.* Walt.  
 Springy grounds, near creeks. ♀. June—July. blue.  
 2 *versicolor.* L. Wet meadows. Bergen, N. J. ♀. June. blue.  
 3 *prismatica.* Ph.  
*gracilis.* Big.  
 In meadows near Hackensack. ♀. June. blue.
22. **HETERANTHERA.** Beauv.  
 1 *graminea.* Vahl.  
*Leptanthus gramineus.* Mx.  
*Commelina dubia.* Jacq.  
*Schollera graminifolia.* Muhl.  
 Whippany Creek, near Morristown, N. J. *Dr. Eddy.* Fish-kill Creek. *Knevels.* ♀. Aug. yellow.  
 2 *reniformis.* Muhl. Cat.  
*acuta.* Vahl.  
*Leptanthus reniformis.* Mich.  
*Virginica.* Pers.  
*Peruviana.* Pers.  
 In the Passaic river, near Fairfield. ♀. v. v. s. fl.
23. **XYRIS.** L. *Yellow-eyed Grass.*  
*Jupicai.* Mx.  
*Caroliniana.* Walt.  
 In meadows. New-Jersey. *Eddy.* ♀. Aug.
24. **SCHOENUS.** L. *Bog-rush.*  
 1 *albus.* L.  
*Rhynchospora alba.* Vahl.  
 In boggy meadows. ♀. July—Sept.  
 2 *glomeratus.* L.—Muhl. Gram.  
*R. glomerata.* Vahl.  
 In wet meadows and swamps. ♀. July—Sept.  
 3 *setaceus.* Muhl. Gram. In swamps. ♀. July.
25. **CYPERUS.** L. *Galingale.*  
 1 *parviflorus.* Muhl. Gram. In muddy places, on the banks of creeks. N. J. ♀. Aug.  
 2 *tenuis.* Vahl. In swamps. ♀. Aug.—Sept.  
 3 *strigosus.* L. In overflowed meadows. ♀. Aug.

- 4 *flavescens*. L. Borders of salt-marshes and in bog-meadows. ♀. Aug.—Sept.
- 5 *diaandrus*. *Sp. nov.* In salt-marshes. Hoboken. Sept.
- 6 *repens*. Ell? On the sandy beech about Bath. Long-Island. ♀ Aug.
- 7 *erythrorhizos*. Muhl. In wet meadows. common. ☉? Aug.
- 8 *poaeformis*. Ph. In brackish meadows. Long-Island. Sept.
- 9 *caespitosus*. *Sp. nov.* In the salt-marshes about Greenwich and Hoboken. ♀. Aug. Sept.
- 10 *Brizaeus*. Rich. In wet meadows. Aug.
26. **DULICHIMUM**. Rich.  
*spathaceum*. Rich.  
*Canadense*. Rich.  
*Cyperus spathaceus*. Willd.  
*Scirpus spathaceus*. Mx.  
*Schoenus spathaceus*. L.  
 In swamps near salt water. Greenwich and New-Jersey. ♀. Aug.—Sept.
27. **SCIRPUS**. L. *Club-rush*.  
 1 *tenuis*. Willd. Enum. Low places, overflowed by salt-water. ♀ June—July.  
 2 *palustris*. L.  
*Eleocharis palustris*. R. Brown.  
 Borders of marshes and ponds. ♀. June.  
 3 *capitatus*. L.  
*Eleocharis capitata*. R. Brown.  
 In similar situations. ♀. July—Aug.  
 4 *trichodes*. Muhl. In water on the edges of ponds. June.  
 5 *intermedius*. Muhl. Gram. In swamps. New-Jersey. ♀. Sept. *Near S. multicaulis*. Sm.  
 6 *capillaceus*. Mx.—Ell.  
*pusillus*. Vahl.  
 In salt-marshes, very small, and grows in patches like moss. ☉? July—Aug.  
 7 *capillaris*. Muhl. Gram. In sandy fields about Hoboken. ☉. July.  
 8 *lacustris*. L. Muhl. (*Bullrush*.) In ponds and marshes. ♀. June.  
 9 *acutus*. Muhl. Gram. Borders of ponds, in shady places. ♀. June—July.  
 10 *debilis*. Ph. non Muhl. In similar situations. N. J. ♀. July.  
 11 *spadiceus*. L. Muhl.  
*Fimbristylis spadiceus*. Vahl.  
 In salt-marshes, near Hoboken. ♀ Aug. Sept.  
 12 *autumnalis*. Muhl.  
*mucronulatus*. Mx. R. & S.  
*Fimbristylis autumnalis*. R. & S.  
 In swamps. N. Jersey. ☉. Aug.—Oct.  
 13 *atrovirens*. Muhl. Gram. In wet meadows and swamps. ♀. June.

- 14 *macrostachyos*. Muhl. Gram.  
*robustus*. Ph.  
*maritimus*. Mx. Ell. In salt-marshes. 2. July—Aug.
- 15 *Americanus*. Pers.  
*triqueter*. Mx. Muhl. Gram. In salt-marshes. 2. July—Aug.
28. **MARISCUS**. Vahl.  
 1 *retrofractus*. Vahl.  
*Scirpus retrofractus*. Muhl. In wet meadows. 2. Aug.  
 2 *echinatus*. Ell.  
*ovularis*. Vahl.—Enum. R. & S.  
*Scirpus echinatus*. Muhl. Gram.—L?  
*Kyllingea ovularis*. Mx.  
 In wet meadows and borders of swamps. Bloomingdale, &c.  
 2. Aug.  
 3 *cyperiformis*.  
*glomeratus*. Bart. Fl. Philad.  
*umbellatus*. Ph. non Vahl.  
*Scirpus cyperiformis*. Muhl. Gram.  
 var. *capitulo globoso*.  
*Cyperus Kyllingaeoides*. Ph.  
*Scirpus lupulinus*. Spr.  
 On dry hills, and in arid sandy soils. N. York, N. Jersey,  
 &c. 2. July. Sept.
29. **ERIOPHORUM**. L. *Cotton-grass*.  
 1 *polystachyon*. L.  
*vulgare*. Pers.  
*angustifolium*.  
*B. polystachyum*. R. & S.  
 In bog-meadows. Long-Island, &c. Aug.  
 2 *angustifolium*. L. In the cedar swamp. New-Durham.  
 2. July.  
 3 *Virginicum*. L. In bog-meadows. 2. July.
50. **TRICHOPHORUM**. Pers.  
*cyperinum*. Pers.  
*Scirpus Eriophorum*. Mx.  
*Eriophorum cyperinum*. L.  
 In swamps near salt-water. 2. Aug.
31. **CENCHRUS**. L. *Hedge-Hog-grass*.  
 1 *tribuloides*. L. On the sea-shore, and the gravelly banks  
 of the Hudson, near the city. 2. Aug.  
 2 *echinatus*. Schreb. Gram. t. 23. f. 1. Muhl. Gram.  
 On Long-Island, near the city. *Eddy*. v. s. in *Herb. Edd.*
32. **SPARTINA**. Schreb. *Limnetis*. Rich. *Trachynotia*. Mich.  
 1 *juncea*. Muhl.—Ell.  
*Trachynotia juncea*. Mx.  
*Limnetis juncea*. Pers.  
*Dactylis cynosuroides*. Walt.  
 In salt-marshes and on gravelly shores, near the salt-water.  
 2. Aug.

- 2 polystachya. Muhl.  
 Limnetis polstachya et cynosuroides. Pers.  
 Trachynotia polystachya et cynosuroides. Mx.  
 On the sea-coast about S. Hook, and in Newark meadows.  
 3 glabra. Muhl. In salt-marshes and on the banks of rivers. ♀. Aug.—Sept.  
 4 pumila. Roth. Near N. York. Roth. Perhaps a variety of the preceding.

DIGYNIA.

33. { MUHLENBERGIA. Schreb.  
 { DILEPYRUM. Mich.  
 diffusa. Schreb.  
 Dilepyrum minutiflorum. Mich.  
 On the high rocky hills about Weehawk, and at Patterson falls. ♀. Sept.
34. TRICHODIUM. Mich. *Thin-grass.*  
 1 laxiflorum. Mx. In woods and meadows. ♀. Aug.  
 2 scabrum. Muhl.  
 Agrostis scabra. Willd.  
 In meadows. ♀. Aug.
35. { LEERSIA. Swartz. *Cut-grass. Rice-grass.*  
 { ASPRELLA. Lmk.  
 1 Oryzoides. Sw.  
 Asprella Oryzoides. Lmk.  
 Phalaris Oryzoides. L.  
 In stagnant waters and wet meadows. ♀. Aug.—Sept.  
 2 Virginica. Willd.  
 Asprella Virginica. R. & S.  
 In wet woods. Bloomingdale, &c. ♀. Aug.—Sept.
36. MILIUM. L. *Millet-grass.*  
 amphicarpon. Ph.  
 ciliatum. Muhl.  
 In Monmouth county, New-Jersey. v. s. ☉? Sept. *An  
 revera Milium?*
37. AGROSTIS. L. *Bent-grass.*  
 1 stricta. Willd. On rocks. Bloomingdale. ♀. July.  
 2 alba. L.—Muhl. In fields and meadows. ♀. July.  
 3 Vulgaris. Sm. (*Red-top.*) In fields and meadows. ♀. June  
 —Aug. ♂.  
 4 Mexicana. Muhl. Gram.  
 lateriflora. Mx.  
 In wet meadows. New Jersey. ♀. July.  
 5 Compressa. *Sp. nov.* In sandy pine woods. New-Jersey. Goldy. ♀. Oct.  
 6 Virginica. Muhl. Gram. non A. pungens. Pers.  
 Crypsis Virginica? Nutt. Gen. Amer. Pl. 1 p. 49.  
 Sandy fields about Greenwich; also in N. Jersey. ♀. Sept.  
 7 involuta. Muhl. Gram. Borders of fields about Harsimus. N. J. ♀. Sept.

- 8 sobolifera. Muhl. Gram. On rocks in Bloomingdale woods. ♀. Aug.
- 9 diffusa. Muhl. Gram. On the hills near Hoboken. N. Jersey. ♀. Aug.
38. **POLYPOGON.** Desf.  
 glomeratus. Willd. R. & S.  
 setosus. Spreng. R. & S.  
 racemosus. Nutt.  
 Agrostis setosa. Muhl. Gram.  
 racemosa. Mich.  
 In Hackensack meadows. ♀. Aug.—Sept.
39. **AIRA.** L. *Hair-grass.*  
 1 mollis. Muhl. Gram. In dry woods. ♀. May—July.  
 2 truncata. Muhl. Gram.  
 Pennsylvanica. Spreng.  
 obtusata. Mx.  
 Airopsis obtusata. Desf. R. & S.  
 Koeleria Pennsylvanica. Decand. R. & S.  
 Holcus striatus. L. ?  
 In rocky woods. Hoboken. ♀. June.  
 3 melicoides. Mx.  
 triflorum. Ell.  
 Poa melicoides. Nutt.  
 Graphephorum melicoides. P. de B.  
 With the preceding species. ♀. June.  
 4 pallens. Muhl. var. aristata.  
 Avena palustris. Mich.  
 In wet meadows. New-Jersey. ♀. June.  
 5 caespitosa. L. In woods near South-Amboy. ♀. June.
40. **URALEPSIS.** Nuttall.  
 aristulata. N.  
 Aira purpurea. Muhl. Gram. non Walt.  
 On the gravelly banks of the Hudson, and on the sea coast of Long-Island. ☺. Aug.—Sept.
41. **HOLCUS.** L. *Soft-grass.*  
 1 lanatus. L. In meadows. ♀. May—July. § ?  
 2 fragrans. Willd. (*Seneca-grass.*)  
 odoratus. Mx.  
 Hierochloa fragrans. R. & S.  
 In meadows near Greenwich. ♀. May 2d.—June.
42. **PHALARIS.** L. *Canary-grass.*  
 1 Americana. Ell.  
 arundinacea. Mx.—Muhl.  
 Calamagrostis colorata. Nutt.—Sibth ?  
 In bog meadows. New-Jersey. ♀. Aug.  
 2 maritima. Nutt.  
 Arundo arenaria. L.  
 Psamma arenaria. R. & S.  
 Common on the sandy sea coast near New-York. ♀. Aug.—Sept.



43. **PHLEUM.** L. *Cat's-tail-grass.*  
 pratense. L. (*Timothy-grass.*) In meadows and pas-  
 tures. ♀. June—Aug. §.
44. **ALOPECURUS.** L. *Fox-tail-grass.*  
 1 pratensis. L. In low meadows. ♀. June.—Sept. § ?  
 2 geniculatus. Muhl. Gram.  
 aristulatus. Mx. Nutt.  
 In ditches and over-flowed meadows. ♀. June.
45. **PANICUM.** L. *Panic-grass.*  
 1 glaucum. L.  
 Setaria glauca. R. & S.  
 In fields and cultivated grounds. ☉. July—Aug. § ?  
 2 viride. L. (*Bottle Grass.*)  
 Setaria viridis. R. & S.  
 In similar situations. ☉. July—Aug. §.  
 3 Italicum. L.  
 Setaria Italica. R. & S.  
 In ditches and wet meadows. ☉. Aug. §.  
 4 Crus galli. L. (*Barn Grass.*)  
 Echinochloa Crus galli. R. & S.  
 In ditches and in cultivated grounds. ☉. Aug.  
 var. muticum. Grows with the preceding.  
 5 hispidum. Muhl. Gram.  
 Walteri. Ph. non Muhl.  
 muricatum. Mx.  
 Crus galli. var. hispid. Ell.  
 Setaria muricata. R. et S.  
 Echinochloa echinata. R. et S.  
 Borders of salt-marshes. Hoboken. ♀. ? Sept. Oct.  
 6 latifolium. L. In woods and shady places. ♀. June—  
 July.  
 7 clandestinum. L. In similar situations. ♀. July.  
 8 microcarpon. Muhl. Gram. Moist shady grounds. ♀.  
 Aug.  
 9 dichotomum. L. et Muhl.  
 ramulosum. Mx.  
 In dry woods and shady places. ♀. July—Sept.  
 10 pubescens. Muhl.—Ell. In moist shady situations. ♀.  
 July—Aug.  
 11 nervosum. Muhl. Gram. In wet meadows. Greenwich.  
 ♀. Aug.  
 12 macrocarpon. LC. In moist shady situations. ♀. July.  
 13 agrostoides. Muhl. Gram. In wet meadows. ♀. Aug.—  
 Sept.  
 14 virgatum. L. Borders of salt-marshes, and banks of riv-  
 ers. ♀. Aug.—Sept.  
 15 geniculatum. Muhl. Gram.  
 dichotimiflorum. Mx.  
 proliferum. Lnk. ?  
 In salt-marshes. Hoboken. ♀. Sept.

- 16 capillare. L. In sandy fields and cultivated grounds.  
 ☉. Aug.  
 var? sylvaticum. In woods. ☉. Aug.
- 17 nitidum. Lmk. In moist and shady situations. Woods.  
 June—July.
- 18 umbrosum. LC. In woods. Bloomingdale. July.
- 19 angustifolium. LC. In Newark meadows.
- 20 verrucosum. Muhl. Gram. In sandy soil. *Long Branch*.  
 Cooper. Aug.
46. DIGITARIA. Haller. *Crab-grass*.  
 1 sanguinalis. H.—Muhl.  
 Panicum sanguinale.  
 In sandy and uncultivated fields. ☉. July: Sept. §. ?  
 2 filiformis. Muhl.  
 Paspalus filiformis. Flugg. R. & S.  
 On dry hills. Bloomingdale, &c. ☉. July—Sept.  
 3? paspalodes. Mx.  
 Ischaemum. Muhl. Gram.  
 Paspalus Digitaria. Poir. Enc.  
 In sandy fields. ☉. Aug.—Sept.
47. CYNODON. Rich. *Bermuda-grass*.  
 Dactylon. R.  
 Digitaria Dactylon. Muhl.  
 Panicum Dactylon. L.  
 In cultivated grounds. Long-Island. *Eddy*. 2. July. §.
48. PASPALUM. L.  
 ciliatifolium. Mx. In sandy, barren soils. New-Jersey.  
 Sept.
49. DACTYLIS. L. *Cock's-foot-grass*.  
 glomerata. L. (*Orchard-grass*.) In meadows. 2. July. §.
50. ELEUSINE. Gaert. *Dog's-tail-grass*.  
 Indica. Mx. (*Wire-grass*.)  
 Cynosurus Indica. L.  
 In cultivated grounds, road sides, &c. common in the streets  
 of New-York. 2. Aug.—Sept.
51. POA. *Meadow-grass*.  
 1 annua. L. Fields and road sides. ☉. April. Oct.  
 2 brevifolia. Muhl. Gram. In dry woods. 2. June.  
 3 viridis. Muhl. Gram. In woods. 2. June—Aug.  
 4 nervata. Muhl. Gram.—Willd.  
 striata. Mx.  
 lineata. Pers.  
 In ditches and overflowed meadows. 2. June—July.  
 5 pectinacea. Mx.  
 tenella. Ell. Sk. et Ph.  
 pilosa. Muhl. Gram.  
 In meadows near Elgin garden, and on the rocks at Patter-  
 son falls. ☉. Sept.  
 6 reptans. Mx.  
 Megastachya reptans. P. de B.  
 In a deep swamp behind Elgin garden. ☉. Aug.

- 7 *trivialis*. L. In meadows and pastures.—common. 24.  
June—Aug. §.
- 8 *pratensis*. L. In similar situations. 24. June—Aug. §.
- 9 *compressa*. L. (*Blue-grass*.) In wood, and shady situations. 24. June—July.
- 10 *capillaris*. L. Dry stony woods. ☉. Aug.
- 11 *hirsuta*. Mx. On Long-Island near New-York. *Eddy*.  
v. s. in Herb. *Eddy*.
- 12 *spectabilis*. Ph.  
*Megastachya spectabilis*. R. & S.  
On the sandy beech near Bath. Long-Island. 24. Aug.—cal.  
6-14.—fl.
- 13 *palustris*. Muhl. Gram.  
*crocea*. Mx.  
In overflowed meadows. New-Jersey. 24. June.
- 14 *obtusata*. Muhl. Gram. In swamps. New-Jersey. *Eddy*.  
v. s. in Herb. Ed.
52. WINDSORIA. Nutt.  
1 *poaeformis*. N.  
*Tridens quinquefida*. R. & S.  
*Poa seleroides*. Mx.  
*quinquefida*. Ph.  
*flava*. L.  
Borders of fields about Harsimus. New-Jersey. 24. Sept.
- 2 *pallida*. *Sp. nov.* In a swamp behind Elgin garden.  
New-York. 24. July.
53. BRIZA. L. *Quaking-grass*.  
1 *Canadensis*. Mx.  
*Megastachya Canadensis*. R. & S.  
In wet meadows. Greenwich. 24. July. *diandra*.
- 2 *eragrostis*. Schreb.  
*Poa megastachya*. Koeler.  
*Megastachya Eragrostis*. P. de B.  
In sandy fields. Greenwich. ☉. Aug.
54. UNIOLA. L. *Spike-grass*.  
1 *spicata*. L.  
*distichophylla*. R. & S.  
*Festuca distichophylla*. Mx.  
In salt-meadows and on the sea shore. 24. Aug.—Oct.
- 2 *gracilis*. Mich.-Ph. excl.  
syn. Willd.  
Dried-up swamps. Longbranch. New-Jersey. *Cooper*. Aug.
55. FESTUCA. L. *Fescue-grass*.  
1 *tenella*. Willd.  
*Schenodorus tenellus*. R. & S.  
In sandy fields, and on rocks. ☉. June—July.
- 2 *duriuscula*. L. In pastures. 24. June—Aug. §.
- 3 *elatior*. L.  
*Schenodorus elatior*. R. & S.  
In wet meadows. 24. June—July.
- 4 *fluitans*. Schreb.—L.

*Poa. fluitans.* Sm.

In ditches and overflowed grounds. 24. June—July.

5 *nutans.* Willd. On rocky shady hills. Hoboken, &c. 24.  
June—July.

56. *BROMUS.* L. *Brome-grass.*

1 *secalinus.* L. (*Chess or Cheat.*) In grain fields. ☉.  
July—Aug. §.

2 *purgans.* L. Fields and road sides. 24. July. §?

3 *mollis.* L. In fields and pastures. July.

4 *pubescens.* Muhl. Gram. In woods. 24. June—July.

5 *ciliatus.* L.

*Canadensis.* Mx.

In moist rocky situations. 24. July.

57. *ARISTIDA.* L.

1 *dichotoma.* Mx.

*Curtopogon dichotomum.* P. de B.

In gravelly fields and on rocks. 24. Sept.

2 *racemosa.* Muhl. Gram. Sandy fields. Long-Island and  
Staten-Island.—Sept.

58. *STIPA.* L.

*Feather-grass.*

*avenacea.* L. Walt.

*barbata.* Mx.

*Virginica.* Pers.

In sandy pine woods near South-Amboy. N. Jersey. 24. June.

59. *ARUNDO.* L.

*Reed-grass.*

1 *Phragmites.* L. About Elizabethtown and on Coney  
Island. 24. July.

2 *agrostoides.* Ph.

*Agrostis?* *glauca.* Muhl. Gram.

In swamps. New-Jersey. Ed. v. s. in *Herb. Edd.*

60. *AVENA.* L.

*Oat-grass.*

*Pennsylvanica.* L.

*Trisetum Pennsylvanicum.* P. de B.

In woods among rocks. 24. July.

61. *DANTHONIA.* Decand.

*spicata.* Nutt.

*Avena spicata.* L. Muhl.

In dry open woods. 24. July.

62. *ANDROPOGON.* L.

*Beard-grass.*

1 *purpurascens.* Muhl. Gram.

*scoparius.* Mx.

*Pollinia scoparia.* Spreng.

Dry barren soils. 24. Aug.

2 *Virginicus.* Muhl. Gram.

*argenteus.* Ell.

*Anatherum Virginicum.* Spreng. (*Broom-grass.*)

In exsiccated swamps. 24. Sept.

3 *nutans.* L.—Muhl. Gram.

*avenaceus.* Mx.

In arid soils. 24. Sept.

4 *macrourus.* Mx. In swamps. New-Jersey. 24. Sept.

- 5 furcatus. L. Muhl. Gram. In sandy fields. New-Jersey.  
 24. Sept.
63. ELYMUS. L. *Lyme-grass.*  
 1 Virginicus. L. On the banks of the Hudson near Green-  
 wick. 24. July.  
 2 striatus. L. (*Wild Rye.*) Rocky hills. Hoboken. 24.  
 July.  
 3 glaucifolius. Willd. On the rocky shore at Hoboken. 24.  
 Aug.  
 4 Hystrix. L. On the rocky hills near Hoboken. 24. July  
 —Aug.
64. TRITICUM. L. *Wheat.*  
 repens. L. (*Couch-grass.*) In meadows and grass  
 plots. 8. June—Aug.  
 var. aristata. Grows in similar situations, but is much  
 more common.
65. LOLIUM. L. *Darnel.*  
 perenne. L. (*Rye-grass.*) On the banks of the Hud-  
 son. rare. 24. June.

## TRIGYNIA.

66. PROSERPINACA. L.  
 palustris. L. In ditches, &c. Bloomingdale. 24. July—  
 Aug.
67. MOLLUGO. L. *Indian Chickweed.*  
 verticillata. (*Carpet Weed.*) In sandy fields and culti-  
 vated grounds. 24. July—September. white.
68. QUERIA. L. *Forked Chickweed.*  
 Canadensis. L.  
 Anychia dichotoma. Mx.  
 On rocks, and in dry woods. 24. June—Aug.
69. LECHEA. L. *Pin-weed.*  
 1 major. L. On dry rocky hills. 24. Aug.  
 2 minor. L. On sandy hills, and on rocks. 24. July—Sept.  
 3 racemulosa. Mx. In similar situations. 24. Aug.  
 4 thymifolia. Mx? Ph. On Long Island, near the sea shore.  
*Dr. Townsend.*



## TETRANDRIA.

## MONOGYNIA.

70. CEPHALANTHUS. L. *Button-bush.*  
 occidentalis. L. In swamps, and on the banks of creeks  
 and ditches. 24. July—Aug. white.
71. DIPSACUS. L. *Teazel.*  
 sylvestris. L. (*Wild.*) In uncultivated fields. 8. July.  
 blue. 8.

72. SPERMACEOE. *Button-weed.*  
 diodina. Mx. Near Patterson Falls. N. J. Eddy. v. s.
73. PLANTAGO. L. *Plantain.*  
 1 cordata. Lmk.  
 Kentuckensis. Mx.  
 In a swamp near Clark's woods, 3 miles from the city. 2. June.  
 2 major. L. (*common.*) In fields, gardens, &c. 2. July  
 —Aug. ♂?  
 3 Virginica. L. On dry hills. 2. April—July.  
 4 lanceolata. L. (*Rib-wort.*) In pastures and on road  
 sides. 2. May—Sept.  
 5 maritima. L? In salt marshes. 2. Aug.
74. SANGUISORBA. L. *Burnet Saxifrage.*  
 Canadensis. L. In bog-meadows. New-Jersey. 2. Aug.  
 —Oct. white.
75. { CENTAURELLA. Mich.  
 { CENTAURIUM. Pers.  
 { BARTONIA. Muhl.  
 { ANDREWSIA. Spreng.  
 paniculata. Mx.  
 autumnalis. Ph.  
 Centaurium autumnale. Pers.  
 Sagina Virginica. Willd.  
 Bartonia tenella. Muhl.—Pers.  
 paniculata. Muhl.—Eat.  
 Andrewsia paniculata. Bart. Fl. Philad.  
 In bog meadows, and sphagnous swamps. N. Jersey and  
 N. York. August. white. It is very often one-flowered.
76. HOUSTONIA. L. *Venus's Pride.*  
 1 caerulea. L.  
 Linnei. Mx.  
 In moist rocky situations. New-Jersey. 2. May—June.  
 blue.  
 2 purpurea. L.  
 varians. Mx.  
 In woods. New-Jersey. 2. June. purple.
77. MITCHELLA. L. *Partridge-berry.*  
 repens. L. In woods about the roots of trees. 2. June.  
 white.
78. GALIUM. L. *Ladie's bed-straw. Cleavers.*  
 1 tinctorium. L. In wet meadows and swamps. rare. 2.  
 July—Aug. white.  
 2 asprellum. Mx. In similar situations. Hoboken. July.  
 white.  
 3 tufidum. Willd.  
 Claytoni. Mx.  
 In wet shady places. 2. June—Septem. white.  
 4 aparine. L. In woods among rocks. 2. May—July. white.  
 5 micranthum. Ph. On the sides of rocky hills. rare. June.  
 white.

On the barren hills about Kingsbridge. New-York. 24. July  
—Aug. white.

6 triflorum. Mx. In similar situations. Hoboken and New-York. 24. July—Sept.

7 pilosum. Willd. With the preceding. 24. July—Oct. purple.

8 circaezans. Mx.  
brachiatum. Muhl.

In dry woods, and on rocks. 24. July. white or purple.  
var ? lanceolatum. *foliis lanceolatis, &c.* With preceding.

9 strictum. Eddy.  
boreale. Ph. non Willd.

In pine barrens. New-York and N. Jersey. Ed. 24. Aug.  
white.

79. CORNUS. L. *Dog-wood.*

1 Canadensis. L. In the cedar swamp. New-Durham. N. Jersey. 24. June—July. white.

2 florida. L. (*common.*) In woods. 2. May—June. white.

3 sericea. Willd. (*Swamp Dog-wood. Red-willow.*)  
lanuginosa. Mx.

In wet woods and swamps. 2. May—June. white.

4 circinata. PHer.  
tomentulosa. Mx.

In woods. Generally in rocky situations. N. J. 2. June—  
white.

5 stricta. PHer.  
fastigiata. Mx.

In wet woods. 24. July. white.

6 alba. Willd.  
stolonifera. Mx ?

Woods near Hoboken. 24. June. white. Berries white.

7 alternifolia. L. In woods. New-Jersey. About New-Durham. June. 2. white.

80. LUDWIGIA. L. *Bastard Loose-strife.*

1 macrocarpa. Mx.  
alternifolia. L.

In swamps. 24. July.—Aug. yellow.

2 palustris. Ell. (*Water Purslane.*)  
nitida. Mx.

Isnardia palustris. L.

Floating in ponds and ditches, on wet ground. 2. Aug.—  
Sept.

81. AMMANNIA. L.

ramosior. Mx. ? On the muddy banks of creeks, in  
Hackensack meadows. Aug. purple.

82. POTHOS. L.

foetida. Mx. (*Skunk Cabbage. Clumpfoot Cabbage.*)

Dracontium foetidum. L.

Symplocarpus foetida. Salisb.

In wet boggy meadows. 24. March 20.—May.

