Noble, George H.

Ferns, Fern Allies and Flowering
Plants of Rhode Island

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THE FERNS, FERN ALLIES AND FLOWERING PLANTS OF RHODE ISLAND

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~~A Revision of the first fifty-eight pages of~~

James L. Bennett's "Plants of Rhode Island"

published by the

Providence Franklin Society in 1888

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INTRODUCTION

FOR many years a revision of Bennett's "Plants of Rhode Island" has been desired. Many plants should be added to his list and the modern system of nomenclature and classification (Gray's New Manual of Botany, Seventh Edition) requires a complete rearrangement.

The Standing Committee of the Providence Franklin Society was instructed by the society after a most interesting lecture by Miss Eda M. Round to prepare the revision. This revision is the work of the late George H. Noble, a member of the Committee. He prepared the manuscript and verified the items. He completed this task a few days before his death.

It has been evident from his notes and correspondence that especial thanks are due to Miss Eda M. Round of the Providence Technical High School, Miss Marie E. Gaudette of the Roger Williams Park Museum, and Professor J. Franklin Collins of Brown University. The Committee is indebted to David W. Hoyt, Principal Emeritus of the Providence English High School for assistance in examining the manuscript and letters left by Mr. Noble and to Dr. Henry P. Lovewell for assistance in reading the proof.

*Standing Committee of the
Providence Franklin Society*

ERNEST R. HAGER
DANIEL L. MATHEWSON
WILLIAM W. ESTES

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DIVISION 1. PTERIDOPHYTA

(Ferns and Fern Allies)

ORDER I FILICALES

FAMILY 2. POLYPODIACEAE (Fern Family)

1. POLYPODIUM (Tourn.) L. Polypody

1. *vulgare* L.¹

vulgare var. *cambricum* (L.) Willd.¹

2. PHEGopteris (Presl.) Fée. Beech Fern

1. *polypodioides* Fée.¹

2. *hexagonoptera* (Michx.) Fée.¹

3. *Dryopteris* (L.) Fée.¹ (Oak Fern.)

4. ADIANTUM (Tourn.) L. Maidenhair

1. *pedatum* L.¹

5. PTERIS L. Brake or Bracken

1. *aquilina* L.¹ (Common Brake.)

7. PELLAEA Link. Cliff Brake

1. *atropurpurea* (L.) Link.³

9. WOODWARDIA Sm. Chain Fern

1. *virginica* (L.) Sm.¹

2. *areolata* (L.) Moore.⁵² *W. angustifolia* Sm.¹

10. ASPLENIUM L. Spleenwort

3. *Trichomanes* L.¹

5. *platyneuron* (L.) Oakes. *A. ebenenum* Ait.¹

10. *acrostichoides* Sw. *A. thelepteroides* Michx.¹

11. *Filix-femina* (L.) Bernh.¹ (Lady Fern.)

12. CAMPTOSORUS Link. Walking Leaf

1. *rhizophyllus* (L.) Link.¹

13. POLYSTICHUM Roth.

1. *acrostichoides* (Michx.) Schott. (Christmas Fern.) *Aspidium* Sw.¹

acrostichoides var. *Schweinitzii* (Beck.) Small. *Aspidium*
acrostichoides var. *incisum* Gray.¹

14. ASPIDIUM Sw. Shield Fern. Wood Fern

1. **Thelypteris** (L.) Sw.³⁴
2. **simulatum** Davenp.³²⁻³⁴
3. **noveboracense** (L.) Sw.³
5. **marginale** (L.) Sw.¹
8. **Boottii** Tuckerm. *A. spinulosum* var. *Boottii*.¹
9. **cristatum** (L.) Sw.¹
cristatum var. *Clintonianum* D. C. Eaton.¹
10. **spinulosum** (O. F. Müller) Sw.³⁴
spinulosum var. *intermedium* (Muhl.) D. C. Eaton.¹

15. CYSTOPTERIS Bernh. Bladder Fern

1. **bulbifera** (L.) Bernh.¹
2. **fragilis** (L.) Bernh.¹

16. WOODSIA R. Br.

1. **ilvensis** (L.) R. Br.¹
4. **obtusa** (Spreng.) Torr.¹

17. DICKSONIA L'Hér.

1. **punctilobula** (Michx.) Gray.¹ (Hay-scented Fern.)

18. ONOCLEA L.

1. **sensibilis** L.¹ (Sensitive Fern.)
sensibilis var. *obtusilobata* (Schkuhr.) Torr.¹
2. **struthiopteris** (L.) Hoffm. *O. germanica* Hook.¹

FAMILY 3. SCHIZAEACEAE (Curly Grass Family)

2. LYGODIUM Sw. Climbing Fern

1. **palmatum** (Bernh.) Sw.¹

FAMILY 4. OSMUNDACEAE (Flowering Fern Family)

1. OSMUNDA (Tourn.) L. Flowering Fern

1. **regalis** L.¹ (Flowering Fern.)
2. **Claytoniana** L.¹ (Interrupted Fern.)
3. **cinnamomea** L.¹ (Cinnamon Fern.)
cinnamomea var. *glandulosa* Waters.³²
cinnamomea var. *frondosa* Gray.¹

FAMILY 5. OPHIOGLOSSACEAE (Adder's Tongue Family)

1. OPHIOGLOSSUM (Tourn.) L. Adder's Tongue

1. **vulgatum** L. *O. vulgare* L.¹

2. **BOTRYCHIUM** Sw. Moonwort
5. **obliquum** Muhl. *B. ternatum* var. *Milde*.¹
obliquum var. *dissectum* (Spreng.) Clute. *B. ternatum*
var. *dissectum* Milde.¹
6. **ternatum** (Thunb.) Sw. var. *intermedium* D. C. Eaton.³
ternatum var. *rutaefolium* (A. Br.) D. C. Eaton.³
7. **virginianum** (L.) Sw. (Rattlesnake Fern.) *B. Virginicum* L.¹

ORDER II EUISETALES

FAMILY 8. EUISETACEAE (Horsetail Family)

1. **EUISETUM** (Tourn.) L. Horsetail
1. **arvense** L.¹ (Common H.)
3. **sylvaticum** L.¹
6. **fluviatile** L. (Pipes.) *E. limosum* L.¹
8. **hyemale** L.¹ (Scouring Rush.)

ORDER III LYCOPODIALES

FAMILY 9. LYCOPODIACEAE (Club Moss Family)

1. **LYCOPODIUM** L. Club Moss
2. **lucidulum** Michx.³⁴
4. **inundatum** L.³⁻⁵²
5. **annotinum** L.¹
6. **clavatum** L.¹ (Common C.)
7. **obscurum** L.³⁴
obscurum var. *dendroideum* (Michx.) D. C. Eaton. *L. dendroideum* Michx.¹
11. **complanatum** L.³⁴

FAMILY 10. SELAGINELLACEAE

1. **SELAGINELLA** Beauv.
2. **rupestris** (L.) Spring.¹
3. **apus** (L.) Spring.¹

FAMILY 11. ISOETACEAE (Quillwort Family)

1. **ISOETES** L. Quillwort
2. **Tuckermanni** A. Br.¹
5. **riparia** Engelm.¹
7. **echinospora** Dur.¹
11. **Engelmanni** A. Br.¹
Engelmanni var. *gracilis* Engelm.¹

DIVISION II. SPERMATOPHYTA

(Seed Plants, Phanerogamia, or Flowering Plants)

Subdivision I Gymnospermae

ORDER IV CONIFERALES

FAMILY 12. TAXACEAE (Yew Family)

1. **TAXUS** (Tourn.) L. Yew
1. **canadensis** Marsh. (American Y., Ground Hemlock.)
T. baccata L. var. *canadensis*.¹

FAMILY 13. PINACEAE (Pine Family)

1. **PINUS** (Tourn.) L. Pine
1. **Strobus** L.¹ (White P.)
3. **rigida** Mill.¹ (Pitch P.)
10. **resinosa** Ait.¹ (Red P.)
2. **LARIX** (Tourn.) Adans. Larch
1. **laricina** (Du Roi) Koch. (American or Black L., Tamarack, Hackmatack.) *L. americana* Michx.¹
3. **PICEA** Link. Spruce
1. **canadensis** (Mill.) B S P. (White or Cat S.)
3. **mariana** (Mill.) B S P.²³ (Black or Bog S.) *P. nigra* Lk.¹
4. **ABIES** (Tourn.) Hill. Fir
1. **balsamea** (L.) Mill. (Balsam or Balm-of-Gilead F.)
5. **TSUGA** (Endl.) Carr. Hemlock
1. **canadensis** (L.) Carr.¹
7. **CHAMAECYPARIS** Spach. White Cedar. Cypress.
1. **thyoides** (L.) B S P. (White Cedar.) *C. sphaeroidea* Spach.¹
8. **THUJA** L. Arbor Vitae
1. **occidentalis** L. (Arbor Vitae, White Cedar.)
9. **JUNIPERUS** (Tourn.) L. Juniper
1. **communis** L.¹ (Common J.)

2. **horizontalis** Moench. *J. sabina* var. *procumbens* Pursh.¹
3. **virginiana** L.¹ (Red Cedar or Savin.)

Subdivision II Angiospermae

Class I Monocotyledonae

ORDER V PANDANALES

FAMILY 14. TYPHACEAE (Cat-tail Family)

1. **TYPHA** (Tourn.) L. Cat-tail Flag

1. **latifolia** L.¹ (Common Cat-tail.)
2. **angustifolia** L.¹

FAMILY 15. SPARGANIACEAE (Bur-reed Family)

1. **SPARGANIUM** (Tourn.) L. Bur-reed

1. **eurycarpum** Engelm.³³
2. **americanum** Nutt.³³⁻³⁴
americanum var. *androcladum* (Engelm.) Fernald & Eames.³⁻³¹⁻³⁷
6. **simplex** Huds.¹

ORDER VI NAJADALES

FAMILY 16. NAJADACEAE (Pondweed Family)

1. **POTAMOGETON** (Tourn.) L. Pondweed

1. **natans** L.³⁹
2. **Oakesianus** Robbins.³⁹
4. **epihydrus** Raf.³⁹ *P. Claytonii* Tuckerm.¹
6. **americanus** C. & S.³⁹ *P. lonchites* Tuckerm.¹
7. **pulcher** Tuckerm.³⁹
8. **amplifolius** Tuckerm.³⁹
10. **heterophyllus** Schreb.³⁹ *Gramineus* L. var.¹
heterophyllus forma *Graminifolius* (Fries.) Morong.³⁹
Gramineus L. var. *Graminifolius*.¹
heterophyllus forma *longipedunculatus* (Merat.) Morong.
heterophyllus forma *myriophyllus* (Robbins) Morong.³⁹
Gramineus L. var. *myriophyllus*.¹
15. **perfoliatus** L.¹
16. **bupleuroides** Fernald.³⁹
19. **zosterifolius** Schumacher.³⁹ *P. compressus* L.¹
25. **pusillus** L.³⁹
27. **Vaseyi** Robbins.¹

28. **gemmaiparus** Robbins.³⁹
30. **foliosus** Raf.³⁹ *P. pauciflorus* Pursh.¹
31. **confervoides** Reichenb. *P. Tuckermani* Robbins.¹
32. **hybridus** Michx.³⁹
33. **dimorphus** Raf.³⁹ *P. spirillus* Tuck.¹
36. **pectinatus** L.³⁹
38. **Robbinsii** Oakes.³⁹

2. **RUPPIA** L. Ditch Grass

1. **maritima** L.³⁹

3. **ZANNICHELLIA** (Mich.) L. Horned Pondweed

1. **palustris** L.³⁹

4. **ZOSTERA** L. Grass Wrack. Eel Grass

1. **marina** L.³⁹

5. **NAJAS** L. Naiad

2. **flexilis** (Willd.) Rostk. & Schmidt.³⁹
4. **gracillima** (A. Br.) Magnus.³⁹

FAMILY 17. JUNCAGINACEAE (Arrow Grass Family)

1. **SCHEUCHZERIA** L.

1. **palustris** L.³⁹

2. **TRIGLOCHIN** L. Arrow Grass

2. **maritima** L.³⁷⁻³⁹
3. **palustris** L.¹

FAMILY 18. ALISMACEAE (Water-plantain Family)

1. **SAGITTARIA** L. Arrow-head

2. **latifolia** Willd.³⁴ *S. variabilis* var. *Engelm.*¹
latifolia forma *obtusata* (Muhl.) Robinson. *S. variabilis*
Engelm. var. *obtusata*.¹
latifolia forma *hastata* (Pursh.) Robinson. *S. variabilis*
Engelm. var. *hastata*.¹
latifolia forma *diversifolia* (Engelm.) Robinson. *S. vari-*
abilis Engelm. var. *diversifolia*.¹
3. **Engelmanniana** J. G. Sm.³⁻³⁴ *S. variabilis* var. *gracilis*
Engelm.¹
8. **heterophylla** Pursh.¹
heterophylla var. *angustifolia* Engelm. *S. variabilis*
Engelm. var. *angustifolia*.¹
9. **graminea** Michx.¹

2. **LOPHOTOCARPUS** Th. Durand.

2. **calycinus** (Engelm.) J. G. Sm. *Sagittaria* Engelm.¹

4. **ALISMA** L. Water Plantain

1. **Plantago-aquatica** L.³ *A. Plantago* L. var. *americanum*.¹

FAMILY 19. HYDROCHARITACEAE (Frog's Bit Family)

1. **ELODEA** Michx. Water-weed

1. **canadensis** Michx. *Anacharis* Planch.¹

2. **VALLISNERIA** (Michx.) L. Tape Grass. Eel Grass

1. **Spiralis** L.¹

ORDER VII GRAMINALES

FAMILY 20. GRAMINEAE (Grass Family)

1. **TRIPSACUM** L. Gama Grass. Sesame Grass

1. **dactyloides** L.¹ *T. dactyloides* var. *monostachyum* Wood.¹

4. **ANDROPOGON** (Royen.) L. Beard Grass

1. **scoparius** Michx.¹

3. **virginicus** L. *A. dissitiflorus* Michx.¹

6. **furcatus** Muhl. *A. provincialis* Lam.¹

5. **SORGHASTRUM** Nash.

1. **nutans** (L.) Nash. (Indian Grass, Wood Grass.)¹ *Chrysopogon* Benth.¹

6. **DIGITARIA** Scop. Finger Grass

1. **filiformis** (L.) Koehler. *Panicum* L.¹

- *3. **humifusa** Pers. *Panicum glabrum* Gaud.¹

- *5. **sanguinalis** (L.) Scop. (Crab Grass.) *Panicum* L.⁵²

9. **PASPALUM** L.

4. **setaceum** Michx.⁵²

11. **laeve** Michx.¹

11. **PANICUM** L. Panic Grass

2. **verrucosum** Muhl.¹

3. **capillare** L.⁵² (Old-witch Grass.)

6. **philadelphicum** Bernh. *P. minus* Nash.²⁸

- *7. **miliaceum** L.¹ (European Millett.)

8. **dichotomiflorum** Michx. *P. proliferum* Lam.⁵²

9. **amarum** Ell.¹

11. **virgatum** L.⁵² (Switch Grass.)
13. **agrostoides** Spreng.¹
17. **depauperatum** Muhl.¹
21. **xalapense** H B K. *P. laxiflorum* Lam.¹
27. **dichotomum** L.⁴¹ *P. ramulosum* Mx.¹
28. **barbulatum** Michx.³
31. **microcarpon** Muhl.¹
35. **spretum** Schultes. *P. nitidum* Lam.³
36. **Lindheimeri** Nash.⁴¹
39. **implicatum** Scribn.³
41. **oricola** Hitchc. & Chase.⁴⁸
53. **columbianum** Scribn.³
62. **oligosanthes** Schultes. *P. pauciflorum* Ell.¹
71. **clandestinum** L.¹
73. **latifolium** L.¹

13. ECHINOCLOA Beauv.

- *1. **crusgalli** (L.) Beauv. (Barnyard Grass.) *Panicum* L.¹
2. **Walteri** (Pursh.) Nash. *Panicum crusgalli* var. *hispidum*.¹

14. SETARIA Beauv. Bristly Foxtail Grass

- *2. **glauca** (L.) Beauv.¹ (Foxtail, Pigeon Grass.)
- *3. **verticillata** (L.) Beauv.¹
- *4. **viridis** (L.) Beauv.¹ (Green F., Bottle Grass.)
- *5. **italica** (L.) Beauv.¹

15. CENCHRUS L. Sandbur. Bur Grass

2. **tribuloides** L.¹

16. ZIZANIA (Gronov.) L. Water or Indian Rice

2. **aquatica** L.¹

18. LEERSIA Sw. Cut-grass. White Grass

1. **virginica** Willd.¹ (White Grass.)
2. **oryzoides** (L.) Sw.¹ (Rice Cut-grass.)

19. PHALARIS L. Canary Grass

- *1. **canariensis** L.¹ (Canary Grass.)
2. **arundinacea** L.¹ (Reed C.)

20. ANTHOXANTHUM L. Sweet Vernal Grass.

- *1. **odoratum** L.¹

- 21. HIEROCHLOE** (Gmel.) R. Br. Holy Grass
 1. **odorata** (L.) Wahlenb. (Vanilla or Seneca Grass.) *H. borealis* R. & S.¹
- 22. MILIUM** (Tourn.) L. Millet Grass
 1. **effusum** L.¹
- 23. ORYZOPSIS** Michx. Mountain Rice
 1. **pungens** (Torr.) Hitchc. *O. canadensis* Torr.¹
 2. **asperifolia** Michx.¹
 3. **racemosa** (Sm.) Ricker. *O. melanocarpa* Muhl.¹
- 24. STIPA** L. Feather Grass
 3. **avenacea** L.¹ (Black Oat Grass.)
 4. **comata** Trin. & Rupr.³
- 25. ARISTIDA** L. Triple-awned Grass
 1. **dichotoma** Michx.¹ (Poverty Grass.)
 4. **gracilis** Ell.¹
 9. **purpurascens** Poir.¹
- 26. MUHLENBERGIA** Schreb.
 1. **sobolifera** (Muhl.) Trin.¹
 2. **tenuiflora** (Willd.) B S P. *M. Willdenovii* Trin.¹
 3. **sylvatica** Torr.¹
 5. **mexicana** (L.) Trin.¹
 6. **racemosa** (Michx.) B S P. *M. glomerata* Trin.¹
 7. **Schreberi** J. F. Gmel. (Drop-seed, Nimble Will.) *M. diffusa* Schreb.¹
 8. **capillaris** (Lam.) Trin.¹ (Hair Grass.)
- 27. BRACHYELYTRUM** Beauv.
 1. **erectum** (Schreb.) Beauv. *B. aristatum* Beauv.¹
- 29. PHLEUM** L.
 *1. **pratense** L.¹ (Timothy, Herd's Grass.)
- 30. ALOPECURUS** L. Foxtail Grass
 *1. **pratensis** L.¹ (Meadow F.)
 2. **geniculatus** L.¹ (Floating F.)
 geniculatus var. *aristulatus* Torr.¹
- 31. SPOROBOLUS** R. Br. Drop-seed. Rush Grass
 3. **asper** (Michx.) Kunth.¹ *S. longifolius* Wood.³
 6. **vaginiflorus** (Torr.) Wood.¹

10. **cryptandrus** (Torr.) Gray. B. V.
 14. **uniflorus** (Muhl.) Scribn. & Merr. *S. serotina* Gray.¹
- 32. AGROSTIS L.** Bent Grass
 1. **alba** L. (Fiorin or White B., Red Top.) *A. vulgaris* var. With.¹
alba var. *vulgaris* (With.) Thurb. (Red Top.) *A. vulgaris* With.¹
 3. **hyemalis** (Walt.) B S P. (Hair Grass.) *A. scabra* Willd.¹
 4. **perennans** (Walt.) Tuckerm.¹ (Thin Grass.)
 *5. **canina** L.¹ (Brown Bent Grass.)
- 35. CALAMAGROSTIS** Adans. Reed Bent Grass
 4. **canadensis** (Michx.) Beauv. (Blue-joint Grass.) *Deyeuxia* Kunth.¹
 9. **cinnoides** (Muhl.) Barton.³⁴ *Deyeuxia Nuttaliana* Steud.¹
- 36. AMMOPHILA** Host.
 1. **arenaria** (L.) Link.¹ (Sea Sand-reed, Marram, Psamma Beach Grass.)
- 38. CINNA** L. Wood Reed Grass
 1. **arundinacea** L.¹
- 40. HOLCUS** L.
 *1. **lanatus** L.¹ (Velvet Grass.)
- 41. SPHENOPHOLIS** Scribn.
 1. **obtusata** (Michx.) Scribn. *Eatonia* Raf.¹
 3. **pallens** (Spreng.) Scribn. *Eatonia pennsylvanica* Gray.¹
 4. **palustris** (Michx.) Scribn. *Trisetum palustre* L.¹
- 44. DESCHAMPSIA** Beauv. (Common Hair Grass.)
 1. **flexuosa** (L.) Trin.¹
- 45. AVENA** (Tourn.) L. Oat
 *4. **sativa** L.³
- 46. ARRHENATHERUM** Beauv. Oat Grass
 *1. **elatius** (L.) Beauv. (Tall O.) *A. avenaceum* Beauv.¹
- 47. DANTHONIA** D C. Wild Oat Grass
 1. **spicata** (L.) Beauv.¹
 4. **sericea** Nutt.¹

48. **SPARTINA** Schreb. Cord or Marsh Grass

1. **Michauxiana** Hitchc. (Slough Grass.) *S. cynosuroides* Willd.¹
2. **cynosuroides** (L.) Roth. (Salt Reed Grass.) *S. polystachyon* Willd.¹
3. **glabra** Muhl. var. *pilosa* Merr. *S. stricta* Roth.¹
4. **patens** var. *juncea* (Michx.) Hitchc. *S. juncea* Willd.¹

57. **ELEUSINE** Gaertn. Goose Grass. Yard Grass

- *1. **indica** Gaertn.¹

58. **LEPTOCHLOA** Beauv.

