

SENEY NWR HERBARIUM

This herbarium represents an integral part of the history of the Seney National Wildlife Refuge. The first specimens in the collection date back to 1940. Since then, hundreds of plants have been collected, pressed, mounted, identified, and labeled by over 20 people with an interest in the vegetation of the Refuge. In 1964, Professor Edward G. Voss, a nationally recognized botanist from the University of Michigan, examined the existing plant collection and made many corrections. New specimens (from 2010 onward) were verified by Dr. Anthony Reznicek (University of Michigan Herbarium).

This project has been a cooperative effort by Refuge staff and volunteers. Especially deserving to be singled out is Ms. Laural Tansy (Administrative Technician) who helped save the collection from deprivation by rodents and insects after it was stored for years in an outbuilding. Ms. Tansy also aided on the procurement of a professional herbarium cabinet, which presently houses the specimens, and typed the first draft of this manuscript. The caretaker of this document for the 1990s until 2009 was Dr. Richard E. McNeill (Seney Natural History Association). From 2009 onward, lead for this work was assigned to the Applied Sciences Program under the direction of Dr. Greg Corace working with Jennifer McDonough (Visitor Services), Paul Hlina (University of Wisconsin-Superior), Alex Graeff (Northern Michigan University), and others.

Family-level numbering for the seed plants follows *Gray's Manual of Botany* (unknown year); taxonomy and nomenclature according to *Michigan Flora*. The website was launched in 2012 with the publication of the one volume *Field Manual of Michigan Flora*, (Voss & Reznicek, 2012), an update and consolidation of the three volume *Michigan Flora* (Voss, 1972, 1985, 1996). The website is intended both to be an evolving illustrated companion to the *Field Manual*, presenting photographs of the species and their diagnostic features, and build on the foundation of the *Field Manual* by incorporating updates and new discoveries. Taxonomic treatment of the ferns and their allies is not found in the *Field Manual of Michigan Flora*, but follows Christenhusz, M.J.M., Zhang, X., and Schneider, H. 2011. A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa* 19:7–54.

Species in **blue print** are plants which we do not have specimens for in our herbarium, but were identified by the Michigan Natural Features Inventory as occurring in the Strangmoor Bog in 2007 or were identified in other Refuge-based projects (e.g., graduate research projects such as the wetland work of J. Hribljan, Michigan Technological University, *In Prep.*, pool surveys by Dr. Richard Urbanek, etc.). Species in **red print** are those for which specimens were once found in the herbarium, but are not now. Errors are shown by **highlights**. All species, other than those in **burnt print**, were scanned in ~2016 as part of the Michigan Small Herbaria project in conjunction with the Michigan Consortium of Botanists. Those species in **burnt print** have not been scanned. Species shown with a “*” are considered non-native (some are considered invasive); a few of these species are a priority for management (see 2013 *Habitat Management Plan*). **Note: The Herbarium does not include algae, bryophytes, fungi or lichen (non-vascular plants).**

PTERIDOPHYTA

FERNS AND THEIR ALLIES

1. LYCOPODIACEAE

Dendrolycopodium

Dendrolycopodium obscurum

Synonym: *Lycopodium obscurum*

Diphasiastrum

Diphasiastrum tristachyum

Synonym: *Lycopodium tristachyum*

Lycopodium

Lycopodium clavatum

Staghorn or Wolf's Claw Clubmoss; Running Ground Pine

Spinulum

Spinulum annotinum

Synonym: *Lycopodium annotinum*

CLUBMOSS FAMILY

Ground Pine, Tree Clubmoss

Ground Cedar; Ground Pine

Clubmoss

Stiff or Bristly Clubmoss

2. ISOETACEAE

Isoetes

Isoetes echinospora

Isoetes echinospora ssp. *muricata* (North American subspecies of cosmopolitan *I. echinospora*)