## PENTANDRIA. MONOGYNIA.

## DIGYNIA.

83. **HAMAMELIS.** L. *Witch Hazel.*  
*Virginica.* L. In woods. ♀. Sept.—Oct. yellow.

## TETRAGYNIA.

84. **ILEX.** L. *Holly.*  
*opaca.* Ait. On Long Island near Plandome. (*Dr. Mitchill.*) ♀. June.
85. **POTAMOGETON.** L. *Pond-weed.*  
 1 *perfoliatum.* L. In ponds and creeks. ♀. Aug.  
 2 *fluitans.* L. In similar situations. ♀. July—Aug.  
 3 *natans.* L. In creeks. N. Jersey & L. Island. July—Aug.  
 4 *lucens.* Mx. In creeks. ♀. July—Aug.  
 5 *pauciflorum.* Ph.  
*gramineum.* Mx.  
 In the Passaic river and elsewhere. ♀.  
 6 *heterophyllum.* Willd.  
*porcatum.* Muhl. (Bart.)  
 In ponds and deep stagnant waters. ♀. Aug.
86. **RUPPIA.** L. *Sea-tassel-grass.*  
*maritima.* L. In shallow salt water bays. ♀.



## PENTANDRIA.

## MONOGYNIA.

87. **MYOSOTIS.** L. *Scorpion-grass. Mouse-ear.*  
 1 *palustris.* Roth.  
*scorpioides.* Willd. ?  
 In ditches and slow flowing creeks. ♀. May—Oct. blue.  
 2 *arvensis.* L.  
*Lithospermum tenellum.* Raf. (*Forget-me-not.*)  
 In open woods, and wet meadows. ♂. May—June. white.  
 3 *Virginiana.* L. On hills. Near Hoboken. ♂. July—  
 Aug. white.  
 4 *Lappula.* L. Road sides, and in old fields. ♂. May—  
 Oct. blue. §?
88. **LITHOSPERMUM.** L. *Gromwell.*  
*arvense.* L. In neglected fields. ♂. May—July. white. §.
89. **CYNOGLOSSUM.** L. *Hound's-tongue.*  
 1 *officinale.* L. Road sides. ♀. ♂. May—July. blue. §.  
 2 *virginianum.* L.  
*amplexicaule.* Mx.  
 On the sides of shady rocky hills. ♀. June. pale blue.
90. **ONOSMODIUM.** Mich.  
*hispidum.* Mx.  
*Lithospermum Virginianum.* L.  
*Purshia hispida.* Spreng. Bart. Fl. Phil.



On the barren hills about Kingsbridge, New-York.  $\frac{1}{2}$ . July—Aug. white.

91. **ECHIMUM.** L. *Viper's bugloss.*  
vulgare. L. (*Blue-thistle.*) On road sides. New-Jersey.  
 $\frac{1}{2}$ . July—Oct. purple.
92. **HYDROPHYLLUM.** L. *Water-leaf.*  
Virginicum. L. Rocky shady hills. New-Jersey.  $\frac{1}{4}$ . June  
—July. white.
93. **MENYANTHES.** L. *Buck-bean.*  
trifoliata. L. (*Marsh trefoil.*) In bogs and on the borders  
of ponds.  $\frac{1}{4}$ . June. white.
94. **VILLARSIA.** Gmelin.  
trachysperma. Ell.  
lucunosa. Vent.  
Menyanthes trachysperma. Mx.  
In ponds. Long-Island and N. Jersey. *Eddy.*  $\frac{1}{4}$ . Aug. white.
95. **SAMOLUS.** L. *Brook-weed. Water-pimpernel.*  
Valerandi. L. On the borders of salt marshes.  $\odot$ . June  
—Oct. white.
96. **ANAGALLIS.** L. *Pimpernel.*  
arvensis. L. (*Poor man's weather-glass.*) In dry fields  
and on road sides.  $\odot$ . June—Sept. red.
97. **LYSIMACHIA.** L. *Loose-strife.*  
1 racemosa. Mx.  
stricta. Ait.  
bulbifera. Curt. Mag.  
In swamps.  $\frac{1}{4}$ . July—Aug. yellow.  
2 capitata. Ph.  
thyrsiflora. Mx.  
In salt marshes near New-York. (Pursh.) In the cedar  
swamp at New-Durham. N. J.  $\frac{1}{4}$ . June. yellow.  
3 quadrifolia. L.  
hirsuta. Mx. Ell.  
In meadows.  $\frac{1}{4}$ . June—July. yellow.  
4 ciliata. Mx. In moist places along hedges.  $\frac{1}{4}$ . July—  
Aug. yellow.  
5 hybrida. Mx. In Newark meadows, &c.  $\frac{1}{4}$ . July. yellow.
98. **DIAPENSIA.** L.  
barbulata. Ell.  
cuneifolia. Ph.  
Pyxidantha barbulata. Mx.  
In sandy pine woods. New-Jersey.  $\frac{1}{2}$ . May. white.
99. **CONVOLVULUS.** L. *Bind-weed.*  
1 repens. L. Mx.  
Calystegia Sepium. Ph.  
In hedges, in moist situations.  $\frac{1}{4}$ . July. white and red.  
2 sagittifolius. Mx.  
speciosus. Walt. Muhl.  
On the island of New-York. *LeConte.*  
3 panduratus. L. (*Mechoacanna. Wild-potatoe. Man of the  
earth.*) On the island of New-York, near Kingsbridge.  
*Cooper.*  $\frac{1}{4}$ . July. white.

- 4 stans. Mx. Borders of woods, &c. 2. June. white.
100. PHLOX. L.  
 setacea. L. (*Mountain pink.*) On hills, in rocky situations. N. Jersey 2. May. blue.
101. CAMPANULA. L. *Bell-flower.*  
 1 rotundifolia. L. ? On the banks of rivulets among rocks. 2. June—Sept. blue.  
 2 amplexicaulis. Mx.  
 perfoliata. L.  
 In fields and on the sides of hills. ☉. May—Aug. blue.  
 3 aparinoides. Ph.  
 erinoides. Muhl.—Ell.  
 flexuosa. Mx. ?  
 aspera. Donn. (Muhl.)  
 In wet meadows. N. J. near Elizabethtown. Dr. Eddy. ☉.  
 July—Aug. pale blue.
102. THESIMUM. L. *Bastard toad-flax.*  
 umbellatum. L.  
 corymbulosum. Mx.  
 Comandra umbellata. Nutt.  
 On rocks and barren hills. 2. July—Aug. white.
103. AZALEA. L. *Dwarf, or upright honey-suckle.*  
 1 viscosa. L. In woods. 2. June—July. white.  
 2 nudiflora. L.  
 periclemynoides. Mx. (*Pinxter-bloom.*)  
 In woods, and on rocky hills. 2. May—July. red.
104. LONICERA. L. *Woodbine. Honey-suckle.*  
 1 parviflora. Lmk. Pers.  
 dioica et media. L.  
 Caprifolium bracteosum. Mx.  
 parviflorum. Ph.  
 In shady places near creeks. Haerlem. 2. June. yellow.  
 2 grata. Ait.  
 Caprifolium gratum. Ph.  
 In the cedar swamp at New-Durham. N. Jersey. 2.
105. DIERVILLA. Tourn.  
 lutea. Ph.  
 Tournefortii. Mx.  
 humilis. Pers.  
 Canadensis. Muhl.—Ell.  
 Lonicera Diervilla. L.  
 In rocky woods. Bloomingdale, &c. 2. June—July. yellow.
106. TRIOSTEUM. L. *Fever-root.*  
 perfoliatum. L. (*Gentian.*)  
 Majus. Mx.  
 On hills near Hoboken. Woods, Long-Island. 2. June. purple.
107. VERBASCUM. L. *Mullein.*  
 1 Thapsus. L. (*Shepherd's staff.*) On road sides and in old fields. 2. July—Sept. yellow. §?  
 2 Blattaria. L. (*Moth-mullein.*) In fields, &c. 2. July—Sept. yellow. §?

var. alba. With the former. white.

108. **DATURA**. L. *Thorn-apple. Stink-weed.*  
**Stramonium**. L. Among rubbish and on road sides. ☉.  
 June—Oct. white.  
 var. Tatula.  
**D. Tatula**. L.  
 With the former. white.
109. **HYOSCYAMUS**. L. *Henbane.*  
 niger. L. (Common.) Road sides, &c. near Westchester.  
 ☉. July—Aug. yellow.
110. **PHYSALIS**. L. *Ground-cherry. Winter-cherry.*  
 1 **Pennsylvanica**. L. In woods. Bloomingdale and Hoboken. ♀. July. yellowish.  
 2 **viscosa?** L. In woods and sandy fields. ♀. Aug. yellowish.
111. **SOLANUM**. L. *Night-shade.*  
 1 **Dulcamara**. L. (*Bitter-sweet.*) In hedges. ♀. June—Sept. blue. ♂.  
 2 **alatum**. LC.  
**nigrum**. var. **virginicum**. L.  
 In fields. Greenwich. ☉. June—Oct. white.
112. **RHAMNUS**. L. *Buck-thorn.*  
 franguloides. Mx.  
 alnifolius. Willd.  
 On woody hills. New-Jersey. ♀. June. green.
113. **CELASTRUS**. L. *Staff-tree. Bitter-sweet. Wax-work.*  
 scandens. L. Climbing in woods. ♀. June. white.
114. **EVONYMUS**. L. *Spindle-tree.*  
 Americanus. Willd. (*Burning-bush. Strawberry-tree.*)  
 In woods. New-Jersey. ♀. June. purple.
115. **CEANOTHUS**. L. *New-Jersey-tea.*  
 Americanus. L. (*Red-root.*) In woods and copses. ♀.  
 July. white.
116. **AMPELOPSIS**. Mx. *False-grape. Creeper.*  
 quinquefolia. Mx.  
 Cissus hederacea. Pers.  
 Hedera quinquefolia. L.  
 Vitis quinquefolia. Lmk.  
 hederacea. Willd.  
 Climbing in woods, or creeping on rocks. ♀. July—Aug. greenish.
117. **VITIS**. L. *Vine. Grape.*  
 1 **Labrusca**. L. (*Fox-grape.*) In woods and hedges. ♀.  
 June. greenish.  
 2 **vulpina**. L. (*Winter-grape.*)  
 cordifolia. Mx.  
 In woods. ♀. June. greenish. berries green.  
 3 **riparia**. Mx.  
 odoratissima. Donn.  
 On the island of New-York. *LeConte.*

- 4 *aestivalis*. Mx. (*Summer-grape*)  
*intermedia*. Muhl. Cat.  
 In woods and hedges.  $\frac{1}{2}$ . June—July. greenish. berries  
 purple.
118. **RIBES**. L. *Currant. Gooseberry.*  
*recurvatum*. Mx.—Ph.  
*floridum*. L.  
*Pennsylvanicum*. Lmk.  
 In woods, and moist shady places.  $\frac{1}{2}$ . May. pale yellow.
119. **CLAYTONIA**. L.  
*Virginica*. L. In woods and moist shady places.  $\frac{1}{4}$ . April  
 —June. white and pink.
120. **VIOLA**. *Violet.*  
 1 *palmata*. L. In meadows and woods.  $\frac{1}{4}$ . May. blue.  
 2 *pedata*. L. In woods and among rocks.  $\frac{1}{4}$ . May—  
 June. blue.  
 3 *sagittata*. Ait. Hills, among rocks.  $\frac{1}{4}$ . May—June.  
 4 *lanceolata*. L. Wet meadows and borders of ponds.  
 May—Nov. white.  
 5 *blanda*. Willd. In bog meadows and in woods.  $\frac{1}{4}$ . May  
 —June. white.  
 6 *ovata*. Nutt.  
*primulifolia*. Ph.  
 On dry hills.  $\frac{1}{4}$ . May. blue.  
 7 *primulifolia*. L. In meadows and along ditches.  $\frac{1}{4}$ .  
 May. white.  
 8 *cucullata*. L. In fields and open woods.  $\frac{1}{4}$ . April—  
 Oct. blue.  
 9 *Canadensis*. L. Shady woods.  $\frac{1}{4}$ . July. blue.  
 10 *uliginosa*. Muhl.  
*striata*. Ph.?  
 Moist shady places. Hills near Hoboken. *Cooper*.  $\frac{1}{4}$ . June.  
 blue.  
 11 *pubescens*. Ait.  
*Pennsylvanica*. Mx.  
 Shady woods and on the sides of hills. April—May. yellow.  
 12 *bicolor*. Ph.  
*tenella*. Muhl. Cat. (Raf.)  
*arvensis*. Ell.  
 On the rocky hills near Bergen. *Knevels*. Woods near Wee-  
 hawk. ☉. May. white or pale blue. Frequently apetalous.
121. **IMPATIENS**. L. *Jewel-weed. Touch-me-not. Balsam.*  
 1 *pallida*. Nutt.  
*nolitangere*. L.?  
*aurea*. Muhl. Cat.?  
 Wet shady places. ☉. July—Sept. orange-spotted.  
 2 *fulva*. Nutt.  
*biflora*. Walt.  
*maculata*. Muhl. Cat.  
*Nolitangere*. B. Mx.  
 In similar situations. ☉. July. orange.

## 122. LOBELIA. L.

- 1 Kalmii. L. On the island of New-York. *LeConte*.  
 2 pallida. Muhl. In damp woods. Long-Island, three miles from Brooklyn. ☉. July—August. pale blue.  
 3 Claytoniana. Mx. On the hills at Weehawk, &c. ☉. July—Aug. pale blue.  
 4 inflata. L. (*Indian tobacco*.) In fields and pastures. 2. July—Sept.  
 5 cardinalis. L. (*Cardinal flower*.) Wet meadows and shady thickets. 2. July—Sept. scarlet.  
 6 siphilitica. L. In wet boggy meadows. New-York. 2. Aug.—Sept. blue.

## 123. SABBATIA. Adanson.

- 1 gracilis. Salisb.

Chironia campanulata. L.

gracilis. Mx.

In wet meadows. New-York. ♂. Aug. red.

- 2 stellaris. Ph.

gracilis. Ell.

In salt marshes and on the sea coast. 2? Aug.—Oct. rose-coloured.

- 3 angularis. Ph. (*American centaury*.)

Chironia angularis. L.

In wet meadows. New-York and Long-Island. ☉. Aug. red.

- 4 chloroides. Ph.

Chironia chloroides. Mx.

Chlora dodecandra. L.

In Hackensack meadows. *Dr. Eddy*. v. s. 2. Aug. red.

- 5 paniculata. Ph.

Chironia paniculata. Mx.

Swertia difformis. L. (Ph.)

In bog meadows. 2. July. white.

## DIGYNIA.

## 124. APOCYNUM. L.

*Dog's bane.*

- 1 androsaemifolium. L. Br. Along hedges. Greenwich. 2. June—July. pale red.

- 2 pubescens. Br. (*Indian hemp*.)

cannabinum. Mx. Ph.

Borders of fields. Brooklyn, &c. Long-Island. 2. June—Aug. greenish.

- 3 cannabinum. Ell. Br.?

hypericifolium. Ait.

On the banks of the Hudson, near Manhattanville. 2. July. greenish.

125. ASCLEPIAS. L. *Swallow-wort. Silk-weed. Milk-weed.*

- 1 Syriaca. L. (*Silk-plant*.) Fields and moist meadows. 2. July—Aug. purple.

- 2 phytolaccoides. Lyon. Ph.

exaltata. Muhl. Cat. (Bart.)

acuminata. Muhl. Cat. (Bart.)

In meadows. New-Jersey. *Eddy*. v. s. 24. July.

3 variegata. Walt. L.

hybrida. Mx.

In the woods at Bloomingdale. 24. July. white.

4 amoena. L. In meadows. New-Jersey. July. purple.

5 incarnata. L.

1. var. pulchra.

2. var. glabra.

*A. bombazina*. Whitlow.

In swamps and on river banks. 24. July—Aug. purple.

6 purpurascens. L. In low wet places. 24. July. purple.

7 quadrifolia. Jacq. (Ph.) In rocky woods. 24. June—  
July. white. pale red.

8 tuberosa. L. (*Butterfly-flower*.)

decumbens. Walt. L.

In fields and woods. 24. Aug. orange.

9 verticillata. L. On the rocks at Passaic falls. 24. July.  
white.

126. GENTIANA. L. *Gentian*.

1 Saponaria. L.—Ph. *excl. syn.* Walt. In meadows. Man-  
hattanville. 24. Sept.—Oct. blue.

2 ochroleuca. Willd.

saponaria. Mx.

In fields. New-Jersey and Long-Island. *Eddy*. 24. Aug.  
—Sept. yellowish.

3 angustifolia. Mx. In the pine barrens of New-Jersey.  
24. Oct. blue.

4 crinita. Willd.

fimbriata. Andr. Bot. Rep.

In low meadows. New-York. Toteway mountains. New-  
Jersey. 24. Sept.—Oct. blue.

5 quinqueflora. Willd.

quinquefolia. L.

Amarylloides. Mx.

In woods near Elizabethtown, New-Jersey. *Eddy*. 24. Aug.  
blue.

127. CUSCUTA. L. *Dodder*.

Americana. Willd. Twining round stems of plants, in  
wet grounds. ☉. July—Sept. yellow.

128. HEUCHERA. L. *False sanicle*.

Americana. Murr. (*Alum-root*.)

Cortusa. Mx.

viscida. Ph.

Shady rocky situations. 24. June—July. red.

129. CHENOPODIUM. L. *Goose foot*.

1 album. L. (*Lamb's quarters*.) In fields and cultiva-  
ted grounds. ☉. June—Oct. green.

var. viride. (*C. viride*. L.) In similar situations, ☉.  
June—Oct.

- 2 *Botrys*. L. (*Jerusalem oak*.) In sandy fields. ☉. July—Sept.
- 3 *anthelminticum*. L. (*Wormseed*.) In sandy fields. ☉. Aug.
- 4 *ambrosioides*. Willd. Fields and road sides. ☉. Aug.—Oct.
130. *ATRIPLEX*. L. *Orache*.
- 1 *hortensis*. L. In cultivated grounds. ☉. Aug.
- 2 *laciniata*. L. On the sea coast, and in salt marshes. ☉. Aug.—Sept.
- 3 *arenaria*. Nutt.  
*patula*. Muhl. Cat. ?
- On the sandy shores near New-York. ☉. Aug.—Oct.
131. *SALSOLA*. L. *Salt-wort*.
- 1 *Caroliniana*. Mx.  
Kali B. *Caroliniana*. Nutt.
- In gravelly waste places in the city of New-York, and on the shores of the harbor. ☉. July—Sept.
- 2 *salsa* B? *Americana*. Pers.  
*salsa*. Mx. Nutt.  
*Chenopodium maritimum*. Ph. ?
- In salt marshes near Brooklyn. Aug.—Sept.
132. *ULMUS*. L. *Elm*.
- 1 *fulva*. Mx. (*Slippery elm*.)  
*aspera*. Muhl.  
*rubra*. Mx. f.
- On the rocky hills near Hoboken. ♀. April.
- 2 *Americana*. Mx. In woods, &c. ♀. April.
133. *CELTIS*. L.  
*occidentalis*. L. (*Beaver-wood*. *Hoop ash*.) In rocky woods. ♀. May. white.
134. *PANAX*. L. *Ginseng*.
- 1 *trifolium*. L. In moist shady woods. ♀. April—May. white.
- 2 *quinquefolium*. L. (*Ginseng*.) Opposite Fort Montgomery, on the Hudson. ♀. July. greenish.
135. *HYDROCOTYLE*. L. *Penny-wort*. *Water navel-wort*.  
*Americana*. L. In wet places, near springs, and in woods. ♀. June—Aug.
136. *SANICULA*. L. *Sanicle*.  
*Marylandica*. L. (*Black snake root*.) In woods, &c. ♂. June—Aug. greenish.
137. *DAUCUS*. L. *Carrot*.  
*Carota*. L. (*Wild carrot*.) In old fields. ♂. June—Aug. white. §.
138. *AMMI*. L. Spreng. *Bishop's weed*.  
*capillaceum*. Mx.  
*majus*. Walt. ?
- In bog meadows near the salt water. ☉ ? July—Oct. white.
139. *CONIUM*. L. *Hemlock*.  
*maculatum*. L. (*Cicuta*.) On road sides. Long-Island. ♂. July. white. §.

140. **ERYNGIUM. L.** *Eryngo. Sea holly.*  
 Virginianum. Lmk.  
 aquaticum. Mx.  
 Borders of the salt meadows at Hoboken. ♂.
141. **HERACLEUM. L.** *Cow parsnep.*  
 lanatum. Mx. Borders of salt marshes. Hoboken. ♀.  
 July. white.
142. **ANGELICA. L. Spreng.**  
 1 triquinata. Mx.  
 Ferrula Canadensis. L.  
 villosa. Ph.  
 In dry woods and on the sides of hills. ♀. July—Aug. white.  
 2 atropurpurea. L.? (*Common angelica.*)  
 triquinata. Big.  
 In wet meadows. Hoboken. ♀. June. greenish-white.
143. **SIUM. L.** *Water parsnep.*  
 1 latifolium. L. In wet meadows and marshes, about Hoboken. ♀. July—Sept. white.  
 2 lineare. Mx. In similar situations. New-Durham. ♀.  
 Aug.—Sept. white.
144. **MYRRHIS. Tourn. Spreng.**  
 Canadensis. Nutt.  
 Sison Canadense. L.  
 Chaerophyllum Canadense. Pers.  
 In shady rocky woods. ♀. June. white.
145. { **URASPERMUM. Nutt.**  
 { **MYRRHIS. Mich.**  
 Claytoni. Nutt. Mx. (*Sweet cicely.*)  
 Chaerophyllum Claytoni. Pers.  
 Myrrhis dulcis. Eaton.  
 Scandix dulcis. Muhl. Cat.  
 On rocky woody hills. ♀. May. white.
146. **CHAEROPHYLLUM. L. Spreng.** *Wild chervil.*  
 procumbens. L.  
 Scandix procumbens. Muhl. Cat.  
 On the hills near Hoboken. ☉. June. white.
147. **CENANTHE. L. Spreng.** *Water dropwort.*  
 rigida. Nutt.  
 Sium rigidius. L.  
 Sison marginatum. Mx.  
 In swamps. Fairfield. New-Jersey. ♀. Sept. white.
148. **CICUTA. L.** *Water hemlock. Cowbane.*  
 1 bulbifera. L. Borders of the salt-meadows. Hoboken.  
 ♀. Aug. white.  
 2 maculata. L. (*Poison hemlock.*) Wet meadows, and  
 swamps. ♀. July—Aug. white.
149. **PASTINACA. L.** *Parsnep.*  
 sativa. L. (*Common.*) In fields and waste places. ♂.  
 July—Sept. yellow. §.
150. **SMYRNIUM. L. Spreng.** *Alexanders.*  
 1 cordatum. Walt. Mx.



trifoliatum. Muhl. Cat.

Thapsia trifolia. L.

On the hills near Hoboken. ♀. May—July. yellow.

2 intergerrimum. L. Fields and meadows. New-Jersey.  
♀. June. yellow.

151. THASPIUM. Nutt.

aureum. Nutt.

Smyrnium aureum. L.

On rocky hills. ♀. June. yellow.

### TRIGYNIA.

152. RHUS. L. *Sumach.*

1 typhinum. L. (*Stag's horn.*) In rocky hilly situations.  
♂. June. greenish.

2 glabrum. L. (*Common.*) In hedges, thickets, &c. ♂.  
July. greenish.

3 copallinum. L. (*Mountain sumach.*) In dry woods. ♂.  
July. greenish.

4 vernix. L. (*Swamp sumach. Poison elder.*) Swamps  
and wet woods. ♂. June. greenish.

5 Toxicodendron. L. (*Poison oak.*) In woods. ♂. June  
—July.

B. radicans.—vulgare. Mx.

R. radicans. L.

Climbing on trees, in woods. ♂. June. greenish.

153. VIBURNUM. L.

1 prunifolium. L. (*Black haw.*) In woods and hedges.  
♂. May—June. white.

2 Lentago. L. In woods. N. Jersey. ♂. May. white.

3 nudum. L. In swamps. ♂. June. white.

4 dentatum. L. (*Arrow wood.*) In woods and along  
ditches. ♂. June—July. white.

5 pubescens. Ph.

V. dentatum, pubescens. Ait.

On rocky hills. ♂. June—July. white.

6 acerifolium. Willd. In woods and copses. ♂. May—  
June.

7 Lantanoides. Mx. (*Hobble bush.*) Rocky woods. Man-  
hattanville, &c. ♂. June. white.

154. SAMBUCUS. L.

*Elder.*

Canadensis. L. In hedges and swamps. ♂. May—Ju-  
ly. white.

155. STAPHYLEA. L.

*Bladder nut.*

trifolia. L. In rocky shady woods. ♂. May—June.  
white.

156. SAROTHTA. Lmk.

*Nit-weed.*

Gentianoides. L. (*Ground pine.*)

Hypericoides. Nutt.

Hypericum Sarothra. Mx.

In dry sandy fields. ☉. June—Aug. yellow.

## HEXANDRIA. MONOGYNIA.

## TETRAGYNIA.

157. PARNASSIA. L. *Grass of Parnassus.*  
 Caroliniana. Mx.  
 Americana. Muhl. Cat.  
 In wet boggy woods. 2f. Aug. white.

## PENTAGYNIA.

158. ARALIA. L.  
 1 racemosa. L. (*Spikenard.*) In shady woods. Long-  
 Island, &c. 2f. July—Aug. white.  
 2 nudicaulis. L. (*Wild sarsaparilla.*) In rich soils among  
 rocks. 2f. May—July. greenish.
159. STATICE. L. *Marsh rosemary. Thrift.*  
 Limonium. L. ?  
 Caroliniana. Ph.—Walt. ?  
 In salt marshes, and on rocky shores. 2f. Aug.—Oct. blue.
160. LINUM. L. *Flax.*  
 Virginianum. L. On rocky hills. ☉. July—Aug.  
 yellow.
161. DROSERA. L. *Sun-dew.*  
 1 rotundifolia. L. In the cedar swamps at New-Durham,  
 among sphagnum. 2f. (☉. Ell.) July—Aug. white.  
 2 longifolia. L.  
 Americana. Muhl.  
 Grows in company with the preceding species, but is much  
 more rare. 2f. It has not been observed in flower.  
 3 filiformis. Raf. in Med. Rep. 1809. vol. 2. p.—First dis-  
 covered by Mr. Rafinesque on the sea shore of New-  
 Jersey. It is common on the head waters of all the  
 small rivers which arise in the pine barrens of New-  
 Jersey, and empty into the Atlantic. *D. filiformis. Ph.*  
 and *tennifolia*, of Muhl.



## HEXANDRIA.

## MONOGYNIA.

162. PONTEDERIA. L. *Pickerel weed.*  
 cordata. L. In creeks and ponds. New-Jersey and Long-  
 Island. 2f. Aug.—Sept. blue.
163. ALLIUM. L. *Onion. Garlick, &c.*  
 1 vineale. L. Meadows and brook sides. 2f. July. purple. ☉ ?  
 2 Canadense. L. (*Wild garlick.*) In fields and mead-  
 ows. 2f. July—Sept. pink.
164. LILIUM. L. *Lily.*  
 1 Philadelphicum. L. (*Red lily.*) In shady woods.  
 Bloomingdale. 2f. June—July. orange.

- 2 Canadense. L. In the meadows about Hoboken. 2. June—July. orange.
- 3 superbum. L. (*Turk's cap.*) In wet meadows, and swamps. 2. June—July. orange spotted with red.
165. UVULARIA. L. *Bell-wort.*
- 1 perfoliata. L. In moist shady places. 2. May—June. yellowish.
- 2 sessilifolia. L. In similar situations. 2. May—June. yellowish.
166. ERYTHRONIUM. L. *Dog's-tooth violet.*  
 Americanum. Smith. Cyclop. (*Adder's tongue.*)  
 longifolium. Poir.  
 lanceolatum. Ph.  
 Dens Canis. Mx.  
 In woods and wet shady grounds. 2. April—May. yellow.
167. HYPOXIS. L. *Star-grass.*  
 erecta. L.  
 Caroliniana. Mx.  
 graminea. Ph.  
 In open woods and in meadows. 2. May—Oct. yellow.
168. ORNITHOGALUM. L. *Star of Bethlehem.*  
 umbellatum. L. In wet meadows. 2. May. white. §.
169. NARTHECIUM. L.  
 Americanum. Ker.  
 Phalangium ossifragum. Muhl.  
 In bogs of the pine barrens of N. Jersey. Ed. 2. July—Aug. yellow.
170. ASPARAGUS. L.  
 officinalis. L. On sandy shores. 2. June. yellow. §.
171. SMILACINA. Desf.  
 1 bifolia. D.  
 Canadensis. Ph.  
 Convallaria bifolia. L. Mx.  
 In wet meadows and woods. 2. May—June. white.
- 2 stellata. Desf.  
 Convallaria stellata. L.  
 In wet meadows. 2. May—June. white.
- 3 racemosa. Desf. On rocks and in woods. 2. May—June. white.
172. POLYGONATUM. Desf. *Solomon's seal.*  
 1 multiflorum. D.  
 Convallaria multiflora. L.  
 On dry rocky hills. 2. June—July. yellowish-white.
- 2 pubescens. Ph.  
 Convallaria pubescens. Willd. Enum.  
 On rocks. Common. 2. June—July. greenish-white.
- 3 canaliculata. Ph.  
 Convallaria canaliculata. Willd.  
 polygonatum. Muhl. Cat.  
 On the island of New-York. *Le Conte.*
173. ALETIS. L. *Blazing star. Colic root.*  
 alba. Mx.

farinosa. L.