2. **fascicularis** (Lam.) Gray. *Diplaona* Beauv.¹

60. **PHRAGMITES** Trin. Reed

1. **communis** Trin.¹ *P. vulgaris* (Lam.) B S P.⁵²

62. **TRIPLASSIS** Beauv.

1. **purpurea** (Walt.) Chapm.¹ (Sand Grass.)

63. **ERAGROSTIS** Beauv.

2. **capillaris** (L.) Nees.¹
4. **pilosa** (L.) Beauv.¹ *E. Purshii* Schrad.⁵¹
- *5. **megastachya** (Koeler.) Link. *E. major* Host.¹
- *6. **minor** Host.¹
8. **pectinacea** (Michx.) Steud.¹
pectinacea var. *spectabilis* Gray.¹

68. **DISTICHLIS** Raf. Spike Grass. Alkali Grass

1. **spicata** (L.) Greene. *D. maritima* Raf.¹

69. **BRIZA** L. Quaking Grass

- *1. **media** L.¹

70. **DACTYLIS** L. Orchard Grass

- *1. **glomerata** L.¹

71. **POA** L. Meadow Grass. Spear Grass

- *1. **annua** L.¹ (Low Spear Grass.)
- *3. **compressa** L.¹ (Canada Blue Grass. Wire Grass.)
9. **triflora** Gilib. (Fowl Meadow Grass.) *P. serotina* Ehrh.¹
10. **pratensis** L.¹ (June Grass, Spear Grass, Kentucky Blue Grass.)
- *11. **trivialis** L.¹ (Rough-stalked Meadow Grass.)
13. **debilis** Torr.¹

73. GLYCERIA R. Br. Manna Grass

2. **obtusa** (Muhl.) Trin.³⁴
3. **canadensis** (Michx.) Trin.³⁴ (Rattlesnake Grass.)
5. **nervata** (Willd.) Trin.¹ (Fowl Meadow Grass.)
6. **grandis** Wats. (Reed Meadow Grass.) *G. aquatica* var. *americana* Vasey.¹
7. **pallida** (Torr.) Trin.¹
8. **fluitans** (L.) R. Br.¹
10. **borealis** (Nash) Batchelder.³
11. **acutiflora** Torr.¹

74. PUCCINELLIA Parl.

1. **maritima** (Huds.) Parl.⁵⁰ (Goose Grass, Sea Spear Grass.)
Glyceria R. Br.¹
3. **distans** (L.) Parl. *Glyceria* R. Br.¹

75. FESTUCA Fescue Grass

- *1. **myuros** L.¹
3. **octoflora** Walt. *F. tenella* Willd.¹
4. **rubra** L.¹
6. **ovina** L.¹ (Sheep's Fescue.)
ovina var. *duriuscula* (L.) Koch. *F. duriuscula* L.¹
- *7. **elatior** L. (Taller or Meadow Fescue.) B. U.
8. **nutans** Spreng.¹

76. BROMUS L. Brome Grass

- *1. **secalinus** L.¹ (Cheat or Chess.)
- *2. **hordeaceus** L. (Soft Chess.) *B. mollis* L.¹
- *3. **racemosus** L.¹
- *8. **tectorum** L.¹
- *9. **sterilis** L.¹
11. **ciliatus** L.¹
12. **purgans** L. *B. ciliatus* var. Gray.¹

77. LOLIUM L. Darnel

- *1. **perenne** L.¹ (Common D., Perennial Ray or Rye Grass.)
- *3. **temulentum** L.³ (Bearded D.)

79. AGROPYRON Gaertn.

- *3. **repens** (L.) Beauv.¹ (Couch, Quitch or Quick Grass.)
repens var. *agrestis* Anderss.³
7. **caninum** (L.) Beauv.¹ (Awned Wheat Grass.)

80. **HORDEUM** (Tourn L.) Barley

1. **jubatum** L.³ (Squirrel-tail Grass.)
H. distichum L.³ (Two-rowed B.)

81. **ELYMUS** L. Wild Rye. Lyme Grass

1. **virginicus** L.¹
3. **canadensis** L.¹
E. riparius Wiegand.⁴⁹
6. **striatus** Willd.¹

82. **HYSTRIX** Moench. Bottle-brush Grass

1. **patula** Moench. *Asprella hystrix* Schreb.¹

Triticum

sativum Lam.³

sativum var. *muticum* Hack.³

sativum var. *vulgare* Hack.³

Secale

- * **cereale** L.³ (Rye.)

Zea

- * **mays** L.³ (Maize, Indian Corn.)

FAMILY 21. CYPERACEAE (Sedge Family)

1. **CYPERUS** (Tourn.) L. Galingale

1. **flavescens** L.¹
2. **diandrus** Torr.³⁸
3. **rivularis** Kunth.³⁸
4. **Nuttallii** Eddy.³⁸
8. **aristatus** Rottb.³⁸ *C. inflexus* Muhl.¹
15. **dentatus** Torr.³⁸
18. **esculentus** L.³⁸ *C. phymatodes* Muhl.¹
esculentus var. *leptostachyus* Boeckl.³⁸
20. **ferax** Rich.³⁸ *C. Michauxianus* Schultze.¹
22. **strigosus** L.³⁸
32. **Grayii** Torr.³⁸⁻⁴²
34. **filiculmis** Vahl.³⁸
filiculmis var. *macilentus* Fernald.³⁸

3. **DULICHIUM** Pers.

1. **arundinaceum** (L.) Britton.³⁴⁻³⁸ *D. spathaceum* Pers.¹

4. **ELEOCHARIS** R. Br. Spike Rush

1. **interstincta** (Vahl.) R. & S.³⁸ *E. equisetoides* Torr.¹

3. **Robbinsii** Oakes.³⁸
5. **olivacea** Torr.³⁸
10. **obtusa** (Willd.) Schultes.³⁸ *E. ovata* (Willd.) R. Br.⁵²
12. **palustris** (L.) R. & S.³⁸
13. **acicularis** (L.) R. & S.³⁸
16. **tuberculosa** (Michx.) R. & S.³⁸
18. **melanocarpa** Torr.³⁸
21. **tenuis** (Willd.) Schultes.³⁸
26. **rostellata** Torr.³⁸

6. **PSILOCARYA** Torr. Bald Rush

1. **scirpoides** Torr.³⁸ *Rhynchospora* Gray.¹

7. **STENOPHYLLUS** Raf.

1. **capillaris** (L.) Britton.³⁸ *Fimbristylis* Gray.³⁴

8. **FIMBRISTYLIS** Vahl.

5. **autumnalis** (L.) R. & S.¹
6. **Frankii** Steud.³⁸

9. **SCIRPUS** (Tourn.) L. Bulrush or Club Rush

1. **nanus** Spreng.³⁸ *Eleocharis pygmaea* Torr.¹
4. **planifolius** Muhl.³⁸
6. **hudsonianus** (Michx.) Fernald.³⁵⁻³⁸
7. **subterminalis** Torr.³⁸
10. **debilis** Pursh.³⁸
11. **Smithii** Gray.³⁸
12. **americanus** Pers.³⁸ *S. pungens* Vahl.¹
13. **Torreyi** Olney.³⁸
14. **Olneyi** Gray.³⁸
17. **validus** Vahl.³⁸ (Great B.)
20. **fluviatilis** (Torr.) Gray.³⁸ (River B.)
21. **robustus** Pursh. *S. maritimus* var. *macrostachys*.¹
22. **campestris** var. *paludosus* (A. Nelson.) Fernald.³⁸ *S. maritimus* L.¹
- campestris** var. *novae-angliae* (Britton.) Fernald.³⁸
24. **sylvaticus** L.³⁸
25. **atrovirens** Muhl.³⁸
27. **georginaus** Harper.³⁸
28. **polyphyllus** Vahl.³⁸
32. **cyperinus** (L.) Kunth.³⁸ (Wool Grass.)

32. **cyperinus** var. *pelius* Fernald.³⁸
cyperinus var. *condensatus* Fernald.³⁸
33. **Eriophorum** Michx.¹
35. **atrocinctus** Fernald.³⁸
- 10. ERIOPHORUM L. Cotton Grass**
2. **callitrix** Cham.³⁸ (Hare's Tail.) *E. vaginatum* L.²⁷
4. **gracile** Roth.³⁸
5. **tenellum** Nutt.³⁸
6. **angustifolium** Roth. *E. polystachion* L.¹
7. **viridi-carinatum** (Engelm.) Fernald.³⁸
8. **virginicum** L.³⁴⁻³⁸
- 11. FUIRENA Rottb. Umbrella Grass**
1. **squarrosa** Michx.³⁸
- 12. HEMICARPHA Nees & Arn.**
1. **micrantha** (Vahl.) Britton.³⁸ *H. subsquarrosa* Nees.¹
- 14. RYNCHOSPORA Vahl. Beak Rush**
2. **macrostachya** Torr.³⁴⁻³⁸
7. **fusca** (L.) Ait. F.³⁴⁻³⁸
11. **alba** (L.) Vahl.³⁸
14. **glomerata** (L.) Vahl.³⁸
- 15. CLADIUM P. Br. Twig Rush**
1. **mariscoides** (Muhl.) Torr.³⁸
- 16. SCLERIA Bergius. Nut Rush**
1. **triglomerata** Michx.¹
6. **reticularis** Michx.³⁸
reticularis var. *pubescens* Britton.³⁸ *S. laxa* Torr.¹
- 18. CAREX (Ruppius.) L. Sedge**
2. **scoparia** Schkuhr.¹⁹
scoparia var. *condensa* Fernald.¹⁹
3. **tribuloides** Wahlenb. *C. lagopodioides* Schkuhr.¹
4. **siccata** Dewey.¹⁹
5. **Crawfordii** Fernald. *C. scoparia* var. *minor* Boott.¹
8. **cristata** Schwein.¹⁹
9. **albolutescens** Schwein.¹⁹
10. **mirabilis** Dewey.¹⁹ *C. cristata* var. *Boott.*¹
mirabilis var. *perlonga* Fernald.¹⁹

11. **straminea** Willd.¹⁹ *C. straminea* var. *minor*.¹
12. **hormathodes** Fernald. *C. straminea* var. *aperta* Boott.¹
C. tenera Dewey.¹⁹
hormathodes var. *invisa* (W. Boott.) Fernald. *C. tenera*
var. *invisa* Britton.¹⁹
14. **silicea** Olney.¹⁹
15. **alata** Torr.¹⁹
17. **festucacea** Schkuhr.¹⁹ *C. straminea* var. *Boott*.¹
festucacea var. *brevior* (Dewey) Fernald.¹⁹ *C. straminea*
var. *typica*.¹
19. **foenea** Willd.¹
foenea var. *perplexa* Bailey.¹⁹
23. **adusta** Boott.¹
26. **exilis** Dewey.¹⁻¹¹⁻¹⁹
27. **stellulata** Good.¹⁹
stellulata var. *ormantha* Fernald.¹⁹
stellulata var. *excelsior* (Bailey) Fernald.¹⁹
stellulata var. *cephalantha* (Bailey) Fernald.¹⁹ *C. stellu-*
lata L. var. *seirpoides*.¹
stellulata var. *angustata* Carey.¹⁹
28. **sterilis** Willd.¹⁹
29. **scirpoides** Schkuhr. *C. interior* Bailey.¹⁹
scirpoides var. *capillacea* (Bailey) Fernald.¹⁹
30. **seorsa** E. C. Howe.¹⁹
32. **canescens** L.¹
canescens var. *disjuncta* Fernald.¹⁹
33. **brunnescens** Poir.¹⁹
34. **bromoides** Schkuhr.¹⁹
35. **Deweyana** Schwein.¹⁹
37. **trisperma** Dewey.¹⁹
41. **rosea** Schkuhr.¹⁹
rosea var. *radiata* Dewey.³⁻¹⁹
42. **retraflexa** Muhl.¹ *C. rosea* var. *Torr*.¹⁹
- *43. **muricata** L.¹⁹
44. **Muhlenbergii** Schkuhr.¹⁹
Muhlenbergii var. *enervis* Boott.¹⁹
45. **cephalophora** Muhl.¹⁹
47. **sparganioides** Muhl.¹⁹
48. **cephaloidea** Dewey.¹⁹

51. **vulpinoidea** Michx.¹⁹
52. **setacea** Dewey. var. *ambigua* (Barratt) Fernald. *C. xanthocarpa* Bicknell.¹⁹
54. **diandra** Schrank. *C. teretiuscula* Good.¹⁹⁻¹¹
56. **stipata** Muhl.¹⁹
65. **crinita** Lam.¹⁹ *C. Mitchelliana* M. A. Curtis.¹
crinita var. *minor* Boott.¹⁹
crinita var. *gynandra* (Schwein.) Schwein. & Torr.¹⁹
C. gynandra Schwein.¹
68. **torta** Boott.¹⁹
70. **Goodenowii** J. Gay. *C. vulgaris* Fries.¹
71. **stricta** Lam.¹⁹ *C. virginiana* Sm.¹
stricta var. *angustata* (Boott.) Bailey.¹⁹
stricta var. *decora* Bailey.¹⁹ *C. strictior* Dewey.¹
72. **aurea** Nutt.¹⁹
75. **leptalea** Wahlenb.¹⁹ *C. polytrichoides* Muhl.¹
80. **polygama** Schkuhr. *C. Buxbaumii* Wahlenb.¹ *C. fusca* Allioni.¹⁹
81. **triceps** Michx. var. *hirsuta* (Willd.) Bailey.¹⁹ *C. triceps* Michx.¹
82. **virescens** Muhl. var. *costata* Dewey.¹⁹
virescens var. *Swanii* Fernald. *C. virescens* Man. 6 Ed.¹⁹
85. **gracillima** Schwein.¹⁹
93. **umbellata** Schkuhr.¹⁹
96. **albicans** Willd. *C. Emmonsii* var. *elliptica* Boott.¹
97. **communis** Bailey. *C. pilulifera* Fernald.¹⁹
98. **varia** Muhl.¹⁹ *C. Emmonsii* Dewey.¹
99. **novae-angliae** Schwein.¹
100. **pennsylvanica** Lam.¹⁹
pennsylvanica var. *lucorum* (Willd.) Fernald.¹⁹
101. **pubescens** Muhl.¹⁹
105. **panicea** L.¹⁹
106. **tetanica** Schkuhr. var. *Meadii* (Dewey.) Bailey.¹⁹
107. **polymorpha** Muhl.¹⁹
110. **pallescent** L.¹⁹
112. **limosa** L.¹
115. **prasina** Wahlenb.¹⁹ *C. miliacea* Muhl.¹
121. **plantaginea** Lam. *C. laxiflora* Lam. var.¹
123. **platyphylla** Carey.¹⁹

124. **laxiculmis** Schwein.¹⁹ *C. retrocuroa* Dewey.¹
125. **digitalis** Willd.¹⁹
126. **ptychocarpa** Steud.¹⁹
127. **laxiflora** Lam.¹⁹ *C. laxiflora* Lam. var. *intermedia*.¹
laxiflora var. *patulifolia* (Dewey.) Carey.¹⁹
laxiflora var. *varians* Bailey.¹⁹ *C. blanda* Dewey.¹
laxiflora var. *blanda* (Dewey.) Boott. var. *striatula* Carey.¹⁹
C. blanda var. *major*.¹
131. **conoidea** Schkuhr.¹⁹
132. **grisea** Wahlenb.¹⁹
136. **Crawei** Dewey.¹⁹
138. **flava** L.¹
145. **arctata** Boott.¹⁹
146. **debilis** Michx.¹
debilis var. *Rudgei* Bailey.¹⁹
150. **scabrata** Schwein.¹⁹
151. **filiformis** L.¹⁹
152. **lanuginosa** Michx.¹ *C. filiformis* var. *latifolia* Boeckl.¹⁹
154. **vestita** Willd.¹⁹
155. **striata** Michx. var. *brevis* Bailey.¹⁹ *C. striata* Michx.¹
159. **riparia** W. Curtis.¹⁹
161. **squarrosa** L.¹⁹
164. **Pseudo-Cyperus** L.¹
165. **comosa** Boott. *C. Pseudo-Cyperus* var. *Boott*.¹
166. **hystericina** Muhl.¹⁹
167. **lurida** Wahlenb.¹⁹ *C. tentaculata* Muhl.¹
lurida var. *exudans* Bailey.¹⁹
169. **retrorsa** Schwein.¹⁹
172. **lupuliformis** Sartwell.¹ *C. lupulina* var. *polystachya*
S. & T.¹⁹
173. **lupulina** Muhl.¹⁹
lupulina var. *pedunculata* Dewey.³⁻¹⁹
175. **intumescens** Rudge.¹⁹
176. **folliculata** L.³⁻¹⁹
178. **subulata** Michx.¹⁹
182. **vesicaria** L.¹⁹
vesicaria var. *monile* (Tuckerm.) Fernald.¹⁹ *C. monile*
Tuckerm.¹