QUILLWORT FAMILY

Quillwort

Spiny Quillwort, Braun's Quillwort

4. EQUISETACEAE

Equisetum

Equisetum arvense

Equisetum fluviatile

Equisetum hyemale

Equisetum palustre

Equisetum scirpoides

Equisetum sylvaticum

HORSETAIL OR SCOURING RUSH FAMILY

Horsetail

Common Horsetail

Water Horsetail

Smooth Scouring Rush; Rough Horsetail

Meadow, Shade or Marsh Horsetail

Dwarf Scouring Rush; Dwarf Horsetail

Woodland Horsetail

5. OPHIOGLOSSACEAE

Botrychium

Botrypus virginianus

Synonym: *Botrychium virginianum*

Rattlesnake Fern

8. OSMUNDACEAE

Osmunda

Osmunda claytoniana

Osmunda regalis

Osmundastrum

Osmundastrum cinnamomea

Synonym: *Osmunda cinnamomea*

FLOWERING FERN FAMILY

Flowering Fern

Interrupted Fern

Royal Fern

Cinnamon Fern

30. DENNSTAEDTIACEAE

Pteridium

Pteridium aquilinum

Bracken Fern

31. PTERIDACEAE

Adiantum

Adiantum pedatum

Maidenhair Fern; Northern Maidenhair

32. CYSTOPTERIDACEAE

Gymnocarpium

Gymnocarpium dryopteris

Oak Fern

35. THELYPTERIDACEAE

Phegopteris

Phegopteris connectilis

Northern Beech Fern

Synonym: Thelypteris phegopteris, Dryopteris phegopteris

Synonym: Phegopteris polypodioides, Polypodium connectile

Synonym: Polypodium phegopteris

Thelypteris

Thelypteris palustris

Marsh Fern

38. ONOCLEACEAE

Matteuccia

Matteuccia struthiopteris

Ostrich Fern

Onoclea

Onoclea sensibilis

Sensitive Fern

42. DRYOPTERIDACEAE

Dryopteris

Dryopteris cristata

Crested Shield Fern

Dryopteris carthusiana

Spinulose Woodfern

Synonym: Dryopteris spinulosa, Aspidium spinulosum

Synonym: Dryopteris austriaca, Polypodium spinulosum

Dryopteris intermedia

Evergreen Woodfern

Synonym: Aspidium intermedium

GYMNOSPERMAE (see *Field Manual Michigan Flora*, 2012)

13. PINACEAE

PINE FAMILY

1. Larix

1. Larix laricina

Larch, Tamarack

2. Pinus

1. Pinus strobus

Eastern White Pine

4. Pinus resinosa

Red Pine

5. Pinus banksiana

Jack Pine

Pinus sylvestris

Scots Pine, Scotch pine

3. Abies

1. Abies balsamea

Balsam fir

4. Tsuga

1. Tsuga canadensis

Eastern Hemlock

5. Picea

1. Picea mariana

Black Spruce

2. *Picea glauca*

White Spruce

CUPRESSACEAE

(Lumped into PINACEAE in Grays Manual of Botany, separated in Field Manual).

1. *Thuja*

1. *Thuja occidentalis*

Arbor Vitae; White-cedar; "Cedar"

2. *Juniperus*

1. *Juniperus communis*

Common or Ground Juniper

CYPRESS FAMILY

MONOCOTYLEDONEAE (see *Field Manual Michigan Flora, 2012, refer to Voss, Volume 1*)