In woods and meadows. New-York, and New-Jersey. 2½.  
July. white.

175. ORONTIUM. L.

*Floating arum.*

aquaticum. L. In creeks and swamps. Bergen, &c. N.  
Jersey. May. 2½. yellow.

var. angustifolium. Ph. In salt-marshes near N. York.

176. ACORUS. L.

*Sweet flag. Calamus.*

Calamus. L. In pools and borders of ponds. 2½. June.

177. JUNCUS. L.

*Rush.*

1 effusus. (*Bog or Bulrush.*) Low wet grounds. 2½.  
June—Aug.

2 aristatus. Mx.

marginatus. Muhl. Gram.

Meadows. Greenwich. 2½. June. *J. marginatus.* Roth. ?

3 acuminatus. Mx.

sylvaticus. Muhl. Gram. non Willd.

Borders of salt marshes. 2½. Aug.

4 bulbosus. Muhl. Gram.

dichotomus. Ell. Sk ?

In salt marshes. Greenwich, &c. 2½. July.

5 nodosus. Roth.—Muhl. Gram. In swamps. 2½. June.

6 polycephalus,

*A. crassifolius.* Mx.

nodosus,

*B. polycephalus.* Pers.

echinatus. var. 1. Muhl. Gram. non. Ell. Sk.

In overflowed boggy meadows. 2½. Aug.

7 tenuis. Roth. Muhl. Gram.

bicornis. Mx.

In low situations, in stiff soils—sometimes in very dry places.  
2½. June—July.

8 bufonius. L. Borders of salt marshes, in water. 2½.  
July—Aug.

178. LUZULA. Willd. Enum.

campestris. W.

*Juncus campestris.* Auct.

In meadows and woods. 2½. April—May.

179. CAULOPHYLLUM. Mich.

*Popposse-root.*

thalictroides. Mx.

*Leontice thalictroides.* L.

In shady, rocky situations. 2½. May—June. yellowish-green.

180. BERBERIS. L.

*Barberry bush.*

Canadensis. Ph.

communis. var. Canadensis. Auct.

On hills near New-York. Clark's woods. ½. May—  
June. yellow.

181. PRINOS. L.

*Winterberry.*

1 verticillatus. L.

Gronovii. Mx.

Wet shady woods and in swamps. ½. June—July. greenish-  
white.

- 2 glaber. L. (*Ink berry. Evergreen winterberry.*) In the cedar swamps at New-Durham. ♀. June—July. greenish-white.  
 3 ambiguus. Mx. In the same place. ♀. June. white.

TRIGYNIA.

182. RUMEX. L. *Dock.*  
 1 sanguineus. L. Meadows and pastures. ♀. July.  
 2 Britanicus. L. Wet meadows. ♀. July—Aug.  
 3 crispus. L. In wet meadows. ♀. June. ♂.  
 4 obtusifolius. L. In meadows and woods. ♀. May—Aug. ♂.  
 5 Acetosella. L. (*Sheep-sorrel.*) In dry fields, and on the sides of hills, &c.  
 183. TRIGLOCHIN. L. *Sea arrow-grass.*  
 maritimum. L. In salt marshes. Greenwich and elsewhere. ♀. Aug.  
 184. MELANTHIUM. L. *Black flower.*  
 Virginicum. Willd.  
 Helonias Virginica. Bot. Mag.  
 In bog meadows. Near Elizabethtown, New-Jersey. *Ed- dy.* ♀. Aug. white, becoming brown.  
 185. HELONIAS. L.  
 dioica. Ph. (*Unicorn's horn. star-wort.*)  
 Veratrum luteum. L.  
 In bog-meadows. New-Jersey. ♀. June. white.  
 186. XEROPHYLLUM. Mx.  
 setifolium. Mx.  
 Helonias asphodeloides. L.  
 Sandy pine woods of New-Jersey. ♀. June. white.  
 187. GYROMIA. Nutt. *Cucumber-root. Indian cucumber.*  
 Virginica. N.  
 Medeola Virginica. L.  
 Borders of woods, in rich soil. Bloomingdale, &c. ♀. May—June. yellow.  
 188. TRILLIUM. L. *Three-leaved nightshade.*  
 1 erythrocarpum. Mx.  
 pictum. Ph.  
 undulatum. Willd.  
 In the cedar swamp at New-Durham. N. J. ♀. May. white.  
 2 erectum. Willd.  
 rhomboideum. Mx.  
 atropurpureum. Curt.  
 In rich soil, among shady rocks. N. J. ♀. May—June. purple.

POLYGYNIA.

189. ALISMA. L. *Water plantain.*  
 Plantago. L.—Mx.  
 trivalis. Ph.  
 In ditches and overflowed boggy meadows. ♀. July—Aug. white.

## OCTANDRIA. MONOGYNIA.

B. parviflora.

Alisma parviflora. Ph.

In similar situations, but more rare. 2. July. white.

## HEPTANDRIA.

## MONOGYNIA.

190. TRIENTALIS. L. Chick-weed. Winter green.

Europaea. L.

var. ? angustifolia.

Americana. Ph.

In the cedar swamp, near New-Durham. 2. May—June.  
white.

## TETRAGYNIA.

191. SAURURUS. L. Lizard's tail. Swamp lily.  
cernuus. L. In a swamp behind the Botanic Garden, and  
in the cedar swamps at New-Durham. 2. July—  
Sept. white.

## OCTANDRIA.

## MONOGYNIA.

192. RHEXIA. L. Deer-grass.  
Virginia. L. In wet meadows, in high grass. Bloom-  
ingdale and New-Utrecht. 2. July—Aug. purple.
193. ENOTHERA. L. Night willow-herb.  
1 biennis. L. (Scabish.) Fields and borders of woods.  
? June. Oct. yellow.  
2 parviflora. Willd. Woods. New-Jersey. New-York. Le  
Conte. 8. July. yellow.  
3 chrysantha. Mx. Flushing. Prince. 2. July. yellow.  
4 fruticosa. Willd. (Sun drops.) Old stony fields and  
on rocks. 2. June—July. yellow.
194. EPILOBIUM. L. Willowherb.  
1 lineare. Muhl.  
oliganthum. Mx.  
rosmarinifolium. Ph.  
squamatum. Nutt.  
In shady overflowed places. 2. Aug.—Sept. purple.  
2 coloratum. Muhl.  
laevigatum. Le Conte's Cat.  
tetragonum. Ph.  
Wet boggy meadows. Greenwich. 2. July—Aug. pur-  
ple.

195. ACER. L. *Maple.*  
 1 rubrum. L. (*Red or swamp maple.*) In woods. ½. April  
 12. red.  
 2 saccharinum. L. (*Sugar maple*) In woods. Bloom-  
 ingdale. ½. April. yellow.  
 3 nigrum. Mx. (*Black maple.*) Fishkill mountains. ½.  
 May. greenish.  
 4 striatum. Mx. (*Moose wood.*)  
 Pennsylvanicum. Willd.  
 Summit of the Fishkill mountains. ½. June. yellow.  
 5 montanum. Willd.  
 Pennsylvanicum. Wang.  
 spicatum. Lmk.  
 On the sides of high hills. New-Jersey. ½. May—July.  
 greenish-yellow.
196. DIRCA. L. *Leatherwood.*  
 palustris. L. Shady woods. New-Jersey. ½. April.  
 yellowish-white.
197. OXYCOCCUS. Pers. *Cranberry.*  
 1 macrocarpus. Pers. (*Common.*)  
 Vaccinium macrocarpon. Ait.  
 V. Oxycoccus.  
 B. oblongifolius. Mx.  
 Shrewsbury, N. Jersey. Long-Island. ½. June—July. red.  
 2 vulgaris. Ph.  
 Vaccinium oxycoccus, a. ovalifolius. Mx.  
 In the cedar swamps, New-Durham.

## TRIGYNIA.

198. POLYGONUM. L. *Knot grass. Water pepper, &c.*  
 1 aviculare. L. (*Knot grass.*) Fields, road sides and  
 cultivated grounds. ¼. May—Oct. white.  
 B. latifolium. Mx.  
 P. erectum. Willd.  
 With the former, very common.  
 2 tenue. Mx.  
 linifolium. Muhl. Cat.  
 On rocks in woods. Bloomingdale. ☉. Sept. white.  
 3 punctatum. Ell. (*Water pepper.*)  
 Hyropiper. Mx.  
 Hydropiperoides. Ph.  
 In ditches and overflowed grounds. ¼. Aug.—Oct. white.  
 4 mite. Pers.  
 Hydropiperoides. Mx.  
 In the cedar swamp at Weehawk. ☉ ? Sept. white.  
 5 Virginianum. L. Along ditches and in wet woods. ¼.  
 Aug.—Sept. white.  
 6 Pennsylvanicum. L. Borders of fields and banks of  
 ditches. ☉. July—Oct. pale red.  
 7 incarnatum. Ell.

## DECANDRIA. MONOGYNIA.

- Iapathifolium*. Ait.?  
 Borders of ponds. N. York. ☉. Aug. white.  
 8 *barbatum*. Willd. In swamps and ditches. ♀. Aug. white or red.  
 9 *Persicaria*. L. (*Black-heart. Ladies' thumb.*) In cultivated grounds. ♀. June—Oct. red.  
 10 *sagittatum*. L. Wet thickets. ☉. July—Aug. white.  
 11 *arifolium*. L. Wet thickets. ☉. July—Sept. pink.  
 12 *Convolvulus*. L. In sandy fields. ☉. July—Sept. white.  
 13 *scandens*. L. (*Climbing wild buckwheat.*) Hedges and thickets. ☉. Aug. white or pink.  
 14 *Fagopyrum*. L. (*Buckwheat.*) Naturalized about New-York. ☉. June—Sept. white.

---

 ENNEANDRIA.

## MONOGYNIA.

199. LAURUS. L. *Bay.*  
 1 *Benzoin*. L. (*Wild alspice. Fever bush.*)  
*Pseudo Benzoin*. Mx.  
 Woods and along creeks. ♀. April 19th. May. pale yellow.  
 2 *Sassifras*. L. (*Sassifras.*) Woods, hedges, and banks of rivers. ♀. May 4th.—June. yellow.

---

 DECANDRIA.

## MONOGYNIA.

200. BAPTISIA. Vent.  
*tinctoria*. Ell. (*Wild indigo.*)  
*Podalyria tinctoria*. Willd.  
*Sophora tinctoria*. Walt.  
 In open sandy woods. Long-Island. ♀. July—Sept. yellow.  
 201. CERCIS. L. (*Red bud. Judas'-tree.*)  
*Canadensis*. L. In woods. New-Jersey. ♀. May. bright purple.  
 202. CASSIA. L. *Wild pea, &c.*  
 1 *Marylandica*. L. (*Wild Senna.*) Wet meadows. Weehawk, and at Plandome, Long-Island July. yellow.  
 2 *Chamaecrista*. L. (*Partridge pea. Magoty bay-bean.*)  
 On the sides of hills. Hoboken and New-York. ☉. June—Aug. yellow.



- 3 nictitans. L. (*Sensitive pea.*) Sandy hills. Long-Island. ♀. July—Sept. yellow.
203. HYPOPITHYS. Dill. Nutt. *Pine-sap.*  
lanuginosa. Nutt.  
Monotropa lanuginosa. Mx.  
In woods. Long-Island. 2. July—Aug. pale brown.
204. MONOTROPA. L. *Bird's nest.*  
uniflora. L. (*Indian pipe.*)  
morisoniana. Big. Fl. Bost.  
In woods. Bloomingdale, and Long-Island near Brooklyn, May—June. It varies with upright, or drooping flowers. white.
205. KALMIA. L. *Laurel.*  
1 latifolia. L. (*Calico bush.*) On the hills from Manhattanville to Kingsbridge. 2. June—July. pink or white.  
2 angustifolia. L. (*Dwarf or sheep laurel. Kill-calf.*) In woods. Sometimes in swamps. New-Jersey. 2. June—July. red.
206. { LEIOPHYLLUM. Ell. *Sand myrtle,*  
{ AMMYRSINE. Ph.  
thymifolium. Ell.  
Ledum thymifolium. Lmk.  
buxifolium. Ait.  
Ammyrsine buxifolia. Ph.  
In the pine barrens of New-Jersey. 2. May—June. white.
207. RHODORA. L.  
Canadensis. L. In woods about Flushing. Long-Island. Prince. 2. red.
208. RHODODENDRON. L. *Rose bay. Mountain laurel.*  
maximum. L. (*Big laurel.*) In the cedar swamp at Weehawk, and on Staten-Island. 2. June—July. red.
209. VACCINIUM. L. *Whortleberry or Huckleberry.*  
1 stamineum. L. (*Deer-berry.*) In dry stony woods. N. York and N. Jersey. 2. May—June. white.  
2 frondosum L. (*Blue-berry.*)  
glaucum. Mx.  
In swamps and woods. 2. June. white and pink.  
3 dumosum. Curt. Mag. (*Blue tangles.*)  
frondosum. Mx.  
In shady woods. 2. June. white.  
4 resinum. L. (*Black whortleberry.*) Common on hills.  
2. May—June. red.  
5 corymbosum. L. (*High whortleberry.*)  
dissomorphum. Mx.  
amoenum. Willd.  
In woods and hedges. 2. May—June. white.  
6 Pennsylvanicum. Mx. (*Blue whortleberry.*)  
tenellum. Ph. ?  
virgatum. Willd. (Muhl.)

On rocky hills, and in woods. Common.  $\frac{1}{2}$ . May. greenish white. with red.

210. **ANDROMEDA.** L. *Red bud, &c.*  
 1 *calyculata.* L. In bog meadows of New-Jersey.  $\frac{1}{2}$ . May. white.  
 2 *racemosa.* In swamps and along hedges, Greenwich.  $\frac{1}{2}$ . July. white.  
 3 *ligustrina.* Muhl. et Ell.  
*paniculata.* Mx. Ph. non L.  
*racemosa.* Lmk.  
*Vaccinium ligustrinum.* L.  
*Lyonia paniculata.* Nutt.  
 In woods and hedges. Common.  $\frac{1}{2}$ . June—July. white.  
 4 *mariana.* L. Common on Hempstead Plains. *Prince.*  
 In pine woods. S. Amboy.  $\frac{1}{2}$ . June. white.
211. **EPIGEA.** L. *Ground laurel. Trailing arbutus.*  
*repens.* L. Shady rocky hills. Plandome. L. Island, and in New-Jersey.  $\frac{1}{2}$ . April—June. white.
212. **GAULTHERIA.** L. *Mountain-tea. Ginger-berry.*  
 1 *procumbens.* L. (*Wintergreen.*) In the cedar swamp, Weehawk.  $\frac{1}{2}$ . July—Aug. white.  
 2? *hispidula.* Muhl. Cat.  
*serpillifolia.* Ph.  
*Vaccinium hispidulum.* Mx. L.  
*Oxycoccus hispidulus.* Pers. Nutt.  
*Arbutus thymifolia.* Ait.  
*filiformis.* Lmk.  
 In the cedar swamp, New-Durham. N. J. *Cooper.* v. v.  $\frac{1}{2}$ .  
 Sept. ? (April! Mx.) white.
213. **ARBUTUS.** L. *Bear-berry.*  
*Uva ursi.* L. In the pine barrens of New-Jersey. In woods on Long-Island ? Patterson falls. (*Cooper.*) April—May. red.
214. **CLETHRA.** L. *Sweet pepper-bush.*  
*alnifolia.* L. Low wet grounds, and in hedges.  $\frac{1}{2}$ . Aug. white.
215. **PYROLA.** L. *Wintergreen.*  
 1 *rotundifolia.* L. Bloomingdale woods.  $\frac{1}{4}$ . July—Aug. white.  
 2 *elliptica.* Nutt. In dry woods.  $\frac{1}{4}$ . June—July. white.  
 3 *secunda.* L. Open, sandy woods. New-Jersey.  $\frac{1}{4}$ . June—July. greenish-white.
216. **CHIMAPHILA.** Ph. *Pipsissewa. Wintergreen.*  
 1 *maculata.* Ph.  
*Pyrola maculata.* L.  
 Dry stony woods. Bloomingdale.  $\frac{1}{4}$ . July—Aug. white.  
 2 *corymbosa.* Ph. (*True pipsissewa, or pipsissewa.*)  
*Pyrola umbellata.* L.  
 In Bloomingdale woods.  $\frac{1}{4}$ . July—Aug. greenish-white.

## DIGYNIA.

217. **CHRYSOSPLENIUM.** L. *Golden saxifrage.*  
*oppositifolium.* L. ? In shady swamps, in running brooks.  
 Bloomingdale. 24. April 13—June. yellow.
218. **SAXIFRAGA.** L. *Saxifrage.*  
 1 *Virginiana.* Mx.  
*nivalis.* Muhl. Cat.  
*vernalis.* Big.  
 On rocks and the sides of hills. 24. April 3d.—July.  
 white.  
 2 *Pennsylvanica.* L. In the cedar swamp at Weehawk, and  
 in the bog meadows of New-Jersey. 24. May—June.  
 greenish-white.
219. **TIARELLA.** L. *Mitre wort.*  
*cordifolia.* L. Among rocks. Passaic falls. New-  
 Jersey. 24. May—June. white.
220. **MITELLA.** L. *False sanicle.*  
*diphylla.* L. On the banks of creeks, in shady places.  
 24. May. white.
221. **SCLERANTHUS.** L. *Knarvel.*  
*annuus.* L. Common in sandy fields. ☉. May—July.
222. **SAPONARIA.** *Soap wort.*  
*officinalis.* L. (*Bouncing Bet.*) Among rubbish. In-  
 troduced. ½. June—Sept. white.

## TRIGYNIA.

223. **CUCUBALUS.** L. *Campion.*  
*stellatus.* L. In dry woods, on the sides of hills. 24.  
 July—Aug. white.
224. **SILENE.** L. *Catch-fly.*  
 1 *Pennsylvanica.* Mx. (*Wild pink.*)  
*Virginica.* Willd. et Muhl. Cat.  
 On the sides of rocky hills. 24. May—June. red.  
 2 *antirrhina.* L. On the sides of hills, near creeks. New-  
 Jersey. ☉. June. white or purple.
225. **STELLARIA.** L. *Chickweed.*  
 1 *media.* Sm.  
*Alsine media.* L.  
 Common in cultivated grounds, road sides, &c. ☉ ? March  
 —Nov. white.  
 2 *longifolia.* Muhl. Cat.  
*gracilis.* Raf.  
*Spergulastrum gramineum.* Mx.  
*Micropetalon gramineum.* Pers. Ph.  
 Bog meadows and overflowed woods. 24. ? June. white.
226. **ARENARIA.** L. *Sand wort.*  
 1 *peplodes.* L. On the shore near New-York. R. Haines,  
 Esq. (Collins.) Long Branch, New-Jersey. s. *fl.*  
*Cooper.*

## DECANDRIA. DECAGYNIA.

- 2 lateriflora. L. ? Bog meadows about Newark. 24. June.  
white.
- 3 serpillifolia. L. Sandy fields. ☉. May—July. white.
- 4 squarrosa. Mx.  
Caroliniana. Walt.
- In the pine barrens of New-Jersey. 24. July. white.
- 5 Canadensis. Pers.  
rubra. B. Mx.
- In salt marshes. New-York and New-Jersey. ☉. May—  
Nov red and white.

## PENTAGYNIA.

227. PENTHORUM. L. *Virginian stone-crop.*  
sedoides. L. Low wet meadows, and in stagnant waters.  
24. July—Aug. greenish yellow.
228. OXALIS. L. *Wood-sorrel.*  
1 Acetosella. L. On the island of New-York. *Le Conte.*  
24. white.
- 2 violacea. L. In woods among rocks. 24. April—June.  
violet.
- 3 Corniculata. L. In fields and woods. ☉. May—Sept.  
yellow.
- 4 stricta. Willd. In cultivated grounds. ☉? May—Aug.  
yellow.
229. AGROSTEMMA. L. *Corn cockle.*  
Githago. L. In grain fields. ☉. June—July. pur-  
ple. §.
230. CERASTIUM. L. *Mouse-ear chickweed.*  
1 vulgatum. L. Fields and on hills. ☉. May—Sept.  
white.
- 2 viscosum. L. Old fields and road sides. ☉. May—  
Sept. white.
- 3 nutans. Raf.  
longepedunculatum. Muhl.?  
In woods. New-Jersey. 24. June—July. white.
- 4 tenuifolium. Ph.  
C. arvensis. var. ?  
On the sides of rocky hills. June. white.
231. SPERGULA. L. *Corn spurrey.*  
arvensis. L. In fields. N. York. Meadows, Hoboken.  
June. §. white.

## DECAGYNIA.

232. PHYTOLACCA. L. *Poke or pokeberry.*  
decandra. L. Borders of fields and along ditches. 24.  
June.—Oct. white.

DODECANDRIA.

MONOGYNIA.

233. **ASARUM.** L. *Asarabacca. Wild ginger.*  
*Canadense.* L. (*Colt's foot. White snake root.*) Hills  
 at Hoboken. 2f. May—June.
234. **HUDSONIA.** L. *American heath.*  
 1 *ericoides.* L. et Nutt. In the pine barrens of New-Jer-  
 sey. 2. May—June. yellow.  
 2 *tomentosa.* Nutt. (*Maritima.*) On the sea shore:  
 Shrewsbury. Long-Island. &c. 2. June. yellow.
235. **PORTULACCA** L. *Purselane.*  
*oleracea.* L. In cultivated grounds. ☉. May—Aug.  
 yellow.
236. **LYTHRUM.** L. *Milk willow-herb. Grass poly.*  
*verticillatum.* L. In the cedar swamps at Weehawk. 2f.  
 Aug. purple.
237. **DIOSPYROS.** L. *Persimmon. Date plum.*  
*Virginica.* L. In woods, on the Hudson between Bloom-  
 ingtondale and Manhattanville. Weehawk, New-Jersey.  
 2f. June. white.

DIGYNIA.

238. **AGRIMONIA.** L. *Agrimony.*  
 1 *Eupatoria.* L. In woods and hedges. 2f. June—Aug.  
 yellow.  
 2 *parviflora.* Ait. In woods. 2f. July. yellow.

TRIGYNIA.

239. **EUPHORBIA.** L. *Spurge. Milkweed.*  
 1 *maculata.* L.  
*hypericifolia.* Bart. Fl. Phil.  
 In cultivated grounds. ☉. July—Aug.  
 2 *polygonifolia.* L. On the gravelly banks of the Hudson,  
 near the French Tan-yards. 2f. June—Sept.  
 3 *Ipecacuanha.* L. In the pine woods, about S. Amboy.  
 2f. June.  
 4 *depressa.*  
*maculata.* Bart. non L.  
 In sandy fields. common. July—Oct.



ICOSANDRIA.

MONOGYNIA.

240. **CACTUS.** L. *Indian fig.*  
*opuntia.* L. (*Prickly pear.*) On rocks and dry hills.  
 2f. July. yellow.

241. PRUNUS. L. *Cherry. Plum.*  
 1 Virginiana. Willd. (*Choke-cherry.*)  
*Cerasus Virginiana. Mx.*  
 In woods and hedges.  $\frac{1}{2}$ . May. white.  
 2 serotina. Willd. (*Wild-cherry.*) Woods and hedges.  
 $\frac{1}{2}$ . May—June. white.  
 3 Pennsylvanica. Ait. On hills and in woods. New-Jer-  
 sey.  $\frac{1}{2}$ . May. white.  
 4 depressa. Ph. (*Sand cherries.*) On the shore of Long  
 Island about New-Utrecht.  $\frac{1}{2}$ . May. white.

## DI-PENTAGYNIA.

242. CRATAEGUS. L. *Thorn.*  
 1 coccinea. Ait. In woods. New-York and New-Jersey.  
 $\frac{1}{2}$ . May. white.  
 2 cordata. Ait. Willd.  
*populifolia. Walt. Ph.*  
*Mespilus Phoenopyrum. L.*  
 In woods and on the banks of rivulets among rocks. N. York  
 and N. Jersey.  $\frac{1}{2}$ . June. white.  
 3 pyrifolia. Ait. Willd.  
*cornifolia. Pers.*  
 On rocks in woods.  $\frac{1}{2}$ . June. white.  
 4 crus galli. Ait. Willd.  
*Mespilus lucida. Ehrh.*  
 In woods. New-York.  $\frac{1}{2}$ . May. white.  
 5 oxycantha. L. (*Hawthorn.*) Hedges. Greenwich.  
 May 20.  $\frac{1}{2}$ .
243. PYRUS. L. *Pear, &c.*  
 1 arbutifolia. Willd. (*Choke berry.*)  
*Mespilus arbutifolia. L.*  
*Aronia pyrifolia. Pers.*  
*Mespilus arbutifolia.*  
*erythrocarpa. Mx.*  
*Crataegus pyrifolia. Lmk.*  
 In swamps. Sometimes on high hills.  $\frac{1}{2}$ . May—June.  
 swamps.  
 2 melanocarpa. Willd.  
*Aronia arbutifolia. Pers.*  
*Crataegus arbutifolia. Lmk.*  
*Mespilus arbutifolia.*  
*melanocarpa. Mx.*  
 In a bog meadow near Greenwich.  $\frac{1}{2}$ . May. berries  
 black. white.  
 3 Botryapium. Willd. (*June berries. Shad flower. Maybush.*)  
*Aronia Botryapium. Pers.*  
*Mespilus Canadensis. L.*  
 In woods.  $\frac{1}{2}$ . May. white.

4 sanguinea. Ph. ? (*June berries.*) In woods. A tree 30 or 40 feet high. Berries red—eatable. white.

5 coronaria. L. (*Crab apple.*)  
Malus coronaria. Mx.

In woods. New-Jersey. ½.

244. SPIREA. L. *Meadow sweet.*

1 Salicifolia. Ait.

alba. Muhl. Cat.

Wet meadows. New-Jersey. ½. June, July. white or pink.

2 tomentosa. L. Meadows. Weehawk. ½. July—Sept.

3 opulifolia. L. (*Nine bark. Virginian guelder rose.*)  
Rocky hills. New-Jersey. ½. July. white.

245. GILLENIA. Moench. *Indian physic.*

trifoliata. Moench. (*Bowman's root. Ipecacuanha.*)

Spirea trifoliata. L.

On the sides of hills. New-Jersey. ¼. June. white.

POLYGYNIA.

246. ROSA. L. *Rose.*

1 parviflora. Willd.

Carolina. Mx.

In woods and copses. ½. June—July. red.

2 lucida. Willd. In low copses. ½. July. red.

3 gemella. Willd. Woods and swamps. ½. July. red.

4 Carolina. Willd.

Pennsylvanica. Mx.

corymbosa. Ehrh.

Swamps. ½. June—July. red.

5 suaveolens. Ph. (*American sweet-briar.*)

rubiginosa. Muhl. Cat.

On hills and borders of woods. ½. June. red.

247. RUBUS. *Blackberry, bramble, &c.*

1 villosus. Ait. (*Blackberry.*) In woods and commons.

½. June—July. white.

2 strigosus. Mx. (*Red raspberry.*)

Pennsylvanicus. Lmk.

On hills. N. Jersey. ½. June. white.

3 occidentalis. L. (*Wild raspberry.*) In rocky woods.

½. May—Aug. white.

4 trivialis. Mx. (*Dewberry.*)

procumbens. Muhl.

In fields among rocks. ½. May—July. white.

5 odoratus. L. (*Flowering raspberry. Canadian rasp-*

*berry.*) On high hills, Manhattanville and Weehawk.

½. May—July. red.

6 cuneifolius. Ph. Pine barrens of New-Jersey. ½. v. s.

7 saxatilis. L.