182. **vesicaria** var. *jejuna* Fernald.¹⁹ *C. monile* var. *minor* Olney.¹
183. **rostrata** Stokes.¹⁹ *C. utriculata* var. *minor* Boott.¹
rostrata var. *utriculata* (Boott.) Bailey. *C. utriculata* Boott.¹
184. **bullata** Schkuhr.¹⁹ *C. Olneyi* Boott.¹
bullata var. *Olneyi* Fernald.¹⁹
185. **Tuckermani** Dewey.¹⁹

ORDER VIII ARALES

FAMILY 22. ARACEAE (Arum Family)

1. **ARISAEMA** Martius. Indian Turnip. Dragon Arum
1. **triphyllum** (L.) Schott.³⁴ (Indian Turnip, Jack-in-the-Pulpit.)
2. **Dracontium** (L.) Schott.¹ (Green Dragon, Dragon Root.)
2. **PELTANDRA** Raf. Arrow Arum
1. **virginica** (L.) Kunth.¹
2. **CALLA** L. Water Arum
1. **palustris** L.¹
4. **SYMPLOCARPUS** Salisb. Skunk Cabbage
1. **foetidus** (L.) Nutt.¹
5. **ORONTIUM** L. Golden Club
1. **aquaticum** L.³⁴
6. **ACORUS** L. Sweet Flag. Calamus
1. **calamus** L.¹

FAMILY 23. LEMNACEAE (Duckweed Family)

1. **SPIRODELA** Schleid.
1. **polyrhiza** (L.) Schleid. *Lemna* L.¹
2. **LEMNA** L. Duckweed. Duck's-meat
2. **valdiviana** Philippi.³
4. **minor** L.¹

ORDER IX XIRIDALES

FAMILY 24. ERIOCAULACEAE (Pipewort Family)

1. **ERIOCAULON** (Gronov.) L. Pipewort
3. **articulatum** (Huds.) Morong. *E. septangulare* With.²⁰⁻³⁴

FAMILY 25. XYRIDACEAE (Yellow-eyed Grass Family)

1. XYRIS (Gronov.) L. Yellow-eyed Grass

1. **montana** Ries. *X. flexuosa* Willd.³⁴
2. **caroliniana** Walt.³⁴

FAMILY 27. COMMELINACEAE (Spiderwort Family)

2. COMMELINA (Plum.) L. Day Flower

1. **communis** L. Miss E. M. Round.
4. **virginica** L.²

FAMILY 29. PONTEDERIACEAE (Pickerel-weed Family)

1. PONTEDERIA L. Pickerel-weed

1. **cordata** L.³⁴
cordata var. *lancifolia* Morong.³⁴

ORDER X LILIALES

FAMILY 30. JUNCACEAE (Rush Family)

1. JUNCUS (Tourn.) L. Rush. Bog Rush

1. **bufonius** L.²²
3. **Gerardi** Loisel.²² (Black Grass.)
4. **tenuis** Willd.²²
tenuis var. *Williamsii* Fernald.²²⁻³⁴
7. **secundus** Beauv.²² *J. tenuis* var. *Engelm.*³
8. **Dudleyi** Wiegand.²²
9. **dichotomus** Ell.⁴⁴
dichotomus var. *platyphyllus* Wiegand⁴¹
13. **Greenei** Oakes & Tuckerm.²²
14. **balticus** Willd. var. *littoralis* Engelm. *J. Balticus* Dethard.¹
16. **effusus** L.²²
23. **brevicaudatus** (Engelm.) Fernald.²²⁻³⁴
24. **canadensis** J. Gay.²²⁻³⁴ *J. canadensis* var. *longicaudatus* Engelm.¹⁻⁵²
canadensis var. *subcaudatus* Engelm.¹
25. **pelocarpus** Mey.²²⁻³⁴
28. **militaris** Bigel.²²⁻³⁴
30. **nodosus** L.¹
33. **scirpoides** Lam.¹
35. **acuminatus** Michx.²²

36. **debilis** Gray.³² *J. acuminatus* var. *Engelm.*

40. **articulatus** L.²²

articulatus var. *obtusatus* Engelm.²²

43. **marginatus** Rostk.²²⁻³⁴

marginatus var. *paucicapitatus* Engelm.³

2. **LUZULA** D C. Wood Rush

1. **saltuensis** Fernald. *L. pilosa* Willd.¹

6. **campestris** (L.) D. C. var. *multiflora* (Ehrh.) Celak.²²
L. campestris D C.¹

FAMILY 31. LILIACEAE (Lily Family)

9. **MELANTHIUM** L.

1. **virginicum** L.¹ (Bunch-flower.)

10. **VERATRUM** (Tourn.) L. False Hellebore

1. **viride** Ait.¹ (American White Hellebore, Indian Poke.)

11. **UVULARIA** L. Bellwort

1. **perfoliata** L.¹

12. **OAKESIA** Wats.

1. **sessilifolia** (L.) Wats. *Uvularia* L.¹

13. **ALLIUM** (Tourn.) L. Onion. Garlic

1. **triccoccum** Ait.¹ (Wild Leek.)

6. **canadense** L.¹ (Wild Garlic.)

*8. **vineale** L.¹ (Field Garlic.)

Funkia

* **F. ovata** Spreng. (Blue Day Lily.)²⁻³⁷

15. **HEMEROCALLIS** L. Day Lily

*1. **fulva** L.¹ (Common D.)

16. **LILIUM** (Tourn.) L. Lily

1. **philadelphicum** L.¹ (Wild Orange-red L., Wood L.)

3. **superbum** L.¹ (Turk's-cap L.)

5. **canadense** L.¹ (Wild Yellow L.)

*7. **tigrinum** Ker.³⁰ (Tiger L.)

17. **ERYTHRONIUM** L. Dog's-tooth Violet

1. **americanum** Ker.¹ (Yellow Adder's-tongue.)

19. **ORNITHOGALUM** (Tourn. L.) Star of Bethlehem.

*1. **umbellatum** L.³⁰

22. ASPARAGUS (Tourn.) L. Asparagus

- *1. **officinalis** L.¹ (Garden A.)

23. CLINTONIA Raf.

1. **borealis** (Ait.) Raf.¹

24. SMILACINA Desf. False Solomon's Seal

1. **racemosa** (L.) Desf.¹ (False Spikenard.)
2. **stellata** (L.) Desf.¹
3. **trifolia** (L.) Desf.¹

25. MAIANTHEMUM (Weber in) Wiggers.

1. **canadense** Desf. *Smilacina bifolia* var. *canadensis* Gray.¹

28. POLYGONATUM (Tourn.) Hill. Solomon's Seal

1. **biflorum** (Walt.) Ell.¹ (Small S.)
2. **commutatum** (R. & S.) Dietr. (Great S.) *P. giganteum* Dietr.¹

30. MEDEOLA (Gronov.) L. Indian Cucumber-root

1. **virginiana** L.³⁴

31. TRILLIUM L. Wake Robin. Birthroot

4. **erectum** L.¹
5. **grandiflorum** (Michx.) Salisb.¹⁶
6. **cernuum** L.³⁴
9. **undulatum** Willd.³⁴ (Painted T.) *T. erythrocarpum* Michx.³⁰

32. ALETRIS L. Colic-root. Star Grass

1. **farinosa** L.¹

33. SMILAX (Tourn.) L. Green Brier. Cat Brier

1. **herbacea** L.¹ (Carrion-flower.)
5. **rotundifolia** L.¹ (Common Green Brier, Horse Brier.)
rotundifolia var. *quadrangularis* (Muhl.) Wood.¹
6. **glauca** Walt.¹ (Saw Brier.)

FAMILY 32. HAEMODORACEAE (Bloodwort Family)

1. LACHNANTHES Ell. Red-root

1. **tinctoria** (Walt.) Ell.¹
L. capitata³⁴

FAMILY 33. DIOSCOREACEAE (Yam Family)

1. DIOSCOREA (Plumier) L. Yam

1. **villosa** L.¹ (Wild Yam-root)

FAMILY 34. AMARYLLIDACEAE (Amaryllis Family)

6. HYPOXIS L. Star Grass

1. **hirsuta** (L.) Coville. *H. erecta* L.³⁴

FAMILY 35. IRIDACEAE (Iris Family)

1. IRIS (Tourn.) L. Fleur-de-lis

1. **versicolor** L.¹ (Larger Blue Flag.)

4. **prismatica** Pursh.³⁷ (Slender Blue Flag.) *I. virginica* L.¹

4. SISYRINCHIUM L. Blue-eyed Grass

6. **angustifolium** Mill.³⁻³⁷

11. **gramineum** Curtis.⁴¹ *S. anceps* Cav.¹

12. **atlanticum** Bicknell.⁴¹

ORDER XII ORCHIDALES

FAMILY 38. ORCHIDACEAE (Orchis Family)

1. CYPRIPEDIUM L. Lady's Slipper. Mocassin
Flower

2. **parviflorum** Salisb.¹ (Smaller Yellow L.)

parviflorum var. *pubescens* (Willd.) Knight. (Larger
Yellow L.) *C. pubescens* Willd.¹⁵

6. **acaule** Ait.⁹⁻¹⁵⁻³⁴ (Stemless L.)

2. ORCHIS (Tourn.) L.

2. **spectabilis** L.¹⁵ (Showy O.)

3. HABENARIA Willd. Rein Orchis. Fringed Orchis

1. **bracteata** (Willd.) R. Br.¹⁵ *H. viridis* var. *Reich.*

2. **flava** (L.) Gray. *H. virescens* Spreng.¹⁵

7. **clavellata** (Michx.) Spreng.³⁴ *H. tridentata* Hook.¹

10. **Hookeri** Torr.¹ *H. Hookeriana* Gray.¹⁵

14. **ciliaris** (L.) R. Br.¹⁵⁻³⁰ (Yellow Fringed O.)

15. **blephariglottis** (Willd.) Torr.¹⁵⁻³⁰⁻³⁴ (White Fringed O.)

blephariglottis var. *holopetala* (Lindl.) Gray.¹

16. **lacera** (Michx.) R. Br.¹⁵ (Ragged Fringed O.)

18. **psycodes** (L.) Sw.¹⁵⁻³⁴

19. **fimbriata** (Ait.) R. Br.¹⁵

4. POGONIA Juss.

1. **ophioglossoides** (L.) Ker.¹⁵

2. **trianthophora** (Sw.) B S P. *P. pendula* Lindl.¹

4. **verticillata** (Wild.) Nutt.¹⁵

5. **CALOPOGON** R. Br.
 1. **pulchellus** (Sw.) R. Br.¹⁵
6. **ARETHUSA** (Gronov.) L.
 1. **bulbosa** L.¹⁵
8. **SPIRANTHES** Richard. Ladies' Tresses
 1. **Beckii** Lindl. *S. simplex* Gray.¹⁵
 2. **gracilis** (Bigel.) Beck.¹⁵⁻³⁴
 4. **praecox** (Walt.) Wats. & Coult.¹⁵ *S. graminea* Lindl. var. *Walteri*.¹
 7. **cernua** (L.) Richard.¹⁵
 9. **Romanzoffiana** Cham.
9. **EPIPACTIS** (Haller.) Boehm. Rattlesnake Plantain
 1. **repens** (L.) Crantz. *Goodyear* R. Br.¹
 4. **pubescens** (Willd.) A. A. Eaton. *Goodyear* R. Br.¹⁵⁻³⁴
10. **LISTERA** R. Br. Twayblade
 1. **cordata** (L.) R. Br.¹⁵
11. **CORALLORRHIZA** (Haller.) R. Br. Coral Root
 1. **trifida** Chatelain. *C. innata* R. Br.²¹
 2. **maculata** Raf. *C. multiflora* Nutt.¹⁵⁻²¹
 4. **odontorrhiza** Nutt.¹⁵⁻²¹
13. **MICROSTYLIS** (Nutt.) Eaton. Adder's Mouth
 2. **unifolia** (Michx.) B S P. *M. ophioglossoides* Nutt.¹⁵⁻³⁰
14. **LIPARIS** Richard. Twayblade
 1. **liliifolia** (L.) Richard.¹
 2. **Loeselii** (L.) Richard.¹⁵

Class II Dicotyledoneae

Subclass I Archichlamydeae

ORDER XIII PIPERALES

FAMILY 39. PIPERACEAE (Pepper Family)

1. **SAURURUS** (Plum.) L. Lizard's Tail
 1. **cernuus** L.²⁵⁻²⁶

ORDER XIV SALICALES

FAMILY 40. SALICACEAE (Willow Family)

1. **SALIX** (Tourn.) L. Willow. Osier

1. **nigra** Marsh.¹ (Black W.)
nigra var. *falcata* (Pursh.) Torr.¹
3. **amygdaloides** Anders. (Peach-leaved W.) *S. nigra* var.¹
5. **lucida** Muhl.¹ (Shining W.)
- *7. **fragilis** L.¹ (Crack W.)
- *8. **alba** L.¹ (White W.)
- *9. **babylonica** L. (Weeping W.)
10. **longifolia** Muhl.¹ (Sand Bar W.)
11. **cordata** Muhl.¹
16. **pedicellaris** Pursh. *S. myrtilloides* L.¹
19. **discolor** Muhl.¹ (Glaucous W.)
20. **petiolaris** Sm.¹
21. **humilis** Marsh.¹ (Prairie W.)
22. **tristis** Ait.¹ (Dwarf Gray W.)
23. **sericea** Marsh.¹ (Silky W.)
24. **rostrata** Richards. *S. livida* var. *occidentalis* Gray.¹
- *28. **viminalis** L.¹ (Osier.)
- *31. **purpurea** L.¹ (Purple W.)
2. **POPULUS** (Tourn.) L. Poplar. Aspen
- *1. **alba** L.¹ (White, P. Silver-leaved P., Abele.)
2. **tremuloides** Michx.¹ (American A.)
3. **grandidentata** Michx.¹ (Large-toothed A.)
- *6. **candicans** Ait. (Balm of Gilead.) *P. balsamifera* var. *Gray*.¹
7. **deltoides** Marsh. (Cottonwood, Necklace P.) *P. monilifera* Ait.¹

ORDER XV MYRICALES

FAMILY 41. MYRICACEAE (Sweet Gale Family)

1. MYRICA L.

1. **Gale** L.¹ (Sweet Gale.)
2. **cerifera** L.¹ (Wax Myrtle.)
4. **asplenifolia** L.³⁴ (Sweet Fern.) *Comptonia* Ait.¹

ORDER XVII JUGLANDALES

FAMILY 43. JUGLANDACEAE (Walnut Family)

1. JUGLANS L. Walnut

1. **cinerea** L.¹ (Butternut, White W.)
2. **nigra** L.¹ (Black W.)

2. **CARYA** Nutt. Hickory
2. **ovata** (Mill.) K. Koch. (Shell-bark or Shag-bark H.)
C. alba Nutt.
3. **laciniosa** (Michx. f.) Loud. (Big Shell-bark, King Nut.)
C. sulcata Nutt.¹
4. **alba** (L.) K. Koch. (Mocker Nut, White-heart H.) *C.*
tomentosa Nutt.¹
5. **microcarpa** Nutt.¹
7. **glabra** (Mill.) Spach. (Pignut or Broom H.) *C. porcina*
Nutt.¹
8. **cordiformis** (Wang.) K. Koch. (Bitter Nut or Swamp
H.) *C. amara* Nutt.¹

ORDER XVIII FAGALES

FAMILY 44. BETULACEAE (Birch Family)

1. **CORYLUS** (Tourn.) L. Hazelnut. Filbert
1. **americana** Walt.¹ (Hazelnut.)
2. **rostrata** Ait.¹ (Beaked H.)
2. **OSTRYA** (Mich.) Scop. Hop Hornbeam. Ironwood
1. **virginiana** (Mill.) K. Koch. (American Hop H., Lever-
wood.) *O. virginica* Willd.¹
3. **CARPINUS** (Tourn.) L. Hornbeam. Ironwood
1. **caroliniana** Walt. (American H., Blue or Water Beech.)
C. americana Michx.¹
4. **BETULA** (Tourn.) L. Birch
1. **lenta** L.¹ (Cherry, Sweet, or Black Birch.)
2. **lutea** Michx. f.¹ (Yellow or Gray B.)
3. **nigra** L.¹ (River or Red B.)
4. **populifolia** Marsh. (White, Gray or Old Field B.) *B.*
alba var. *Spach.*¹
6. **alba** L. (Paper, Canoe or White B.)
alba var. *minor* (Tuckerm.) Fernald. *B. papyracea* Ait.¹
5. **ALNUS** (Tourn.) Ell. Alder
3. **incana** (L.) Moench.¹ (Speckled or Hoary A.)
4. **rugosa** (Du Roi) Spreng. (Smooth A.) *A. serrulata*
Willd.¹

FAMILY 45. FAGACEAE (Beech Family)

1. FAGUS (Tourn.) L. Beech

1. **grandifolia** Ehrh. *F. ferruginea* Ait.¹

2. CASTANEA (Tourn.) Hill. Chestnut

1. **dentata** (Marshl.) Borkh. (Chestnut.) *C. vesca* L. var. *americana* Michx.¹

3. QUERCUS (Tourn.) L. Oak

1. **alba** L.¹ (White O.)
2. **stellata** Wang. (Post O., Iron O.) *Q. obtusiloba* Michx.¹
4. **macrocarpa** Michx.¹ (Bur O., Over-cup or Mossy-cup O.)
5. **bicolor** Willd.¹ (Swamp White O.)
8. **prinoides** Willd. *Q. prinus* var. *humilis* Marsh.¹
9. **prinus** L.¹ (Chestnut O.) *Q. prinus* var. *monticola* Michx.¹
11. **rubra** L.¹ (Red O.)
rubra var. *ambigua* (Michx. f.) Fernald. *Coccinea* var. *ambigua* Gray.¹
12. **palustris** Moench.¹ (Swamp Spanish or Pin O.)
13. **coccinea** Moench.¹ (Scarlet O.)
16. **velutina** Lam. (Quercitron, Yellow-barked or Black O.)
Q. coccinea var. *tinctoria* A. D C.¹
17. **falcata** Michx. *Q. rubra* var. *runcinata* A. D C.¹
18. **ilicifolia** Wang.¹ (Bear or Black Scrub Oak.)

ORDER XIX URTICALES

FAMILY 46. URTICACEAE (Nettle Family)

1. ULMUS (Tourn.) L. Elm

1. **fulva** Michx.¹ (Slippery or Red E.)
3. **americana** L.¹ (American or White E.)

3. CELTIS (Tourn.) L. Nettle-tree. Hackberry

1. **occidentalis** L.¹ (Sugarberry.)

4. CANNABIS (Tourn.) L. Hemp

- *1. **sativa** L.¹

5. HUMULUS L. Hop

1. **Lupulus** L.¹ (Common H.)

8. **MORUS** (Tourn.) L. Mulberry
 *2. **alba** L.³ (White M.)
9. **URTICA** (Tourn.) L. Nettle
 1. **gracilis** Ait.¹
 *3. **dioica** L.¹ (Stinging N.)
 *4. **urens** L.¹
10. **LAPORTEA** Gaud. Wood Nettle
 1. **canadensis** (L.) Gaud.¹
11. **PILEA** Lindl. Richweed. Clearweed
 1. **pumila** (L.) Gray.¹
12. **BOEHMERIA** Jacq. False Nettle
 1. **cylindrica** (L.) Sw.³⁴
13. **PARIETARIA** (Tourn.) L. Pellitory
 1. **pennsylvanica** Muhl.¹

ORDER XX SANTALALES

FAMILY 47. SANTALACEAE (Sandalwood Family)

1. **COMANDRA** Nutt. Bastard Toad-flax
 1. **umbellata** (L.) Nutt.¹⁵

FAMILY 48. LORANTHACEAE (Mistletoe Family)

2. **ARCEUTHOBIUM** Bieb.
 1. **pusillum** Peck.²⁷⁻³⁶ (Dwarf Mistletoe.)