14. TYPHACEAE

1. *Typha angustifolia*

2. *Typha latifolia*

* *Typha* $\times$ *glauca*

CAT-TAIL FAMILY

Narrow-leaved Cattail

Common Cattail

Hybrid of above

15. SPARGANIACEAE

1. *Sparganium eurycarpum*

2. *Sparganium natans*

Synonym: *Sparganium minimum*

3. *Sparganium fluctuans*

4. *Sparganium americanum*

6. *Sparganium emersum*

Synonym: *Sparganium chlorocarpum*

7. *Sparganium angustifolium*

BUR-REED FAMILY

Common Bur-reed

Small Bur-reed

Floating-leaved Bur-reed

American Bur-reed

Narrow-leaved Bur-reed

Narrow-leaved Bur-reed

16. POTAMOGETONACEAE

1. *Potamogeton robbinsii*

2. *Stuckenia pectinatus*

Synonym: *Potamogeton pectinatus*

3. *Stuckenia filiformis*

Synonym: *Potamogeton filiformis*,

Synonym: *Potamogeton vaginatus*

5. *Potamogeton crispus*

6. *Potamogeton praelongus*

7. *Potamogeton richardsonii*

9. *Potamogeton epihydrus*

10. *Potamogeton alpinus*

11. *Potamogeton amplifolius*

15. *Potamogeton gramineus*

16. *Potamogeton natans*

18. *Potamogeton zosteriformis*

24. *Potamogeton friesii*

25. *Potamogeton strictifolius*

P. Potamogeton $\times$ *longiligulatus*

26. *Potamogeton confervoides*

27. *Potamogeton obtusifolius*

28. *Potamogeton foliosus*

PONDWEED FAMILY

Robbins' Pondweed

Sago Pondweed

Narrow-leaved Pondweed

Curly Pondweed

White-stemmed Pondweed

Richardson's Pondweed

Ribbon-leaf Pondweed

Alpine Pondweed, Red Pondweed

Large-leaved Pondweed

Grass-leaved Pondweed

Floating-leaf Pondweed

Flat-stemmed Pondweed

Fries's Pondweed

Narrow-leaved Pondweed

Hybrid species of *P. strictifolius* and *P. zosteriformis*

Algae-like Pondweed

Blunt-leaved Pondweed

Leafy Pondweed

29. Potamogeton pusillus

Small Pondweed, Slender Pondweed

30. Potamogeton berchtoldii

Synonym: Potamogeton pusillus subsp. tenuissimus

17. NAJADACEAE

NAIAD FAMILY

Najas flexilis and Najas guadalupensis moved to Hydorcharitaceae

18. SCHEUCHZERIAACEAE (formerly Juncaginaceae) ARROW-GRASS FAMILY

1. Scheuchzeria

1. Scheuchzeria palustris

Pod-Grass

19. JUNCAGINACEAE

2. Triglochin

1. Triglochin maritima

Arrow-Grass

Synonym: Triglochin concinna,

Synonym: Triglochin debilis

Synonym: Triglochin elata

19. ALISMATACEAE

WATER-PLANTAIN FAMILY

3. Sagittaria graminea

Grass-leaved Arrowhead

4. Sagittaria latifolia

Wapato; Duck-potato

5. Sagittaria cuneata

Arum-leaved Arrowhead

21. HYDROCHARITACEAE

FROG'S-BIT FAMILY

1. Vallisneria americana

Tape-grass; wild-celery

2. Elodea canadensis

Canada Waterweed

4. Najas flexilis

Slender naiad

5. Naja guadalupensis

Southern naiad

22. GRAMINAE (POACEAE)

GRASS FAMILY

(Source: Judziewicz and Freckmann, 2014)

1. ARUNDINEAE (Tribe)

1. Phragmites

1. Phragmites australis var. americana (native) Common Reed

*2. Phragmites australis var. australis (non-native) Common Reed

2. BROMEAE (Tribe)

13. Bromus

Brome Grass

*3. Bromus inermis

Smooth Brome

8. Bromus ciliatus

Fringed Brome

9. Bromus kalmii

Kalm's Brome

3. CHLORIDEAE (Tribe)

5. Muhlenbergia

Muhly Grass

1. Muhlenbergia uniflora

Muhly Grass

6. Muhlenbergia glomerata

Marsh Wild-Timothy

10. Muhlenbergia mexicana

Leafy Satin Grass

4. HORDEAE (Tribe)

3. Elymus

- | | |
|---------------------------------|--------------------|
| 3. Elymus canadensis | Canada Wild Rye |
| 4. Elymus hystrix | |
| Synonym: Hystrix patula | Bottlebrush Grass |
| 5. Elymus repens | Quack Grass |
| Synonym: Agropyron repens | |
| 6. Elymus trachycaulus | Slender Wheatgrass |
| Synonym: Agropyron trachycaulum | |

5. MELICEAE (Tribe)

15. Glyceria

- | | |
|------------------------|----------------------|
| 2. Glyceria borealis | Manna Grass |
| 4. Glyceria canadensis | Northern Manna Grass |
| 6. Glyceria striata | Rattlesnake Grass |
| | Foul Manna Grass |

6. ORYZEAE (Tribe)

1. Zizania

- | | |
|---------------------|-----------|
| 1. Zizania aquatica | Wild-rice |
|---------------------|-----------|

7. PANICEAE (Tribe)

3. Echinochloa

- | | |
|-------------------------|----------------|
| 3. Echinochloa muricata | Barnyard Grass |
|-------------------------|----------------|