B. Canadensis. Mx.

- On hills and in woods. Bloomingdale.  $\frac{1}{2}$ . June—July.  
white.
- 8 obovalis. Mx. In the cedar swamp at Weehawk.  $\frac{1}{4}$ .  
July. white.
248. FRAGARIA. L. *Strawberry.*  
Virginiana. L.  
Canadensis. Mx.  
In fields and woods.  $\frac{1}{4}$ . May—June.
249. POTENTILLA. L. *Cinquefoil.*  
1 fruticosa. L. In meadows. Weehawk.  $\frac{1}{2}$ . July.  
yellow.
- 2 floribunda. Ph. Bog meadows of New-Jersey. June—  
July. yellow.
- 3 Canadensis. L. (*Barren strawberry.*) Fields and  
woods.  $\frac{1}{4}$ . May. yellow.
- 4 pumila. Lmk. Dry woods and in fields.  $\frac{1}{4}$ . April  
—May. A variety of the preceding? yellow.
- 5 simplex. Mx. (*Five finger.*) Fields and meadows.  $\frac{1}{4}$ .  
May—August. yellow.
- 6 Norvegica. L. Old fields.  $\odot$ . June—August. yel-  
low.
- 7 argentea. L. Rocks. Fishkill.  $\frac{1}{4}$ . June—July. yel-  
low.
- 8 tridentata. Ait. On the summit of the new beacon.  
Fishkill.  $\frac{1}{4}$ . May—June. white.
250. GEUM. L. *Avens. Herb bennet.*  
1 agrimonoides. Ph.  
(*viscosa.*)  
On Polybell's island in the Highlands.  $\frac{1}{4}$ . May. yel-  
lowish-white.
- 2 Virginianum. L. Woods and hedges.  $\frac{1}{4}$ . June—Aug.  
yellowish-white.
- 3 rivale. L.? In bog meadows. New-Jersey.  $\frac{1}{4}$ . June.  
purple.
251. COMARUM. L. *Marsh cinquefoil.*  
palustre. L. In swamps. New-Jersey.  $\frac{1}{4}$ . purple.



## POLYANDRIA.

## MONOGYNIA.

252. ACTEA. L. *Bane berry. Herb Christopher.*  
1 brachypetala. De Cand. (*Red and white cohosh. Neck-  
lace weed.*)  
Americana. Ph.  
rubra. Willd.  
spicata. Mx.  
Among rocks, on the sides of hills. Hoboken.  $\frac{1}{4}$ . May—  
June. white. var. ? alba.—A. alba. Big. (*Eaton.*)



- 2? racemosa. L. et DeCand. (*Black snake root. Squaw root.*)  
 Cimicifuga serpentaria. Ph.  
 racemosa. Nutt.  
 On hills at Kingsbridge. Cooper. 2. June—July. white.
253. PODOPHYLLUM. L. *May apple. Duck's foot. Mandrake.*  
 peltatum L. In woods. New-Jersey. 2. May. white.
254. SANGUINARIA. L. *Blood root.*  
 Canadensis. L. Shady woods, Long-Island. Hills about  
 Bergen. 2. April—May. white.
255. CHELIDONIUM. L. *Celandine.*  
 majus. L. (*Wartwort.*) Along fences and among  
 rocks. 2. May—Oct. yellow.
256. SARRACENIA. L. *Side-saddle flower.*  
 purpurea. L. (*Meadow cups.*) In the cedar swamp  
 at Weehawk. 2. June—July. purple.
257. NYMPHAEA. L. Smith. *Pond lily.*  
 odorata. Ait.  
 alba. Mx.  
 In ponds on Long-Island. 2. June—July. white.
258. NUPHAR. Smith. *Yellow pond lily.*  
 1 lutea. Ait.  
 Nymphaea lutea. L.  
 In ponds and rivers. New-Jersey. 2. June—July. yellow.  
 2 advena. Ait.  
 Nymphaea advena. Willd.  
 Ponds and rivers. Long-Island and New-Jersey. 2. June,  
 July.  
 3 Kalmiana. Ait. (*Small flowered.*)  
 Nymphaea lutea.  
 B. Kalmiana. Mx.  
 minima. Muhl. Cat. ?  
 In ponds, in the pine barrens of New-Jersey. 2. July.
259. TILIA. L. *Lime or linden tree.*  
 1 glabra. Vent. et Ph. (*Bass wood. Spoon wood.*)  
 Americana. Willd.  
 Canadensis. Mx. Pers.  
 Americana. Pers.  
 Hills about Hoboken, and in Bloomingdale woods. 2. June.  
 yellowish.  
 2 pubescens. Vent. On the high hills near Weehawk. 2.
260. HELIANTHEMUM. *Rock rose.*  
 Canadense. Mx. (*Frost weed.*)  
 Cistus Canadensis. Willd.  
 Lechea major. L.  
 On sandy hills and in barren fields. 2. June. yellow.

## DI-PENTAGYNIA.

261. ASCYRUM. L. *St. Peter's wort.*  
 multicaule. Mx. In the pine barrens of New-Jersey.  
 2. July. yellow.

262. **HYPERICUM.** L. *St. John's wort.*  
 1 perforatum. L. (*Common.*) Common in fields. 2. June  
 —Aug. yellow.  
 2 Corymbosum. Willd.  
 punctatum. Lmk.  
 In wet meadows and woods. 2. June—Aug. yellow.  
 3 parviflorum. Willd.  
 quinquenervium. Walt.  
 matilum. L.  
 In overflowed places. 2. June—Sept. yellow.  
 4 angulosum. Mx. In the cedar swamp at Weehawk. 2?  
 July, reddish.  
 5 Canadense. L. Sandy fields. Greenwich. 3. June—Ju-  
 ly. yellow.  
 6 Virginicum. L.  
 Elodea campanulata. Ph.  
 In the bog meadows about Hoboken. 2. July—Sept. reddish.
263. **AQUILEGIA.** L. *Columbine.*  
 Canadensis. L. On rocks. 2. April 28.—June. scarlet.

## POLYGYNIA.

264. **LIRIODENDRON.** L. *Tulip tree.*  
 Tulipifera. L. (*White wood. White poplar.*) In woods.  
 2. June 7. July. greenish-white.
365. **MAGNOLIA.** L.  
 glauca. L. (*Swamp sassafras. Swamp laurel. Bea-  
 ver wood.*) In swamps, Long-Island and New-Jer-  
 sey. 2. May—June. white.
266. **ANEMONE.** L. *Wind flower.*  
 1 nemorosa. L.  
 In moist shady places, and in woods. 2. April 19—May.  
 white.  
 var. quinquefolia.  
 A. quinquefolia. Pers.  
 With the former.  
 2 Thalictroides. L.  
 Thalictrum anemonoides. Mx.  
 Moist shady woods, and among rocks. 2. April 19—May.  
 white.  
 3 Pennsylvanica. L.  
 aconitifolia. Mx.  
 In meadows near the French tan yards. 2. June. 22—Ju-  
 ly. yellowish-white.  
 4 Virginiana. L. (*Thimble-weed.*) In woods about rocks.  
 2. July. greenish-white.
267. **HEPATIC.** Willd. *Liver wort.*  
 triloba. Willd. enum.  
 Anemone Hepatica. L.  
 Rocky woods, in fertile soil. 2. April. 1—May.

268. **ATRAGENE.** L.  
*Americana.* Sims.  
*Pennsylvanica.* Muhl. Cat.  
*Clematis verticellata.* De Cand.  
 On the summit of the old beacon, Fishkill. 7. May. purple.
269. **CLEMATIS.** L. *Virgin's bower.*  
 1 *Virginiana.* L. In hedges. Greenwich. July—Aug.  
 white.  
 2 *ochroleuca.* Ait.  
*sericea.* Mx.  
 In woods about a mile from Brooklyn, Long-Island. 2. June. yellowish-white.
270. **THALICTRUM.** L. *Meadow rue.*  
 1 *dioicum.* L.  
*laevigatum.* Mx.  
 Rocks about Hamilton's monument. *Pierce.* 2. April 30th.  
 white.  
 2 *rugosum.* Ph.  
*Carolinianum.* De Cand.  
 In meadows and swamps. 2. June—July. white.  
 3 *revolutum.* De Cand.  
*Polygamum.* Muhl.  
*pubescens.* Ph.  
 In meadows and swamps. 2. June, July. white.
271. **RANUNCULUS.** L. *Crow-foot.*  
 1 *Flammula.* L. In inundated woods. Bloomingdale. 2. June—July. yellow.  
 2 *pusillus.* Poir. Ph.  
*humilis.* Pers.  
*Flammula.* Walt. Mx.  
 In boggy inundated places. Bloomingdale woods. Flowers generally 3-petalled. minute.  
 3 *abortivus.* L.  
*nitidus.* Poir.  
 Woods and rocky hills. 2. April—June. yellow.  
 4 *sceleratus.* L. In ditches and stagnant waters. 2. May—Aug. yellow.  
 5 *Pennsylvanicus.* L. Wet meadows and in woods. 2. June—Aug. yellow.  
 6 *bulbosus.* L. (*Butter cups.*) meadows and grassplots. 2. May—July. yellow.  
 7 *repens.* L. Banks of creeks. New-Jersey. *Cooper.* 2. June—Sept. yellow.  
 8 *recurvatus.* Lmk. Woods. 2. July. whitish.  
 9 *fluviatilis.* Big.  
*heterophyllus.* Muhl. ?  
*pantothrix.* var *fluviatilis.* De Cand. ?  
 Stagnant waters in woods, 3 miles from Brooklyn. Long-Island. 2. Aug. yellow.

## DIDYNAMIA. GYMNOSPERMIA.

- 10 *aquatilis*. L. In ponds. Mt. Pleasant. Dr. S. C. Roe—  
v. s. 24. June. white.
- 11 *aeris*. L. (*Butter cups*.) In wet meadows. 24. June.  
yellow.
- 12 *saniculaefolius*. Muhl. Cat. ? Eaton's Man. Bot. p. 397.  
In moist shady woods. Bloomingdale. 24. May—July.  
yellow.
- 13 *fascicularis*. Muhl. Big. Moist woods. April 17—May.  
yellow.
272. **COPTIS**. Salisb.  
*trifolia*. Salisb. (*Gold thread. Mouth root*.)  
*Helleborus trifolius*. L.  
In the cedar swamp at Weehawk. 24. May 15th—June.  
white.
273. **CALTHA**. L. *Marsh marygold*.  
*palustris*. L. In a swamp near Greenwich, and in New-  
Jersey. 24. April 26—June. yellow.
274. { **BRASENIA**. Schreb. *Water target*.  
{ **HYDROPELTIS**. Mich.  
*Hydropeltis*. Muhl.  
*peltata*. Pursh.  
*Hydropeltis purpurea*. Mx.  
In ponds about New-Utrecht. Long-Island. *Eddy*. July—  
Aug. purple.
275. **HYDRASTIS**. L. *Yellow root*.  
*Canadensis*. L. Shady woods. 24. May. white.



## DIDYNAMIA.

## GYMNOSPERMIA.

276. **TEUCRIUM**. L. *Wood sage. Wild germander*.  
1 *Canadense*. L. Wet shady places, and on the sides of  
rocky hills. Greenwich and Hoboken. 24. July—  
Aug. pale purple.  
2 *Virginicum*. L. Shady low grounds. 24. July. purple.
277. **HYSSOPUS**. L. *Hyssop*.  
*nepetoides*. Willd. In woods at Flushing. (*Prince*.)  
24. July. yellow.
278. **NEPETA**. L. *Catmint*.  
*Cataria*. (*common*.) Road sides and old fields. June—  
Aug. §.
279. **MENTHA**. L. *Mint*.  
1 *borealis*. Mx.  
*acutifolia*, B. *borealis*. Pers.  
Wet meadows, among bushes. 24. July—Sept. pale purple.  
2 *tenuis*. Mx.  
*viridis*. Walt.

- 3 Canadensis. L. In the pine barrens of New-Jersey.  
*Goldy.* 2. Oct. blue. v. s.
280. GLECHOMA. L. *Ground ivy.*  
 hederacea. L. (*Gill-go-over-the-ground.*) Along fences,  
 and in shady places. 2. April. June. purple. §?
281. LAMIUM. L. *Archangel. Henbit.*  
 amplexicaule. L. (*Dead nettle.*) In old fields and cul-  
 tivated grounds. 2. April—Nov. purple. §.
282. GALEOPSIS. L. *Hemp nettle.*  
 Tetrahit. L. Grows about Philipsburgh. *Eddy.* ☉.  
 Aug. white and purple.
283. STACHYS. L. *Base-horehound.*  
 aspera. Mx. In fields, on the borders of swamps. New-  
 York and Hoboken. 2. July—Oct. purple.
284. MARRUBIUM. L. *Horehound.*  
 vulgare. L. Road sides. June—Aug. white. §.
285. LEONURUS. L. *Motherwort.*  
 Cardiaca. L. Road sides and neglected fields. 3. Ju-  
 ly—Aug. reddish white. ?
286. CLINOPODIUM. L. *Wild basil.*  
 vulgare. L. Stony woods. Long-Island. 2. July. pink.
287. PYCNANTHEMUM. Mich. *Horse mint. Mountain mint.*  
 1 incanum. Mx.  
 Clinopodium incanum. L.  
 Rocky hills. Manhattanville. 2. July, Aug. pink.  
 2 Virginicum. Pers. (*Virginian thyme.*)  
 linifolium. Ph.  
 Brachystemum Virginicum. Mx.  
 linifolium. Willd.  
 Thymus Virginicus. L.  
 In exsiccated swamps. New-Jersey. 2. August—Sept.  
 white.
- 3 lanceolatum. Ph.  
 Virginicum. Nutt. excl. syn. L.  
 Brachystemum lanceolatum. Willd.  
 On the hills near Weehawk. New-Jersey. 2. August.  
 white.
- 4 verticillatum. Pers.  
 Brachystemum verticillatum. Mx.  
 Hills and dry woods. 2. July—Sept. white.
- 5 muticum. Pers.  
 Brachystemum muticum. Mx. t. 32.  
 On the hills near Weehawk. On Long-Island. Dr. *Mitchill.*  
 2. July, Aug. white.
288. ORIGANUM. L. *Wild marjoram.*  
 vulgare. L. Borders of fields and on stony hills. 2.  
 June—Oct. pink.
289. CUNILA. L. *Dittany.*  
 mariana. L.  
 Ziziphora mariana. R. & S.

On dry rocky hills. Staten-Island and Weehawk. 2. July  
—Sept. pink.

290. HEDEOMA. Pers.

pulegioides. Pers. (*Penny royal.*)

Cunila pulegioides. L.

Ziziphora pulegioides. R. & S.

Dry woods and on hills. ☉. June, July. pale blue.

291. TRICHOSTEMA. L.

*Blue curls.*

dichotoma. L. On barren hills. ☉. July—Sept. blue.

292. SCUTELLARIA. L.

*Scull cap.*

1 lateriflora. L. In overflowed shady places. 2. July—  
Sept. blue.

2 galericulata. L. Wet shady places on Long-Island. 2.  
Aug. blue.

3 ovalifolia. Pers. Bart.

pilosa. Mx. Ph.

In a wood on Long-Island, about 3 miles from Brooklyn, and  
on Staten-Island. 2. July. blue.

4 integrifolia. L. In Newark meadows. *Eddy.* 2. June.  
blue.

293. PRUNELLA. L.

*Self-heal.*

Pennsylvanica. Willd. In woods and meadows. ♂.

May—Aug. blue.

294. PHRYMA. L.

Leptostachya. L. Rocky woods. Hoboken hills, near  
the brook, 2. July, Aug. purple.

### ANGIOSPERMIA.

295. VERBENA. L.

*Vervain.*

1 hastata. L. Wet meadows, particularly on the bor-  
ders of salt marshes. 2. July—Aug. purple.

2 urticifolia. L. Fields and road sides. 2. July—Aug.  
white. ♂?

3 angustifolia. Mx.

rugosa. Willd.

Grows along the base of the Magnesian rocks, Hoboken.  
2. July. blue.

4 spuria. L. Borders of fields about Bergen, New-Jersey.  
Aug.—Oct. pink.

296. BARTSIA. L.

*Painted cup.*

coccinea. L.

Euchroma coccinea. Nutt.

In boggy meadows. 2. May—June. scarlet.

297. MELAMPYRUM. L.

*Cow-wheat.*

lineare. Lmk.

Americanum. Mx.

Rocky shady woods. ☉. June, July. yellow and white.  
var. latifolium.

M. latifolium. Muhl. Cat. ?

Woods. common. yellow and white.

298. **PEDICULARIS.** L. *Louse-wort.*  
 1 *pallida.* Ph.  
*serotina.* Muhl. Cat.  
 In swamps near Brooklyn. Sept. pale yellow. In Newark meadows. *Eddy.*  
*var. simplex.*  
*P. lanceolata.* Mx. ?  
 Grows with the former. Brooklyn.  
 2 *gladiata.* Mx. Wet meadows. ♀. May, June. yellow and purple.  
*Canadensis.* L. Wet meadows. ♀. May—July. yellow and purple.
299. **GERARDIA.** L. *False foxglove.*  
 1 *purpurea.* L. In fields, in sandy soil. ♂. ♂. Aug—Oct. purple.  
 2 *maritima.* Raf. *Precis des De Couv.*  
*crinita.* Ed. Hort. Elgin.  
*purpurea.*  
*B. crassifolia.* Ph.  
 In salt marshes—common near the city. ♀ ? July—Sept. purple.  
 3 *tenuifolia.* Vahl. In fields and woods. ♂. Aug. Sept. purple.  
 4 *flava.* L. Woods, and moist shady places. ♀. Aug.—Sept. yellow.  
 5 *glauca.* Ed. Cat. Plant. Plandom. *in Med. Rep.* 11. p. 126.  
*quercifolia.* Ph.  
*Rhinanthus Virginicus.* Gron.  
 In shady rocky situations. ♀. Aug.—Sept.  
 6 *Pedicularia.* L. Shady woods, Long-Island, near Brooklyn. ♀. Aug.—Sept. yellow.
300. **ANTIRRHINUM.** L. *Snap dragon.*  
 1 *Linaria.* L. (*Ransted. Continental-weed.*)  
*Linaria Vulgaris.* De Cand.  
 Road sides and fields. ♀. June—Oct. yellow.  
 2 *Canadense.* L. Fields and meadows. ♂. July—Nov. blue.
301. **SCROPHULARIA.** L. *Figwort.*  
*Marylandica.* L.  
*nodosa,*  
*B. Americana.* Mx.  
 Borders of woods, and on the sides of hills. Hoboken and Greenwich. ♀. July—Oct. brownish.
302. **MIMULUS.** L. *Monkey flower.*  
 1 *ringens.* L. Wet meadows and standing waters, Greenwich. ♀. Aug. blue.  
 2 *alatus.* L. Overflowed woods. Bloomingdale. ♀. Aug. blue.

303. LIMOSELLA. L. *Mud wort.*  
 subulata. Ives. Trans. Physico Med. Soc. N. York. 1.  
 p. 439. t. Eat. Man. Bot. p. 303.  
 tenuifolia. Nutt. Jour. Acad. Nat. Soc. Phil. 1. p. 115.  
 Gen. Amer. Pl. 2. p. 43.  
 On the borders of a fresh water pond, at Long-branch, N.  
 Jersey. Aug. Sept. white. Cooper.
304. CHELONE. L. *Shell flower.*  
 glabra. L. (*Snake's head.*) In ditches, standing waters,  
 and low shady places. ♀. Aug.—Oct. white, with a  
 tinge of purple.
305. OROBANCHE. L. Nutt. *Broom-rape.*  
 1 Americana. L. (*Squaw-root.*) Parasitic on the roots of  
 trees, in woods. Bloomingdale, Long-Island, &c. ♀.  
 July. yellowish.  
 2 biflora. Nutt.  
 uniflora. L.  
 In shady woods. ♀. May—July. pale purple. The stem is  
 very short, and produces two long one-flowered pedun-  
 cles.
306. EPIFAGUS. Nutt. *Beach drops. Cancer root.*  
 Americanus. Nutt.  
 Orobanche Virginiana. L.  
 Parasitic upon the roots of beech trees. Hoboken, and  
 Long-Island. ♀. Sept. purple.



## TETRADYNAMIA.

## SILICULOSA.

307. DRABA. L. *Whitlow grass.*  
 1 verna. L. In fields and on hills. Greenwich and Hobo-  
 ken. ♂. March 26th—May. white.  
 2 hispidula. Mx.  
 umbellata. Muhl.  
 Caroliniana. Walt. ?  
 In sandy fields about Canal-street, N. Y. *Knevels.* ♂. April.  
 white.
308. BUNIAS. L. *Sea rocket.*  
 edentula. Big.  
 Cakile maritima. Ph.  
 Americana. Nutt.  
 On the sea coast of New-Jersey, about Sandy Hook, and at  
 Hoboken. (*Cooper.*) ♂. July—Oct. purple.
309. THLASPI. L. *Shepherd's purse.*  
 1 Bursapastoris. L. Cultivated grounds, and road sides.  
 ♂. March—Oct. white. §.  
 2 campestre. L. (*Mithridate mustard.*) Grows about Pat-  
 terson falls. *Cooper.* ♂. May. white.



310. **LEPIDIUM.** L. *Pepper-wort.*  
*Virginicum.* L. Sandy fields. ☉. June—Oct. white.

## SILICOUSA.

311. **DENTARIA.** L. *Toothwort.*  
 1 *laciniata.* Willd.  
*concatenata.* Mx.  
 On the hills at Hoboken. 24 April 23d—May. purple.
312. **CARDAMINE.** L. *American water cress.*  
 1 *Virginica.* L. On rocks in Bloomingdale woods. 24.  
 May—June. white.  
 2 *Pennsylvanica.* Willd. (*Pennsylvanian water cress.*)—  
 Ditches and overflowed grounds. 24. May—July.  
 white.
313. **SISYMBRIUM.** L. *Water cress.*  
*amphibium.* L. In overflowed and low boggy grounds.  
 Bellevue. 24. June. yellow.
314. **ERYSIMUM.** L. *Hedge mustard.*  
*officinale.* L. Old fields and road sides. ☉. June—  
 Oct. yellow.
315. **ARABIS.** L. *Wall cress. False tower-mustard.*  
 1 *thaliana.* Willd. On the sides of rocky hills. Hoboken.  
 ☉. June. white.  
 2 *lyrata.* L. Rocks about Bergen. ☉. April—July.  
 white.  
 3 *hastata.*  
*pendula.* Nutt. ?  
*Turritis laevigata.* Willd.  
 On rocky hills, in shady situations. 24. June. white.  
 4 *falcata.* Mx.  
*Canadensis.* L.  
 Hills among rocks. Manhattanville and Hoboken. 24.  
 June. white.  
 5 *bulbosa.* Muhl. Cat. (*Spring cresses.*)  
*rhomboidea.* Pers.  
 In low wet grounds. 24. May, June. white.  
 6 *hirsuta.* Brown.  
*Turritis hirsuta.* Willd.  
*ovata.* Ph. ?  
 On the sides of hills. ☉. ? June. July—white.
316. **SINAPIS.** L. *Mustard.*  
*nigra.* Sm. In fields. ☉. July—Oct. yellow. ☿.

## MONADELPHIA.

## DECANDRIA.

317. **GERANIUM.** L. *Cranesbill.*  
 1 *maculatum.* L. (*Crow-foot. Allum-root.*) Woods and  
 among bushes. 24. May 5th, July. purple.

## DIADELPHIA. HEXANDRIA.

- 2 columbinum. L. Sandy fields, on Long-Island. ☉.  
June. blue.
- 3 Robertianum. L. (*Herb Robert.*) Shady rocky situations. ♂. ☉. May—Sept. red.

## POLYANDRIA.

318. SIDA. L. *Indian mallow.*  
1 Abutilon. L. Among rubbish and on the borders of fields.  
☉. July—Aug. orange.
- 2 spinosa. Willd.? Sandy fields. N. Jersey. *Eddy.* ☉.  
Aug. yellow. v. s.
319. MALVA. L. *Mallows.*  
rotundifolia. (*Dwarf mallow.*) Cultivated grounds  
and along fences. ♀. June—Oct. pink.
320. HIBISCUS. L.  
1 moscheutos. Willd. Low shady swamps, particularly  
near the salt water. Greenwich and Hoboken. ♀.  
Aug. Sept. pale purple.
- 2 palustris. L. Borders of salt marshes. New-Utrecht.  
♀. Aug.—Sept. purple.
- 3 Virginicus. L. (*Sweating weed.*) Borders of salt  
marshes. Long-Island. ♀. Aug. rose coloured.

## DIADELPHIA.

## HEXANDRIA.

321. CORYDALIS. Ventenat.  
1 Cucullaria. Pers. (*Bachelor's breeches. Breeches-flower.*  
*Colic-weed.*)  
Fumaria cucullaria. L.  
Shady places, among rocks. ♀. April 12th, May.  
white.
- 2 fungosa. Pers.  
Fumaria fungosa. Ait.  
recta Mx.  
Shady rocky hills. ♂. July—Aug. white and red.
- 3 glauca. Ph.  
sempervirens. Pers.  
Fumaria sempervirens. L.  
Rocks in Bloomingdale woods. ☉. ♂. May 10th—Aug. red  
and yellow.
322. FUMARIA. L. *Fumitory.*  
officinalis. L. In shady places, and along the banks of  
the Hudson, Greenwich. ☉. May—July. reddish. §

OCTANDRIA.

323. POLYGALA. L. *Milkwort, &c.*  
 1 incarnata. L. In meadows. ☉. June. flesh colour.  
 2 paucifolia. Willd. (*Evergreen snake-root.*) Cedar swamp. N. Durham. May—June. 2. purple.  
 3 Senega. L. (*Seneca snake-root.*) In open woods and on hills, New-Jersey. 2. June—July. white.  
 4 lutea. L. Monmouth Co. New-Jersey. *Eddy.* ☉. ♂ yellow. v. v.  
 5 sanguinea. L.  
 purpurea. ? Nutt.  
 Moist meadows. Greenwich. ☉. July—Oct. red.  
 6 cruciata. Willd. In open sphagnous meadows. Hoboken. N. Jersey. ☉. Aug.—Sept.  
 7 verticillata. L. On dry sandy hills. ☉. July—Oct. greenish-white.

DECANDRIA.

324. CROTALARIA. L. *Rattle-box.*  
 1 sagittalis. Willd.  
 C. sagittalis. B. Mx.  
 In Bloomingdale woods. ☉. July—Aug. yellow.  
 2 parviflora. Willd.  
 C. sagittalis. a. Mx.  
 On the Island of New-York. (*LeConte.*) Scarcely a distinct species from the former.  
 325. LUPINUS. L. *Lupine.*  
 perennis. L. On the sides of hills. New-Jersey and Long-Island. 2. May—June. blue.  
 326. PHASEOLUS. L. *Kidney-bean.*  
 1 perennis. Walt.  
 paniculatus. Mx.  
 In Bloomingdale woods. 2. July. purple.  
 2 trilobus. Mx.  
 angulosus. Ait. ?  
 Dolichos trilobus. L.  
 helvolus. Nutt.  
 Glycine angulosa. Willd.  
 triloba. Lin.  
 On the rocky banks of the Hudson about Hoboken. ☉. Aug. purple.  
 3 helvolus. L.  
 Glycine peduncularis. Muhl.  
 Dolichos helvolus. Nutt.  
 In sandy fields. Greenwich and Long-Island. ☉. July—Aug. red and purple.  
 327. GLYCINE. L. *American liquorice*  
 1 monoica. Willd.  
 bracteata. L. (Ph.)

- Amphicarpa monoica*. Ell.  
 In shady rocky places. ☉ July—Aug. pale purple.  
 2 *comosa*. L. On the Island of New-York. *Le Conte*.
328. *APIOS*. Moench.  
*tuberosa*. Moench. Ph.  
*Glycine Apios*. L.  
 In wet thickets and in woods. 2. July—Sept. dark-purple.
329. *LATHYRUS*. L. *Chickling vetch*.  
 1 *stipulaceus*. LC. Low wet meadows. Greenwich. 2.  
 June, July. purple.  
 2 *Myrtifolius*. Willd. In Newark meadows. *LeConte*. 2.  
 purple.
330. *PISUM*. L. *Pea*.  
*maritimum*. L. On the shores of Long-Island, and the  
 harbor of New-York. July. 2. pale-blue.
331. *VICIA*. L. *Vetch*.  
 1 *Caroliniana*. Walt.  
*parviflora*. Mx.  
 On high hills. 2. May—June. white.  
 2 *Americana*. Willd. Shady rocky situations. June. 2.  
 purple.  
 3 *sativa*. Walt. L. ? On the rocky shore at Hoboken. ☉.  
 June. purple.  
 4 *pusilla*. Muhl. In the same place. May—June. ☉. pur-  
 ple.
332. *ERVUM*. L.  
*hirsutum*. L. ?  
*Vicia Mitchilli*. Raf. *Precis. des Decouv.*  
 In shady rocky situations near the salt water. This is cer-  
 tainly a native. ☉. May—June. blue.
333. *ROBINIA*. L. *Locust*.  
*Pseudacacia*. L. (*Common.*) Introduced from the  
 South. 5. May. white.
334. *STYLOSANTHES*. Swartz.  
*elatior*. Sw.  
*hispida*. Mx.  
*Trifolium biflorum*. L.  
 About Elizabethtown. *Eddy*. 2. July—Aug. yellow.
335. *LESPEDEZA*. Mx. *Bush clover*.  
 1 *sessiliflora*. Mx.  
*Hedysarum reticulatum*. Muhl.  
*sessiliflorum*. Lmk.  
*Medicago Virginica*. L.  
 In woods. New-Jersey. 2. Sept. violet.  
 2 *capitata*. Mx.  
*fruticosa*. Pers.  
*Hedysarum frutescens*. L.  
 In dry woods. 2. Aug. purple.  
 3 *polystachya*. Mx.  
*Hedysarum hirtum*. L.