ORDER XXII POLYGONALES

FAMILY 50. POLYGONACEAE (Buckwheat Family)

3. **RUMEX** L. Dock. Sorrel
 *2. **patientia** L.³⁷ (Patience D.)
 4. **Britannica** L.¹⁸ (Great Water D.)
 *5. **crispus** L.¹⁸ (Yellow D.)
 8. **mexicanus** Meisn. *R. Salicifolius* Weinm.¹⁸
 9. **altissimus** Wood.²⁻¹⁸ (Pale D.)
 10. **verticillatus** L.¹⁸ (Swamp D.)
 *12. **obtusifolius** L.¹⁸ (Bitter D.)
 14. **persicarioides** L.¹⁸ (Golden D.) *R. maritimus* L.¹
 *17. **Acetosella** L.¹⁸ (Field or Sheep Sorrel.)

4. POLYGONUM (Tourn.) L. Knotweed

1. **maritimum** L.¹⁸
3. **exsertum** Small.¹⁸
4. **prolificum** (Small.) Robinson.¹⁸
5. **aviculare** L.¹⁸
aviculare var. *littorale* (Link.) Koch.¹⁸
6. **erectum** L.¹⁸
7. **ramosissimum** Michx.¹
ramosissimum forma *atlanticum* Robinson.¹⁸
8. **tenue** Michx.¹⁸
11. **lapathifolium** L.¹⁸ *P. incarnatum* Ell.¹
14. **amphibium** L.¹⁸
amphibium var. *Hartwrightii* (Gray.) Bissell.¹⁸ *P. Hartwrightii* Gray.¹
15. **Muhlenbergii** (Meisn.) Wats.¹⁸
16. **pennsylvanicum** L.¹⁸⁻³⁴
18. **Careyi** Olney.¹⁸⁻³⁴
19. **Hydropiper** L.¹⁸ (Common Smartweed or Water Pepper)
20. **acre** H B K.¹⁸⁻³⁴ (Water Smartweed.)
acre var. *leptostachyum* Meisn.¹⁸
- *21. **orientale** L.¹⁸ (Prince's Feather.)
- *22. **persicaria** L.¹⁸⁻³⁴ (Lady's Thumb.)
24. **hydropiperoides** Michx.¹⁸⁻³⁴ (Mild Water Pepper.)
25. **virginianum** L.¹⁶⁻¹⁸
26. **arifolium** L.¹⁸⁻³⁴ (Halberd-leaved Tear-thumb.)
27. **sagittatum** L.¹⁸⁻³⁴ (Arrow-leaved Tear-thumb.)
- *28. **convolvulus** L.¹⁸ (Black Bindweed.)
29. **cilinode** Michx.¹⁸
30. **scandens** L.¹⁸ (Climbing False Buckwheat.) *P. dumetorum* var. *Gray*.³⁴ *P. dumetorum* L.¹
31. **dumetorum** L. forma *cristatum* (Engelm. & Gray.) Robinson. *P. cristatum* Engelm. & Gray.²⁸

5. FAGOPYRUM (Tourn.) L. Buckwheat

- *1. **esculentum** Moench.¹⁸ (Buckwheat.)

6. POLYGONELLA Michx.

1. **articulata** (L.) Meisn.¹⁸ *Polygonum articulatum* L.¹

ORDER XXIII CHENOPODIALES

FAMILY 51. CHENOPODIACEAE (Goosefoot Family)

4. CHENOPODIUM (Tourn.) L. Goosefoot. Pigweed

- *1. **ambrosioides** L.² (Mexican Tea.)
ambrosioides var. *anthelminticum* (L.) Gray.¹ (Worm-seed.)
- *3. **Botrys** L.¹ (Jerusalem Oak, Feather Geranium.)
- 4. **capitatum** (L.) Asch. (Strawberry Blite.)
- *5. **Bonus-Henricus** L.² (Good-King-Henry.)
- 6. **rubrum** L. (Coast Blite.) *Blitum maritimum* Nutt.¹
- *8. **glaucum** L.¹ (Oak-leaved G.)
- 9. **hybridum** L.¹ (Maple-leaved G.)
- *11. **album** L.¹ (Lamb's Quarters, Pigweed.)
album var. *viride* (L.) Moq.¹
- *13. **murale** L.¹
- *14. **urbicum** L.¹

5. ATRIPLEX (Tourn.) L. Orach

- 2. **patula** L.¹
patula var. *hastata* (L.) Gray.³
- 3. **arenaria** Nutt.¹

8. SALICORNIA (Tourn.) L. Glasswort. Samphire

- 1. **mucronata** Bigel. *S. virginica* L.¹
- 2. **europaea** L. *S. herbacea* L.¹
- 4. **ambigua** Michx. *S. fruticosa* L. var.¹

9. SUAEDA Forskål. Sea Blite

- 1. **maritima** (L.) Dumort.¹
- 4. **linearis** (E U.) Moq.⁴⁸

10. SALSOLA L. Saltwort

- 1. **Kali** L.¹ (Common S.)
- * **Kali** var. *tenuifolia* G. F. W. Mey. (Russian Thistle.)
S. Tragus L.²

FAMILY 52. AMARANTHACEAE (Amaranth Family)

1. AMARANTHUS (Tourn.) L. Amaranth

- *2. **retroflexus** L.² (Green A., Pigweed.)
- *3. **hybridus** L.¹ (Green A., Pigweed.) *A. chlorostachys* Willd.³⁵

- *3 **hybridus** forma *hypochondriacus* (L.) Robinson. *A. hypochondriacus* L.¹
- *4. **paniculatus** L.¹ (Purple A.)
- 5. **graecizans** L. (Tumble Weed.) *A. albus* L.¹
- 6. **blitoides** Wats.²
- *7. **spinosus** L.¹ (Thorny A.)
- 10. **pumilus** Raf.¹
- 2. **ACNIDA** L. Water Hemp
- 1. **cannabina** L.¹

FAMILY 53. PHYTOLACCACEAE (Pokeweed Family)

- 1. **PHYTOLACCA** (Tourn.) L. Pokeweed
- 1. **decandra** L.²⁰ (Common P., Garget, Pigeon Berry.)

FAMILY 55. ILLECEBRACEAE (Knotwort Family)

- 1. **SCLERANTHUS** L. Knawel
- *1. **annuus** L.²⁰
- 2. **ANYCHIA** Michx. Forked Chickweed
- 1. **polygonoides** Raf. *A. dichotoma* Man. ed. 6²⁰
- 2. **canadensis** (L.) B S P. *A. capillacea* D C.²⁰

FAMILY 56. AZOACEAE

- 2. **MOLLUGO** L. Indian Chickweed
- *1. **verticillata** L.²⁰ (Carpet Weed.)

ORDER XXIV CARYOPHYLLALES

FAMILY 57. CARYOPHYLLACEAE (Pink Family)

- 1. **SPERGULARIA** J. & C. Presl. Sand Spurrey
- 1. **rubra** (L.) J. & C. Presl.²⁰ *Lepigonium* Fries.¹
- 2. **marina** (L.) Griseb. *S. salina* J. & C. Presl.²⁰ *Lepigonium salinum* Fries.¹
- 3. **canadensis** (Pers.) Don. *S. borealis* Robinson.²⁰
- 4. **media** (L.) C. Presl. *Lepigonium medium* Fries.¹
- 2. **SPERGULA** L. Spurrey
- *1. **arvensis** L.²⁰⁻³⁴ (Corn S.)
- 3. **SAGINA** L. Pearlwort
- 1. **decumbens** (Ell.) T. & G. *S. apetala* L.¹
- 2. **procumbens** L.²⁰

4. ARENARIA L. Sandwort

1. *lateriflora* L.²⁰
3. *peploides* L.²⁰
- *4. *serphyllifolia* L.²⁰ (Thyme-leaved S.)
10. *caroliniana* Walt.⁴³ (Pine-barren S.) *A. squarrosa* Michx.
11. *groenlandica* (Retz.) Spreng.²⁰ (Mountain S.)

5. STELLARIA L. Chickweed. Starwort

1. *borealis* Bigel.²⁰
8. *longifolia* Muhl.²⁰
- *9. *graminea* L.²⁰
11. *pubera* Michx. (Great C.)
- *12. *media* (L.) Cyrill.²⁰ (Common C.) *Alsine* L.⁵²

6. CERASTIUM L. Mouse-ear Chickweed

1. *arvense* L.²⁰⁻³⁷ (Field M.)
- *2. *vulgatum* L.²⁰ (Common M.)
- *3. *viscosum* L.²⁰
- *4. *semidecandrum* L.⁴¹

8. AGROSTEMMA L. Corn Cockle

- *1. *Githago* L.²⁰ *Lychnis* Sibth⁵¹

9. LYCHNIS (Tourn.) L. Campion

- *2. *Flos-cuculi* L.²⁻²⁰ (Ragged Robin.)
- *4. *dioica* L.²⁰ (Red C.) *L. diruna* L.¹
- *5. *alba* Mill.²⁰⁻³⁴ (White C.) *L. vespertina* Sibth.¹

10. SILENE Catchfly. Campion

2. *antirrhina* L.²⁰ (Sleepy Catchfly.)
antirrhina var. *divaricata* Robinson.²⁰
3. *armeria* L.²⁻²⁰ (Sweet William Catchfly.)
- *6. *noctiflora* L.²⁰ (Night-flowering Catchfly.)
9. *pennsylvanica* Michx.²⁰ (Wild Pink.)
13. *stellata* (L.) Ait. f.²⁰ (Starry Campion.)
- *15. *latifolia* (Mill.) Britten & Rendle. (Bladder Campion.)
S. inflata Sm.¹ *S. cucubalus* Willd.²⁰

11. SAPONARIA L.

- *1. *officinalis* L.²⁰ (Soapwort, Bouncing Bet.)
- *2. *Vaccaria* L.²⁻²⁰ (Cow-herb.) *Vaccaria vulgaris* Host.¹

12. GYPSOPHILA L.

- *1. **muralis** L.²⁰

14. DIANTHUS L. Pink. Carnation

- *4. **Armeria** L.²⁰ (Deptford P.)

FAMILY 58. PORTULACACEAE (Purslane Family)

2. CLAYTONIA (Gronov.) L. Spring Beauty

1. **virginica** L.²⁰

4. PORTULACCA (Tourn.) L. Purslane

- *1. **oleracea** L.²⁰ (Common P.)

ORDER XXV RANUNCULALES

FAMILY 59. CERATOPHYLLACEAE (Hornwort Family)

1. CERATOPHYLLUM L. Hornwort

1. **demersum** L.¹

demersum var. *echinatum* Gray.¹

FAMILY 60. NYMPHAEACEAE (Water Lily Family)

1. NYMPHAEA (Tourn.) L. Yellow Pond Lily. Spatterdock

1. **advena** Ait. (Cow Lily.) *Nuphar* Ait. f.³⁴

- x? **rubrodisca** (Morong.) Greene. *N. odorata* var. *minor*.¹

2. CASTALIA Salisb. Water Nymph. Water Lily

1. **odorata** (Ait.) Woodville & Wood. (Sweet-scented Water Lily.) *Nymphaea* Ait.³⁴

odorata forma *Rosea* (Pursh.) Britton. *Nymphaea* var. *rosea*.¹

4. BRASENIA Schreb. Water Shield

1. **Scheberi** Gmel. *B. peltata* Pursh.¹

FAMILY 61. RANUNCULACEAE (Crowfoot Family)

1. RANUNCULUS (Tourn.) L. Crowfoot. Buttercup

3. **aquatis** L. var. *capillaceus* D C.⁴⁷ (Common White Water C.) *R. aquatilis* var. *trichophyllus* Gray.¹

5. **Cymbalaria** Pursh.⁴⁷ (Seaside C.)

6. **delphinifolius** Torr.⁴⁷ (Yellow Water C.) *R. multifidus* Pursh.¹

9. **laxicaulis** (T. & G.) Darby.⁴⁷ (Water Plantain Spearwort.) *R. alismaefolius* Geyer.¹

10. **Flammula** L. var. *reptans* (L.) Mey.¹
14. **sceleratus** L.⁴⁷ (Cursed C.)
15. **micranthus** Nutt.⁴⁷
16. **abortivus** L.⁴⁷ (Small-flowered C.)
17. **alleghehiensis** Britton.⁴⁷
19. **recurvatus** Poir.⁴⁷ (Hooked C.)
20. **fascicularis** Muhl.¹ (Early C.)
23. **repens** L.⁴⁷ (Creeping B.)
25. **pennsylvanicus** L. f.¹ (Bristly C.)
- *27. **bulbosus** L.⁴⁷ (Bulbous C. or B.)
- *28. **acris** L.⁴⁷ (Tall C. or B.)

5. **THALICTRUM** (Tourn.) L. Meadow Rue

5. **dioicum** L.⁴⁷ (Early M.)
7. **revolutum** D C.⁴⁷ *T. purpurascens* L.¹
8. **polygamum** Muhl.⁴⁷ (Tall M.) *T. cornuti* L.¹

6. **ANEMONELLA** Spach.

1. **thalictroides** (L.) Spach.⁴⁷ (Rue Anemone.)

7. **HEPATICA** (Rupp.) Hill. Liverleaf. Hepatica

1. **triloba** Chaix. *Anemone Hepatica* L. var. *obtusiloba*.¹

8. **ANEMONE** (Tourn.) L. Anemone

5. **cylindrica** Gray.⁴⁷
7. **virginiana** L.⁴⁷
9. **quinquefolia** L.⁴⁷ (Wood A.) *A. nemorosa* L.¹

9. **CLEMATIS** L. Virgin's Bower

1. **virginiana** L.⁴⁷
11. **verticillaris** D C.⁴⁷

11. **CALTHA** (Rupp.) L. Marsh Marigold

1. **palustris** L.⁴⁷

13. **COPTIS** Salisb. Goldthread

1. **trifolia** (L.) Salisb.³⁴⁻⁴⁷

17. **AQUILEGIA** (Tourn.) L. Columbine

1. **canadensis** L.⁴⁷ (Wild C.)

18. **DELPHINIUM** (Tourn.) L. Larkspur

- *1. **Consolida** L. (Field L.) B. V.
- *2. **ajacis** L.²⁻⁴⁷

20. CIMICIFUGA L. Bugbane

2. **racemosa** (L.) Nutt.¹ (Black Snakeroot, Black Cohosh.)

21. ACTAEA L. Baneberry. Cohosh

1. **rubra** (Ait.) Willd.⁴⁷ (Red B.) *A. spicata* var. *rubra* Michx.¹
2. **alba** (L.) Mill.⁴⁷ (White B.)

FAMILY 62. MAGNOLIACEAE (Magnolia Family)

2. LIRIODENDRON L. Tulip Tree

1. **Tulipifera** L.¹

FAMILY 66. BERBERIDACEAE (Barberry Family)

1. PODOPHYLLUM L. May Apple. Mandrake

1. **peltatum** L.¹

4. CAULOPHYLLUM Michx. Blue Cohosh

1. **thalictroides** (L.) Michx.¹ (Pappoose Root.)

5. BERBERIS (Tourn.) L. Barberry

- *2. **vulgaris** L.¹ (Common B.)

FAMILY 67. LAURACEAE (Laurel Family)

2. SASSAFRAS Nees.

1. **variifolium** (Salisb.) Ktze. *S. officinale* Nees.²⁶

4. BENZOIN Fabric. Wild Allspice. Fever Bush

1. **aestivale** (L.) Nees. (Spice Bush, Benjamin Bush.)
Lindera Benzoin Blume.²⁶

ORDER XXVI PAPAVERALES

FAMILY 68. PAPAVERACEAE (Poppy Family)

1. SANGUINARIA (Dill.) L. Bloodroot

1. **canadensis** L.¹

3. CHELIDONIUM (Tourn.) L. Celandine

- *1. **majus** L.¹

4. GLAUCIUM (Tourn.) Hill. Horn Poppy. Sea Poppy

- *1. **flavum** Crantz.¹ *G. luteum* Scop.

5. PAPAVER (Tourn.) L. Poppy

- *1. **somniferum** L.² (Common P.)

- *3. **dubium** L.²

FAMILY 69. FUMARIACEAE (Fumitory Family)

1. ADLUMIA Raf. Climbing Fumitory

1. **fungosa** (Ait.) Greene. *A. cirrhosa* Raf.¹

2. DICENTRA Bernh.

1. **Cucullaria** (L.) Bernh. (Dutchman's Breeches.)

2. **canadensis** (Goldie.) Walp. (Squirrel Corn.)

3. CORYDALIS (Dill.) Medic.

1. **sempervirens** (L.) Pers. (Pale C.) *C. glauca* Pursh.¹

4. FUMARIA (Tourn.) L. Fumitory

- *1. **officinalis** L.¹ (Common F.)

FAMILY 70. CRUCIFERAE (Mustard Family)

1. DRABA (Dill.) L.

- *1. **verna** L.¹ (Whitlow Grass.)

2. **caroliniana** Walt.¹

2. BERTOERA D C.

- *1. **incana** (L.) D C. *Alyssum* L.²

3. LOBULARIA Desv. Sweet Alyssum

- *1. **maritima** (L.) Desv. *Alyssum* Lam.¹

4. ALYSSUM (Tourn.) L.

- *1. **alyssoides** L. *A. calcynum* L.²

6. THLASPI (Tourn.) L. Penny Cress

- *1. **arvense** L.¹ (Field or Mithridate Mustard.)

7. LEPIDIUM (Tourn.) L. Pepperwort. Peppergrass

1. **virginicum** L.⁵² (Wild Peppergrass.) *L. virginianum* L.¹

- *3. **ruderales** L.¹

- *5. **campestre** (L.) R. Br.¹

- *6. **Draba** L.¹

8. CORONOPUS Ludwig. Wart Cress. Swine Cress

- *1. **didymus** (L.) Sm. *Senebiera* D C. *didyma* Pers.¹

- *2. **procumbens** Gilibert. *Senebiera coronopus* D C.¹

10. CAPSELLA Medic. Shepherd's Purse

- *1. **Bursa-pastoris** (L.) Medic.¹

11. CAMELINA Crantz. False Flax

- *1. **sativa** (L.) Crantz.¹

- *2. **microcarpa** Andr. *C. sylvestris* Wallr.³

- 13. CAKILE** (Tourn.) Ludwig. Sea Rocket
 1. **edentula** (Bigel.) Hook.⁵² (American S.) *C. americana* Nutt.¹
- 14. RAPHANUS** (Tourn.) L. Radish
 *1. **Raphanistrum** L.¹⁻⁵² (Wild R., Jointed Charlock.)
 *2. **sativus** L.¹ (Radish.)
- 15. BRASSICA** (Tourn.) L. Mustard. Turnip
 *1. **alba** (L.) Boiss.¹⁻⁵² (White M.)
 *2. **arvensis** (L.) Ktze. (Charlock.) *B. sinapistrum* Boiss.¹⁻⁵²
 *3. **junceae** (L.) Cosson.²
 *5. **nigra** (L.) Koch.¹⁻⁵² (Black M.)
 *6. **campestris** L.²⁻⁵² (Rutabaga.)
- 19. SISYMBRIUM** (Tourn.) L. Hedge Mustard
 *1. **officinale** (L.) Scop.¹
 *6. **Sophia** L.¹
 *7. **Thalianum** (L.) J. Gay.² (Mouse-ear Cress.)
- 21. HESPERIS** (Tourn.) L. Rocket
 *1. **matronalis** L. (Dame's Violet.)
- 22. ERYSIMUM** (Tourn.) L. Treacle Mustard
 1. **cheiranthoides** L.¹ (Worm-seed Mustard.)
- 23. RADICULA** (Dill.) Hill. Water Cress
 *1. **Nasturtium-aquaticum** (L.) Britten & Rendle. (True W.) *Nasturtium officinale* R. Br.¹
 6. **palustris** (L.) Moench. *Nasturtium palustre* D C.¹
 *8. **Armoracia** (L.) Robinson. (Horse Radish.) *Nasturtium* R. Br.¹
- 24. BARBAREA** R. Br. Winter Cress
 1. **vulgaris** R. Br.¹ (Common W., Yellow Rocket.)
- 30. CARDAMINE** (Tourn.) L. Bitter Cress
 1. **bulbosa** (Schreb.) B S P. (Spring Cress.) *C. rhomboidea* D C.¹
 7. **hirsuta** L.¹
 8. **parviflora** L. *C. hirsuta* var. *sylvatica* Gray.¹
 9. **pennsylvanica** Muhl. *C. flexuosa* B. U.
- 31. ARABIS** L. Rock Cress
 3. **glabra** (L.) Bernh. (Tower Mustard.) *Aperfoliata* Lam.¹

10. **laevigata** (Muhl.) Poir.¹
11. **canadensis** L.¹ (Sickle-pod.)