7. Panicum

- | | |
|---------------------|--------------|
| 1. Panicum virgatum | Panic Grass |
| | Switch Grass |

8. Dichanthelium

- | | |
|-------------------------------|-------------------------|
| 23. Dichanthelium boreale | Northern panic-grass |
| Synonym: Panicum boreale | |
| 27. Dichanthelium columbianum | Purberulent Panic Grass |
| Synonym: Panicum columbianum | |
| 29. Dichanthelium implicatum | Panic Grass |
| Synonym: Panicum implicatum | |

8. POEAE (Tribe)

17. Agrostis

- | | |
|----------------------|-------------|
| 2. Agrostis gigantea | Bentgrass |
| 6. Agrostis hyemalis | Redtop |
| | Ticklegrass |

14. Calamagrostis

- | | |
|-----------------------------|------------|
| 2. Calamagrostis canadensis | Reedgrass |
| | Blue-joint |

2. Dactylis

- | | |
|------------------------|---------------|
| *1. Dactylis glomerata | Orchard Grass |
|------------------------|---------------|

7. Lolium

- | | |
|--------------------|----------|
| *2. Lolium perenne | Ryegrass |
|--------------------|----------|

3. Phalaris

- | | |
|--------------------------|-------------------|
| *2. Phalaris arundinacea | Reed Canary Grass |
|--------------------------|-------------------|

7. Phleum

- | | |
|---------------------|---------|
| *2. Phleum pratense | Timothy |
|---------------------|---------|

9. Poa

- | | |
|--------------------|--------------------|
| 10. Poa compressa | Bluegrass |
| *11. Poa pratensis | Canada Bluegrass |
| 12. Poa palustris | Kentucky Bluegrass |
| | Fowl Meadow Grass |

9. SACCHAREAE (Tribe)

1. Andropogon

- | | |
|-------------------------------|---------------------------|
| 3. Andropogon gerardii | Big Bluestem; Turkey Foot |
| 2. Schizachyrium scoparium | Little Bluestem |
| Synonym: Andropogon scoparius | |

10. STIPEAE (Tribe)

4. Oryzopsis

- | | |
|--------------------------|------------|
| 4. Oryzopsis asperifolia | Rice-grass |
| | Rice-grass |

11. ZOYSIEAE (Tribe)

7. Spartina

- | | |
|-----------------------|-----------|
| 2. Spartina pectinata | Cordgrass |
|-----------------------|-----------|

23. CYPERACEAE

SEDGE FAMILY

1. Carex

Sedge

5. Chordorrhizae (Section)

- | | |
|-----------------------|-----------------|
| 5. Carex chordorrhiza | Cord-root Sedge |
|-----------------------|-----------------|

10. Glareosae (formerly Heleonastes) (Section)

- | | |
|------------------------------|-------------------------------|
| 27. Carex trisperma | Three-fruited Sedge |
| 29. Carex tenuiflora | Small-headed Bog Sedge |
| 31. Carex brunnescens | Green Bog Sedge |
| 32. Carex canescens | Gray Bog Sedge |

6. Dispemae (Section)

- | | |
|---------------------------|-----------------------------|
| 28. Carex disperma | Two-seeded Bog Sedge |
|---------------------------|-----------------------------|

11. Stellulatae (Section)

- | | |
|--------------------|-------------|
| 33. Carex exilis | Coast Sedge |
| 38. Carex echinata | Star Sedge |

Synonym: Carex angustior

Synonym: Carex cephalantha

40. Carex sterilis

Fen Star Sedge

13. Ouales (Section)

- | | |
|----------------------|------------------|
| 60. Carex bebbii | Bebb's Sedge |
| 65. Carex crawfordii | Crawford's Sedge |

14. Leptocephalae (formerly Polytrichoideae) (Section)

- | | |
|--------------------|---------------|
| 68. Carex leptalea | Slender Sedge |
|--------------------|---------------|

16. Acrocystis (formerly Montanae) (Section)

- | | |
|------------------------|--------------------|
| 77. Carex pensylvanica | Pennsylvania Sedge |
|------------------------|--------------------|

22. Paniceae (Section)

- | | |
|------------------|-------------|
| 89. Carex livida | Livid Sedge |
|------------------|-------------|