In open woods and hedges. 24. Aug. Sept. white.

4 violacea. Pers.

divergens. Ph.? (*Hedysarum*. Willd.)

*Hedysarum violaceum*.

Woods and copses. Bloomingdale. 24. Aug.—Sept. violet.

5 procumbens. Mx.

prostrata. Ph.

*Hedysarum prostratum*. Willd.

Borders of woods. Bloomingdale. 24. Aug. Sept. purple.

336. HEDYSARUM. L.

*Sanfoin*.

1 Canadense. L. Sandy woods. 24. Aug. purple.

2 canescens. Willd. Woods. Bloomingdale. 24. Aug. purple.

3 Marylandicum. L. Woods. 24. July—Sept. purple.

4 obtusum. Willd. Woods. Bloomingdale. 24. Aug. purple.

5 viridiflorum. L. Woods and copses, Bloomingdale and Long-Island. 24. Aug. purple—green.

6 glabellum. Mx.

paniculatum. Willd.?

Woods, Bloomingdale. 24. Aug.—Sept. purple.

7 nudiflorum. L. Woods, and on rocky hills. 24. July—Aug. violet.

8 acuminatum. Mx.

glutinatum. Willd.

In woods near Weehawk. 24. Aug. purple.

9 rotundifolium. Mx. Rocky shady places, Bloomingdale. 24. Aug.—Sept. purple.

10 bracteosum. Mx.

cuspidatum. Willd.

In woods, among rocks. 24. Aug. purple.

337. TEPHROSIA. Pers.

Virginiana. Pers. (*Gout's rue*.)

*Galega Virginiana*. L.

On rocky hills, West-Chester. 24. July. white and purple.

338. TRIFOLIUM. L.

*Clover. Trefoil*.

1 repens. L. (*White or Dutch clover*.) Common in grass-plots and fields. 24. May—Oct. white.

2 pratense. L. (*Red clover*.) Fields and pastures. 24. May—Oct. red. §.

3 arvense. L. (*Bull's clover. Pusses*.) Dry sandy soil. ☉. June—Sept. white. §.

339. MEDICAGO. L.

*Medic. None-such*.

1 lupulina. L. (*Yellow clover*.) In gravelly fields. ☉. May—Oct. yellow.

2 sativa. L. (*Leucerne*.) In cultivated fields. 24. July. blue. §.

## SYNGENESIA.

## ÆQUALIS.

340. **Troximon.** Gaert.  
 Virginicum. Pers.  
 Tragopogon Virginicum. L.  
 Hyoseris prenanthoides. Willd.  
 amplexicaulis. Mx.  
 Krigia amplexicaulis. Nutt.  
 In woods. Westchester. 24. June. yellow.
341. **Sonchus.** L. *Sow thistle.*  
 1 oleraceus. L. Waste places and rubbish. ☉. July—  
 Sept. yellow.  
 2 arvensis. L. Banks of the Hudson. Greenwich. 24.  
 July. August. yellow.  
 3 pallidus. Willd.  
 Lactuca Canadensis. L.  
 In old fields, and borders of woods. 24. July. yellow.  
 4 acuminatus. Willd. On the hills near Weehawk Ferry.  
 N. J. 8. Aug. blue.  
 5 leucophaeus. Willd.  
 spicatus. Lmk.  
 In woods, near the Little-Falls of the Passaic. 24. Sept.  
 Oct. ochroleucous.
342. **Lactuca.** L. *Lettuce.*  
 elongata. Willd. In shady swamps, and in woods. 24.  
 July—Sept. pale yellow.
343. **Prenanthes.** L. *Wild lettuce. Ivy leaf. Milk weed.*  
 1 altissima. L. Woods and copses. 24. July—Aug. yellowish white.  
 2 alba. L. Woods and copses. 24. July—Sept. white.  
 calyx purple.
344. **Leontodon.** L. *Dandelion.*  
 Taraxicum. L. In grass-plots and pastures. 24. April  
 11—Nov. 25. yellow.
345. **Krigia.** Willd.  
 1 Virginica. Willd. (*Dwarf dandelion.*)  
 Hyoseris Virginicus. L.  
 On sandy hills and on rocks. ☉. May—July. orange.
346. **Hieracium.** L. *Hawk-weed.*  
 1 venosum. L. (*Adder's tongue.*) In woods. 24. July—  
 Aug. yellow.  
 2 Gronovii. L. Sandy hills. 24. Aug. Sept. yellow.  
 3 paniculatum. L. Shady rocky woods. Long-Island and  
 Bloomingdale. 24. Aug. yellow.  
 4 scabrum. Mx.  
 marianum. Willd.  
 Sandy hills. 24. Aug. Sept. yellow.

347. **CICHORIUM.** L. *Succory. Endive.*  
*Intybus.* L. (*Coffee weed.*) Old fields and road sides.  
 ♀. June—Oct. blue or violet. §.
348. **ARCTIUM.** L. *Burdock.*  
*Lappa.* L. Road sides, and borders of fields. ♂. ♀.  
 Aug.—Dec. purple. §.
- 349 **CNICUS.** Willd. *Thistle.*  
 1 lanceolatus. Willd. (*Spear thistle.*)  
*Carduus lanceolatus.* Sm. ♂. July—Oct. purple. §.  
 2 altissimus. Willd.  
*Carduus altissimus.* L.  
*Cirsium repandum.* Mx.  
 Old fields. ♀. June—Sept. purple. sometimes white.  
 3 arvensis. Pers. (*Canada thistle.*)  
*Carduus arvensis.* Sm.  
*Serratula arvensis.* L. Willd.  
 Road sides. Long-Island. ♀? July—Sept.  
 4 horridulus. Muhl. Ph.  
*Carduus horridulus.* Pers.  
*Cirsium horridulum.* Mx.  
 Fields and woods. ♀. June, Aug. pale yellow.  
 5 muticus. Muhl. Ph.  
*Cirsium muticum.* Mx.  
 In meadows. Love lane, Greenwich, and in swamps, N. J.  
 ♂. Aug. Sept. purple.  
 6 discolor. Muhl.  
*Carduus discolor.* Pers.  
 Grows at the foot of the serpentine hills, Hoboken. ♂. Ju-  
 ly—Sept. purple.  
 7 pumilus. Nutt.  
*odoratus.* Muhl. Cat.  
 In the vicinity of New-York. (*Nuttall.*)  
*B. Hystrix.* Nutt. Collected by W. Stuve, M. D. on  
 the banks of the Hudson, in the vicinity of the city of  
 New-York. (*Nuttall.*)
350. **BIDENS.** L. *Burr-marygold. Beggar-ticks.*  
 1 cernua. L. Low grounds and in ditches. ♂. Aug.—Oct.  
 yellow.  
 2 Chrysanthemoides. Mx.  
*connata.* Willd.  
*Coreopsis perfoliata.* Walt.  
 In ditches and overflowed meadows. ♂. Aug.—Oct. yellow.  
 3 frondosa. L. Wet shady woods, Bloomingdale. ♂.  
 Aug. yellow.  
 4 bipinnata. L. (*Cuckolds.*) Old fields and along the  
 Hudson. ♂. July—Sept.
351. **MIKANIA.** Willd. *Climbing hempweed.*  
*scandens.* Willd.  
*Eupatorium scandens.* L.

In low marshy shady places. 24. July—Sept. pink.

352. **EUPATORIUM.** L. *Hemp agrimony. Hempweed.*  
 1 sessilifolium. L. On high rocky hills, Weehawk. 24.  
 Aug.—Sept. white.  
 2 hyssopifolium. Willd. In sandy fields. *Long-branch.*  
*Cooper.* 24. Aug. white.  
 3 teucrifolium. Willd. In exsiccated swamps, Greenwich.  
 24. July—Sept. white.  
 4 ceanothifolium. L. Rocky woods, New-Jersey. 24.  
 Aug. white.  
 5 amoenum. Ph. Woods near Flushing. Long-Island. *Prince.*  
 24. Aug. purple.  
 6 trifoliatum. L. In woods. New-Jersey. 24. Aug. Sept.  
 purple.  
 7 purpureum. L. Swamps and low wet grounds. 24. Aug.  
 Sept. purple.  
 8 verticillatum. Willd. (*Joe Pye's weed.*) Swamps and  
 woods. 24. Aug. Sept. purple.  
 9 maculatum. L. Swamps. 24. Aug. Sept. rare. purple.  
 10 laevigatum. *Sp. Nov.* Cedar swamp at New-Durham.  
 24. Aug. purple.  
 11 perfoliatum. L. (*Bone-set.*) Low boggy grounds. Aug.  
 Sept. white.  
 12 ageratoides. Willd.  
 urticaefolium. Mx.  
 Ageretum altissimum. L.  
 On the hills behind Hoboken. 24. Aug.—Oct. white.
353. **LIATRIS.** L. *Button snake root.*  
 scariosa. L. Swamps. New-Jersey. *Dr. Eddy.* Sept.  
 purple.
354. **VERNONIA.** L.  
 Noveboracensis. L. Swamps and low grounds. 24.  
 Aug.—Oct. purple.

## SUPERFLUA.

355. **TANACETUM.** L. *Tansey.*  
 vulgare. L. Fields, road sides, and among rubbish. 24.  
 Aug. Sept. yellow. §.
356. **ARTEMISIA.** L. *Worm-wood.*  
 Canadensis. Mx. On the sea coast, and the shores  
 of the harbour of New-York. *Rafinesque.* 24. Aug.
357. **GNAPHALIUM.** L. *Cud weed. Life everlasting.*  
 1 plantaginifolium. L.  
 dioicum. L. ?  
 Woods and on hills. 24. April—Sept. white or pale purple.



- 2 polycephalum. Mx.  
obtusifolium. L.  
In woods. ☉. Aug. yellowish-white.
- 3 margarataceum. L. (*Balsam.*) On hills in woods. 2.  
white.
- 4 uliginosum. L. Low wet grounds. ☉. Aug. white.
- 5 Pennsylvanicum. Muhl.  
Bart. Comp. Fl. Phil. 2. p. 104.  
Americana. Willd.  
Borders of woods, and in fields. ☉. June. white.
358. BACCHARIS. L. *Ploughman's spikenard.*  
halimifolia. Mx. (*Groundsel tree.*) Borders of salt  
marshes. Long-Island. On the sea coast about Long-  
Branch. Cooper. 2. Sept.—Oct. white.
359. CONYZA. L. *Marsh flea bane.*  
camphorata. Muhl. Cat.  
Marylandica. Mx.  
Erigeron Camphoratum. L.  
In salt marshes. ☉. Aug.—Oct. purple.
360. ERIGERON. L. *Flea bane.*  
1 bellidifolium. Willd. (*Robert's plantain.*)  
pulchellum. Mx.  
On the sides of hills. 2. May. pale blue.
- 2 Philadelphicum. L. In woods and old fields. 2. June—  
Oct. purple.
- 3 purpureum. Ait. In wet meadows and borders of woods.  
2. June. purple.
- 4 strigosum. Muhl. In pastures and open woods. 3. June  
—Nov. white.
- 5 heterophyllum. Muhl.  
Aster annuus. L. (*Muhl.*)  
In fields and meadows. 3. June—Oct. white or pale-  
blue.
- 6 Canadense. L. Cultivated grounds. ☉. Aug.—Nov.  
white. §?  
B. pusillum.  
Erigeron pusillum. Nutt.  
Grows with the former.
361. SENECIO. L. *Groundsel.*  
1 hieracifolius. L. (*Fire weed.*) Road sides and low  
grounds. ☉. Aug.—Oct.
- 2 aureus. Willd. Wet meadows. Bloomingdale. 2. May  
—July. yellow.
- 3 Balsamitae. Willd. Wet meadows, along brooks. N.  
Jersey. 2. June—July. yellow.
362. ASTER. L. *Starwort.*  
1 solidaginoides. Willd.  
dracunculoides. Lmk.  
Conyza linifolia. L.  
Woods and copses. 2. Aug—Sept. white.

- 2 ledifolius. Ph. In the cedar swamp at New-Durham. 24. Sept. purple.
- 3 linariifolius. L.  
Inula linariifolia. Nutt.  
On high rocky hills. New-Jersey. 24. Sept. violet.
- 4 subulatus. Mx. In salt marshes. 24. Aug.—Nov. purple.
- 5 sparsiflorus. Mx.  
flexuosus. Nutt.  
In salt marshes. 24. Aug.—Oct. purple.
- 6 concolor. Willd. In pine woods. New-Jersey. 24. Aug.—Nov. blue.
- 7 cornifolius. Muhl. In woods. 24. Aug. white.
- 8 amygdalinus. Mx.  
umbellatus. Ait.  
Inula amygdalina. Nutt.  
In woods and moist shady places. 24. Sept. white.
- 9 Novae Angliae. L. In fields along fences. 24. Aug.—Oct. purple.
- 10 cyaneus. Hoff. In fields and woods. 24. Aug.—Oct. blue.
- 11 diversifolius. Mx.  
patens. Willd.  
On the serpentine rock, Hoboken. 24. Sept.—Oct. blue.
- 12 paniculatus. Ait. In open woods. 24. Sept.—October. blue.
- 13 cordifolius. L. Willd.  
heterophyllus. Willd. Enum. (*Muhl.*)  
In dry rocky woods. 24. Sept. white.
- 14 corymbosus. Ait. In woods. Aug.—Sept. white.
- 15 macrophyllus. Ait. Rocky shady woods. Bloomingdale. Aug. white or pale-blue.
- 16 puniceus. L. Shady swamps. New-Jersey. 24. Sept. blue.
- 17 amoenus. Lmk.? Borders of salt marshes, near Greenwich. 24. Sept. violet.
- 18 Novae Belgii. L. Fields and open woods. 24. Aug. violet.
- 19 conyzoides. Willd.  
Marylandicus. Mx.  
Conyza asteroides. L.  
Woods and copses. 24. July. Aug. white.
- 20 miser. L. Common in old fields. 24. Sept.—October. white.
- 21 diffusus. Ait. In old fields and cultivated grounds. 24. Oct. white.
- 22 pendulus. Ait. In old fields. 24. Oct. white.
363. SOLIDAGO. L. *Golden rod.*  
1 Canadensis. L. In old fields along fences. 24. Aug.—Sept. yellow.

- 2 procera. Ait. In fields. Long-Island. 2. Sept. yellow.
- 3 lateriflora. Ait. Common in old fields. 2. Aug.—Oct. yellow.
- 4 aspera. Ait. Fields and open woods. 2. Sept. yellow.
- 5 altissima. Willd. Hedges and fields. 2. Sept. yellow.
- 6 patula. Muhl. In woods and commons. 2. Sept. yellow.
- 7 nemoralis. Ait. Borders of woods and along fences. 2. Sept.—Oct. yellow.
- 8 odora. Ait. Dry woods near Weehawk. 2. Aug. yellow.
- 9 bicolor. L. In woods and on dry stony hills. 2. Aug.—Sept. white.
- 10 graminifolia. Nutt.  
lanceolata. Ait.  
Chrysocoma graminifolia. L.  
In exsiccated swamps. Greenwich. 2. Aug. yellow.
- 11 laevigata. Ait. In salt marshes. 2. Sept.—Oct. yellow.
- 12 flexicaulis. L. On dry hills. Clark's cedars. 2. Oct. yellow.
- 13 axillaris. Ph.  
flexicaulis, var. 3-tia. Mx.?  
On rocky hills. 2. Sept.—Oct. yellow.
- 14 rigida. Ait. On rocky hills. New-Jersey. 2. Sept. yellow.
- 15 Noveboracensis. L. In exsiccated swamps. Greenwich. 2. Aug.—Sept. yellow.
- 16 puberula. Nutt. In sandy fields. New-Jersey, near Amboy. (*Nuttall.*)
364. INULA. L. *Elecampane.*  
1 Helenium. L. Road sides. New-Jersey and Long-Island. 2. July—Aug. yellow.  
2 mariana. L. In dry woods. New-Jersey. 2. Aug.  
3 falcata. Ph. In the pine barrens of New-Jersey. *Eddy.*  
v. s. Sept.—Oct. yellow.
365. CHRYSANTHEMUM. L. *Ox-eye daisy.*  
Leucanthemum. L. Meadows, road sides, &c. 2. May—Nov. white.
366. ANTHEMIS. L. *Chamomile.*  
1 arvensis. L. (*Willd.*) In fields and on road sides. 2. July. white.  
2 Cotula. L. (*May weed.*) Fields, meadows and road sides. 2. June—Nov. white.
367. ACHILLEA. *Yarrow. Milfoil.*  
1 Millefolium. L. In meadows, along ditches. 2. June—Aug. white.  
2 Ptarmica. L. (*Sneeze wort.*) Swamps. New-York. *Eddy.* 2. Aug. white.

368. **HELENIUM.** L. *False sun-flower.*  
*autumnale.* L. In bog meadows. New-Jersey. 24. Aug.  
 —Sept. yellow.

## FRUSTRANEA.

369. **HELIANTHUS.** L. *Sun-flower.*  
 1 *divaricatus.* L. In woods, on the sides of hills. 24. Aug.  
 yellow.  
 2 *trachelifolius.* Willd.  
*Gigas.* Mx.  
 Rocky woods. 24. Aug.—Sept. yellow.  
 3 *altissimus.* L. Low shady places. N. Jersey. 24. Aug.  
 yellow.  
 4 *decapetalus.* L. Borders of woods and on the sides of  
 hills. 24. Aug. yellow.  
 5 *frondosus.* L. In similar situations. 24. July—Sept.  
 yellow.  
 6 *angustifolius.* L. In the pine barrens of New-Jersey.  
*Eddy.* 24. Sept. yellow.
370. **RUDBECKIA.** L.  
*laciniata.* Willd. In swamps. New-Jersey, near Wee-  
 hawk. 24. Aug. yellow.
371. **COREOPSIS.** L. *Tick-seed sun-flower.*  
 1 *trichosperma.* Mx. In the cedar swamp at N. Durham.  
 8. July—Sept. yellow.  
 2 *gladiata.* Walt.  
*dichotoma.* Mx.  
 In the same place. 9. Sept. yellow.  
 3 *alternifolia.* L.  
*Actinomeris squarrosa.* Nutt.  
*Verbesina Coreopsis.* Mx.  
 In meadows. New-Jersey. 24. Aug. yellow.

## NECESSARIA.

372. **IVA.** L. *Bastard Jesuit's bark.*  
*frutescens.* L. (*High-water shrub.*) On the borders of  
 salt marshes. 24. Aug.—Sept.



## GYNADRIA.

## MONANDRIA.

373. **ORCHIS.** L.  
 1 *ciliaris.* L. In a swamp in Love-lane, and in Hoboken  
 meadows. 24. Aug. orange.  
 2 *cristata.* Mx. In the cedar swamp at N. Durham. 24.  
 July. pale-yellow.

- 3 *lacera*. Mx. In exsiccated swamps and in wet meadows.  
 2. July—Aug. greenish-white.
- 4 *tridentata*. Willd. In the cedar swamp at N. Durham.  
 2. July. greenish-white.
- 5 *spectabilis*. L.  
*humilis*. Mx.
- Rocky shady situations. Hills behind Hoboken, and in  
 Bloomingdale woods. 2. May—June. purple.
- 6 *orbiculata*. Ph. (*Heal-all.*)  
*rotundifolia*. Muhl. Cat.
- In wet meadows. Highlands of New-York. *Watkins*. 2.  
 June. greenish-white.
- 7 *fimbriata*. Willd. Meadows about Elizabethtown. N.  
 Jersey. *Ed.* July—Aug. purple.
- 8 *incisa*. Willd. Wet meadows. New-Jersey. 2. July.  
 purple.
- 374 **NEOTTIA**. Swartz. *Ladies' tresses.*
- 1 *tortilis*. Willd.  
*aestivalis*. Pers.  
*Ophrys aestivalis*. Mx.  
*Satyrium spirale*.
- In meadows and open woods. 2. July—Sept. white.
- 2 *cernua*. Swartz.  
*Ophrys cernua*. L.  
*Limodorum autumnale*. Walt.
- In wet boggy meadows. 2. Aug.—Oct. white.
- 3 *pubescens*. Willd.  
*Satyrium repens*. Mx.  
*Goodyera repens*. Brown.
- In shady woods. 2. July—Aug. white.
375. **ARETHUSA**. L. *Snake's mouth.*
- 1 *ophioglossoides*. L.  
*Pogonia ophioglossoides*. R. Brown.
- In the cedar swamp at New-Durham. 2. July. purple.
- 2 *pendula*. Muhl.  
*trianthophorus*. Sw.  
*nutans*. Le Conte's Cat.  
*parviflora*. Mx.  
*Triphora pendula*. Nutt.
- Fort Washington, N. York Island, and on the high hills  
 of Staten-Island. 2. Sept. pale-purple.
- 3 *bulbosa*. Sw. On Long-Island. *Haines*. In the cedar  
 swamp near Weehawk. June. purple.
376. **EPIPACTIS**. Swartz.  
*convallarioides*. Sw.  
*Ophrys cordata*. Mx.  
*Listeria convallarioides*. Brown.
- In the cedar swamp at N. Durham. 2. May. greenish and  
 purple.

## 377. MALAXIS. Swartz.

1 liliifolia. Sw.

Ophrys liliifolia. L.

Shady wet woods. Haerlem. Weehawk, &c. 24. June.  
white and green.

2 unifolia. Mx.

ophioglossoides. Willd.

In the cedar swamp, New-Durham. 24. June.

## 378. CYMBIDIUM. Willd.

1 pulchellum. Sw.

Limodorum tuberosum. L.

Calopogon pulchellum. Br.

Borders of the salt marsh, near Powles-Hook. New-Jersey.  
24. July. purple.2 Odontorhizon. Willd. (*Dragon's claw.*)

Ophrys Corallorhiza. Mx.?

Corallorhiza Odontorhiza. R. Br.

Shady woods. Bloomingdale, &amp;c. July—Sept.

3 hyemale. Willd. (*Adam and Eve. Putty root.*) Shady  
woods, in fertile soil. New-Jersey. May—June.  
green and purple.

## DIANDRIA.

## 379. CYPRIPEDIUM. L.

*Ladies' slipper. Indian shoe.*

1 pubescens. Willd.

Calceolus. B. L.

flavescens. Red.

In meadows, and on fertile woody hills. New-Jersey. 24.  
May—June. yellow.

2 parviflorum. Salisb.

Calceolus. Mx.

24. May. yellow. *Le Conte.*

3 spectabile. Willd.

Canadense. Mx.

In the cedar swamp near Weehawk, N. Jersey. 24. white  
and red. June.

4 acaule. Mx.

humile. Willd.

In shady woods. New-Jersey. On the summit of Butter-  
hill. Highlands of New-York. 24. June. purple.

## HEXANDRIA.

380. ARISTOLOCHIA. L. *Birth-wort. Virginian snake-root.*  
Serpentaria. L. Rocky shady woods. New-York,  
Weehawk, and on Long-Island. 24. June. purple.

## MONOECIA.

## MONANDRIA.

381. **ZOSTERA.** L. *Grasswrack.*  
*marina.* Vahl. On the sea shore, and in salt water  
 bays near New-York. 2.
382. **CAULINIA.** Willd.  
*flexilis.* Willd. In slow flowing streams. 2. Sept.
383. **CHARA.** L.  
*vulgaris.* L. (*Feather beds.*) In ponds, and slow flow-  
 ing streams. 2. July.

## DIANDRIA.

384. **LEMNA.** L. *Duck's meat.*  
 1 *minor.* L. In ditches and stagnant waters. 2. ? July  
 —Aug.  
 2 *polyrhiza.* L. In similar situations. Hoboken. 2. Aug.  
 3 *dimidiata.* Raf. Amer. Mon. Mag. In ponds, in woods,  
 near Brooklyn. v. v.

## TRIANDRIA.

385. **TYPHA.** L. *Cat's tail. Reed mace.*  
 1 *latifolia.* L. Marshes and pools. 2. June—July.  
 2 *angustifolia.* L. In similar situations. 2. June—July.
386. **SPARGANIUM.** L. *Burr reed.*  
 1 *ramosum.* Sw.  
*erectum.* L.  
 In ditches and small streams. 2. Aug.—Sept. white.  
 2 *Americanum.* Nutt.  
*simplex.* Muhl.—Ph.  
 In similar situations. 2. Aug.
387. **TRIPSACUM.** L. *Sesame grass.*  
*dactaloides.* Willd.  
*monostachyon.* Willd.  
 On the brow of the serpentine hill at Hoboken. 2. Aug.
388. **CAREX.** L. *Sedge.*  
 1 *sterilis.* Willd. In wet meadows. 2. May.  
 2 *polytrichioides.* Willd.  
*microstachya.* Mx.  
 Low wet places. 2. May.  
 3 *bromoides.* Schk. In boggy meadows. 2. May.  
 4 *squarrosa.* L.  
*typhina.* Mx.  
 In low boggy meadows. Greenwich. 2. June.  
 5 *pedunculata.* Willd. Moist shady grounds. 2. June—  
 July.  
 6 *lagopodioides.* Willd. In boggy meadows. 2. June.

- 7 scoparia. Willd. In similar situations. 2. June.  
 8 multiflora. Willd. In swamps. 2. May.  
 9 stipata. Willd. Wet meadows and swamps. May.  
 10 stellulata. Willd. In boggy meadows. 2. June.  
 11 sparginoides. Willd. Wet meadows. 2. June.  
 12 varia. Willd. On dry rocky hills, and in woods. 2.  
 April—May.  
 13 marginata. Willd. In dry woods. 2. May.  
 14 vestita. Willd. In bog meadows. 2. June.  
 15 subulata. Mx. In the cedar swamp at Weehawk. 2.  
 July.  
 16 tentaculata. Willd. In swamps. 2. May June.  
 17 rostrata. Mx. In swamps and low grounds. 2. June.  
 18 lupulina. Willd. In boggy meadows. Greenwich. 2.  
 June.  
 19 plantaginea. L. In woods and wet meadows. 2. April  
 —June.  
 20 anceps. Schr. In woods and on rocky hills. 2. April  
 —May.  
 21 oligocarpa. Willd. In woods. 2. May.  
 22 pseudo-cyperus. Willd. In the cedar swamp, N. Dur-  
 ham. June.  
 23 conoidea. Willd. In woods and moist shady grounds.  
 2. May.  
 24 laxiflora. Willd. Moist shady places. 2. May—  
 June.  
 25 folliculata. Willd.  
 inteumscens. Rudge. Lin. Trans.  
 In swamps. 2. June.  
 26 miliacea. Schk. In swamps. 2. May.  
 27 pellita. Willd. In swamps and low wet grounds. 2.  
 May—June.  
 28 crinita. Willd. In swamps. 2. June.  
 29 acuta. Willd. Marshes and banks of rivers. 2. May.  
 30 lacustus. Willd.  
 riparia. Muhl. Gram.  
 In swamps and borders of ponds. 2. June.  
 389. SCLERIA. Gaert. Whip-grass.  
 triglomerata Mx. In Newark meadows. Le Conte.  
 390. COMPTONIA. Gaert. Sweet fern.  
 asplenifolia. Ait.  
 Liquidambar asplenifolium. L.  
 Rocky woods. Bloomingdale, &c. 2. May.  
 391. SERPICULA. L.  
 occidentalis. Ph.  
 verticillata. Muhl. Cat.  
 Elodea Canadensis. Mx.  
 Udora Canadensis. Nutt.  
 In the Passaic, plentifully. Aug.—Sept. white.