FAMILY 72. RESEDACEAE (Mignonette Family)

1. **RESEDA** (Tourn.) L. Mignonette. Dyer's Rocket
- *1. **Luteola** L.⁴⁶ (Dyer's Weed or Weld.)
- *2. **lutea** L.³⁷⁻⁴⁶

ORDER XXVII SARRACENIALES

FAMILY 73. SARRACENIACEAE (Pitcher Plant Family)

1. **SARRCENIA** (Tourn.) L.
1. **purpurea** ²⁰⁻³⁴⁻⁴⁶ (Side-saddle Flower, Pitcher Plant, Huntsman's Cup.)

FAMILY 74. DROSERACEAE (Sundew Family)

1. **DROSERA** L. Sundew
1. **rotundifolia** L.³⁴⁻⁴⁶ (Round-leaved S.)
3. **longifolia** L.⁴⁶ *D. intermedia* Hayne.³⁴

ORDER XXVIII ROSALES

FAMILY 75. PODOSTEMACEAE (River Weed Family)

1. **PODOSTEMUM** Michx. River Weed
1. **ceratophyllum** Michx.⁴⁶

FAMILY 76. CRASSULACEAE (Orpine Family)

1. **PENTHORUM** (Gronov.) L. Ditch Stonecrop
1. **sedoides** L.⁴⁶
3. **SEDUM** (Tourn.) L. Stonecrop. Orpine
- *1. **acre** L.³⁰⁻⁴⁶ (Mossy S.)
- *9. **purpureum** Tausch.⁴⁶ (Garden O., Live-for-ever.) *S. telephum* L.¹

FAMILY 77. SAXIFRAGACEAE (Saxifrage Family)

1. **ASTIBBE** Hamilton. False Goat's Beard
- *1. **A. japonica** Gray.² (Spiraea of Hort.)
4. **SAXIFRAGA** (Tourn.) L. Saxifrage
6. **pennsylvanica** L.⁴⁵ (Swamp S.)
7. **virginiensis** Michx.⁴⁵ (Early S.)

8. **CHRYOSPLENIUM** (Tourn.) L. Golden Saxifrage
1. **americanum** Schwein.⁴⁵
9. **PARNASSIA** (Tourn.) L. Grass of Parnassus
3. **caroliniana** Michx.⁹⁻⁴⁵
10. **PHILADELPHUS** L. Mock Orange or Syringa
- * . **P. coronarius** L.³⁻⁴⁵ (Syringa of Cult.)
14. **RIBES** L. Currant. Gooseberry
5. **oxyacanthoides** L.¹ (Smooth G.)
- oxyacanthoides** var. *calcicola* Fernald. *R. hirtellum* Michx.⁴⁵
7. **floridum** L'Hér.¹ (Wild Black C.) *R. americanum* Mill.⁴⁵
13. **triste** Pall. (Swamp Red C.) *R. rubrum* var. *subglandulosum* Maxim.³
- * . **R. odoratum** Wendland.⁴⁵ (Missouri C. of Cult.)

FAMILY 78. HAMAMELIDACEAE (Witch-hazel Family)

1. **HAMAMELIS** L. Witch-hazel
1. **virginiana** L.⁴⁵

FAMILY 79. PLATANACEAE (Plane Tree Family)

1. **PLATANUS** (Tourn.) L. Sycamore. Buttonwood
1. **occidentalis** L.⁴⁵

FAMILY 80. ROSACEAE (Rose Family)

1. **PHYSOCARPUS** Maxim. Nine-bark
1. **opulifolius** (L.) Maixm.³
2. **SPIRAEA** (Tourn.) L.
6. **latifolia** Borkh. (Meadow-sweet.) *S. salicifolia* L.¹
7. **tomentosa** L.¹ (Hardhack, Steeple Bush.)
4. **SORBARIA** A. Br.
- *1. **sorbifolia** (L.) A. Br. *Spiraea* L.³⁰
6. **PYRUS** (Tourn.) L.
7. **arbutifolia** (L.) L. f.³
8. **melanocarpa** (Michx.) Willd. *P. arbutifolia* L. var.¹
9. **americana** (Marsh.) D C.¹ (American Mountain Ash.)

7. AMELANCHIER Medic. Juneberry

1. canadensis (L.) Medic. (Shad Bush, Service Berry.)
canadensis var. *Botryapium* (L. f.) T. & G.¹
2. oblongifolia (T. & G.) Roem. *A. canadensis* var. T. & G.¹
3. spicata (Lam.) C. Koch. *A. canadensis* var. *rotundifolia*
T. & G.¹

8. CRATAEGUS L. Hawthorn. White Thorn

- *1. oxyacantha L.¹ (English H.)
2. Crus-galli L.¹
8. punctata Jacq. *C. tomentosa* L. var.¹
17. coccinea L.¹
21. tomentosa L. *C. tomentosa* var. *pyrifolia*.¹

10. FRAGARIA (Tourn.) L. Strawberry

1. virginiana Duchesne.¹
2. vesca L.¹⁻⁵²
- * F. grandiflora Ehrh.⁴¹ (Garden S.)

15. POTENTILLA L. Cinquefoil. Five-finger

2. monspeliensis L. R W P
monspeliensis var. *norvegica* (L.) Rydb. *P. norvegica* L.¹
7. argentea L.¹ (Silvery C.)
- *10. recta L.¹
15. fruticosa L.¹ (Shrubby C.)
17. anserina L.¹ (Silver Weed.)
19. canadensis L.¹
canadensis var. *simplex* (Michx.) T. & G.¹

17. GEUM L. Avens

1. canadense Jacq. *G. album* Gmel.¹
3. virginianum L.¹
5. strictum Ait.¹
8. rivale L.¹ (Water or Purple A.)

18. RUBUS (Tourn.) L. Bramble

1. idaeus L. var. *aculeatissimus* (C. A. Mey.) Regel & Tiling.
(Wild Red Raspberry.) *R. strigosus* Michx.¹
3. occidentalis L.¹⁻⁵² (Black R., Thimbleberry.)
4. odoratus L.¹ (Purple Flowering R.)
7. triflorus Richards.¹ (Dwarf R.)
9. allegheniensis Porter. *R. villosus* Ait.¹

- 21. **canadensis** L.¹⁻⁵²
- 34. **hispidus** L.¹⁻⁵²
- 37. **villosus** Ait.¹⁻⁵² (Dewberry.) *R. canadensis* L.¹

19. DALIBARDA Kalm.

- 1. **repens** L. *Rubus Dalibarda*.¹

21. AGRIMONIA (Tourn.) L. Agrimony

- 2. **striata** Michx. *A. Eupatoria* L.¹
- 3. **mollis** (T. & G.) Britton.³²

22. SANGUISORBA (Rupp.) L. Burnet

- *3. **minor** Scop. (Garden B.) *Poterium Sanguisorba* L.²

23. ROSA (Tourn.) L. Rose

- 2. **acicularis** Lindl. Miss E. M. Round.
- 4. **blanda** Ait.²⁷⁻³⁷
- *7. **cinnamomea** L. (Cinnamon R.) R W P
- *8. **canina** L.³ (Dog R.)
- *10. **rubiginosa** L.¹ (Sweet Brier, Eglantine.)
- * **rubiginosa** var. *micrantha* (Sm.) Lindl. *R. micrantha* Sm.¹
- 13. **carolina** L.¹
- 14. **virginiana** Mill. *R. lucida* Ehrh.¹⁻⁵²
- 15. **humilis** Marsh.³

24. PRUNUS (Tourn.) L. Plum Cherry

- 1. **Serotina** Ehrh.¹ (Wild Black or Rum C.)
- 2. **virginiana** L.¹ (Choke C.)
- 3. **pennsylvanica** L. f.¹ (Wild Red, Bird, Fire or Pin C.)
- *5. **instititia** L. (Bullace P.) *P. spinosa* L.¹
- 6. **maritima** Wang.¹⁻⁵² (Beach P.)
- 11. **pumila** L.¹ (Sand C.)
- 16. **americana** Marsh.¹ (Wild P.)

FAMILY 81. LEGUMINOSAE (Pulse Family)

6. GLEDITSIA L. Honey Locust

- 1. **triacanthos** L.¹ (Honey Locust.)

7. CASSIA (Tourn.) L. Senna

- 1. **marilandica** L.⁸ (Wild S.)
- 5. **Chamaecrista** L.⁸⁻⁹ (Partridge Pea.)
- 7. **nictitans** L.⁸ (Wild Sensitive Plant.)

- 9. BAPTISIA** Vent. False Indigo
 1. **tinctoria** (L.) R. Br.⁸⁻³⁴ (Wild Indigo).
- 13. CROTOLARIA** (Dill.) L. Rattle-box
 1. **sagittalis** L.⁸
- 17. LUPINUS** (Tourn.) L. Lupine
 1. **perennis** L.⁸ (Wild L.)
- 18. TRIFOLIUM** (Tourn.) L. Clover. Trefoil
 *1. **arvense** L.⁸ (Rabbit-foot or Stone C.)
 *2. **incarnatum** L.³⁻⁸ (Crimson or Italian C.)
 *3. **pratense** L.⁸ (Red C.)
 *4. **medium** L.⁸ (Zigzag C.)
 6. **reflexum** L. (Buffalo C.)
 8. **repens** L.⁸ (White C.)
 *9. **hybridum** L.⁸⁻³⁴ (Alsike C.)
 *11. **agrarium** L.⁸ (Yellow or Hop C.)
 *12. **procumbens** L.⁸ (Low Hop C.)
- 19. MELILOTUS** (Tourn.) Hill. Melilot. Sweet Clover
 *1. **officinalis** (L.) Lam.⁸ (Yellow M.)
 *4. **alba** Desr.⁸ (White M.)
- 20. MEDICAGO** (Tourn.) L. Medick
 *1. **sativa** L.⁸ (Lucerne, Alfalfa.)
 *3. **Lupulina** L.⁸ (Black M., Nonesuch.)
 *4. **arabica** Huds.⁸ (Spotted M.) *L. maculata* Willd.¹
 *5. **hispida** Gaertn.⁸ (Bur Clover.) *L. denticulata* L.¹
- 23. LOTUS** (Tourn.) L. Bird's-foot Trefoil
L. tenuis Waldst. & Kit.³¹
- 28. TEPHROSIA** Pers. Hoary Pea
 1. **virginiana** (L.) Pers.⁸ (Goat's Rue, Catgut.)
- 30. ROBINIA** L. Locust
 1. **Pseudo-Acacia** L.⁸ (Common L., False Acacia.)
 2. **Viscosa** Vent. (Clammy L.) Miss E. M. Round.
 3. **hispida** L.⁸⁻¹⁴ (Bristly L., Rose Acacia.)
- 34. GLYCYRRHIZA** (Tourn.) L. Liquorice
 1. **lepidota** (Nutt.) Pursh.² (Wild L.)

36. CORONILLA L.

- *1. *varia* L.³⁻⁸

38. DESMODIUM Desv. Tick Trefoil

- 1. *nudiflorum* (L.) D C.⁸
- 2. *grandiflorum* (Walt.) D C. *D. acuminatum* D C.⁸
- 4. *rotundifolium* (Michx.) D C.⁸
- 6. *glabellum* (Michx.) D C. *D. humifusum* Beck.⁸
- 7. *canescens* (L.) D C.⁸
- 8. *bracteosum* (Michx.) D C. *D. cuspidatum* T. & G.⁸
- 12. *Dillenii* Darl.⁸
- 13. *paniculatum* (L.) D C.⁸⁻³⁴
- 15. *canadense* (L.) D C.⁸⁻³⁴
- 16. *sessilifolium* (Torr.) T. & G.⁸
- 17. *rigidum* (Ell.) D C.⁸⁻³⁴
- 18. *obtusum* (Muhl.) D C. *D. ciliare* D C.⁸⁻³⁴
- 19. *marilandicum* (L.) D C.⁸

39. LESPEDEZA Michx. Bush Clover

- 1. *procumbens* Michx.⁸
- 3. *violacea* (L.) Pers.⁸
- 5. *Nuttallii* Darl.⁸
- 7. *Stuvei* Nutt.⁸
- 8. *virginica* (L.) Britton. *L. reticulata* Pers.³⁻⁸
- 9. *frutescens* (L.) Britton.³⁴ *L. Stuvei* var. *intermedia* Wats.⁸
- 11. *hirta* (L.) Hornem. *L. polystachya* Michx.⁸
- 12. *capitata* Michx.⁸⁻³⁴
- 13. *angustifolia* (Pursh.) Ell. *L. capitata* var.¹

42. VICIA (Tourn.) L. Vetch. Tare

- *1. *sativa* L.⁸ (Spring V.)
- *2. *angustifolia* (L.) Reichard.²⁻⁸ (Common V.)
- *4. *tetrasperma* (L.) Moench.⁸
- *5. *hirsuta* (L.) S. F. Gray.²⁻⁸
- 7. *Cracca* L.⁸

43. LATHYRUS (Tourn.) L. Vetchling. Everlasting Pea

- 1. *maritimus* (L.) Bigel.⁸ (Beach Pea.)
- 2. *palustris* L.⁸

44. **APIOS** (Boerh.) Ludwig. Ground Nut. Wild Bean
1. **tuberosa** Moench.⁸

45. **PHASEOLUS** (Tourn.) L. Kidney Bean
1. **polystachyus** (L.) B S P. (Wild Bean.) *P. diversifolia* Pers.¹

- * **P. vulgaris** L.²

47. **STROPHOSTYLES** Ell.

1. **helvola** (L.) Britton. *S. angulosa* Ell.⁸ *Phaseolus diversifolia* L.¹

51. **AMPHICARPA** Ell. Hog Peanut

1. **monoica** (L.) Ell.⁸
2. **Pitcheri** T. & G.³²

ORDER XXIX GERANIALES

FAMILY 82. LINACEAE (Flax Family)

1. **LINUM** (Tourn.) L. Flax

- *1. **usitatissimum** L.³⁴ (Common F.)
6. **sulcatum** Riddell.¹
7. **striatum** Walt.¹⁻⁵²
8. **virginianum** L.¹

FAMILY 83. OXALIDACEAE (Wood Sorrel Family)

1. **OXALIS** L. Wood Sorrel

1. **Acetosella** L.¹ (Common W.)
2. **violacea** L.¹ (Violet W.)
5. **stricta** L. *O. corniculata* L. var.¹
7. **corniculata** L.³⁴ (Lady's Sorrel.)

FAMILY 84. GERANIACEAE (Geranium Family)

1. **GERANIUM** Cransebill

1. **maculatum** L.¹ (Wild C.)
4. **Robertianum** L.¹ (Herb Robert.)
6. **carolinianum** L.¹
7. **Bicknellii** Britton.

2. **ERODIUM** L'Hér. Storksbill

- *1. **cicutarium** (L.) L'Hér.¹

TROPAEOLUM Nasturtium

- * **T. majus** L.² (Common N.)

FAMILY 86. RUTACEAE (Rue Family)

1. ZANTHOXYLUM L. Prickly Ash

- 1. americanum** Mill.¹ (Northern P., Toothache-tree.)

FAMILY 87. SIMARUBACEAE (Quassia Family)

1. AILANTHUS Desf. Tree of Heaven

- *1. glandulosa** Desf.³

FAMILY 88. POLYGALACEAE (Milkwort Family)

1. POLYGALA (Tourn.) L. Milkwort

- 1. paucifolia** Willd.⁷ (Fringed Polygala, Flowering Winter-green.)
2. polygama Walt.⁷⁻³⁴
3. Senega L.⁷ (Seneca Snakeroot.)
5. sanguinea L.⁷
7. Nuttallii T. & G.⁷⁻³⁴
9. cruciata L.⁷
10. brevifolia Nutt.⁷
11. verticillata L.⁷
verticillata var. *ambigua* (Nutt.) Wood.⁷

FAMILY 89. EUPHORBIACEAE (Spurge Family)

6. ACALYPHA L. Three-seeded Mercury

- 1. virginica** L.²⁶
2. gracilens Gray.²⁶ *A. virginica* var. *Muell.* Arg.¹

12. EUPHORBIA L. Spurge

- 1. polygonifolia** L.²⁶ (Seaside S.)
8. Preslii Guss.²⁶ *E. hypericifolia* L.¹
9. hirsuta (Torr.) Wiegand.²⁶
10. maculata L.²⁶⁻³⁴ (Milk Purslane.)
***26. Cyparissias** L.²⁶ (Cypress S.)
***28. Peplus** L.²⁶ (Petty S.)

FAMILY 90. CALLITRICHACEAE (Water Starwort Family)

1. CALLITRICHE L. Water Starwort

- 2. palustris** L. *C. verna* L.¹⁻⁵²
3. heterophylla Pursh.¹

ORDER XXX SAPINDALES

FAMILY 94. ANACARDIACEAE (Cashew Family)

1. RHUS L. Sumach

- 1. typhina** L.⁷ (Staghorn S.)

2. **glabra** L.⁷ (Smooth S.)
3. **copallina** L.⁷⁻³⁴ (Dwarf S.)
4. **Vernix** L. (Poison S., or Dogwood.) *R. venenata* L.⁷
5. **Toxicodendron** L.⁷ (Poison Ivy, Poison Oak.)
Toxicodendron var. *radicans* (L.) Torr.¹

FAMILY 96. AQUIFOLIACEAE (Holly Family)

1. **ILEX** L. Holly
 1. **opaca** Ait.¹ (American H.)
 6. **verticillata** (L.) Gray.¹ (Black Alder, Winterberry.)
 7. **laevigata** (Pursh.) Gray.¹⁻⁵² (Smooth Winterberry.)
 8. **glabra** (L.) Gray.¹ (Inkberry.)
2. **NEMOPANTHUS** Raf. Mountain Holly
 1. **mucronata** (L.) Trel. *N. canadensis* D C.¹

FAMILY 97. CELASTRACEAE (Staff Tree Family)

1. **EVONYMUS** (Tourn.) L. Spindle Tree
 1. **atropurpureus** Jacq.³ (Burning Bush, Wahoo.)
3. **CELASTRUS** L. Staff Tree. Shrubby Bitter-sweet
 1. **scandens** L.¹ (Waxwork, Climbing Bitter-sweet.)