33. Ceratocystis (Section)

- | | |
|------------------|--------------------|
| 121. Carex flava | Large Yellow Sedge |
|------------------|--------------------|

Synonym: *Scirpus validus*

6. *Schoenoplectus acutus*

Synonym: *Scirpus acutus*

11. *Schoenoplectus pungens*

Synonym: *Scirpus americanus*

12. *Schoenoplectus subterminalis*

Synonym: *Scirpus subterminalis*

19. *Scirpus cyperinus*

14. *Eriophorum*

1. *Eriophorum vaginatum*

Synonym: *Eriophorum spissum*

2. *Eriophorum tenellum*

3. *Eriophorum gracile*

4. *Eriophorum virginicum*

5. *Eriophorum angustifolium*

Hardstem Bulrush

Threesquare

Water Bulrush

Wool-grass

Cotton-grass; Bog-cotton

Tussock Cotton-grass

Few-nerved Cotton-grass

Slender Cotton-grass

Tawny Cotton-grass

Narrow-leaved Cotton-grass

24. ARACEAE

1. *Arisaema*

1. *Arisaema triphyllum*

3. *Peltandra*

1. *Peltandra virginica*

ARUM FAMILY

Jack-in-the-pulpit; Indian-turnip

Arrow-arum; Tuckahoe

25. LEMNACEAE

3. *Lemna*

3. *Lemna minor*

DUCKWEED FAMILY

Common Duckweed

27. ERIOCAULACEAE

1. *Eriocaulon aquaticum*

Synonym: *Eriocaulon septangulare*

PIPEWORT FAMILY

Pipewort

30. PONTEDERIACEAE

2. *Heteranthera*

1. *Heteranthera dubia*

PICKEREL-WEED FAMILY

Water Star-grass

31. JUNCACEAE

2. *Juncus*

1. *Juncus effuses*

14. *Juncus pelocarpus*

15. *Juncus canadensis*

17. *Juncus brevicaudatus*

22. *Juncus nodosus*

RUSH FAMILY

Common Rush

Brown-fruited Rush

Canadian Rush

Narrow-panicle Rush

Jointed Rush

32. CONVALLARIACEAE

3. *Polygonatum*

2. *Polygonatum pubescens*

4. *Streptopus*

1. *Streptopus amplexifolius*

6. *Medeola*

LILY FAMILY

Solomon-seal

Downy Solomon's-seal

Twisted-stalk, White Mandarin

- 1. *Medeola virginiana*
- 11. Clintonia**
 - 1. Clintonia borealis**
- 15. Maianthemum**
 - 1. *Maianthemum canadense*
 - 2. *Maianthemum racemosum*
Synonym: *Smilacina racemosa*
 - 3. *Maianthemum trifolium*
Synonym: *Smilacina trifolia*
 - 4. *Maianthemum stellatum*
Synonym: *Smilacina stellata*

Indian Cucumber-root

Bluebead lily; Corn-lily

Wild or False Lily-of-the-valley;
Canada Mayflower
False Solomon's Seal

Three-leaved Solomon's Seal

Starry False Solomon's Seal

33. TRILLIACEAE

- 5. Trillium**
 - 6. *Trillium grandiflorum*
 - 9. *Trillium cernuum*

Trillium; Wake-robin
Large-flowered Trillium
Nodding Trillium

34. LILIACEAE

- 7. Erythronium**
 - 1. *Erythronium americanum*
- 8. Lilium**
 - 1. *Lilium philadelphicum*

Trout-lily; Dogtooth-violet; Adder's-tongue
Yellow Trout-lily

Wood Lily

35. ALLIACEAE

- 12. Allium**
 - 4. *Allium schoenoprasum*

Wild Chives

36. MELANTHIACEAE

- 22. Chamaelirium**
 - 1. *Chamaelirium luteum*

Blazing-star

37. IRIDACEAE

- 1. Sisyrinchium**
 - 3. *Sisyrinchium angustifolium*
 - 8. *Sisyrinchium montanum*
- 2. Iris**
 - 6. *Iris versicolor*

IRIS FAMILY

Blue-eyed-grass
Narrow-leaved blue-eyed-grass
Mountain blue-eyed-grass
Iris; Flag
Wild Blue Flag

38. ORCHIDACEAE

- 1. Cypripedium**
 - 1. *Cypripedium acaule*
- 4. Arethusa**
 - 1. *Arethusa bulbosa*
- 5. Pogonia**
 - 1. *Pogonia ophioglossoides*
- 8. Platanthera** (formerly *Habenaria*)
 - 3. *Platanthera pycnodes*

ORCHID FAMILY

Lady-slipper
Moccasin Flower; Pink or Stemless Lady-slipper

Arethusa; Dragon's Mouth.