## TETRANDRIA.

392. **ALNUS.** Willd. *Alder.*  
*serrulata.* Willd. (*Common or hazle alder.*)  
*Betula serrulata.* Ait.  
*rugosa.* Ehrh.  
 In swamps, woods and along hedges.  $\frac{1}{2}$ . March 26. April.
393. **URTICA.** L. *Nettle.*  
 1 *pumila.* Willd. (*Rich-weed.*) Wet shady places. ☉.  
 July—Aug.  
 2 *dioica.* L. (*Common-nettle.*) Road sides. Rare about  
 New-York.  $\frac{1}{2}$ . July.  
 3 *Canadensis.* L. In Newark meadows. *Eddy.*  $\frac{1}{2}$ .  
 Sept.
394. **BOEHMERIA.** Willd.  
*cylindrica.* Willd.  
*Urtica cylindrica.* L.  
 In shady swamps. Bloomingdale and Weehawk.  $\frac{1}{2}$ . July  
 —Aug.
395. **MORUS.** L. *Mulberry.*  
*rubra.* L. Woods. Bloomingdale.  $\frac{1}{2}$ . May—June.

## PENTANDRIA.

396. **XANTHIUM.** L. *Clotweed.*  
 1 *Strumarium.* L. (*Lesser burdock.*) In fields about  
 Harsimus, N. Jersey. ☉. Sept.  
 2 *Oriente.* Muhl. Cat.  
*maculatum.* Raf.  
*macrocarpon.* D. C. ?  
 On the sandy shores of the harbour of New-York, and on the  
 sea coast. ☉. Aug.—Sept.
397. **AMBROSIA.** L. *Hog-weed.*  
 1 *trifida.* L. On the banks of ditches and in waste places.  
 ☉. Sept.  
 2 *elatior.* L. In old fields. ☉. Sept.  
 3 *artemisifolia.* L. In old fields. ☉. Aug.—Sept.
398. **AMARANTHUS.** L.  
 1 *albus.* L. In old fields. ☉. July—Aug.  
 2 *hydridus.* L. In cultivated grounds. ☉. Aug.  
 3 *lividus.* L. In cultivated grounds. ☉. Aug.

## HEXANDRIA.

399. **ZIZANIA.** L. *Canada rice.*  
*clavulosa.* Mx. (*Water oats, or wild rice.*)  
*aquatica.* Ph.  
 In Hackensack meadows. ☉. Muhl.  $\frac{1}{2}$ . Ph. Aug.—Oct.

## POLYANDRIA.

400. CERATOPHYLLUM. L. *Horn-wort.*  
demersum. L. In stagnant waters and slow flowing streams. 2. July.
401. SAGITTARIA. L. *Arrow-head.*  
1 sagittifolia. L. In ponds and small creeks. Greenwich. July. white.  
2 latifolia. Willd.  
sagittifolia:  
In similar situations. 2. July—Aug. white.  
3 hastata. Ph. var. of *S. sagittifolia*? In the cedar swamps at Weehawk. New-Jersey. 2. July.  
4 lancifolia. Willd.? In ponds near Newburgh. 2. July. white.  
5 pusilla. Nutt. Muhl. Cat.?  
*Alisma subulata*. Mx. Ph.  
On the muddy banks of the small streams which flow into the Hackensack river, N. Jersey. 2. Aug. white.  
6 graminea. Mx. Ph.?  
graminifolia. Muhl. Cat.  
On the island of New-York. *Le Conte.*  
7 acutifolia. Ph. Nutt. On the muddy banks of the Passaic river. 2. Sept. white.
402. JUGLANS. L. 2. *Walnut. Hickory.*  
\*JUGLANS. L. and Nuttall.  
1 nigra. L. (*Black walnut.*) In woods. May.  
2 cinerea. L. (*Butter-nut.*)  
cathartica. Mx. f.  
In woods. Manhattanville and New-Jersey. May.  
3 hybrida. LC. Near where the eighth avenue intersects the road called Lake's Tour, about 3 miles from the city—a large tree. May.  
\*\*CARYA. Nuttall. *Hickoria. Raf.*  
4 compressa. Gaert. Willd. (*Shag-bark.*)  
alba. Mx.  
squamosa. Mx. f.  
In woods. May.  
5 alba. L. Willd. (*Common hickory.*)  
tomentosa. Mx.  
Woods. May.  
6 amara. Mx. f. (*Bitter-nutt.*) In woods. May.  
7 glabra. Muhl. (*Pig-nut.*)  
porcina. Mx. f.  
In woods. May.
403. QUERCUS. L. 2. *Oak.*  
1 Phellos. Willd. (*Willow oak.*) Grows 6 miles from S. Amboy, on the road to Monmouth, and about Long Branch.

2 tinctoria. Willd. (*Black oak. Quercitron.*)  
tinctoria angulosa. Mx.

Woods. May.

3 rubra. Willd. (*Red oak.*) In woods. New-York and  
New-Jersey. May.

4 falcata. Mx. (*Spanish oak.*)  
elongata. Willd.

In woods. Common in New-Jersey.

5 palustris. Willd. (*Swamp oak. Pin oak.*) Wet swampy  
woods. Bloomingdale.

6 stellata. Willd. (*Post oak. Iron oak.*)  
obtusiloba. Mx.

In woods. Common. May.

7 alba. Willd. (*White oak.*) In woods. Bloomingdale.

8 prinus. Willd. (*Chesnut white oak. Swamp chesnut oak.*)  
Q. prinus palustris. Mx.

Common in all the woods. May.

9 montana. Willd. (*Rock chesnut oak.*)  
monticola. Muhl. Cat.

Q. prinus monticola. Mx.

In Bloomingdale woods.

404. CORYLUS. L.  $\frac{1}{2}$ . *Hazle nut.*

Americana. Wang. Woods. April—May.

405. FAGUS. L.  $\frac{1}{2}$ . *Beech.*

ferruginea. Ait. Bloomingdale woods. May.

406. CASTANEA. Tourn.  $\frac{1}{2}$ . *Chesnut.*

vesca, var. Americana. Mx.

Fagus Castanea. L.

Bloomingdale woods. June. July.

407. BETULA. L.  $\frac{1}{2}$ . *Beech.*

1 populifolia. Ait. (*Broom birch.*)

acuminata. Ehrh.

In woods. New-Jersey. June.

2 excelsa. Ait. (*Yellow birch.*)

lutea. Mx. f.

Bloomingdale. May.

3 nigra. L. (*Black or sweet-scented birch.*)

lanulosa. Mx.

rubra. Mx. f.

On the banks of rivers. New-Jersey. New-York Island.

*Le Conte.* May.

4 papyracea. Willd. (*Paper birch. Canoe birch.*)

papyrifera. Mx.

Grows about Plandome, L. I. *Eddy.*

5 glandulosa. Willd. On the island of New-York. *Le  
Conte.*

6 tremula. Mx. f. In Bloomingdale woods.

408. CARPINUS. L.  $\frac{1}{2}$ .

*Hornbeam.*

Americana. Willd.

- Virginiana. Mx. f.  
Woods. April—May.
409. OSTRYA. Micheli.  $\frac{1}{2}$ . Hop-hornbeam.  
Virginica. Willd. (*Iron wood. Lever-wood.*)  
Carpinus Virginiana. Lmk.  
In woods and on the banks of rivers. New-York and New-Jersey. May.
410. PLATANUS. L.  $\frac{1}{2}$ . Plane-tree.  
occidentalis. L. (*Button wood.*) Woods, &c. May.
411. LIQUIDAMBAR. L.  $\frac{1}{2}$ . Sweet-gum. Gum-tree.  
Styraciflua. L. (*Bilstead.*) Woods. May.
412. ARUM. L. Wake robin.  
1 triphyllum. L. (*Indian turnip. Man-in-a-pulpit.*) Wet shady woods.  $\frac{1}{4}$ . May—June. Dioica. a. spatha *virrescute.* (Mas.) b. spatha *atropurpurea.* (foemina.)  
2 Virginiana. L. (*Poison arum.*)  
Calla Virginica. Mx.  
In the cedar swamp at N. Durham.  $\frac{1}{4}$ . July. spatha green.
413. CALLA. L. Water arum.  
palustris. L. In the cedar swamp at N. Durham.  $\frac{1}{4}$ . July.

## MONADELPHIA.

414. PINUS. L.  $\frac{1}{2}$ . Pine. Spruce.  
1 Canadensis. L. (*Hemlock spruce.*)  
Abies Canadensis. Mx.  
Woods. Manhattanville. May—June.  
2 nigra. Ait. (*Double spruce.*)  
Abies denticulata. Mx.  
In the cedar swamp at New-Durham. May.  
3 inops. Ait. In the barrens of New-Jersey. May.  
4 Strobis. L. Near Manhattanville. Rare near N. York. May.  
5 rigida. L. In woods. rare. May.  
6 pendula. Ait. In the cedar swamp at New-Durham.
415. THUYA. L.  $\frac{1}{2}$ . Arbor vitae.  
occidentalis. L. (*White cedar.*) On the rocky banks of the Hudson. New-York and New-Jersey. May.
416. CYPRESSUS. L.  $\frac{1}{2}$ . Cypress.  
thuyoides. L. (*White cedar. Swamp cedar.*) Cedar swamps, New-Durham. May.
417. ACALYPHA. L. Three seeded mercury.  
Virginica. L. Dry gravelly soil, and on rocks.  $\odot$ . Aug.
418. SICYOS. L. Single seeded cucumber.  
angulata. L. Banks of rivers. Frequent in cultivated grounds.  $\odot$ . Sept. white.

## DICECIA.

## DIANDRIA.

419. VALLISNERIA. L.  
 spiralis. L. ?  
 Americana. Mx.  
 Near the mouth of Fishkill creek. *Knevels*. The peduncles were invariably spiral. 21. Aug.
420. SALIX. L.  $\frac{1}{2}$ . Willow.  
 1 Muhlenbergiana. Willd.  
 incana. Mx.  
 In swamps. Bloomingdale. April—May.  
 2 conifera. Willd.  
 eriocephala. Mx.  
 Banks of ditches and in swamps. April.  
 3 nigra. Willd.  
 Caroliniana. Mx.  
 Swamps and wet woods. April—May.  
 4 vitellina. L. Along hedges, ditches, and on road sides.  
 May. §.  
 5 Babylonica. L. (*Weeping-willow*.) Introduced. May.  
 6 lucida. Willd. In the cedar swamp, New-Durham.  
 May.

## TETRANDRIA.

421. MYRICA. L.  $\frac{1}{2}$ . Gale.  
 cerifera. L. (*Candle-berry*. *Bay-berry*.) Woods and  
 copses. May.

## PENTANDRIA.

422. NYSSA. L.  $\frac{1}{2}$ . Tupelo.  
 1 villosa. Mx. (*Sour-gum*.)  
 multiflora. Walt.  
 In woods, and on the banks of rivers. June.  
 2 biflora. Willd. Mx. (*Pepperidge*.)  
 aquatica. L.  
 On the island of New-York. *Le Conte*. L. Island. ?
423. ACNIDA. L. Wild-hemp.  
 cannabina. L. In salt marshes. ☉. July—Aug.

## HEXANDRIA.

424. SMILAX. L. Green-briar. Rough bind-weed.  
 1 glauca. Mx.  
 sarsaparilla. L.  
 In swamps.  $\frac{1}{2}$ . June—July.

2 rotundifolia. L. Willd.  
quadrangularis. Willd.

Hedges, &c. common.  $\frac{1}{2}$ . June.

3 caduca. L. Hedges and borders of woods.  $\frac{1}{2}$ . June.

4 laurifolia. L. On the island of New-York. *Le Conte.*  $\frac{1}{2}$ .

5 herbacea. L. Moist shady places. Greenwich.  $\frac{1}{4}$ .  
June.

425. DIOSCOREA. L. *Fam-root.*

villosa.

paniculata. Mx.

Climbing in hedges.  $\frac{1}{4}$ . June.

### OCTANDRIA.

426. GLEDITSCHIA. L.  $\frac{1}{2}$ . *Honey locust.*  
tricanthos. L. June. white. Introduced from the  
southern states. ?

427. POPULUS. L.  $\frac{1}{2}$ . *Poplar. Aspen.*

1 candicans. Ait. On the serpentine hills at Hoboken.  
Native. ?

2 tremuloides. Mx. (*Aspen.*)

laevigata. Willd. ?

In Bloomingdale woods.

3 heterophylla. L. Mx. (*Cotton-tree.*) Swamps in Bloom-  
ingdale woods.

4 grandidentata. Mx. In Bloomingdale woods. *Le Conte.*

5 betulifolia. Ph. On the Hackensack road, near Hobo-  
ken. N. Jersey.

### DODECANDRIA.

428. MENISPERMUM. L. *Moon-seed.*

Canadense. L. In moist woods and in hedges.  $\frac{1}{4}$ . July,  
yellowish-white.

### MONADELPHIA.

429. JUNIPERUS. L.  $\frac{1}{2}$ . *Juniper. Cedar.*

1 communis,

var. *depressa.*

Woods near Fishkill. June.

2 Virginiana. L. Woods, &c. April—May.

430. TAXUS. L. *Yew.*

Canadensis. Willd.

baccata minor. Mx.

Near Fishkill. *Judge Verplank.*

## CRYPTOGAMIA.

## GONOPTERIDES.

431. **EQUISETUM.** L. *Horse-tail.*  
 1 arvense. L. Low boggy grounds. 24. April 17.  
 2 sylvaticum. Willd. In woods. 24. May.  
 3 palustre. L. ? Marshes and banks of rivers. N. Jersey.  
 24. June.  
 4 hyemale. L. (*Scouring rush.*) Bogs and marshes.—  
 Greenwich. 24. April.  
 5 scirpioides. Mx. Pine barrens of New-Jersey. *Eddy.*

## STACHYOPTERIDES.

432. **LYCOPodium.** L. *Club-moss.*  
 1 clavatum. Willd. Woods. 24. July.  
 2 complanatum. L. Dry rocky woods. 24. Aug.  
 3 dendroideum. Willd. (*Ground pine.*)  
 obscurum. L.  
 In woods. Bloomingdale. 24. July.  
 4 selaginoides. Willd. Moist woods. Bloomingdale. 24.  
 June.  
 5 rupestre. L. On rocks in woods. Bloomingdale, and  
 Fort-Washington. 24. June—July.  
 6 apodum. Willd. ? On moist rocks in Bloomingdale  
 woods. 24. July.  
 7 lucidum. Willd. In woods. 24. June—July.  
 433. **BOTRYCHIUM.** Willd. *Rattle-snake fern.*  
 1 fumaroides. Willd.  
 Botrypus lunaroides. Mx.  
 Osmunda biternata. Lmk.  
 Moist shady woods. Manhattanville. 24. Aug.  
 2 dissectum. Willd. Moist shady woods. Bloomingdale.  
 24. Aug.  
 3 Virginicum. Willd.  
 Osmunda Virginica. L.  
 Botrypus Virginicus. Mx.  
 In similar situations. 24. July.  
 4 gracile. Ph. In the woods at Bloomingdale, and on the  
 hills at Hoboken. 24. July.

## SCHISMATOPTERIDES.

434. **OSMUNDA.** L. *Flowering fern.*  
 1 cinnamomea. Mx.  
 Claytoniana. Mx.  
 Low swampy grounds. 24. June.  
 2 interrupta. Mx. Marshy grounds and banks of rivers.  
 24. June—July.

- 3 spectabilis. Willd.  
regalis, B. Mx.  
Swamps. Greenwich. 2. June.

## FILICES.

435. POLYPODIUM. *Polypody.*  
1 vulgare,  
var. Virginicum.  
P. Virginianum. L.  
On rocks. 2. July.  
2 hexagonopterum. Willd. Moist woods. Bloomingdale  
and Hoboken. 2. Aug.
436. { ASPIDIUM. Swartz. } *Shield Fern.*  
{ NEPHRODIUM. Mx. }  
1 acrostichoides. Willd.  
N. acrostichoides. Mx.  
Shady rocky places. 2. June—July.  
2 Noveboracense. Willd.  
N. thelyptroides. Mx.  
Polypodium noveboracense. L.  
Low wet places, and in woods. 2. July.  
3 cristatum. Willd.  
Polypodium cristatum. L.  
On the sides of shady rocks. Bloomingdale. 2. July—  
Aug.  
4 obtusum. Willd. On rocks. Hoboken. 2. June.  
5 marginale. Willd.  
N. marginale. Mx.  
Polypodium marginale. L.  
On rocks and in woods. 2. June—Aug.  
6 Americanum. LC.  
Felix mas. Ph.  
High rocky hills. New-Jersey. 2. June.  
7 bulbiferum. Willd.  
N. bulbiferum. Mx.  
Polypodium bulbiferum. L.  
Rocky woods. On the Island of New-York. *LeConte.* 2.  
July.  
8 asplenoides. Willd.  
N. asplenoides. Mx.  
In woods. 2. July.  
9 angustum. Willd.  
Nephrodium Felix foemina. Mx.  
In woods. 2. July.  
10 tenue. Willd.  
N. tenue. Mx.  
On rocks in woods. 2. July.  
11 rufidulum. Willd.  
N. rufidulum. Mx.  
On rocks. New-Jersey.



437. *ONOCLEA*. L. *Sensitive fern.*  
*sensibilis*. L. Low shady grounds. 21. June.
438. *ASPLENIUM*. L. *Spleen-wort.*  
 1 *rhizophyllum*. L. Wet rocks, near springs. 21. June.  
 2 *ebeneum*. Willd.  
*trichomanoides*. Mx.  
 Shady rocks. 21. July—Aug.  
 3 *melanocaulon*. Willd.  
*Trichomanes*. Mx.  
 On the sides of rocks. 21. July.  
 4 *Ruta muraria*. L. (*Wall-rue*.) On steep precipices. 21.  
 June.
439. *PTERIS*. L. *Brake.*  
 1 *atropurpurea*. L. On rocks. 21. June.  
 2 *aquilina*. L. (*Common brake*.) In woods. 21. July—Aug.
440. *WOODWARDIA*. Sm.  
 1 *angustifolia*. Sm.  
*onocleoides*. Willd.  
 In exsiccated swamps. Long-Branch. N. J. *Cooper*. 21. Aug.  
 2 *Virginica*. Willd.  
*Bannisteriana*. Mx.  
*Blechnum Virginicum*. L.  
 In swamps. New-York and New-Jersey. 21. Aug.
441. *ADIANTUM*. L. *Maiden hair.*  
*pedatum*. L. Wet shady places. 21. July.
442. *DICKSONIA*. L'Her.  
*pilosiuscula*. Willd.  
*Nephrodium punctilobulum*. Mx.  
 Shady woods. 21. July.

## MUSCI, according to Palisot de Beauvois.

443. *SPHAGNUM*. *Peat moss.*  
 1 *capillifolium*.  
*vulgare*. Mx.  
 In the cedar swamp at New-Durham. Aug.  
 2 *cymbifolium*.  
*B. Americanum*.  
*S. vulgare*. Mx.  
 In moist shady woods and in swamps. Aug.
444. *PHASCUM*. *Earth moss.*  
 1 *muticum*. Borders of the salt marshes at Hoboken. May.  
 2 *coherens*. On moist ground. Oct.
445. *GYMNOSTOMUM*.  
 1 *pyriforme*. In fields and pastures. May.  
 2 *prorepens*. Among rocks. June.
446. *HEDWIGIA*.  
*filiformis*.  
*Anictangium filiforme*. Hedw. Mx.  
 On rocks—flowers through the season.
447. *TETRAPHIS*.  
*pellucida*. In moist shady woods. Bloomingdale. July.

448. **FISSIDENS.** *Fork moss.*  
*subbasilaris.* In moist woods. Aug.
449. **CECALYPHUM.**  
 1 *longirostrum.* P. de B. In wet woods. July.  
 2 *scoparium.* Swamps. Common. June—Aug.  
 3 *sciuroides.* On the trunks of old trees. May.  
 4 *tortila.* P. de B. In swamps. June.
450. **DICRANUM.** *Fox moss.*  
 1 *heteromallum.* In woods. May.  
 2 *glaucum.* On the shaded cliffs of rocks in Bloomingdale.  
 woods. May.  
 3 *Xanthodon.* Moist rocks.  
 4 *tenue.*  
*Trichostomum tenue.* Hedw.  
 Clayey moist fields. May.  
 5 *purpurascens.* Banks, road sides. Aug.  
 6 *ambiguum.* In sandy fields. *Trematodon longicollis.* Mx.
451. **DIDYMODON.**  
*pallidum.*  
*Trichostomum pallidum.* Hedw. Mx.  
 In muddy woods. May.
452. **TRICHOSTOMUM.**  
*Canadense.* Mx. In dry woods.
453. **GRIMMIA.**  
 1 *apicola.* Banks—road sides. April—May.  
 2 *controversa.* Muhl. Cat. ?  
*Bryum controversum.* P. de B.  
 Sandy overflowed places. New-Jersey. Oct.
454. { *MASCHALOCARPUS.* Spreng.  
 { *PTERIGYNANDRUM.* Hedw. P. de B.  
*marginatum.* Mx. On the trunks of trees.
455. **FUNARIA.**  
 1 *hygrometrica.* Along fences, in shaded situations—  
 Greenwich. Oct.  
 2 *flavicans.* Mx. On the borders of the salt marsh at Ho-  
 boken. May.
456. **BRYUM.**  
*microodontum.*  
*Weissia microodonta.* Hedw. Mx.  
*Grimmia microodonta.* Muhl. Cat. ?  
 On the wet rocks at Patterson falls. Sept.
457. **TORTULA.**  
*tortuosa.* About the roots of old trees. May.
458. **BARBULA.**  
*acuminata.* Hills about Hoboken. May.
459. { *DIPHYSCIUM.* Spreng.  
 { *HYMENOPOGON.* P. de B.  
*foliosum.* Spreng.  
*H. heterophyllum.* P. de B.  
*Buxbaumia foliosa.* L.  
 Around the decaying stumps of trees. Bloomingdale. Aug.

460. **BUXBAUMIA**.  
 aphylla. On the rotten stumps of trees. Bloomingdale.  
 Aug. very rare.
461. **FONTALIS**. *Water moss.*  
 antipyretica. On stones in brooks.
462. **BARTRAMIA**.  
 cripisa. On rocks in woods. April.
463. { **ORTHOPYXIS**.  
 { **ARRHENOPTERUM**. Hedw.  
 1 heterostycha. In swamps and wet shady woods. May. June.  
 2 androgyna. Moist woods.  
 3 palustris. Common in swamps and wet shady places. July.
464. **MNIUM**.  
 1 cuspidatum. Moist banks, road sides, &c. May.  
 2 punctatum. Cedar swamp, New-Durham. July.  
 3 roseum. Swamps and wet woods. July.  
 4 pyriforme. In moist sandy fields. May.
465. **CLIMACIUM**. Spreng. *Tree moss.*  
 dendroides.  
 Hypnum dendroides. L. P. de B.  
 Leskea dendroides. Hedw. Mx.  
 In woods and on moist shady rocks. July. rarely flowering.
466. **HYPNUM**.  
 1 cupressiforme. Wet woods.  
 2 serpens. Moist woods and on rocks. May—June.  
 3 stellatum. Wet woods. May—June.  
 4 setaceum. Shady woods.  
 5 triquetrum. Swamps. New-Jersey.  
 6 delicatulum. Wet shady places.  
 7 illecebrum. Borders of ponds. May.  
 8 cuspidatum. Cedar swamps.  
 9 compressiforme. On the trunks of old trees and on rocks.  
 Aug.  
 10 squarrosum. Moist shady situations. May.  
 11 molluscum. On rocks in woods.
467. **NEKERA**.  
 heteromalla. On rocks. May—June.
468. **ORTHOTRICHUM**.  
 1 commune.  
 anomalum. Hedw.  
 On rocks. common. April.  
 2 cupulatum. On rocks and trunks of trees. April—May.  
 3 diaphanum. On rocks. April.
469. { **ATRICHUM**.  
 { **OLIGOTRICHUM**. Decand.  
 undulatum. In woods and in moist places on road sides  
 very common. July.
470. **POGONATUM**.  
 1 ambiguum.  
 Polytrichum ambiguum. Mx.

In shady woods.

2 brevicaule.

Polytrichum Pennsylvanicum. Mx.

Moist banks and road sides.

471. POLYTRICHUM.

1 juniperinum. In dry woods. July.

2 piliferum. On rocks at Patterson falls.

3 perigoniale. Mx. In woods and on road sides. June—July.

HEPATICÆ.

472. JUNGERMANNIA.

1 Epiphylla. On the earth in moist woods.

2 pinguis. Wet mossy banks. November.

3 furcata. On old trees.

4 pusilla. On moist ground.

5 tridenticulata. Mx. In swamps.

6 platyphylla. On the trunks of old trees and on rocks.

7 tamarisci. On rocks and woods.

8 complanata. On the trunks of trees. Common.

9 nemorosa. In swamps.

10 dilatata. On the trunks of trees.

11 tomentella. Wet shady woods.

12 orbicularis. ? Mx. In woods, among mosses.

473. MARCHANTIA.

1 polymorpha. In the cedar swamp at New-Durham. July.

2 hemispherica. In gravelly shady situations, in gardens.  
September.

3 conica. Mossy shady banks. Clark's woods. October.

4 cruciata. On the sides of hills near the arsenal, Bergen.  
May.

5 tenella. Mx. With the preceding. May.

474. RICCIA.

1 glauca. On wet ground.

2 natans. Floating with lemna, in stagnant waters.

3 fluitans. With the preceding.

ALGÆ.

475. CONFERVA.

1 rivularis. In creeks, &c. Summer.

2 velutina. (*Byssus*.) On moist earth.

3 fluvialis. In slow flowing streams.

4 glomerata. On stones, &c. in ponds.

476. CERAMIUM.

1 diaphanum. In the ocean.

2 littoralis. On the sea shore.

477. FUCUS.

1 vesiculosus. On rocks in salt water.

2 nodosus. With the former.

3 spiralis. With the former.

4 natans. On the sea shore.

5 purpurascens. With the former.

## 478. ULVA.

- 1 latissima. On the shores of Long-Island.
- 2 purpurea. With the former.
- 3 intestinalis. In ditches.
- 4 lactuca. In salt water.
- 5 lubrica. In ditches.

## 479. NOSTOC.

- pruniforme. Agardh. Synop. Alg. Scand. p. 134.  
In fresh water ponds. New-Jersey. Oct. *Cumberland.*

## LICHENES, according to Acharius

## 480. ARTHONIA.

- punctiformis. On the branches of trees.

## 481. LECIDEA.

- 1 immersa. On rocks.
- 2 incana. Syn. Meth. Lich.  
*Lepraria incana.* Lich. Uniev.

On the bark of old trees.

- 3 muscorum. In woods on moist ground.
- 4 sabulaetorum, *B. geochroa.* Meth. Lich.  
*muscorum, B. geochroa.* Lich. Uniev.

On the steatitic hills, Staten-Island.

- 5 icmadophylla. On the trunks of trees.
- 6 alba. On the trunks of trees.

## 482. GYROPHORA.

- 1 papulosa.  
*Umbilicaria pustulata.* Mx.

On rocks. Fort Washington.

- 2 vellea.  
*Umbilicaria vellea.* Mx.

On rocks.

## 483. CALICIUM.

- 1 turbinatum. On the stumps of decaying oak trees.
- 2 stigonellum. With the preceding.

## 484. GRAPHIS.

- 1 scripta. On the smooth bark of trees. *Betula, &c.*

## 485. VERRUCARIA.

- stigmatella. On the trunks of trees.

## 486. ENDOCARPON.

- miniatum. On wet rocks. Patterson falls.

## 487. PORINA.

- pertussa. On the trunks of trees.

## 488. VARIOLARIA.

- 1 communis. On the bark of trees and on rocks.
- 2 amara. In similar situations.

## 489. LECANORA.

- 1 parella. On rocks.
- 2 subfusca. On the trunks of trees.

## 490. EVERNIA.

- prunastri. On the trunks of trees.

491. **STICTA.**  
 1 pulmonacea. In woods and on rocks.  
 2 sylvatica. In woods, at the roots of trees.
492. **PARMELIA.**  
 1 caperata. On rocks.  
 2 perforata.  
 Lobaria perforata. Mx.  
 On rocks and trunks of trees.  
 3 crinita. Muhl. Cat.  
 Syn. Meth. Lich.  
 On the branches of trees in swamps.  
 4 herbacea. On the earth in woods.  
 5 olivacea. On the trunks of trees.  
 6 saxatilis. On rocks.  
 7 stellaris. On trees.  
 8 centrifuga. On rocks.  
 9 conspersa. On rocks.  
 10 physodes. On trees, about their roots.
493. **BORRERA.**  
 1 ciliaris. On trees.  
 2 chrysothalma. On trees and old fences.
494. **CETRARIA.**  
 1 juniperina. On trees, and old fences.  
 2 islandica. (*Iceland moss.*)  
 Physcia Islandica. Mx. On the earth in woods.
495. **PELTIDEA.**  
 1 venosa. In wet woods on the earth.  
 2 horizontalis. On mossy rocks.  
 3 apthosa. In woods.  
 4 canina. On the earth in woods.
496. **ISIDIUM.**  
 coralloides. On rocks. Weehawk.
497. **CENOMYCE.**  
 1 pyxidata. On the earth. Woods, &c.  
 2 coccifera. With the preceding, and on rotten stumps.  
 3 deformis. On the earth. Woods, &c.  
 4 cornuta. With the preceding.  
 5 uncialis. With the preceding.  
 6 cariosa. With the preceding.  
 7 rangiferina. In woods, on rocks, and among moss.
498. **BÆOMYCES.**  
 roseus. On the earth, in woods.
499. **STEREOCAULON.**  
 paschale. In dry woods.
500. **ALECTORIA.**  
 jubata.  
 Setaria trichodes. Mx.  
 On the branches of trees.
501. **RAMALINA.**  
 1 fraxinea.  
 Physcia fraxinea. Mx. On the trunks of trees.