FAMILY 98. STAPHYLEACEAE (Bladder Nut Family)

1. **STAPHYLEA** L. Bladder Nut
 1. **trifolia** L.⁷ (American B.)

FAMILY 99. ACERACEAE (Maple Family)

1. **ACER** (Tourn.) L. Maple
 1. **pennsylvanicum** L.⁷ (Striped M., Moosewood.)
 2. **spicatum** Lam.⁷ (Mountain M.)
 3. **saccharum** Marsh.⁷ (Sugaror Rock M.) *A. saccharinum* Wang.¹
 4. **saccharinum** L.⁷ (White or Silver M.) *A. dasycarpum* Ehrh.¹
 5. **rubrum** L.⁷ (Red or Swamp M.)
 6. **Negundo** L.⁷ (Box Elder.) *Negundo aceroides* Moench.¹

FAMILY 100. SAPINDACEAE (Soapberry Family)

2. **AESCULUS** L. Horse-chestnut. Buckeye
 - *1. **Hippocastanum** L. (Common H.)

FAMILY 101. BALSAMINACEAE (Touch-me-not Family)

1. IMPATIENS (Rivinius) L. Balsam. Jewelweed

1. *pallida* Nutt.¹ (Pale Touch-me-not.)

2. *biflora* Walt. (Spotted Touch-me-not.) *I. fulva* Nutt.¹

ORDER XXXI RHAMNALES

FAMILY 102. RHAMNACEAE (Buckthorn Family)

2. RHAMNUS (Tourn.) L. Buckthorn

*2. *cathartica* L.¹ (Common B.)

3. CEANOTHUS L. Red-root

1. *americanus* L.¹ (New Jersey Tea.)

FAMILY 103. VITACEAE (Vine Family)

1. PSEDERA Neck. Virginia Creeper. Woodbine

1. *quinquefolia* (L.) Greene. *Ampelopsis* Michx.¹

3. VITIS (Tourn.) L. Grape

1. *labrusca* L.¹⁻⁵² (Northern Fox G.)

2. *aestivalis* Michx.¹ (Summer or Pigeon G.)

5. *cordifolia* Michx.¹ (Frost or Chicken G.)

6. *vulpina* L. (River-bank or Frost G.) *V. riparia* Michx.¹

ORDER XXXII MALVALES

FAMILY 104. TILIACEAE (Linden Family)

1. TILIA (Tourn.) L. Linden. Basswood

1. *americana* L.¹ (Basswood.)

FAMILY 105. MALVACEAE (Mallow Family)

1. ABUTILON (Tourn.) Mill. Indian Mallow

*1. *Theophrasti* Medic. (Velvet Leaf.) *A. Avicennae*
Gaertn.¹⁻⁵²

6. ALTHEA L. Marsh Mallow

*1. *officinalis* L. (Marsh Mallow.)

7. MALVA (Tourn.) L. Mallow

*1. *rotundifolia* L.¹⁻⁵² (Common M., Cheeses.)

*2. *verticillata* L. *M. crispa* L.¹

*3. *sylvestris* L.¹ (High M.)

*4. *moschata* L.¹ (Musk M.)

11. HIBISCUS L. Rose Mallow

- *1. **syriacus** L.¹ (Shrubby Althea of gardens.)
- 2. **Moscheutos** L.¹ (Swamp R.)
- *7. **Trionum** L.¹ (Flower-of-an-hour.)

ORDER XXXIII VIOLALES

FAMILY 107. HYPERICACEAE (St. John's-wort Family)

2. HYPERICUM (Tourn.) L. St. John's-wort

- *3. **perforatum** L.⁷ (Common S.)
- 4. **punctatum** Lam. *H. corymbosum* Muhl.¹ *H. maculatum* Walt.⁷⁻³⁴
- 10. **adpressum** Bart.⁷
- 14. **ellipticum** Hook.⁷
- 16. **boreale** (Britton) Bicknell.⁷⁻³⁴
- 17. **mutilum** L.⁷
- 19. **majus** (Gray.) Britton. *H. canadense* var. Gray.⁷
- 20. **canadense** L.⁷⁻³⁴
- 22. **gentianoides** (L.) B S P.³⁴ (Orange Grass, Pinweed.)
H. sarothra Michx.¹ *H. nudicaule* Walt.⁷
- 23. **virginicum** L.⁷⁻³⁴ (Marsh S.) *Elodes campanulata* Pursh.¹

FAMILY 108. ELATINACEAE (Waterwort Family)

1. ELATINE L. Waterwort

- 1. **americana** (Pursh.) Arn.⁷

FAMILY 109. CISTACEAE (Rockrose Family)

1. HELIANTHEMUM (Tourn.) Mill. Rockrose

- 1. **canadense** L.?) Michx.⁷ (Frostweed.)
- 2. **majus** B S P.⁷ (Frostweed.)

2. HUDSONIA L.

- 1. **ericoides** L.⁷
- 2. **tomentosa** Nutt.⁷

3. LECHEA (Kalm.) L. Pinweed

- 1. **villosa** E. U. *L. major* Michx.⁷
- 2. **minor** L.³⁻⁷ *L. Novae-Caesareae* Austin.¹
- 3. **intermedia** Leggett.⁷
- 5. **maritima** Leggett.⁷ *L. thymifolia* Pursh.¹
- 6. **tenuifolia** Michx.⁷ *L. minor* Lam. var.¹

FAMILY 110. VIOLACEAE (Violet Family)

2. VIOLA (Tourn.) L. Violet. Heart's-ease

1. **pedata** L.³⁴ (Bird-foot V.) *V. pedata* var. *bicolor* Pursh.¹
pedata var. *lineariloba* D C. *V. pedata* L.¹
2. **cucullata** Ait. *V. palmata* var. *Gray*.¹
9. **palmata** L.¹
15. **fimbriatula** Sm. *V. ovata* Nutt.³
16. **sagittata** Ait.¹
24. **lanceolata** L.¹⁻⁵² (Lance-leaved V.)
25. **primulifolia** L.¹⁻⁵² (Primrose-leaved V.)
27. **blanda** Willd.¹
30. **rotundifolia** Michx.¹ (Round-leaved or Early Yellow V.)
- *31. **odorata** L.¹ (English or Sweet V.)
34. **pubescens** Ait.¹ (Downy Yellow V.)
35. **scabriuscula** Schwein (Smooth Yellow V.) *V. pubescens*
Ait. var. ¹
37. **striata** Ait.¹
38. **conspersa** Reichenb. *V. canina* var. *Muhlenbergii* Gray.¹
40. **arenaria** D C.
- *43. **tricolor** L. (Pansy, Heart's-ease.)

ORDER XXXIV OPUNTIALES

FAMILY 113. CACTACEAE (Cactus Family)

2. OPUNTIA (Tourn.) Mill. Prickly Pear. Indian
Fig

1. **vulgaris** Mill.¹

ORDER XXXV MYRTALES

FAMILY 114. THYMELAEACEAE (Mezereum Family)

1. DIRCA L. Leatherwood. Moosewood

1. **palustris** L.²⁶ (Wicopy.)

2. DAPHNE L. Mezereum

- *1. **mezereum** L.²⁶

FAMILY 116. LYTHRACEAE (Loosestrife Family)

2. ROTALA L.

1. **ramosior** (L.) Koehne. *Ammannia humilis* Michx.¹

4. **DECODON** J. F. Gmel. Swamp Loosestrife

1. **verticillatus** (L.) Ell.⁵² (Water Willow.) *Nesaea*, *Comerson*, *verticillata* H. B. K.¹

5. **LYTHRUM** L. Loosestrife

1. **Hyssopifolia** L.¹
3. **alatum** Pursh.¹
*4. **Salicaria** L.¹ (Spiked L.)
6. **CUPHEA** P. Br.
1. **petiolata** (L.) Koehne. (Clammy C.) *C. viscosissima* Jacq.¹

FAMILY 117. MELASTOMACEAE (Melastoma Family)

1. **RHEXIA** L. Deer Grass. Meadow Beauty

1. **virginica** L.³⁴

FAMILY 118. ONAGRACEAE (Evening Primrose Family)

2. **LUDVIGIA** L. False Loosestrife

1. **alternifolia** L.¹ (Seedbox.)
8. **palustris** (L.) Ell.¹⁻⁵² (Water Purslane.)

3. **EPILOBIUM** L. Willow-herb

1. **angustifolium** L. (Great W., Fireweed.) *E. spicatum* Lam.¹ *Chamaenerium* Scop.³⁴
*2. **hirsutum** L.¹
3. **molle** Torr.¹¹
4. **densum** Raf. *E. palustre* L. var. *lineare*.¹
5. **palustre** L.
6. **coloratum** Muhl.¹
7. **adenocaulon** Haussk.
4. **OENOTHERA** L. Evening Primrose
5. **biennis** L.³⁴ (Common E.)
11. **pumila** L.¹ *Kneiffia* Spach.³⁴
13. **fruticosa** L.¹ (Sundrops.)

8. **CIRCAEA** (Tourn.) L. Enchanter's Nightshade

1. **lutetiana** L.¹
3. **alpina** L.¹

FAMILY 119. HALORAGIDACEAE (Water Milfoil Family)

1. **MYRIOPHYLLUM** (Vaill.) L. Water Milfoil

2. **spicatum** L.¹

6. **scabratum** Michx.¹ *M. pinnatum* (Walt.) B S P.
 8. **humile** (Raf.) Morong. *M. abmiguum* var. *limosum* Nutt.¹
humile forma *natans* (D C.) Fernald. *M. ambiguum* Nutt.¹
humile forma *capillaceum* (Torr.) Fernald. *M. ambiguum* var. *capillaceum* T. & G.¹
 9. **tenellum** Bigel.¹
2. **PROSERPINACA** L. Mermaid Weed
1. **palustris** L.¹⁻⁵²
 2. **pectinata** Lam.¹

ORDER XXXVI UMBELLALES

FAMILY 120. ARALIACEAE (Ginseng Family)

1. **ARALIA** (Tourn.) L.
 2. **racemosa** L.¹ (Spikenard.)
 3. **hispida** Vent.³⁴ (Bristly Sarsaparilla, Wild Elder.)
 4. **nudicaulis** L.¹ (Wild Sarsaparilla.)
2. **PANAX** L. Ginseng
1. **quinquefolium** L. (Ginseng.) *Aralia* Tourn.¹
 2. **trifolium** L. (Dwarf G., Ground-nut.) *Aralia* Tourn.¹

FAMILY 121. UMBELLIFERAE (Parsley Family)

2. **SANICULA** (Tourn. L.) Sanicle. Black Snakeroot
 1. **marilandica** L.⁵
 2. **gregaria** Bicknell.
 3. **canadensis** L.¹
3. **HYDROCOTYLE** (Tourn.) L. Water Pennywort
1. **umbellata** L.⁵
 3. **verticillata** Thunb. *H. interrupta* Muhl.¹
 5. **americana** L.⁵
7. **OSMORHIZA** Raf. Sweet Cicely
1. **Claytoni** (Michx.) Clarke. *O. brevistylis* D C.⁵
 2. **longistylis** (Torr.) D C.⁵
9. **CONIUM** L. Poison Hemlock
- *1. **maculatum** L.⁵

10. **PTILIMNIUM** Raf. Mock Bishop's-weed
1. **capillaceum** (Michx.) Raf. *Discopleura* D C.⁵
11. **AEGOPODIUM** L. Goutweed
- *1. **Podagraria** L.⁵
12. **CICUTA** L. Water Hemlock
1. **maculata** L.⁵⁻³⁴ (Spotted Cowbane, Musquash Root, Beaver Poison.)
3. **bulbifera** L.⁵⁻³⁴
13. **CARUM** L. Caraway
- *1. **Carvi** L.²⁻⁵ (Caraway.)
16. **SIUM** (Tourn.) L. Water Parsnip
1. **cicutaefolium** Schrank.⁵⁻³⁴
cicutaefolium var. *Carsonii* Durand. *S. Carsonii* Durand.⁵
17. **CRYPTOTAENIA** D C. Honewort
1. **canadensis** (L.) D C.⁵
18. **ZIZIA** Koch.
1. **aurea** (L.) Koch.⁵ (Golden Alexanders.)
3. **cordata** (Walt.) D C.⁵
19. **FOENICULUM** (Tourn.) Hill. Fennel
- *1. **vulgare** Hill.²
21. **TAENIDIA** Drude.
1. **integerrima** (L.) Drude. *Pimpinella* Benth.⁵
24. **SCANDIX** (Tourn.) L. Venus' Comb
- *1. **Pecten-Veneris** L.²
26. **LILAEOPSIS** Greene.
1. **lineata** (Michx.) Greene. *Crantzia* Nutt.⁵
30. **AETHUSA** L. Fool's Parsley
- *1. **Cynapium** L.⁵
31. **COELOPLEURUM** Ledeb.
1. **actaeifolium** (Michx.) Coult. & Rose. *C. Gmelini* Ledeb.⁵
37. **PASTINACA** L. Parsnip
- *1. **sativa** L.⁵

38. **LEVISTICUM** (Rivinius) Hill. Lovage
L. scothicum L.⁵ *Ligusticum* L.¹

40. **HERACLEUM** L. Cow Parsnip

1. **lanatum** Michx.⁵

44. **ANGELICA** L. Angelica

4. **atropurpurea** L.⁵

46. **DAUCUS** (Tourn.) L. Carrot

*1. **Carota** L.⁵

BIFORA Hoffm.

B. radians Bieb.⁵

FAMILY 122. CORNACEAE (Dogwood Family)

1. **CORNUS** (Tourn.) L. Cornel. Dogwood

1. **canadensis** L.²⁴ (Dwarf C., Bunchberry)

3. **florida** L.²⁴ (Flowering D.)

4. **circinata** L'Hér.²⁴ (Round-leaved C. or D.)

5. **Amomum** Mill.²⁴⁻³⁴ (Silky C., Kinnikinnick.) *C. sericea*
L.¹

Amomum forma *purpusi* Koehne.²⁴

8. **stolonifera** Michx.¹ (Red-osier D.)

10. **paniculata** L'Hér.²⁴

11. **alternifolia** L. f.²⁴

2. **NYSSA** L. Tupelo. Pepperidge. Sour Gum

1. **sylvatica** Marsh.²⁴ (Black Gum.) *N. multiflora* Wang.¹
sylvatica var. *biflora* Sarg. Miss E. M. Round.

Subclass II Metachlamydeae

ORDER XXXVII ERICALES

FAMILY 123. ERICACEAE (Heath Family)

1. **CLETHRA** (Gronov.) L. White Alder

1. **alnifolia** L.⁴⁻³⁴ (Sweet Pepperbush.)

2. **CHIMAPHILA** Pursh. Pipsissewa

1. **umbellata** (L.) Nutt.⁴⁻³⁴ (Prince's Pine, Pipsissewa.)

2. **maculata** (L.) Pursh.⁴⁻³⁴ (Spotted Wintergreen.)

3. **MONESES** Salisb. One-flowered Pyrola

1. **uniflora** (L.) Gray.¹ *M. grandiflora* Salisb.⁴

4. **PYROLA** (Tourn.) L. Wintergreen. Shin Leaf
 2. **secunda** L.⁴
 3. **chlorantha** Sw.⁴
 4. **elliptica** Nutt.⁴ (Shin Leaf.)
 5. **americana** Sweet. *P. rotundifolia* L.⁴
5. **MONOTROPA** Indian Pipe. Pinesap
 1. **uniflora** L.⁴ (Indian Pipe, Corpse Plant.)
 2. **Hypopitys** L.⁴ (Pinesap, False Beech Drops.)
9. **RHODODENDRON** L.
 2. **viscosum** (L.) Torr.⁴⁻⁹ (Clammy Azalea, White Swamp Honeysuckle.)
viscosum var. *glaucum* (Michx.) Gray.⁴
 3. **nudiflorum** (L.) Torr.⁴⁻³⁴ (Purple A., Pinxter Flower.)
 6. **canadense** (L.) B S P. (Rhodora.) *R. Rhodora* L.⁴⁻⁹
 7. **maximum** L.⁴⁻³⁴ (Great Laurel.)
13. **KALMIA** L. Laurel (of America)
 1. **latifolia** L.⁴⁻³⁴ (Mountain L., Calico Bush, Spoon-wood.)
 2. **angustifolia** L.⁴ (Sheep L., Lambkill.)
 4. **polifolia** Wang. (Pale L.) *K. glauca* Ait.²⁷
16. **LEUCOTHOË** D. Don. Fetter Bush
 4. **racemosa** (L.) Gray.⁴
17. **ANDROMEDA** L.
 2. **glaucophylla** Link.²⁷ (Bog Rosemary.)
18. **LYONIA** Nutt.
 2. **mariana** (L.) D. Don. (Stagger Bush.) *Andromeda* L.⁴
 3. **ligustrina** (L.) D C. (Male Berry.) *Andromeda* Muhl.⁴⁻⁵²
19. **CHAMAEDAPHNE** Moench. Leather Leaf. Cas-
sandra
 1. **calyculata** (L.) Moench. *Cassandra* D. Don.⁴
21. **EPIGAEA** L. Ground Laurel. Trailing Arbutus
 1. **repens** L.⁴⁻⁹ (Mayflower.)
22. **GAULTHERIA** (Kalm.) L. Aromatic Wintergreen
 1. **procumbens** L.⁴⁻³⁸ (Teaberry, Checkerberry.)
23. **ARCTOSTAPHYLOS** Adans. Bearberry
 1. **Uva-ursi** (L.) Spreng.⁴ (Bearberry.)

24. **Calluna** Salisb. Heather. Ling
 *1. **vulgaris** (L.) Hull. ³⁻⁴
25. **CHIOGENES** Salisb. Creeping Snowberry
 1. **hispidula** (L.) T. & G.¹ (Moxie Plum, Capillaire.)
C. serpyllifolia Salisb.⁴
26. **GAYLUSSACIA** H B K. Huckleberry
 2. **dumosa** (Andr.) T. & G.⁴⁻³⁴ (Dwarf H.)
dumosa var. *hirtella* (Ait. f.) Gray.⁴⁻⁵²
 3. **frondosa** (L.) T. & G.⁴ (Dangleberry.)
 5. **baccata** (Wang.) C. Koch. (Black H.) *G. resinosa* T. & G.⁴
27. **VACCINIUM** L. Blueberry. Cranberry
 7. **pennsylvanicum** Lam.⁴ (Low Sweet B., Early Sweet B.)
 9. **vacillans** Kalm.⁴ (Late Low B.)
 10. **corymbosum** L.⁴ (High or Swamp B.)
corymbosum var. *amoenum* (Ait.) Gray.⁴
corymbosum var. *pallidum* (Ait.) Gray.⁴⁻³⁴
 11. **atrococcum** (Gray.) Heller.³⁴ (Black High B.) *V. corymbosum* var. *Gray*.⁴
 18. **oxycoccus** L.⁴ (Small Cranberry.) *Oxycoccus palustris* Pers.³⁰
 19. **macrocarpon** Ait.⁴ (Large or American Cranberry.)