Rose Pogonia
Rein Orchid
Purple Fringed Orchid

Synonym: <i>Habenaria psycodes</i>	
5. <i>Platanthera lacera</i>	Ragged Fringed Orchid
Synonym: <i>Habenaria lacera</i>	
11. <i>Platanthera clavellata</i>	Club-spur Orchid.
Synonym: <i>Habenaria clavellata</i>	
9. Corallorhiza	Coral-root
1. <i>Corallorhiza maculata</i>	Spotted Coral-root
2. <i>Corallorhiza trifida</i>	Early Coral-root
3. <i>Corallorhiza striata</i>	Striped Coral-root
10. Neottia (formerly <i>Listera</i>)	Twayblade
2. <i>Neottia convallarioides</i>	Broad-leaved Twayblade
Synonym: <i>Listera convallarioides</i>	
11. Epipactis	Twayblade
*1. Epipactis helleborine	Helleborine
16. Malaxis	Adder's-mouth
2. Malaxis unifolia	Green Adder's-mouth
18. Spiranthes	Ladies'-tresses
1. <i>Spiranthes lacera</i>	Slender Ladies'-tresses
4. <i>Spiranthes romanzoffiana</i>	Hooded Ladies'-tresses
5. Spiranthes cernua	Nodding Ladies'-tresses

DICOTYLEDONEAE (see *Field Manual Michigan Flora, 2012, refer to Voss, Volume 2*)

41. SALICAEAE

1. **Salix**
 1. *Salix exigua*
 3. *Salix eriocephala*
 5. *Salix pedicellaris*
 7. *Salix pellita*
 9. *Salix candida*
 - 10. Salix bebbiana**
 13. *Salix humilis*
 - 21. Salix pyrifolia**
 24. *Salix petiolaris*
2. **Populus**
 3. *Populus balsamifera*
 6. *Populus tremuloides*
 7. *Populus grandidentata*

WILLOW FAMILY

Willow
 Sandbar Willow
 Diamond Willow
 Bog Willow
 Satiny Willow
 Sage Willow
Beaked or Bebb's Willow
 Prairie Willow
Balsam Willow
 Slender Willow
 Poplar
 Balsam poplar; Hackmatack
 Quaking Aspen
 Largetooth Aspen

42. MYRICACAE

1. **Comptonia**
 1. *Comptonia peregrina*
2. **Myrica**
 1. *Myrica gale*

BAYBERRY FAMILY

Sweetfern
 Bayberry; Wax-myrtle
 Sweet Gale

45. BETULACEAE (formerly Corylaceae)

1. *Alnus*

- 2. *Alnus incana*
Synonym: *Alnus rugosa*

2. *Betula*

- 2. *Betula pumila*
Betula x sandbergii
- 4. *Betula papyrifera*

3. *Corylus*

- 2. *Corylus cornuta*

5. *Ostrya*

- 1. *Ostrya virginiana*

BIRCH FAMILY

- Alder
- Speckled Alder; Tag Alder
- Birch
- Bog or Dwarf Birch
- Hybrid Birch
- Paper, White, or Canoe Birch
- Hazel
- Beaked Hazelnut
- Hazel
- Ironwood, Hop-hornbeam

46. FAGACEAE

1. *Quercus*

- 3. *Quercus rubra*
- 7. *Quercus macrocarpa*

2. *Fagus*

- 1. *Fagus grandifolia*

BEECH FAMILY

- Oak
- Red Oak
- Bur Oak
- Beech
- American Beech

47. ULMACEAE

1. *Ulmus*

- 3. *Ulmus americana*

ELM FAMILY

- Elm
- American or White Elm

49. CANNABACEAE

2. *Humulus*

- 2. *Humulus lupulus*

HEMP FAMILY

- Common Hops

54. POLYGONACEAE

2. *Rumex*

- 1. *Rumex acetosella*
- 11. *Rumex orbiculatus*

3. *Fallopia*

- 1. *Fallopia cilinoidis*

4. *Persicaria*

- 1. *Persicaria amphibia*
Synonym: *Polygonum amphibium*
 - a) P.a. var. *stipulacea*
 - b) P.a. var. *emersa*
- 18. *Persicaria lapathifolia*
Synonym: *Polygonum lapathifolium*
- 20. *Persicaria orientalis*
Synonym: *Polygonum orientale*
- 23. *Persicaria hydropiperoides*
Synonym: *Polygonum hydropiperoides*