- 3 fastigiata. On trees.
502. USNEA.
- 1 florida. On the trunks of trees.
  - 2 plicata. On the branches of trees.
  - 3 angulata. Muhl.—Syn. Meth. Lich.—Eat. Man. Bot. p. 478. On the trunks of trees.
503. COLLEMA.
- tremelloides. Among moss, in woods.
504. LEPRARIA.
- 1 flava. Trunks of old trees.
  - 2 incana. On rotten trees.
  - 3 botryoides. Bark of old trees.

## FUNGI, according to Persoon.

505. SPHAERIA.
- 1 hypoxylon. On stumps of trees. Hoboken. May.
  - 2 coccinea. On rotten wood.
506. TUBERCULARIA.
- vulgaris. On rotten wood. Summer.
507. TUBER.
- cibarium. (*Truffle.*) Under ground, in sandy fields. Love-lane.
508. GEASTRUM.
- rufescens. Hills. Hoboken. Summer.
509. LYCOPERDON.
- 1 bovista. Fields. Summer and Autumn.
  - 3 pratense. Fields. Spring.
  - 3 pyriforme. Stumps of rotten trees. Autumn.
510. STEMONITES.
- typhina. On stumps of trees and rotten woods. July.
511. MUCOR.
- Mould.
- 1 mucedo. On putrifying fruit, &c. Summer.
  - 2 herbariorum. On dried plants.
512. OXYGENA.
- equina. On the cast off hoofs of horses.
513. AECIDIUM.
- 1 anemones. On the leaves of *Anemone nemorosa*. May.
  - 2 claytoniae. On *Claytonia Virginica*. April.
  - 3 pyrolae. On *Pyrolae rotundifolia*. June.
  - 4 rubi. On *Rubus procumbens*. Summer.
514. UREDO.
- 1 segetum. (*Smut.*) On *Arundo phragmites*, and on other grasses.
  - 2 linearis. On the leaves of rye, &c.
515. CYATHUS.
- olla. On rotten wood, in shady places.
516. PHALLUS.
- 1 impudicus. ? Fields and borders of woods. October.—This is probably the *P. impudicus* of Muhlberg's Catalogue, but is hardly the plant described under that name in Persoon's Fungi; our plant has an *indusium*, of which the European plant is destitute.

- 2 coccineus. Borders of fields. Greenwich. October.
517. AMANITA.  
livida. In woods. Autumn.
518. AGARICUS. *Mushroom, toad-stool, &c.*  
1 caudicinus. Stumps of trees. Hoboken. October.  
2 rufo-violaceus. Fields, along fences. Oct. Nov.  
3 coccineus. Woods. October.  
4 hypnorum. Among mosses. Road sides. Summer.  
5 corticola. On the barks of trees, in woods.  
6 disseminatus. About the stumps of poplar trees. Summer.  
7 domesticus. In cellars.  
8 campestris. (*edible mushroom.*) Fields, road sides, &c.  
9 piperitus. Woods. Autumn.  
10 rosaceus. Woods. Summer.  
11 involutus. Woods. June.  
12 inconstans. Stumps of trees, in obscure situations. July.  
13 epiphyllus. On dead leaves, in Autumn.  
14 coriaceus. Stumps of trees.
519. MERULIUS.  
canthrellus. Shady woods. July.
520. DAEDALEA.  
quercina. On the stumps of trees.
521. BOLETUS.  
1 edulis. Woods. Summer.  
2 lucidus. On the decaying trunks of trees. Summer.  
3 villosus. In similar situations, near Patterson.  
4 igniarius. On old trees, about their roots.  
5 frumentarius. In similar situations.  
6 versicolor. On old trees, fences, &c.  
7 cinnabarinus. On the fallen trunks of trees. June.  
8 hepaticus. About the roots of trees. Summer.
522. SISTOTREMA.  
1 cinereum. Trunks of trees.  
2 cerasi. Branches of trees, posts, &c.
523. HYDNUM.  
1 gelatinosum. On rotten logs, in obscure situations, Aug.  
2 imbricatum. Woods. Autumn.
524. CLAVARIA.  
1 formosa. Woods. Aug. Sept.  
2 grisea. On putrid wood. June.  
3 corniculata. With the former. June.  
4 pistillaris. On the earth, in woods. Summer.
525. HELVELLA.  
mitra. On rotten logs. Aug.
526. MORCHELLA.  
esculenta. (*Morel.*) Borders of woods. June.
527. PEZIZA.  
1 bolaris. On sticks, &c. in wet woods.  
2 leucomela. On the dead branches of trees.
528. ISARIA.  
mucida. On dried fungi.



529. *MONILA*.  
fructigena. On putrid fruit.
530. *RACODIUM*.  
xylostroma. On the bark of old and dead trees.
531. *HIMANTIA*.  
candida. On dead leaves in Autumn.

## NOTES.

Page 10. *Gratiola neglecta*, nobis : *G. caule pubescente assurgente tereti ; foliis glabris lanceolatis pauci-dentato-serratis basi attenuatis connatisque : calycis foliolis aequalibus ; filamenta sterilia nulla.*

Root fibrous, perennial. Stem about six inches, branched at the base, round ; leaves broad-lanceolate, narrowed at the base and a little connate, smooth, rather obtuse. Peduncles varying in length, some of them shorter, and some longer than the leaves, the upper ones opposite. Calyx with obtuse lanceolate segments a little more than one third the length of the corolla ; bracts longer than the calyx, beset with glanduliferous hairs. Corolla with divisions rounded, the upper segment longer, and all of them emarginate ; limb white ; tube yellow, bent obliquely, smooth ; throat hairy. Filaments shorter than the tube. Stigma oblique, compressed. Capsule ovate, acutish, and about the length of the calyx.

This species approaches very near to *G. Virginica*, and may be the plant which Pursh has described as such. From the *G. Virginica* of Elliott it differs in several circumstances. Particularly in having a pubescent stem, and in the absence of abortive stamina. It has great affinity to *Gratiola sphaerocarpa*. Ell.

Page 11. *Utricularia striata*, Le Conte : *U. Scapo 2-3-floro ; nectario recto obtuso : labio superiore ovato rotundato subemarginato, margine undulato, palato bilobo : labio inferiore trilobo lateribus reflexis, nectario longioribus : corolla striis rubris manifestis.*

Stems submerged. Roots, (leaves ?) capillary, diverging, sparingly furnished with utriculi. Scape about a foot high, seldom perfecting more than two flowers, which are large and elegantly striated with red.

Page 13. *Cyperus caespitosus*, nobis : *C. culmo acute triquetro ; umbella radiata vel subradiata laxa radiis brevibus : involucra 4-phylla 2 longissimis : spicis lineari-lanceolatis compressis acutis : stamina duo : stylus bifidus, semen oblongum obtusum compressum.*

Roots fibrous, perennial. Culm growing in tufts, 5 to 12 inches high. Leaves situated mostly at the base of the culm and nearly equalling it in height, narrow-linear. Umbel sometimes very distinctly rayed ; the rays about three in

number. Involucrum of two short and two very long leaves. Spikes very acute, in fascicles on the rays, seldom crowded. Glumes rather rigid, the carina green and striated, the rest of a chesnut colour. Seed glabrous. Grows on the borders of salt marshes, and is particularly plentiful on the banks of ditches in Hoboken meadows, where it forms large patches. When it grows in overflowed places it is much taller and the rays of the umbel are very distinct. It appears to be confined to the vicinity of salt water.

Page 13. *Cyperus dianthus*, nobis : C. culmo debili obtuse trigono ; umbella subuniradiata et fasciculiflora : involucrum 3-phyllum, 2 umbella multo longiore : spicis castaneis lanceolato-oblongis compressis multifloris (14-16 :) glumis acutiusculis carinatis : stamina duo : stylus bifidus : semen ovatum compressum.

Root fibrous, perennial. Culm very slender, reclining on other plants, or decumbent, and generally solitary or thinly scattered. Leaves few, short and linear-lanceolate. Umbel simple, generally with one ray from the fascicles of spikes. Involucrum of two long leaves and one short one, very smooth. Glumes with a green carina, and chesnut colored sides, much compressed. Styles very long. Seed grey, smooth.

A delicate and handsome species, growing in salt marshes. It is rarer than the former, but not uncommon in Hoboken meadows, generally in overflowed situations. It may have been heretofore confounded with *C. flavescens*, from which however, it is distinct.

Page 15. *Milium amphicarpon*, Pursh. Flora Amer. Sept. 1. p. 62. t. 2.

Specimens of this plant collected by M. Goldy in Monmouth Co. N. Jersey, agree exactly with Pursh's figure, but the flowers of the panicle are hermaphrodite, and produce perfect seeds. Its specific character should therefore be altered.

M. culmo glabro : foliis lineari-lanceolatis hirsutis ciliatis : panicula simplici, ramis erectis racemiferis : floribus hermaphroditis lanceolatis trinerviis : floribus femineis in scapis unifloris radicalibus vaginatis, glumis oblongis ventricosis acuminatis glabris.

There can scarcely be a doubt but that this is the *Milium ciliatum* of Muhlenberg, (*Descrip. Uber. Gram. p. 77.*) as his description agrees minutely with our specimens, though he does not notice the remarkable radical inflorescence, merely remarking "radix granulosa." Perhaps this character is not constant. Hermaphrodite flowers : Calyx 2-valved lanceolate unequal, acute ; the interior shorter and a little cleft at the apex, and both of them 3-nerved, smooth. Corolla 2-valved, equal, of the length of the interior valve of the calyx, smooth and nerveless ; the exterior clasping the interior valve. Stamina 3 ; filaments a little longer than the germen ; anthers dark purple, plumose. Seed oblong, smaller than in the female flowers. Female flowers : Calyx 2-valved ; valves acuminate, the exterior distinct from the interior one, and of

a different texture. Valves of the corolla coriaceous, as well as the inner valves of the calyx. Seed ovate, brown. Styles 2. No traces of stamina.

Page 15. *Agrostis compressa*, nobis : A. glaberrima : culmo erecto compresso simplici : panicula oblonga subcontracta ramosa capillari : calycibus aequalibus corolla brevioribus, valvulis acutis : corolla aequalis obtusiuscula basi glabra.

Root perennial. Culm about a foot and a half high, leafy soboliferous at the base. Leaves linear, very narrow, almost as tall as the culm, glaucous, keeled or compressed. Stipule truncate very short. Sheaths smooth, compressed and carinate, often standing off from the culm, and never surrounding it. Panicle terminal, purple, sparingly branched ; branches erect and virgate. Calyx : valves much shorter than the corolla, lanceolate ; inner valve 1-nerved, serrulata on the keel, notched at the apex ; sometimes it is mucronate and rather obtuse, or denticulate. Corolla : valves smooth, lanceolate, and often split down to the base. Stamina. Styles 2. Stigmas purple.

Collected in swamps in New-Jersey, by Mr. Goldy, an English botanist.

Page 16. *Uralepsis aristulata*, Nuttall. Gen. Amer. Pl. p. 62, and additions.

This grass is covered with a viscid acid substance, which deserves to be investigated. It strongly reddens vegetable blues, and has a very peculiar taste. It appears to be a secretion from the plant, and can be observed, appearing like dew upon the hairs which cover it.

Page 17. *Panicum macrocarpon*, Le Conte. Monograph. Panic. M. S. P. culmo erecto vaginisque pubescentibus, nodis nudis : foliis latis lanceolatis cordatis utrinque nervosis glabris ciliatis : panicula subcomposita ramosa : glumis majusculis turgidis ovatis pubescentibus striatis.

Culm about a foot and a half high. Glumes larger than in any other species in this neighbourhood. It is nearly allied to *P. latifolium*.

Page 17. *Panicum umbrosum*, Le Conte. l. c. P. gracile parvum erectum glabrum : culmo purpureo, nodis nudis : foliis remotiusculis patulis lanceolatis subcordatis, vaginis ciliatis : panicula parviuscula simplici : glumis ovatis glabris striatis.

This species resembles *P. nitidum*, but it differs from it in having a smaller panicle and flowers ; in the sheaths being ciliated and the leaves broader.

Page 17. *Panicum augustifolium*, Le Conte. l. c. P. culmo glabro erecto, nodis nudis : foliis glabris linearibus longis : vaginis ad collum barbatis : panicula simplici pauciflora : glumis longe pedicellatis (pedicellis erectis) majusculis ovatis glabris striatis : seminibus latero altero 2 sulcatis.

Page 19. *Windsoria pallida*, nobis : W. glaberima : culmo erecto : foliis lanceolato-linearibus planis : panicula laxa subpatula, ramis virgatis capillaribus ; spicis lanceolatis pedicellatis : calycibus inequalibus. 5-floris, floribus glabris :

corolla valvulis aequalibus, valvula exteriore apice 5-dentata, interiore bifido.

Root perennial creeping. Culm 3 feet high and more. Leaves naked, a little rough backwards on the upper surface; somewhat glaucous beneath. Ligule elongated, ovate. Sheaths smooth, striated. Panicle large, and of a few spikes; rachis and branches distinctly flexuous. Branches in pairs, forked. Spikes lanceolate, compressed, all of them on pedicels, and terminal. Calyx 2-valved, unequal, the larger valve ovate, obtuse, and obsoletely 3-nerved, the other rather acute, and both of them scarious on the margin. Corolla: valves nearly equal; the exterior ovate lanceolate, with 5 very distinct, prominent, rough nerves; the other valve lanceolate, white with a green margin, rather scabrous, bifid at the apex, even when very young. Stamina, filaments 3, as long as the corolla; anthers pale yellow. Pistillum, germen oval, compressed; stigmas 2, plumose, white.

This species, though hardly agreeing with the generic character as laid down by Nuttall, appears to be a congener with *W. ambigua*. (*Poa ambigua* of Elliot.) It is not described under the genus *Poa*, in Muhlenberg's grasses, nor in any other American work, though the species is not scarce. It grows in swamps of the pine barrens of New-Jersey, as well as in the place mentioned in the catalogue.

Page 44. *Cerastium nutans*, Raf. This is probably the *Cerastium glutinosum* of Nuttall. Gen. Amer. Pl. 1. p. 291.

Page 48. *Geum agrimonoides*, Pursh. There may be some doubt whether our plant is identical with that of Pursh. The following are its characters, taken from living specimens.

G. pubescens, viscosum: foliis pinnatis; foliolis sessilibus subrotundis duplicato-inciso-serratis obliquis, imparibus subovatis: stipulis adnatis acutis integris: floribus congestis subsessilibus; calycis foliolis oblongis acutis; petalis obovatis calyce longioribus.

Leaves growing in a tuft about the root, those on the stem few. Stem about two feet high, flowers white. The whole plant is covered with a viscid exudation, which entangles small insects.

Page 60. *Lathyrus stipulaceus*, Le Conte: L. caule alato tetragono: stipulis magnis semisagittatis ovatis acuminatis: foliis 3-jugis ellipticis mucronatis: pedunculis 4-6-floris foliis sublongioribus.

Flowers large, purple.

Page 64. *Eupatorium laevigatum*, nobis: E. calyce plusquam 5-floro: foliis quinis petiolatis lanceolatis utrinque glaberrimis tenuibus: caule fistuloso laevi subglauc.

Stems from 5 to 6 feet high, marked with purple lines.— Flowers purple.

From *E. maculatum*, it differs in having a hollow stem, and from *E. purpureum*, in having smooth leaves.

# INDEX OF THE GENERA.



A.	page.		page.		page.
Abies	76	Arethusa	69	Callistachia	10
Acalypha	76	Aristida	20	Callitriche,	9
Acer	39	Aristolochia	70	Caltha	52
Achillea	67	Aronia	46	Calystegia	25
Acnida	77	Artemisia	64	Campanula	26
Acorus	36	Arthonia	85	Cardamine	57
Actea	48	Arum	76	Carduus	63
Actinomeris	68	Arundo	20	Carex	71
Adiantum	81	Asarum	45	Carpinus	75
Æcidium	37	Asclepias	29	Carya	74
Agaricus	88	Ascyrum	49	Cassia	40
Ageratum	64	Asparagus	35	Castanea	75
Agrimonia	45	Aspidium	80	Caulina	71
Agrostemma	44	Asplenium	81	Catalpa	11
Agrostis	15	Asprella	15	Caulophyllum	36
Aira	16	Aster	65	Ceanothus	27
Airopsis	16	Atragene	51	Cecalyphum	82
Alectoria	86	Atrichum	83	Celastrus	27
Aletris	35	Atriplex	31	Celtis	31
Alisma	37	Avena	20	Cenomyce	86
Allium	34	Azalea	26	Centaurium	22
Alnus	73			Ceranium	84
Alopecurus	17	B.		Ceratophyllum	74
Alsine	43	Baccharis	65	Cetraria	86
Amaranthus	73	Baptisia	40	Cenchrus	14
Amanita	88	Barbula	82	Cenchaurella	22
Ambrosia	73	Bartonia	22	Cephalanthus	21
Ammannia	23	Bartsia	54	Cerastium	44
Ammi	31	Bartramia	83	Ceratophyllum	74
Ammyrsine	41	Beomyces	86	Cercis	40
Ampelopsis	27	Berberis	36	Chaerophyllum	32
Amphicarpon	60	Betula	75	Chara	71
Anagallis	25	Bidens	63	Chelone	56
Anatherum	20	Blitum	9	Chelidonium	49
Andrewsia	22	Bœhmeria	73	Chenopodium	30
Andromeda	42	Borrera	86	Chimaphila	42
Andropogon	20	Boletus	88	Chironia	29
Anemone	50	Botrychium	79	Chrysanthemum	67
Angelica	32	Botrypus	79	Chrysosplenium	43
Anthemis	67	Brasenia	52	Cichorium	63
Anthoxanthum	11	Briza	19	Cicuta	32
Antirrhinum	55	Bromus	20	Cimicifuga	49
Apios	60	Bryum	82	Cinna	9
Apocynum	29	Bunias	56	Circaea	10
Aquilegia	50	Buxbaumia	83	Cirsium	63
Arabis	57			Cissus	27
Aralia	34	C.		Cistus	44
Arbutus	42	Cactus	45	Claytonia	28
Arctium	63	Cakile	56	Clavaria	88
Arenaria	43	Calamagrostis	16	Clematis	51
		Calicium	85		
		Calla	76		

Clethra	42	Elodea	50, 72	Helianthemum	49
Climacium	83	Elymus	21	Helianthus	68
Clinopodium	53	Epifagus	56	Helonias	37
Cnicus	63	Epigaea	42	Helvella	88
Collina	87	Epilobium	38	Hepatica	50
Collinsonia	11	Epipactis	69	Heracleum	32
Comarum	48	Endocarpon	35	Heteranthera	12
Commandra	26	Equisetum	79	Heuchera	30
Comptonia	72	Eryum	60	Hibiscus	58
Conferva	84	Erigeron	65	Hieracium	62
Conium	31	Eriophorum	14	Hierochloa	16
Convallaria	35	Eryngium	32	Himantia	89
Convolvulus	25	Erysimum	57	Holcus	16
Conyza	65	Erythronium	35	Houstonia	22
Coptis	52	Euchroma	54	Hudsonia	45
Coreopsis	68	Eupatorium	64	Hydnum	88
Cornus	23	Euphor	45	Hydrastis	52
Corydalis	58	Everniabria	85	Hydrocotyle	31
Corylus	75	Evonymus	27	Hydropeltis	52
Crataegus	46		F.	Hydrophyllum	25
Crotalaria	59	Fagus	75	Hyoseris	62
Cucubalus	43	Fedia	12	Hvoscyamus	27
Cunila	53	Ferrula	12	Hypericum	50
Cupressus	76	Festuca	19	Hypoxis	35
Cuscuta	30	Fimbristylis	13	Hypopithys	41
Cyathus	87	Fissidens	82	Hypnum	83
Cymbidium	70	Fontinalis	83	Hyssopus	52
Cynodon	18	Fragaria	48		I.
Cynoglossum	24	Fraxinus	11	Ilex	24
Cynosurus	18	Fucus	84	Impatiens	28
Cyperus	12	Fumaria	58	Inula	67
Cypripedium	70	Funaria	82	Iris	12
			G.	Isaria	88
		Galeopsis	53	Isidium	86
		Galium	22	Isnardia	23
		Gaultheria	42	Iva	68
		Gentiana	30	Juglans	74
		Geastrum	87	Jungermannia	84
		Geranium	57	Juncus	36
		Gerardia	55	Juniperus	78
		Geum	48		K.
		Gillenia	47	Kalmia	41
		Glechoma	53	Koeleria	16
		Gleditschia	78	Krigia	62
		Glycine	59	Kyllingia	14
		Gnaphalium	64		L.
		Goodyera	70	Lactuca	62
		Graphophorum	16	Lamium	53
		Graphis	85	Lathyrus	60
		Gratiola	10	Laurus	40
		Grimmia	82	Lecanora	85
		Gyromia	37	Lechea	21, 49
		Gymnostomum	81	Lecideia	85
		Gyrophora	85	Ledum	41
			H.	Leersia	15
		Hamamelis	24	Lemna	71
		Hedeoma	54	Leontice	36
		Hedera	27	Leontodon	62
		Hedwigia	81	Leonurus	53
		Hedysarum	61	Lepidium	57
		Helenium	68		

Leiophyllum	41	Muhlenbergia	15	Podophyllum	49
Lepraria	87	Mucor	87	Pogonatum	83
Leptandra	19	Myosotis	24	Pogonia	69
Leptanthus	12	Myrica	77	Pollinia	20
Lespedeza	60	Myrrhis	32	Polygala	59
Liatris	64			Polygonatum	35
Ligustrum	10		N.	Polygonum	39
Lilium	34	Narthecium	35	Polypodium	80
Limodorum	69	Neckera	83	Polypogon	16
Limnetis	14	Neottia	69	Ponederia	34
Limosella	56	Nepeta	52	Pogonatum	83
Linaria	55	Nephrodium	80	Polytrichum	84
Lindernia	10	Nostoc	85	Populus	78
Linum	34	Nuphar	49	Porina	85
Liquidambar	76	Nymphæa	49	Portulacca	45
Liriodendron	50	Nyssa	77	Potamogeton	24
Listera	70		O.	Potentilla	48
Lithospermum	24	Œnanthe	32	Pothos	23
Lobelia	29	Œnothera	38	Prenanthes	62
Lolium	21	Onoclea	81	Prinos	36
Lonicera	26	Onosmodium	24	Proserpinaca	21
Ludwigia	23	Opleris	69	Prunella	54
Lupinus	59	Orchis	68	Prunus	46
Luzula	36	Origanum	53	Psamma	16
Lyonia	42	Ornithogalum	35	Pteris	81
Lycoperdon	87	Orobanche	56	Purshia	24
Lycopodium	79	Orontium	36	Pycnanthemum	53
Lycopus	11	Orthopyxis	83	Pyrola	42
Lysimachia	25	Orthotrichum	83	Pyrus	46
Lythrum	45	Osmunda	79	Pyxidantha	25
	M.	Ostrya	76		Q.
Magnolia	50	Oxalis	44	Quercus	74
Malaxis	70	Oxycoccus	39	Queria	21
Malva	58	Oxygena	87		R.
Marchantia	84		P.	Racodium	89
Mariscus	14	Panax	31	Ramaljna	86
Marrubium	53	Panicum	17	Ranunculus	51
Maschalocarpus	92	Parmelia	86	Rhamnus	27
Medicago	61	Parnassia	34	Rhexia	38
Megastachya	19	Paspalum	18	Rhinanthus	55
Melampyrum	54	Paspalus	18	Rhododendron	41
Melanthium	37	Pastinaca	32	Rhodora	41
Menispermum	78	Pedicularis	55	Rhus	33
Mentha	52	Peltidea	86	Ribes	28
Menyanthes	25	Penthorum	44	Riccia	84
Merulius	38	Peziza	88	Robinia	60
Mespilus	46	Phalaris	16	Rosa	47
Micropetalon	43	Phallus	87	Rubus	47
Mikania	63	Phaseolus	59	Rudbeckia	68
Milium	15	Phascum	81	Rumex	37
Mimulus	55	Phleum	17	Ruppia	24
Mitchella	22	Phlox	26	Rynchospora	12
Mitella	43	Phryma	54		S.
Mnium	83	Physalis	27	Sabbatia	29
Mollugo	21	Phytolacca	44	Sagina	22
Monarda	11	Pinus	76	Sagittaria	74
Monila	89	Pisum	60	Salicornia	9
Monotropa	41	Plantago	22	Salix	77
Morus	73	Platanus	76	Salsola	31
Morchella	88	Poa	18	Salvia	11
		Podalyria	40		

Sambucus	33	Sphagnum	81	Trisetum	20
Samolus	25	Sphergula	44	Triticum	21
Sanguinaria	49	Spermacoe	22	Troximon	62
Sanguisorba	22	Spiraea	47	Tubercularia	87
Sanicula	31	Stachys	53	Tuber	87
Saponaria	43	Staphylea	33	Typha	71
Sarracenia	49	Statice	34		U.
Sarothra	33	Stellaria	43	Udora	72
Satyrium	69	Stemonites	87	Ulva	85
Saururus	38	Sticta	86	Ulmus	31
Saxifraga	43	Stereocaulon	86	Uniola	19
Scandix	32	Stipa	20	Uraspermum	32
Schenodorus	19	Stylosanthes,	60	Uralespis	16
Schoenus	12	Swertia	29	Uredo	87
Schollera	12	Symplocarpus	23	Usnea	87
Scirpus	13		T.	Urtica	73
Scleria	72	Tanacetum	64	Utricularia	11
Scleranthus	43	Taxus	78	Uvularia	35
Scrophularia	55	Tephrosia	61		V.
Scutellaria	54	Tetraphis	81	Vaccinium	41
Senecio	65	Teucrium	52	Vallisneria	77
Serpicula	72	Thalictrum	51	Variolaria	85
Serratula	63	Thapsia	32	Verbascum	26
Setaria	17	Thaspium	33	Verbena	54
Sicyos	76	Thesium	26	Verbesina	68
Sida	58	Thlaspi	56	Vernonia	64
Silene	43	Thuya	76	Veronica	10
Sinapis	57	Tiarella	43	Verrucaria	85
Sison	32	Tilia	49	Viburnum	33
Sistotremo	88	Tortula	82	Vicia	60
Sisymbrium	57	Tradescantia	14	Villarsia	25
Sisyrinchium	12	Tragopogon	62	Viola	28
Sium	32	Trichodium	15	Vitis	27
Smilacina	35	Trichostomum	82		W.
Smilax	77	Trichophorum	14	Windsoria	19
Smyrnum	32	Trichostema	54	Woodwardia	81
Solanum	27	Tridens	19		X.
Solidago	66	Trientalis	38	Xanthium	73
Sonchus	62	Trifolium	61	Xerophyllum	37
Sparganium	71	Triglochin	37	Xyris	12
Spartina	14	Trillium	37		Z.
Spergulastrum	43	Triosteum	26	Zizania	73
Sphaeria	87	Tripsacum	71	Zostera	71