ORDER XXXVIII PRIMULALES

FAMILY 125. PLUMBAGINACEAE (Leadwort Family)

1. **LIMONIUM** (Tourn.) Hill. Sea Lavender. Marsh
 Rosemary
 1. **carolinianum** (Walt.) Britton. *Statice Limonium* var.
Gray.¹⁵

FAMILY 126. PRIMULACEAE (Primrose Family)

3. **HOTTONIA** (Boerh.) L. Featherfoil. Water Violet
 1. **inflata** Ell.¹⁵
 4. **SAMOLUS** (Tourn.) L. Water Pimpernel. Brook-
 weed
 2. **floribundus** H B K.⁵² *S. Valerandi* var. *americanus*
 Gray.¹⁵
 5. **LYSIMACHIA** (Tourn.) L. Loosestrife
 *1. **vulgaris** L.¹⁵

3. **quadrifolia** L.¹⁵⁻³⁴
x producta (Gray.) Fernald.⁴¹ *L. foliosa* Small.
4. **terrestris** (L.) B S P.⁵² *L. stricta* Ait.¹⁵
- *5. **Nummularia** L.¹⁵ (Moneywort.)
6. **thyrsiflora** L.¹⁵ (Tufted L.)

6. STEIRONEMA Raf.

1. **ciliatum** (L.) Raf.¹⁵
4. **lanceolatum** (Walt.) Gray.¹⁵
lanceolatum var. *hybridum* (Michx.) Gray.¹

7. TRIENTALIS L. Chickweed Wintergreen

1. **americana** (Pers.) Pursh.¹⁵ (Star Flower.)

9. ANAGALLIS (Tourn.) L. Pimpernel

- *1. **arvensis** L.¹⁵ (Common P.)

ORDER XXXIX EBENALES

FAMILY 128. EBENACEAE (Ebony Family)

1. DIOSPYROS L. Persimmon

1. **virginiana** L.¹ (Common P.)

ORDER XL GENTIANALES

FAMILY 130. OLEACEAE (Olive Family)

1. FRAXINUS (Tourn.) L. Ash

1. **americana** L.¹⁵ (White A.)
3. **pennsylvanica** Marsh.¹⁵ (Red A.) *F. pubescens* Lam.
pennsylvanica var. *lanceolata* (Borkh.) Sarg.¹⁵ (Green
A.) *F. viridis* Michx. f.
7. **nigra** Marsh. (Black A.) *F. sambucifolia* Lam.¹⁵

2. SYRINGA L. Lilac

- *1. **vulgaris** L.¹⁵ (Common L.)

5. LIGUSTRUM (Tourn.) L. Privet

- *1. **vulgare** L.¹⁵ (Privet or Prim.)

FAMILY 132. GENTIANACEAE (Gentian Family)

1. SABATIA Adans.

7. **stellaris** Pursh.¹
9. **dodecandra** (L.) B S P. *S. chloroides* Pursh.³⁴

3. GENTIANA (Tourn.) L. Gentian

1. *crinita* Froel.¹ (Fringed G.)

8. *Andrewsii* Griseb.¹ (Closed G.)

7. BARTONIA Muhl.

2. *virginica* (L.) B S P.³⁴ *B. tenella* Muhl.¹

9. MENYANTHES (Tourn.) L. Buckbean

1. *trifoliata* L.¹⁻⁵²

10. NYMPHOIDES (Tourn.) Hill. Floating Heart

1. *lacunosum* (Vent.) Fernald. *Limnanthemum* Griseb.¹⁻⁵²

FAMILY 133. APOCYNACEAE (Dogbane Family)

2. VINCA L. Periwinkle

*1. *minor* L.³⁰ (Common P., Myrtle.)

4. APOCYNUM (Tourn.) L. Dogbane. Indian Hemp

1. *androsaemifolium* L.¹⁵ (Spreading D.)

3. *cannabinum* L.¹⁵ (Indian Hemp.)

cannabinum var. *pubescens* (R. Br.) D C.⁴¹

FAMILY 134. ASCLEPIADACEAE (Milkweed Family)

2. ASCLEPIAS (Tourn.) L. Milkweed. Silkweed

1. *tuberosa* L.¹⁵ (Butterfly Weed, Pleurisy-root.)

4. *purpurascens* L.¹⁵ (Purple M.)

5. *incarnata* L. (Swamp M.)

incarnata var. *pulchra* (Ehrh.) Pers.¹⁵⁻³⁴

7. *syriaca* L.¹⁵ (Common M. or Silkweed.) *A. cornuti*
Dene.¹

9. *amplexicaulis* Sm. *A. obtusifolia* Michx.¹⁵

11. *phytolaccoides* Pursh.¹⁵ (Poke M.)

14. *quadrifolia* Jacq.¹⁵

16. *verticillata* L.¹⁵

5. CYNANCHUM L.

*1. *nigrum* (L.) Pers. *Vincetoxicum* Moench.¹⁵

ORDER XLI POLEMONIALES

FAMILY 135. CONVULVACEAE (Convulvulus Family)

4. IPOMEA L. Morning Glory

*2. *coccinea* L.²

*4. *purpurea* (L.) Roth.² (Common M.)

5. **CONVOLVULUS** (Tourn.) L. Bindweed
 1. **spithameus** L. *C. spithamea* Pursh.¹
 3. **sepium** L.¹⁻⁵² (Hedge B.)
 - *4. **arvensis** L.¹ (Field B.)
6. **CUSCUTA** (Tourn.) L. Dodder. Love Vine
 4. **obtusiflora** H B K. *C. chlorocarpa* Engelm.¹
 8. **Coryli** Engelm. *C. inflexa* Engelm.¹
 9. **Gronovii** Willd.¹
 12. **compacta** Juss.¹

FAMILY 136. POLEMONIACEAE (Polemonium Family)

1. **PHLOX** L.
 1. **paniculata** L.³⁻²⁸
- FAMILY 137. HYDROPHYLLACEAE** (Waterleaf Family)

4. **PHACELIA** Juss.
 2. **Purshii** Buckley.²⁸

FAMILY 138. BORAGINACEAE (Borage Family)

2. **CYNOGLOSSUM** (Tourn.) L. Hound's Tongue
 - *1. **officinale** L.¹⁴ (Common H.)
3. **LAPPULA** (Rivinius) Moench. Stickseed
 1. **virginiana** (L.) Greene. (Beggar's Lice.) *Echinosperrum virginicum* Lehm.¹⁴
6. **SYMPHYTUM** (Tourn.) L. Comfrey
 - *1. **officinale** L.¹⁴ (Common C.)
7. **LYCOPSIS** L. Bugloss
 - *1. **arvensis** L.¹⁴ (Small B.)
8. **MYSOTIS** (Rupp.) L. Scorpion Grass. Forget-me-not
 - *1. **scorpioides** L. (True F.) *M. palustris* With.¹⁴
 2. **laxa** Lehm.¹⁴
 3. **arvensis** (L.) Hill.¹⁴
 6. **virginica** (L.) B S P. *M. verna* Nutt.¹⁴
10. **LITHOSPERMUM** (Tourn.) L. Gromwell. Puccoon
 - *1. **arvense** L.¹⁴ (Corn G.)

- *2. **officinale** L.¹⁴ (Common G.)
- 5. **canescens** (Michx.) Lehm. (Puccoon.)
- 11. **ONOSMODIUM** Michx. False Gromwell
- 1. **virginianum** (L.) A. D C.¹⁴
- 12. **ECHIUM** (Tourn.) L. Viper's Bugloss
- *1. **vulgare** L.¹⁴ (Blue-weed, Blue Devil.)

FAMILY 139. VERBENACEAE (Vervain Family)

- 1. **VERBENA** (Tourn.) L. Vervain
- *1. **officinalis** L.¹ (European V.)
- 2. **urticaefolia** L.²⁹ (White V.)
- 4. **hastata** L.²⁹ (Blue V.)

FAMILY 140. LABIATAE (Mint Family)

- 1. **AJUGA** L. Bugle Weed
- *2. **genevensis** L.
- 2. **TEUCRIUM** (Tourn.) L. Germander
- 1. **canadense** L.¹ (American G., Wood Sage.)
- 4. **TRICHOSTEMA** L. Blue Curls
- 1. **dichotomum** L.¹ (Bastard Pennyroyal.)
- 2. **lineare** Walt.¹
- 5. **SCUTELLARIA** L. Skullcap
- 1. **lateriflora** L.³⁴ (Mad-dog S.)
- 8. **galericulata** L.¹
- 9. **integrifolia** L.¹
- 6. **MARRUBIUM** (Tourn.) L. Horehound
- *1. **vulgare** L.¹ (Common H.)
- 9. **NEPETA** L. Cat Mint
- *1. **Cataria** L.¹ (Catnip.)
- *2. **hederacea** (L.) Trevisan. (Ground Ivy, Gill-over-the-Ground.) *N. Glechoma* Benth.¹
- 10. **DRACOCEPHALUM** (Tourn.) L. Dragon Head
- 1. **parviflorum** Nutt.⁵¹
- 11. **PRUNELLA** L. Self-heal
- 1. **vulgaris** L.³⁴ (Heal-all, Carpenter-weed.)

12. **PHYSOSTEGIA** Benth. False Dragon Head
 1. *virginiana* (L.) Benth.¹
15. **GALEOPSIS** L. Hemp Nettle
 *1. *Tetrahit* L.¹ (Common H.)
 *2. *Ladanum* L.¹ (Red H.)
16. **LAMIUM** L. Dead Nettle
 *1. *amplexicaule* L.¹ (Henbit.)
 *2. *purpureum* L.¹
 *3. *album* L.¹
17. **LEONURUS** L. Motherwort
 *1. *Cardiaca* L.¹ (Common M.)
18. **BALLOTA** L. Fetid Horehound
 *1. *nigra* L.¹ (Black Horehound.)
19. **STACHYS** (Tourn.) L. Hedge Nettle
 *1. *annua* L.²
 3. *hyssopifolia* Michx.¹
 5. *tenuifolia* Willd.
tenuifolia var. *aspera* (Michx.) Fernald. *S. aspera*
 Michx.¹
 9. *palustris* L.¹ (Woundwort.)
 10. *cordata* Riddell.¹
S. italica Mill.²
20. **SALVIA** (Tourn.) L. Sage
 2. *azurea* Lam. var. *grandiflora* Benth. Miss E. M. Round.
21. **MONARDA** L. Horse Mint
 1. *didyma* L. (Oswego Tea, Bee Balm.) Miss E. M. Round
 4. *mollis* L. *M. fistulosa* var. *Benth.*¹
23. **HEDEOMA** Pers. Mock Pennyroyal
 1. *pulegioides* (L.) Pers.¹ (American Pennyroyal.)
24. **MELISSA** (Tourn.) L. Balm
 *1. *officinalis* L. (Common B.)
25. **SATUREJA** (Tourn.) L. Savory. Calamint
 6. *vulgaris* (L.) Fritsch. (Basil.) *Calamintha Clinopodium*
 Benth.¹

28. **PYCNANTHEMUM** Michx. Mountain Mint.
Basil.

- 5. **flexuosum** (Walt.) B S P. *P. linifolium* Pursh.¹
- 6. **virginianum** (L.) Durand & Jackson. *P. lanceolatum* Pursh.¹ *Koellia* Mac M.³⁰
- 10. **incanum** (L.) Michx.¹
- 12. **muticum** (Michx.) Pers.¹

29. **THYMUS** (Tourn.) L. Thyme

- *1. **Serpyllum** L.¹ (Creeping T.)

31. **LYCOPUS** (Tourn.) L. Water Horehound

- 1. **virginicus** L.³⁴ (Bugle Weed.)
- 5. **lucidus** Turoz. var. *americanus* Gray. *L. lucidus* L.¹
- 7. **americanus** Muhl.³⁴ *L. sinuatus* Ell.¹

32. **MENTHA** (Tourn.) L. Mint

- *4. **spicata** L. (Spear-mint.) *M. viridis* L.¹
- *5. **piperita** L.¹ (Peppermint.)
- *9. **Cardiaca** Gerarde.
- 11. **arvensis** L.²⁻³⁴
arvensis var. *canadensis* (L.) Briquet. *M. canadensis* L.¹

33. **COLLINSONIA** L. Horse Balm

- 1. **canadensis** L.¹ (Rich-weed, Stone-root.)

FAMILY 141. **SOLANACEAE** (Nightshade Family)

1. **SOLANUM** (Tourn.) L. Nightshade

- 1. **Dulcamara** L.¹ (Bittersweet.)
- 3. **nigrum** L.¹ (Common N.)
- *7. **rostratum** Dunal.¹ (Buffalo Bur.)

3. **PHYSALIS** L. Ground Cherry

- 3. **angulata** L.¹
- 4. **pubescens** L.¹
- 8. **viscosa** L.¹
- *10. **Alkekengi** L.¹ (Winter Cherry.)
- 11. **heterophylla** Nees.
- 13. **subglabrata** Mackenzie & Bush. *P. philadelphica*.²
- 14. **virginiana** Mill.¹

4. **NICANDRA** Adans. Apple of Peru

- *1. **physalodes** (L.) Pers.¹⁻⁵²

5. **LYCIUM** L. Matrimony Vine

- *1. **halimifolium** Mill. (Common M.) *L. vulgare* Dunal.³¹

6. **HYOSCYAMUS** (Tourn.) L. Henbane

- *1. **niger** L.¹ (Black H.)

7. **DATURA** L. Jamestown or Jimson Weed. Thorn Apple

- *1. **Stramonium** L.¹ (Stramonium.)

- *2. **Tatula** L.¹⁻⁵² (Purple T.)

- *3. **Metel** L.²

FAMILY 142. SCROPHULARIACEAE (Figwort Family)

1. **VERBASCUM** (Tourn.) L. Mullein

- *1. **Thapsus** L.²⁹ (Common M.)

- *3. **Blattaria** L.²⁹ (Moth M.)

- *5. **Lychnitis** L.²⁹ (White M.)

2. **LINARIA** (Tourn.) Hill. Toadflax

- *1. **vulgaris** Hill.²⁹ (Ramsted, Butter and Eggs.)

3. **canadensis** (L.) Dumont.²⁹

- *5. **Elatine** (L.) Mill.²⁹

5. **SCROPHULARIA** (Tourn.) L. Figwort

1. **marilandica** L.²⁹ *S. nodosa* L.¹

2. **leporella** Bicknell.²⁹⁻⁴¹

6. **PENTSTEMON** (Mitchell) Ait. Beard-tongue

1. **hirsutus** (L.) Willd. *P. pubescens* Solander.²⁹

7. **laevigatus** Ait. Miss L. Hixon

laevigatus var. *Digitalis* (Sweet) Gray.²⁹

7. **CHELONE** (Tourn.) L. Turtlehead. Snakehead

1. **glabra** L.²⁹ (Balmony.)

9. **MIMULUS** L. Monkey Flower

1. **ringens** L.²⁹

2. **alatus** Ait.²⁹

12. **LIMOSELLA** L. Mudwort

1. **aquatica** L. var. *tenuifolia* (Wolf) Pers.²⁹

14. **ILYSANTHES** Raf. False Pimpernel

1. **dubia** (L.) Barnhart. *I. attenuata* Small.³⁴ *I. riparia* Raf.²⁹

2. **anagallidea** (Michx.) Robinson.²⁹ *I. gratiolooides* Benth.³⁴

15. GRATIOLA L. Hedge Hyssop

- 1. *virginiana* L.²⁹
- 4. *aurea* Muhl.²⁹

17. VERONICA (Tourn.) L. Speedwell

- 1. *virginica* L.¹ (Culver's-root, Culver's Physic.)
- 4. *Anagallis-aquatica* L. (Water S.) *V. Anagallis* L.¹
- 5. *americana* Schwein.²⁹ (American Brooklime.)
- 7. *scutellata* L.²⁹ (Marsh S.)
- 8. *officinalis* L.²⁹ (Common S.)
- *9. *Chamaedrys* L.²⁹ (Bird's-eye.)
- 12. *serpyllifolia* L.²⁹ (Thyme-leaved S.)
- 14. *peregrina* L.²⁹ (Neckweed, Purslane S.)
- *15. *arvensis* L.²⁹ (Corn S.)
- *16. *agrestis* L.¹ (Field S.)
- *18. *hederaefolia* L.¹ (Ivy-leaved S.)

20. GERARDIA (Plumier) L. Gerardia

- 1. *pedicularia* L.²⁹
- 3. *flava* L.²⁹ (Downy False Foxglove.)
- 4. *virginica* (L.) B S P. (Smooth False Foxglove.) *G. quercifolia* Pursh.²⁹
- 11. *purpurea* L.²⁹⁻³⁴ (Purple G.)
- 12. *paupercula* (Gray) Britton.³⁴ *G. purpurea* var. *Gray*.²⁹
- 13. *maritima* Raf.²⁹ (Sea-side G.)
- 14. *tenuifolia* Vahl.²⁹ (Slender G.)
- 17. *parvifolia* Chapm.³²

22. CASTILLEJA Mutis. Painted Cup

- 1. *coccinea* (L.) Spreng.²⁹

24. MELAMPYRUM (Tourn.) L. Cow Wheat

- 1. *lineare* Lam. *M. americanum* Michx.²⁵

27. PEDICULARIS (Tourn.) L. Lousewort

- 2. *canadensis* L.²⁹ (Common L., Wood Betony.)
- 3. *lanceolata* Michx.²⁹

28. RHINANTHUS L. Yellow Rattle

- 2. *Crista-galli* L.²⁹

FAMILY 143. LENTIBULARIACEAE (Bladderwort Family)

- 1. *UTRICULARIA* L. Bladderwort

1. **inflata** Walt.²⁸⁻³⁴
2. **clandestina** Nutt.²⁸⁻³⁴
3. **vulgaris** L.²⁸ (Greater B.)
vulgaris var. *americana* Gray. *U. Macrorrhiza* Le Conte.¹
4. **minor** L.²⁸ (Smaller B.)
5. **gibba** L.²⁸⁻³⁴
6. **biflora** Lam.²⁸⁻³⁴
8. **intermedia** Hayne.²⁸⁻³⁴
9. **purpurea** Walt.²⁸⁻³⁴
10. **resupinata** B. D. Greene.¹¹⁻²⁸⁻³⁴
12. **subulata** L.²⁸⁻³⁴
13. **cornuta** Michx.²⁸⁻³⁴

FAMILY 144. OROBANCHACEAE (Broom-rape Family)

1. **EPIFAGUS** Nutt. Beech-drops. Cancer-root
1. **virginiana** (L.) Bart.²⁸
2. **CONOPHOLIS** Wallr. Squaw-root. Cancer-root
1. **americana** (L. f.) Wallr.²⁸
3. **OROBANCHE** (Tourn.) L. Broom-rape
5. **uniflora** L.²⁸ (One-flowered Cancer-root.) *Aphyllon uniflorum* T. & G.¹

FAMILY 148. PHRYMACEAE (Lopseed Family)

1. **PHRYMA** L. Lopseed
1. **leptostachya** L.²⁹

ORDER XLII PLANTAGINALES

FAMILY 149. PLANTAGINACEAE (Plantain Family)

2. **PLANTAGO** (Tourn.) L. Plantain. Ribwort
2. **major** L.¹ (Common P.)
3. **Rugelii** Dene.¹
6. **decipiens** Barneoud.¹ (Seaside P.)
- *7. **lanceolata** L.¹ (Rib Grass, Ripple Grass, English P.)
- *8. **media** L.² (Hoary P.)
10. **aristata** Michx.³⁴ *P. patagonica* var. *Gray*.¹⁻⁵²
11. **virginica** L.⁹
13. **elongata** Pursh. *P. pusilla* Nutt.¹

ORDER XLIII RUBIALES

FAMILY 150. RUBIACEAE (Madder Family)

3. **GALIUM** L. Bedstraw. Cleavers
2. **Aparine** L.¹ (Cleavers, Goose Grass.)
- *3. **tricorne** Stokes.²
- *5. **verum** L.¹ (Yellow B.)
7. **pilosum** Ait.¹
9. **circaezans** Michx.¹ (Wild Liquorice.)
10. **lanceolatum** Torr.¹ (Wild Liquorice.)
- *14. **Mollugo** L.²
18. **trifidum** L.¹⁻⁵² *G. trifidum* var. *pusillum* Gray.³
19. **Claytoni** Michx.⁴¹
20. **tinctorium** L. *G. trifidum* var. *latifolium* Torr.¹
23. **asprellum** Michx.³⁴ (Rough B.)
24. **triflorum** Michx.¹ (Sweet-scented B.)
6. **MITCHELLA** L. Patridge Berry
1. **repens** L.¹
7. **CEPHALANTHUS** L. Buttonbush
1. **occidentalis** L.⁹⁻³⁴
8. **HOUSTONIA** L.
1. **caerulea** L.¹ (Bluets, Innocence.)
6. **tenuifolia** Nutt.¹
7. **longifolia** Gaertn. *H. purpurea* var. *Gray*.¹

FAMILY 151. CAPRIFOLIACEAE (Honeysuckle Family)

1. **DIERVILLA** (Tourn.) Mill. Bush Honeysuckle
1. **Lonicera** Mill.²⁴ *D. trifida* Moench.¹
2. **LONICERA** L. Honeysuckle
1. **caerulea** L. var. *villosa* (Michx.) T. & G. (Mountain Fly H.) *L. caerulea* L.²⁴
- *5. **Xylosteum** L.²⁴ (European Fly H.)
6. **oblongifolia** (Goldie) Hook.¹ (Swamp Fly H.)
9. **sempervirens** L.²⁴ (Trumpet H.)
11. **hirsuta** Eat. (Hairy H.)
14. **dioica** L.²⁴ *L. glauca* Hill.¹
3. **SYMPHORICARPOS** (Dill.) Ludwig. Snowberry
1. **orbiculatus** Moench.²⁴ (Indian Currant, Coral-berry.)
3. **racemosus** Michx.²⁻²⁴ (Snowberry.)