SMARTWEED FAMILY

- Dock
- Sheep or Red Sorrel
- Great Water Dock
- Fringed False Buckwheat
- Water Smartweed
- Willow-weed, Nodding Smartweed
- Prince's Feather;
- Kiss-me-over-the-garden-gate
- Mild Water-pepper

55. CHENOPODIACEAE

9. Chenopodium

9. *Chenopodium capitatum*

60. PORTULACACEAE

2. Claytonia

2. *Claytonia caroliniana*

61. CARYOPHYLLACEAE

6. Stellaria

5. *Stellaria longifolia*

7. Cerastium

6. *Cerastium fontanum*

Synonym: *Cerastium vulgare*

13. Dianthus

4. *Dianthus deltoides*

17. Silene

- *4. *Silene vulgaris*

Synonym: *Silene cucubalus*

- *11. *Silene latifolia*

Synonym: *S. pratensis*, *Lynchis alba*

62. CERATOPHYLLACEAE

1. Ceratophyllum

1. *Ceratophyllum demersum*

63. NYMPHAEACEAE

2. Brasenia

1. *Brasenia schreberi*

4. Nymphaea

2. *Nymphaea odorata*

5. Nuphar

2. *Nuphar variegata*

64. RANUNCULACEAE

1. Clematis

1. *Clematis occidentalis*

2. *Clematis virginiana*

2. Aquilegia

1. *Aquilegia canadensis*

5. Thalictrum

4. *Thalictrum dasycarpum*

7. Actaea

1. *Actaea rubra*

2. *Actaea pachyppoda*

GOOSEFOOT FAMILY

Goosefoot

Strawberry Blite

PURSLANE FAMILY

Spring-beauty

Carolina Spring-beauty

PINK FAMILY

Chickweed; Stitchwort

Long-leaved Chickweed

Chickweed

Mouse-ear Chickweed

Pink

Maiden Pink

Bladder Campion

White Campion

HORNWORT FAMILY

Coontail

Coontail

WATER-LILY FAMILY

Water-shield

Water-lily

White Water-lily

Pond-lily; Cow-lily; Spatterdock

BUTTERCUP FAMILY

Virgin's Bower; Clematis; Woodbine

Purple Clematis

Virgin's Bower

Columbine

Wild Columbine

Meadow-rue

Purple Meadow-rue

Baneberry

Red Baneberry

White Baneberry

8. Coptis

- 1. Coptis trifolia
Synonym: Coptis groenlandica

9. Anemone

- 2. Anemone americana
Synonym: Hepatica americana

11. Ranunculus

- 11. Ranunculus abortivus
- *15. Ranunculus acris

Goldthread

Hepatica

Buttercup; Crowfoot
Small-flowered Buttercup
Tall or Common Buttercup

71. PAPAVERACEAE

1. Dicentra

- 2. Dicentra cucullaria
- 3. Dicentra canadensis

POPPY FAMILY

Dutchman's-breeches
Squirrel-corn

73. BRASSICACEAE (formerly Cruciferae)

3. Barbarea

- 1. Barbarea vulgaris

8. Rorippa

- 3. Rorippa palustris
Synonym: Rorippa islandica

14. Erysimum

- 2. Erysimum cheiranthoides

20. Capsella

- *1. Capsella bursa-pastoris

21. Turritis

- 6. Turritis glabra
Synonym: Arabis glabra

25. Berteroa

- 1. Berteroa incana

MUSTARD FAMILY

Winter Cress
Yellow Rocket
Yellow Cress
Yellow Cress

Wormseed Mustard

Shepherd's-purse

Tower Mustard

Hoary Alyssum

75. SARRACENIACEAE

1. Sarracenia

- 1. Sarracenia purpurea

PITCHER-PLANT FAMILY

Pitcher-plant

76. DROSERACEAE

1. Drosera

- 1. Drosera rotundifolia

3. Drosera intermedia

4. Drosera anglica

SUNDEW FAMILY

Sundew
Round-leaved Sundew