# ENGLISH INDEX.

A.	page.		page.		page.
Adam and Eve	70	Blue berry	41	Chess	20
Agrimony	45	Blue curls	54	Chickling vetch	60
Alder	73	Blue eyed grass	12	Chickweed	43
Alexanders	32	Blue flag	12	Chickweed—winter-	
Alum root	30, 57	Blue grass	19	green	38
American centaury	29	Blue tangles	41	Choke cherry	46
American heath	45	Bog rush	12	Cicuta	31
American liquorice	59	Bone set	64	Cinquefoil	48
American sweet brier	47	Bottle grass	17	Cleavers	22
American water cress	57	Bouncing bet	43	Climbing hemp weed	63
Arbor vitae	76	Bowman's root	47	Clover	61
Archangel	53	Brome grass	20	Clot weed	73
Arrow head	74	Brook weed	25	Club rush	13
Asarabacca	45	Broom rape	56	Club moss	79
Ash	11	Brake	81	Clump foot cabbage	23
Aspen	78	Buck bean	25	Cock's foot grass	18
Avens	48	Buck thorn	27	Coffee weed	63
		Bull clover	61	Colic root	35
B.		Bull rush	13, 36	Colic weed	58
Bachelor's breeches	58	Burdock	63	Colt's foot	45
Balsam	65, 28	Burnet saxifrage	22	Columbine	50
Bane berry	48	Burning bush	27	Corn cockle	44
Barberry bush	36	Button bush	21	Corn spurry	44
Barn grass	17	Butter cups	51	Cotton grass	14
Barren strawberry	48	Button weed	22	Cotton tree	78
Base horehound	53	Burr marygold	63	Couch grass	21
Basswood	49	Burr reed	71	Cow parsnep	32
Bastard loose strife	23	Bush clover	60	Cow wheat	54
Bastard jesuits bark	68	Butterfly flower	30	Crab apple	47
Bastard toad flax	26	Button snake root	64	Crab grass	18
Bay	40	Button wood	76	Crane berry	39
Bear berry	42	Burr marigold	63	Cranes bill	57
Beaver wood	31, 50	C.		Creepcr	27
Bent grass	15	Calamus	36	Crow foot	51, 57
Beech drops	56	Calico bush	41	Cuckolds	63
Beech	75	Campion	43	Cucumber root	37
Bell wort	35	Canada rice	73	Cud weed	64
Bell flower	26	Canary grass	16	Culver's physic	10
Beard grass	20	Canada thistle	63	Currant	28
Bermuda grass	18	Cancer root	56	Cut grass	15
Bind weed	25	Candle berry	77	Cypress	76
Bird's nest	41	Cardinal flower	29	D.	
Bishop's weed	31	Carpet weed	21	Dandelion	62
Birthwort	70	Carrot	31	Date plum	45
Birch	75	Catalpa	11	Dead nettle	53
Bitter nut	74	Catch fly	43	Deer berry	41
Bitter sweet	27	Catmint	52	Deer grass	38
Blackberry	47	Cattail	71	Di tany	53
Black flower	37	Cattail grass	17	Dock	37
Black haw	33	Cedar	78	Dodder	30
Black heart	40	Celandine	49	Dogwood	23
Black snake root	31, 49	Chamomile	67	Dog's bane	29
Black walnut	74	Cheat	20	Dog's tail grass	18
Bladder nut	53, 53	Cherry	46	Dog's tooth violet	35
Blazing star	35	Chesnut	75	Dragon's claw	70
Blood root	49				

Duck's meat	71	Gromwell	24				
Dutch clover	61	Ground cherry	27			K.	
Dwarf dandelion	62	Ground ivy	53			Kidney bean	59
Dwarf honeysuckle	26	Ground laurel	42			Kill calf	41
Dwarf laurel	41	Ground pine	33, 79			Knawel	43
Dwarf mallows	58	Groundsel	65			Knot grass	39
		Gum tree	76				
						L.	
E.						Ladies' bedstraw	22
Earth moss	81					Ladies' slipper	70
Elder	33	H.				Ladies' thumb	40
Elecampane	67	Hair grass	16			Ladies' tresses	69
Elm	31	Hawk weed	62			Lamb's lettuce	12
Enchanters nightshade	10	Hawthorn	46			Lamb's quarters	30
Endive	63	Hazle nut	75			Laurel	41
Eryngo	32	Heal-all	69			Leather wood	39
Evergreen snake root	59	Hedge hyssop	10			Lesser burdock	73
Evergreen winter berry	37	Hedgehog grass	14			Lettuce	62
		Hedge mustard	57			Lever wood	76
		Hemlock	31			Life everlasting	64
F.		Hemp agrimony	64			Lily	34
False fox glove	55	Hemp nettle	53			Lime tree	49
False grape	27	Hemp weed	64			Lime grass	21
False sanicle	30, 43	Henbane	27			Linden tree	49
False tower mustard	57	Henbit	53			Liverwort	50
False sunflower	68	Herb Bennet	48			Lizard's tail	38
Feather beds	71	Herb Christophers	48			Locust	60
Feather grass	20	Herb Robert	58			Loosestrife	25
Fescue grass	19	High water shrub	68			Lousewort	55
Fever bush	40	Hobble bush	33			Lucerne	61
Fever root	26	Hog weed	73			Lupine	59
Figwort	55	Holly	24				
Fire weed	65	Honey locust	78			M.	
Five finger	48	Honey suckle	26			Magothy bay-bean	40
Flax	34	Hooded milfoil	11			Maiden hair	81
Flea bane	65	Hoop ash	31			Mallows	58
Floating arum	36	Hop hornbeam	75			Mandrake,	49
Flower-de-luce	12	Horehound	53			Man-of-the-earth	25
Flowering fern	79	Hornbeam	76			Maple	39
Forget-me-not	24	Hornwort	74			Marsh cinquefoil	48
Forked chickweed	21	Horse mint	53			Marsh marigold	52
Fork moss	82	Horse tail	79			Marsh rosemary	34
Fox moss	82	Horse weed	11			Marsh trefoil	25
Foxtail grass	17	Hound's tongue	24			May apple	49
Fumitory	58	Huckle berry	41			May bush	46
		Hyssop	52			May weed	67
G.						Meadow cups	49
Gale	77	I.				Meadow grass	18
Galingale	12	Indian bean	11			Meadow rue	51
Garlick	34	Indian chickweed	21			Meadow sweet	47
Gentian	30	Indian cucumber	37			Mechoacanna	25
Gill-go-over-the-ground	53	Indian fig	45			Medic	61
Ginger berry	42	Indian mallows	58			Milkweed	29, 45, 62
Ginseng	31	Indian physic	47			Milkwillow-herb	45
Glasswort	19	Indian pipe	41			Milfoil	67
Gold thread	52	Indian shoe	70			Milkwort	59
Golden pert	10	Indian tobacco	29			Millet grass	15
Golden rod	66	Indian turnip,	76			Mint	52
Golden saxifrage	43	Ink berry	37			Mithridate mustard	56
Goose berry	28	Ipecacuanha	47			Mitre wort	43
Goose foot	30	Ivy leaf	62			Monkey flower	55
Grape	27	Jerusalem oak	31			Moon seed	87
Grass of Parnassus	34	Jewel-weed	28			Moth mullein	26
Grass poly	45	Judas tree	40			Motherwort	3
Grass wrack	71	Juniper	78			Mountain balm	11
Green briar	77						

# INDEX.

99

Mountain laurel	41	Prickley pear	45	Sipsissywa	42
Mountain mint	53	Prim	10	Skull cap	54
Mountain pink	26	Privet	10	Skunk cabbage	23
Mountain sumach	33	Purslane	45	Slippery elm	31
Mountain tea	42	Pusses	61	Snake's head	56
Mouse ear	24	Putty root	70	Snake's mouth	69
Mouse-ear chickweed	44			Snap dragon	55
Mud wort	56	Q.		Soap wort	43
Mulberry	73	Quaking grass	19	Solomon's seal	35
Mullein	26	R.		Soft grass	16
N.		Ranstead	55	Sow thistle	62
Necklace weed	48	Rattle box	59	Speedwell	10
Nettle	73	Rattle-snake fern	79	Spike grass	19
New-Jersey tea	27	Red and white cohosh	48	Spikenard	34
Night shade	27	Red bud	40, 42	Spindle tree	27
Night willowherb	38	Red lily	34	Spleen wort	81
Nine bark	47	Red raspberry	47	Spurge	45
Nit weed	33	Red willow	23	Squaw root	56
None such	61	Red top	18	Staff tree	27
O.		Reed grass	20	Stink weed	27
Oak	74	Reed mace	71	Star grass	35
Oat grass	20	Ribwort	22	Star of Bethlehem	35
Onion	34	Rice grass	15	Star wort	37, 65
Orache	31	Richweed	11, 73	St. John's wort	50
Ox-eye daisy	67	Robert's plantain	65	St. Peter's wort	49
P.		Rock rose	49	Strawberry	48
Painted cup	54	Rose	47	Strawberry spinach	9
Panic grass	17	Rose bay	41	Succory	63
Parsnep	32	Rough bind-weed	77	Sumach	33
Partridge berry	22	Rush	36	Sun dew	34
Partridge pea	40	S.		Sun drop	38
Pea	60	Sage	11	Sun flower	68
Pear	45	Saltwort	31	Swallow wort	29
Peat moss	81	Samphire	9	Swamp lily	38
Penny royal	54	Sand myrtle	41	Sweet cicely	32
Penny wort	51	Sandwort	43	Sweet fern	72
Pepper wort	57	Sanfoin	61	Sweet pepper bush	42
Persimon	45	Sanicle	31	T.	
Pickerel weed	34	Sassifras	40	Tansey	64
Pignut	74	Saxifrage	43	Teazel	21
Pimpernel	25	Scabish	38	Thin grass	15
Pin weed	21	Scorpion grass	24	Thistle	63
Pine	76	Sea arrow-grass	37	Thorn	46
Pine sap	41	Sea holly	32	Thorn apple	27
Pinxter bloom	26	Sea rocket	56	Three seed mercury	76
Pipsissewa	42	Sea tassel grass	24	Three leaved night	
Plane tree	76	Sedge	71	shade	37
Plantain	22	Self heal	54	Tick-seed sun flower	68
Ploughman's spike-		Seneca snake root	59	Timothy grass	17
nard	65	Seneca grass	16	Tooth wort	57
Poison arum	76	Sensitive fern	81	Trailing arbutus	42
Poison elder	33	Sensitive pea	41	Tree moss	83
Poison hemlock	32	Sesame grass	71	Tulip tree	50
Poison oak	33	Sheep laurel	41	Tupelo	77
Poke	44	Shell flower	56	V.	
Polypody	80	Shepherd's purse	56	Venus' pride	22
Pond lily	49	Shepherds's staff	26	Vervain	54
Pond weed	24	Shield fern	80	Vernal grass	11
Poor man's weather-		Side-saddle flower	49	Vetch	60
glass,	25	Silk weed	29	Violet	28
Poplar	50, 78	Silk plant	29	Viper's bugloss	25
Poppoose root	36	Single seeded cucum-		Virgin's bower	51
		ber	76		

Virginian stone crop	44	Water plantain	57	Winter berry	36
W.		Water target	52	Winter cherry	27
Wake robin	76	Wheat	21	Winter green	42
Wall cress	57	Whipgrass	72	Witch hazel	24
Walnut	74	Whitlow grass	56	Woodbine	26
Water arum	76	Whortle berry	41	Wood sage	52
Water chick weed	9	Wild ginger	45	Wood sorrel	44
Water cress	57	Wild hemp	77	Wormwood	64
Water drop wort	32	Wild lettuce	62	Y.	
Water hemlock	32	Wild marjoram	53	Yam root	78
Water horehound	11	Wild pea	40	Yarrow	67
Water leaf	25	Willow	77	Yellow eyed grass	12
Water moss	83	Willow herb	38	Yellow root	52
Water parsnep	32	Wind flower	50	Yew	78

### ERRATA.

- Page 3, For "Ferrula," read Ferula.
- 10, line 19, to "serpillifolia" add, Wet meadows and woods.  $\frac{1}{2}$  May. blue.
- 14, for "Kyllingea," read KYLLINGIA.
- 15, line 8, for "preceding," read S. juncea.
- 16, after line 7 from the bottom, add C. Canadensis. Nutt.
- 20, after line 29, add Palamagrostis Americana. Nutt. non Muhl.
- 22, line 6 from the bottom, for "tufidum," read trifidum.
- 34, line next above HEXANDRIA, for "tenuifolia," read tenuifolia.
- 37, after "MELANTHIUM," add VERATRUM. L. viride. Willd. album. Mx. Shady swamps.  $\frac{1}{2}$  May. green.
- 38, for "Chick-weed. Winter green," read Chickweed-wintergreen.
- 39, line 11 from the bottom, for "Hyropiper," read Hydropiper.
- 48, line 28, for "viscosa," read viscosum.
- 52, line 3, for "aeris," read acris.
- 55, for "Precis des De Couv," read Precis des Decouv.
- 56, line 21, for "Beach drops," read Beech drops.
- 57, for "Allum-root," read Alum-root.
- 71, for "dactaloides," read dactyloides.
- 72, line 5, for "sparginoides," read sparganioides.
- 72, line 28, for "inteumescens," read intumescens.
- 72, line 35, for "lacustus," read lacustris.
- 75, line 30, for "Beech," read Birch.
- 76, line 15, for "virescute," read virescente.
- 76, line 8 from the bottom, for "Cyrassus," read Cypressus.

*To those who Herborize with the Manual of Botany.*

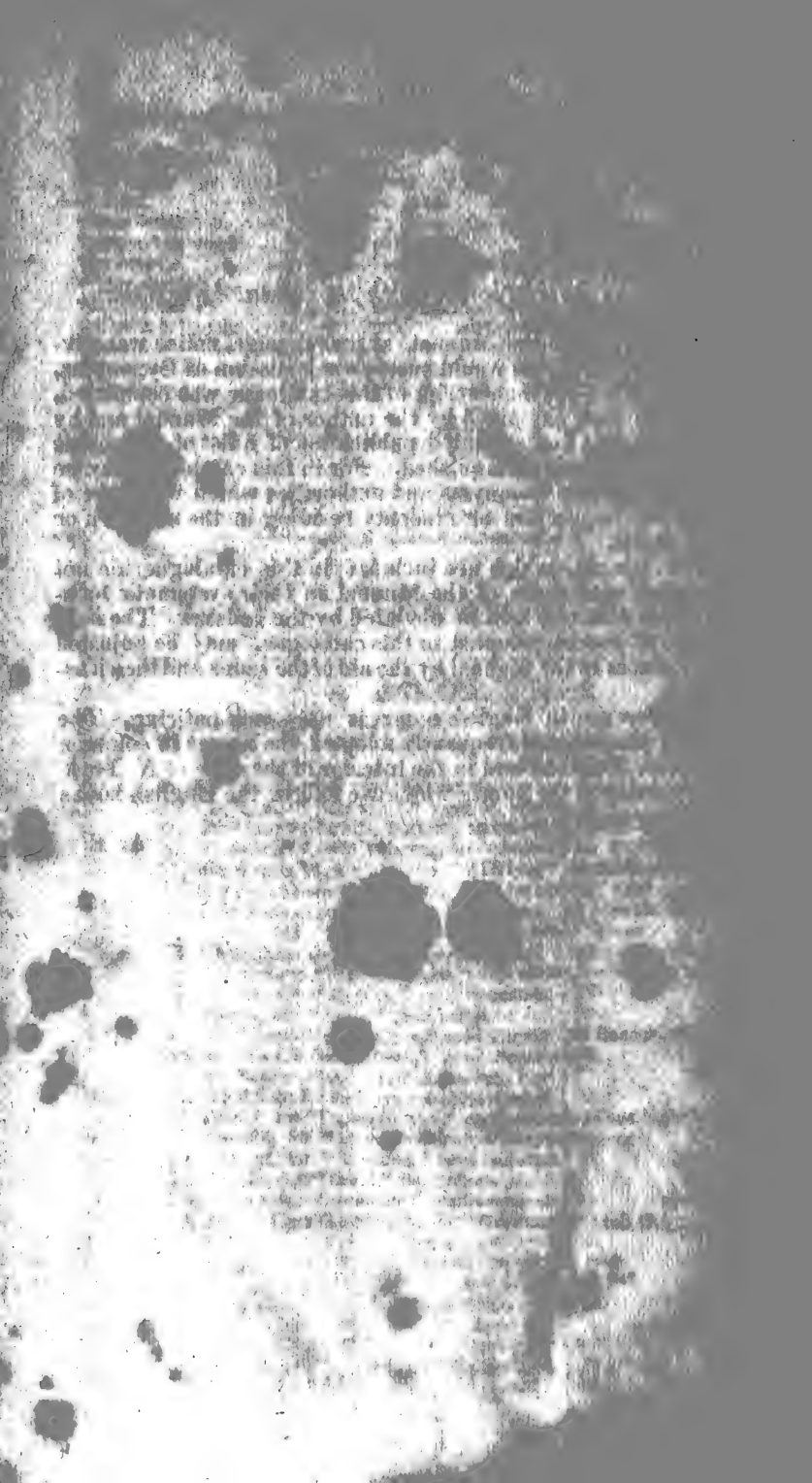
In the preface to the Manual, at the 7th page, notice was given that Mr. E. James would supply the omission of Synonyms, &c. But when the manuscript of this catalogue was completed, and in this state examined by the author of the Manual and by Mr. James, the contemplated publication of a list of synonyms and authorities was relinquished. For in this catalogue may be found most of the synonyms and authorities which would be of any use to instructors or students residing in the northern or middle states.

A few genera, which are included in this catalogue, do not correspond with those of the Manual in their systematic location. This difficulty will be obviated by the Indexes. The subdivisions of genera, adopted in this catalogue, may be adjusted to their places in the manual by the aid of the index and the classification.

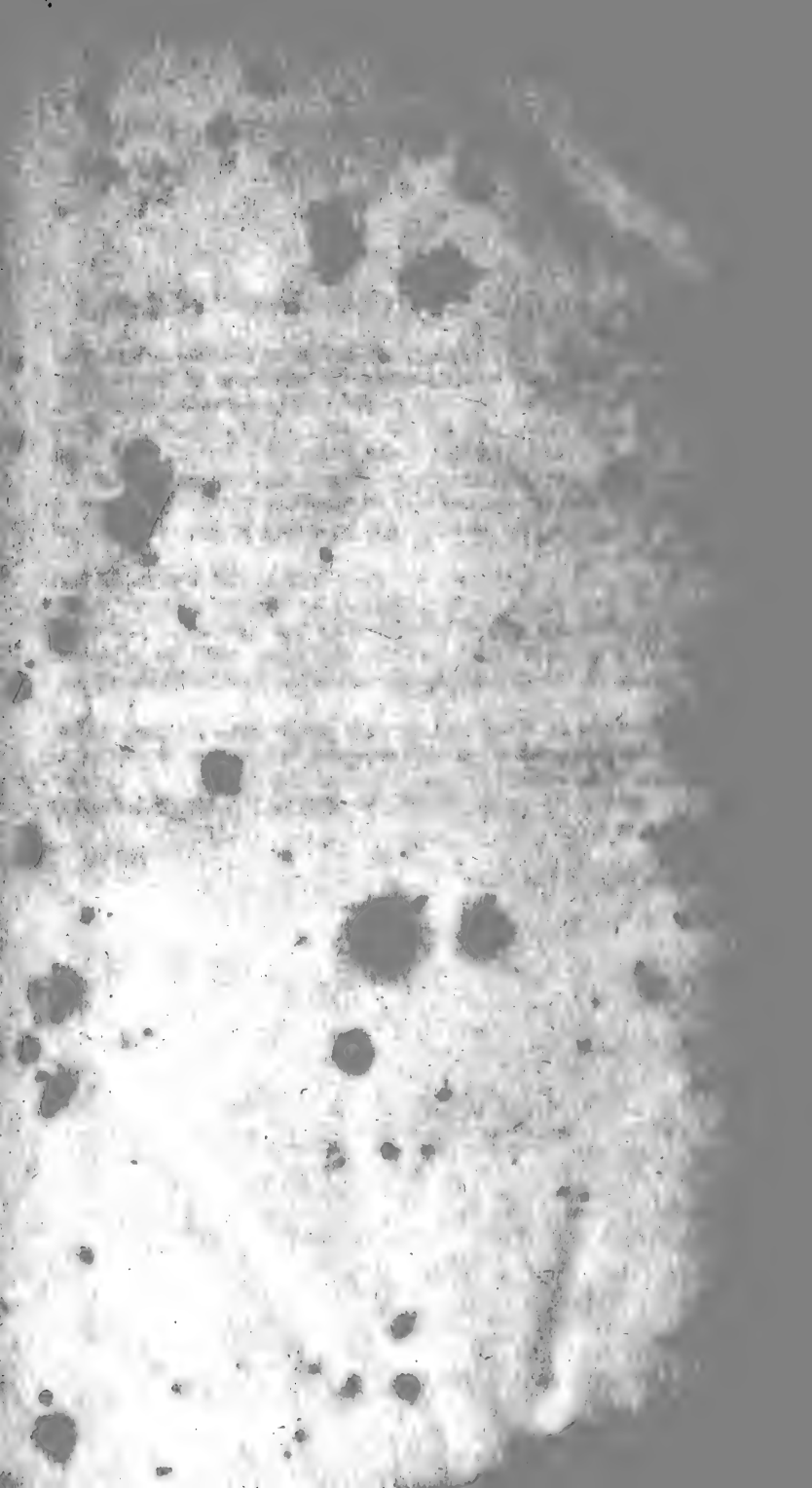
The difference in English names is not worth noticing. The author of the Manual frequently adopted the names in common use in New-England and in the interior of the state of N. York. In this catalogue the names which we find in the English books are often preferred.

A. E.

Albany, March 11, 1819.

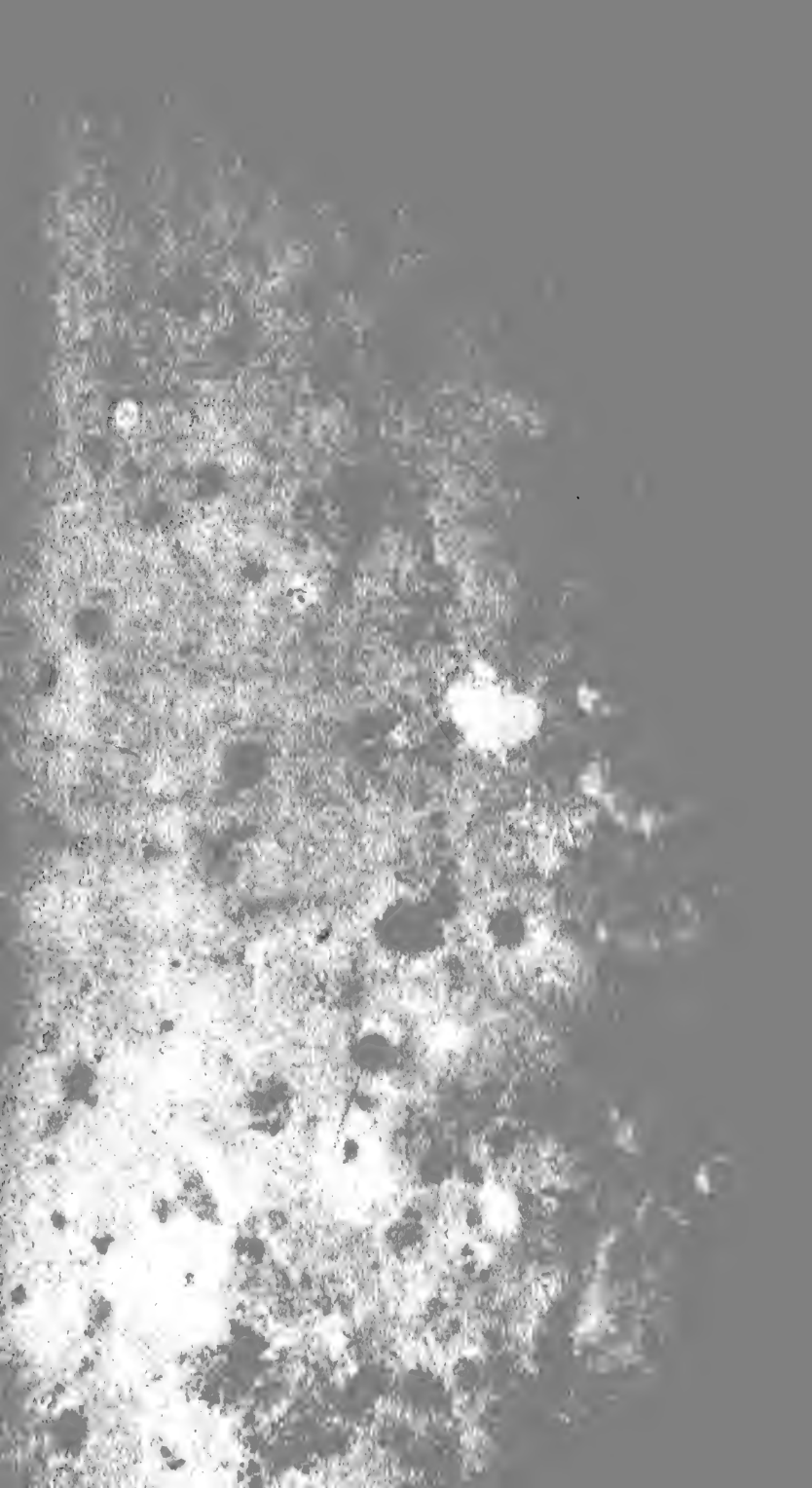








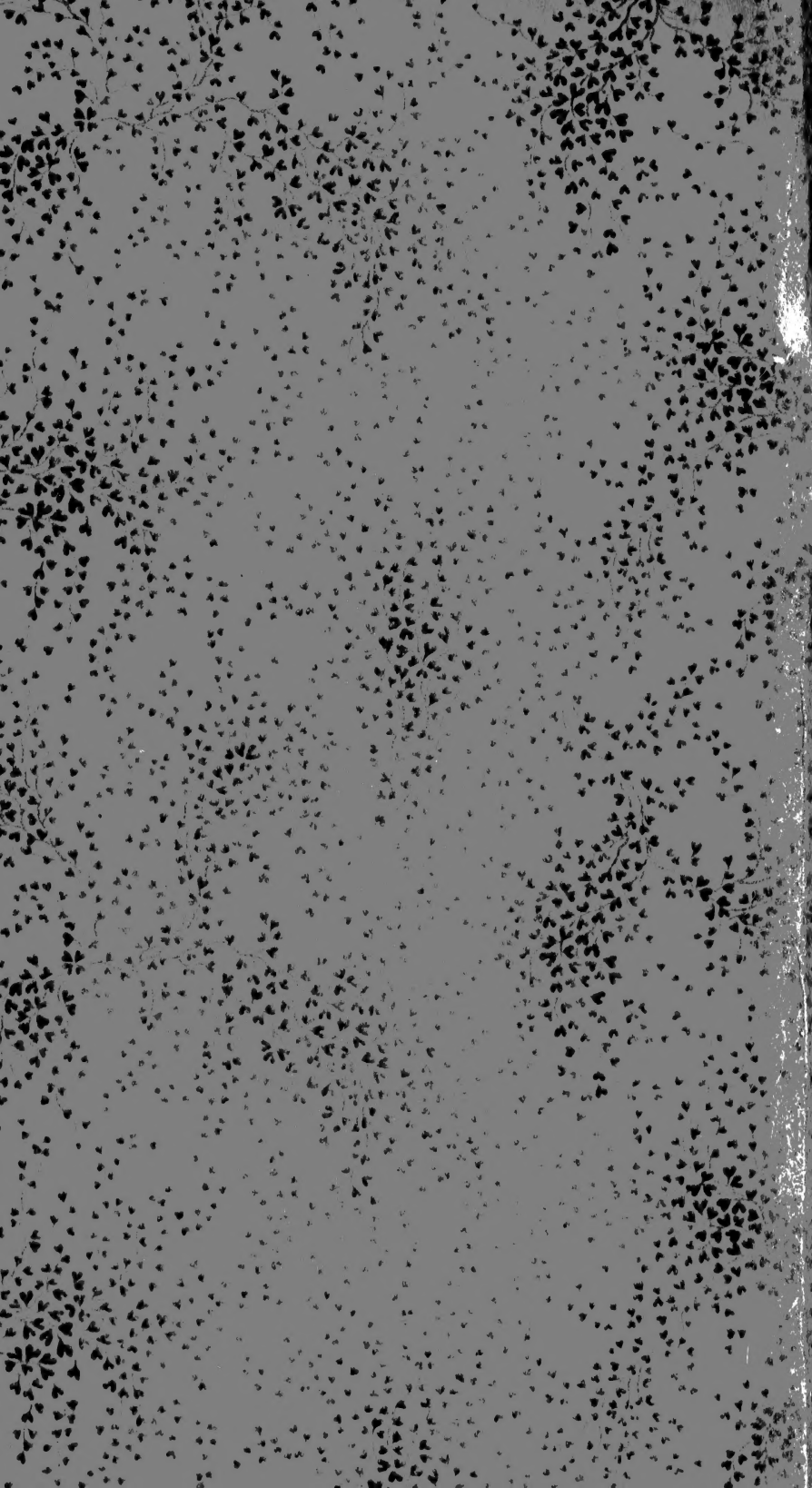














3 5185 00277 7355

MACKENZIE

9106

WITHDRAWN  
FROM HSNY LIBRARY

LIBRARY OF THE  
HORTICULTURAL SOCIETY OF N. Y.  
598 MADISON AVENUE  
NEW YORK

1'45