4. LINNAEA (Gronov.) L. Twin-flower

1. *borealis* L. var. *americana* (Forbes) Rehder. *L. borealis* Gronov.¹

5. TRIOSTEUM L. Feverwort. Horse Gentian

1. *perfoliatum* L.¹ (Tinker's Weed, Wild Coffee.)
2. *aurantiacum* Bicknell.²⁴

6. VIBURNUM (Tourn.) L. Arrow-wood. Laurestinus

2. *alnifolium* Marsh.²⁴ (Hobble-bush, Moosewood.) *V. lantanoides* Michx.¹
5. *acerifolium* L.²⁴ (Dockmackie, Arrow-wood.)
7. *molle* Michx.⁵²
10. *dentatum* L.²⁴⁻³⁴ (Arrow-wood.)
11. *cassinoides* L.²⁴⁻³⁴ (Withe-rod, Wild Raisin.)
12. *nudum* L.¹
13. *Lentago* L.² (Sweet Viburnum, Sheepberry, Nannyberry)

7. SAMBUCUS (Tourn.) L. Elder

1. *canadensis* L.²⁴ (Common E.)
2. *racemosa* L.²⁴ (Red-berried E.)

FAMILY 153. DIPSACACEAE (Teasel Family)

1. DIPSACUS (Tourn.) L. Teasel

- *1. *sylvestris* Huds. (Wild T.)

ORDER XLIV CAMPANULALES

FAMILY 154. CUCURBITACEAE (Gourd Family)

2. SICYOS L. One-seeded Bur Cucumber

1. *angulatus* L.¹

3. ECHINOCYSTIS T. & G. Wild Balsam-apple

1. *lobata* (Michx.) T. & G.¹

FAMILY 155. CAMPANULACEAE (Bluebell Family)

1. SPECULARIA (Heist.) Fabricius. Venus's Looking-glass

1. *perfoliata* (L.) A. D C.¹⁵

2. CAMPANULA (Tourn.) L. Bellflower

- *3. *rapunculoides* L.¹⁵
7. *aparinoides* Pursh.¹⁵⁻³⁴ (Marsh B.)

3. JASIONE L. Sheep's-bit

- *1. montana L.¹⁵⁻¹⁷

FAMILY 156. LOBELIACEAE (Lobelia Family)

1. LOBELIA (Plumier) L.

1. cardinalis L.¹⁵⁻³⁴ (Cardinal Flower.)
7. spicata Lam.¹⁵
11. inflata L.¹⁵⁻³⁴ (Indian Tobacco.)
13. Dortmanna L.¹⁵⁻³⁴ (Water Lobelia.)

FAMILY 157. COMPOSITAE (Composite Family)

1. VERNONIA Schreb. Ironweed

2. noveboracensis Willd.³⁴

3. 'SCLEROLEPIS Cass.

1. uniflora (Walt.) B S P.⁴⁰

4. EUPATORIUM (Tourn.) L. Thoroughwort

1. purpureum L.¹ (Joe-Pye Weed, Trumpet Weed.)
purpureum var. maculatum (L.) Darl.¹
6. hyssopifolium L.¹¹
10. verbenaeifolium Michx. *E. teucrifolium* Willd.⁵²
11. rotundifolium L.¹
12. pubescens Muhl. *E. rotundifolium* var. ovatum Torr.¹
13. sessilifolium L.¹ (Upland Boneset.)
14. perfoliatum L.¹ (Thoroughwort, Boneset.)
16. urticaefolium Reichard. (White Snakeroot. (*E. ager-atoides* L. f.¹
17. aromaticum L.¹

5. MIKANIA Willd. Climbing Hemp-weed

1. scandens (L.) Willd.¹

9. LIATRIS Schreb. Button Snakeroot. Blazing Star

5. scariosa Willd.¹

10. GRINDELIA Willd. Gum-plant. Tar-weed

1. squarrosa (Pursh.) Dunal.²

14. CHRYSOPSIS Nutt. (Golden Aster.)

2. falcata (Pursh.) Ell.³⁴

15. SOLIDAGO L. Golden-rod

3. caesia L.¹

3. *caesia* var. *axillaris* (Pursh.) Gray.
4. *latifolia* L.¹
6. *bicolor* L.¹
7. *hispida* Muhl. *S. bicolor* var. *concolor* T. & G.¹
15. *racemosa* Greene.
racemosa var. *Gillmani* (Gray) Fernald.
16. *decumbens* Greene.
17. *puberula* Nutt.³⁴
18. *stricta* Ait.
19. *uliginosa* Nutt.³⁴
20. *speciosa* Nutt.¹
speciosa var. *angustata* T. & G.
21. *sempervirens* L.⁵⁻⁵²
23. *arguta* Ait.¹
24. *Boottii* Hook.
25. *juncea* Ait.¹
26. *neglecta* T. & G.¹
27. *uniligulata* (D C.) Porter. *S. neglecta* var. *linoides* Gray.¹
28. *odora* Ait.³⁴ (Sweet Golden-rod.)
29. *tortifolia* Ell.
31. *Elliottii* T. & G.¹
32. *ulmifolia* Muhl.¹
33. *rugosa* Mill.¹
38. *nemoralis* Ait.¹⁻⁵²
41. *canadensis* L.¹
44. *serotina* Ait.¹
serotina var. *gigantea* (Ait.) Gray.¹
46. *rigida* L.¹
50. *graminifolia* (L.) Salisb. *S. lanceolata* L.¹
53. *tenuifolia* Pursh.¹⁰

22. ASTER (Tourn.) L. Starwort. Frost-flower. Aster

2. *divaricatus* L. *A. corymbosus* Ait.¹
6. *macrophyllus* L.¹
7. *Herveyi* Gray.¹
8. *spectabilis* Ait.¹
11. *radula* Ait.¹
14. *novae-angliae* L.¹
novae-angliae var. *roseus* (Desf.) D C.¹

17. **concolor** L.¹
18. **patens** Ait.¹
patens var. *phlogifolius* Nees.¹
22. **undulatus** L.¹
23. **cordifolius** L.¹
25. **sagittifolius** Wedemeyer.¹
29. **laevis** L.¹⁻⁵²
33. **ericoides** L.¹
35. **amethystinus** Nutt.¹
36. **multiflorus** Ait.¹
38. **dumosus** L.¹
39. **vimineus** Lam.¹⁻⁵²
vimineus var. (*foliolosus*) (Ait.) Gray.¹
40. **lateriflorus** (L.) Britton. *A. diffusus* Ait.¹
41. **tradescenti** L.¹
42. **paniculatus** Lam.¹
43. **salicifolius** Ait.¹
44. **junceus** Ait.¹
45. **longifolius** Lam.¹
46. **novi-belgii** L.¹
novi-belgii var. *elodes* (T. & G.) Gray.¹
49. **puniceus** L.¹
puniceus var. *firmus* (Nees.) T. & G. var. *laevicaulis* Gray.¹
puniceus var. *lucidulus* Gray.¹
50. **umbellatus** Mill.¹
51. **infirmus** Michx.¹
52. **linariifolius** L.¹
54. **acuminatus** Michx.¹
55. **nemoralis** Ait.¹
nemoralis var. *Blakei* Porter.
56. **tenuifolius** L.¹
57. **subulatus** Michx.¹

23. **ERIGERON** L. Fleabane

3. **pulchellus** Michx. (Robin's Plantain.) *E. bellidifolius* Michx.¹
4. **philadelphicus** L.¹
6. **annuus** (L.) Pers.¹ (Daisy F., Sweet Scabious.)
7. **ramosus** (Walt.) B S P.⁵² (Daisy F.) *E. strigosus* Muhl.¹
ramosus var. *discoideus* (Robbins) B S P.¹

8. **canadensis** L.¹⁻⁵² (Horse-weed, Butter-weed.)
24. **SERIOCARPUS** Nees. White-topped Aster
 1. **asteroides** (L.) B S P. *S. conyzoides* Nees.¹
 2. **linifolius** (L.) B S P. *S. solidagineus* Nees.¹
26. **PLUCHEA** Cass. Marsh Fleabane
 2. **camphorata** (L.) D C.¹⁻⁵² (Salt Marsh Fleabane.)
28. **ANTENNARIA** Gaertn. Everlasting. Ladies' Tobacco. Pussy's Toes
 - A. **Parlinii** var. *ambigua* Fernald.³⁻⁶
3. **plantaginifolia** (L.) Richards. (Plantain-leaved E.)
A. plantaginea R. Br.³⁻⁶
plantaginifolia var. *petiolata* Fernald.³⁻⁶
4. **fallax** Greene. *A. ambigens* Fernald.⁶
8. **neodioica** Greene.³⁻⁶
10. **neglecta** Greene.³⁻⁶
29. **ANAPHALIS** D C. Everlasting
 1. **margaritacea** (L.) B. & H.³⁴ (Pearly E.)
30. **GNAPHALIUM** L. Cudweed
 1. **polycephalum** Michx.¹ (Common Everlasting.)
 2. **decurrens** Ives.¹ (Everlasting.)
 3. **uliginosum** L.¹ (Low C.)
 6. **purpureum** L.¹ (Purplish C.)
31. **INULA** L. Elecampane
 - *1. **Helenium** L.¹ (Elecampane.)
39. **IVA** L. Marsh Elder. Highwater-shrub
 1. **oraria** Bartlett. *I. frutescens* L.¹
40. **AMBROSIA** (Tourn.) L. Ragweed
 3. **artemisiifolia** L.¹ (Roman Wormwood, Hog-weed, Bitter-weed.)
42. **XANTHIUM** (Tourn.) L. Cocklebur. Clotbur
 - *1. **Spinosum** L.¹
 2. **canadense** Mill.⁵²
 6. **echinatum** Murr. *X. canadense* var. *Gray*.¹
46. **RUDBECKIA** L. Cone Flower
 3. **hirta** L.¹ (Yellow Daisy, Black-eyed Susan, Nigger-head.)
 7. **laciniata** L.¹

51. HELIANTHUS L. Sunflower

1. **annuus** L.² (Common S.)
2. **petiolaris** Nutt.²
10. **mollis** Lam.³²
14. **giganteus** L.
19. **divaricatus** L.¹
21. **strumosus** L.¹
23. **decapetalus** L.¹
24. **tuberosus** L.¹ (Jerusalem Artichoke.)

53. VERBESINA L. Crownbeard

- *4. **encelioides** (Cav.) B. & H. var. *exauriculata* Robinson & Greenman. B. U.

54. COREOPSIS L. Tickseed

1. **rosea** Nutt.¹¹
- C. cardaminefolia** T. & G.²

56. BIDENS L. Bur Marigold

3. **discoidea** (T. & G.) Britton.³² *Coreopsis* T. & G.¹
4. **frondosa** L.³² (Beggar-ticks.)
5. **vulgata** Greene.³² (Beggar-ticks, Stick-tight.)
6. **comosa** (Gray) Wiegand.³²
7. **connata** Muhl.¹ (Swamp Beggar-ticks.)
8. **cernua** L.¹ (Stick-tight.)
9. **laevis** (L.) B S P.³⁴ *B. chrysanthemoides* Michx.¹
10. **bipinnata** L.¹ (Spanish Needles.)
12. **trichosperma** (Michx.) Britton. *Coreopsis* Michx.¹
15. **Beckii** Torr.¹ (Water Marigold.)

59. GALINSOGA R. & P.

- *1. **parviflora** Cav.¹
- *. **parviflora** var. *hispida* D C.²

64. HELENIUM L. Sneezeweed

1. **nudiflorum** Nutt.¹⁴
2. **autumnale** L.¹
3. **tenuifolium** Nutt. B. U.

67. ACHILLEA (Vaill.) L. Yarrow

3. **Millefolium** L.¹ (Common Y., Milfoil.)

68. ANTHEMIS (Mich.) L. Chamomile

- *1. **Cotula** L.¹⁻⁵² (May-weed, Dog Fennel.)

- *2. **arvensis** L.¹ (Corn C.)
- *3. **nobilis** L.¹ (Garden C.)
- *4. **tinctoria** L. (Yellow C.)

70. CHRYSANTHEMUM (Tourn.) L. Ox-eye Daisy

- *1. **Leucanthemum** L.¹ (Ox-eye or White Daisy, Marguerite, White-weed.)
- *3. **Parthenium** (L.) Bernh.¹ (Feverfew.)
- *4. **Balsamita** L. var. *tanacetoides* Boiss.¹ (Costmary, Mint Geranium.)

71. TANACETUM L. Tansy

- *1. **vulgare** L.¹ (Common T.)
vulgare var. *crispum* D C.³⁰

73. ARTEMISIA L. Wormwood

- 1. **caudata** Michx.¹
- 8. **ludoviciana** Nutt.¹ (Western Mugwort, White Sage.)
- *9. **vulgaris** L.¹ (Common Mugwort.)
- *10. **kansana** Britton.²
- *11. **Stelleriana** Bess.²⁻³ (Beach W., Dusty Miller, Old Woman.)
- 12. **biennis** Willd.¹
- *14. **Absinthium** L.¹ (Wormwood.)

74. TUSSILAGO (Tourn.) L. Coltsfoot

- *1. **Farfara** L.¹

77. ERECHTITES Raf. Fireweed

- 1. **hieracifolia** (L.) Raf.¹⁻⁵²

78. CACALIA L. Indian Plantain

- 1. **suaveolens** L.¹

79. SENECIO (Tourn.) L. Groundsel. Ragwort.
Squaw-weed

- *1. **vulgaris** L.¹ (Common Groundsel.)
- *2. **viscosus** L.¹
- 8. **obovatus** Muhl. *S. aureus* var. *T. & G.*¹
- 9. **aureus** L.¹ (Golden Ragwort.)
- 11. **Balsamitae** Muhl. *S. aureus* var. *T. & G.*¹

80. ARCTIUM L. Burdock

- *1. **Lappa** L. (Great B.) *A. Lappa* var. *Majus* Gray.¹
- *2. **minus** Bernh. (Common B.) *A. Lappa* var. *Gray.*¹

82. CARDUUS (Tourn.) L. Plumeless Thistle

*1. **nutans** L.² (Musk Thistle.)

*2. **acanthoides** L.⁴¹

83. CIRSIUM (Tourn.) Hill. Common or Plumed Thistle

*1. **lanceolatum** (L.) Hill. (Common or Bull T.) *Cnicus lanceolatus* Hoffm.¹⁻⁵²

2. **spinosissimum** (Walt.) Scop. (Yellow T.) *Cnicus horridulus* Pursh.¹⁻⁵²

6. **discolor** (Muhl.) Spreng. *Cnicus altissimus* var. *Gray*.¹⁻⁵²

7. **altissimum** (L.) Spreng. *Cnicus altissimus* Willd.¹

10. **muticum** Michx. (Swamp Thistle.) *Cnicus muticus* Pursh.¹

11. **pumilum** (Nutt.) Spreng. (Pasture or Bull Thistle.) *Cnicus pumilus* Torr.¹

*13. **arvense** (L.) Scop. (Canada Thistle.) *Cnicus arvensis* Hoffm.¹⁻⁵²

84. ONOPORDUM (Vaill.) L. Cotton or Scotch Thistle

*1. **Acanthium** L.¹

86. CENTAUREA L. Star Thistle

*4. **Jacea** L.¹

*5. **Cyanus** L.¹ (Bluebottle, Bachelor's Button, Corn-flower)

*7. **nigra** L.¹ (Knapweed, Spanish Buttons.)

8. **americana** Nutt.

88. LAPSANA L. Nipple-wort

*1. **communis** L. *Lampsana* Tourn.¹

91. CICHORIUM (Tourn.) L. Succory or Chicory

*1. **Intybus** L.¹⁻⁵² (Common C., Blue Sailors.)

92. KRIGIA Schreb. Dwarf Dandelion

2. **virginica** (L.) Willd.¹

93. HYPOCHAERIS L. Cat's-ear

*1. **radicata** L.⁴¹

94. LEONTODON L. Hawkbit

*1. **autumnalis** L.³⁴ (Fall Dandelion, "Arnica.")

98. **TARAXACUM** (Haller) Ludwig. Dandelion
- *1. **officinale** Weber.³⁰ (Common D.)
 - *2. **erythrospermum** Andr.²¹⁻³⁰ (Red-seeded D.)
99. **SONCHUS** (Tourn.) L. Sow Thistle
- *1. **arvensis** L.¹ (Field S.)
 - *2. **oleraceus** L.¹ (Common S.)
 - *3. **asper** (L.) Hill.¹ (Spiny-leaved S.)
100. **LACTUCA** (Tourn.) L. Lettuce
- *1. **scariola** L.² (Prickly L.)
 - 3. **canadensis** L.¹ (Wild L., Horse-weed.)
 - 4. **integrifolia** Bigel.¹
 - 6. **hirsuta** Muhl.¹
 - 14. **spicata** (Lam.) Hitchc. *L. leucophoea* Gray.¹
105. **PRENANTHES** (Vaill.) L. Rattlesnake-root
- 6. **alba** L.¹ (White Lettuce, Rattlesnake-root.)
 - 7. **serpentaria** Pursh.¹ (Lion's-foot, Gall-of-the-earth.)
 - 10. **altissima** L.¹
106. **HIERACIUM** (Tourn.) L. Hawkweed
- *2. **aurantiacum** L.¹ (Orange H., Devil's Paint-brush, Grim the Collier.)
 - 7. **venosum** L.¹ (Rattlesnake-weed, Poor Robin's Plantain)
 - 9. **paniculatum** L.¹
 - 10. **marianum** Willd.¹
 - 11. **scabrum** Michx.³⁴
 - 12. **Gronovii** L.³⁴
 - 16. **canadense** Michx.¹

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