Spatulate-leaved Sundew
English Sundew

78. CRASSULACEAE

1. Hylotelephium

- *4. Hylotelephium telephium
Synonym: Sedum purpureum
Synonym: Sedum telephium

SEDUM, STONECROP FAMILY

Stonecrop; Sedum; Orpine
Live-forever

79. GROSSULARIACEAE

1. Ribes

1. Ribes cynosbati
2. Ribes hirtellum
9. Ribes glandulosum

9. Ribes triste

82. ROSACEAE

1. Rubus

3. Rubus acaulis

4. Rubus pubescens
6. Rubus strigosus
Synonym: Rubus idaeus
8. Rubus hispidus
9. Rubus flagellaris

10. Rubus setosus

11. Rubus allegheniensis

2. Rosa

- *1. Rosa multiflora
9. Rosa palustris
13. Rosa acicularis
14. Rosa blanda

4. Sorbus

3. Sorbus americana

5. Prunus

1. Prunus serotina
2. Prunus virginiana
5. Prunus pumila
7. Prunus pensylvanica

6. Physocarpus

1. Physocarpus opulifolius

7. Spiraea

3. Spiraea tomentosa
4. Spiraea alba

8. Aronia

1. Aronia prunifolia
Synonym: Aronia melanocarpa

9. Amelanchier

4. Amelanchier interior

10. Crataegus

4. Crataegus douglasii

11. Malus

1. Malus pumila

17. Fragaria

1. Fragaria vesca

18. Potentilla

3. Potentilla anserina
8. Potentilla tridentata

GOOSEBERRY FAMILY

Currant; Gooseberry
Wild or Prickly Gooseberry
Swamp Gooseberry
Skunk Currant
Swamp Red Currant

ROSE FAMILY

Bramble; Raspberries; Dewberries; Blackberries
Dwarf Raspberry
Dwarf Raspberry
Wild Red Raspberry

Swamp Dewberry
Northern Dewberry
Bristly Blackberry
Common Blackberry

Multiflora or Japanese Rose
Swamp Rose
Wild Rose
Wild Rose
Mountain-ash
American Mountain-ash
Cherry; Plum
Wild Black Cherry
Choke Cherry
Sand Cherry
Pin or Fire Cherry

Ninebark
Spiraea
Hardhack; Steeplebush
Meadowsweet

Chokeberry

Serviceberry; Shadbush; Shadblow; Juneberry; Sugarplum
Inland Juneberry
Hawthorn, Thornapple
Black Hawthorn
Apple
Apple
Strawberry
Woodland Strawberry
Cinquefoil; Five-finger
Silverweed
Three-toothed Cinquefoil

- 9. *Potentilla norvegica*
- 10. *Potentilla simplex*
- *12. *Potentilla argentea*

19. Dasiphora

- 1. *Dasiphora fruticosa*
Synonym: *Potentilla fruticosa*

20. Comarum

- 2. *Comarum palustre*
Synonym: *Potentilla palustris*

21. Geum

- 7. *Geum macrophyllum*

Rough Cinquefoil
Common or Old-field Cinquefoil
Silvery Cinquefoil

Shrubby Cinquefoil

Marsh Cinquefoil

Large-leaved Avens

83. FABACEAE (formerly Leguminosae)

3. Melilotus

- *1. *Melilotus alba*
- *2. *Melilotus officinalis*

4. Trifolium

- 3. *Trifolium pratense*
- *6. *Trifolium repens*
- 8. *Trifolium agrarium*
(see *T. aureum*)

5. Medicago

- 2. *Medicago lupulina*

25. Lathyrus

4. Lathyrus palustris

26. Vicia

- 8. *Vicia villosa*

29. Lotus

- *1. *Lotus corniculata*

85. OXALIDACEAE

1. Oxalis

- 3. *Oxalis fontana*

86. GERANIACEAE

2. Geranium

- 3. *Geranium robertianum*

91. POLYGALACEAE

1. Polygala

- 1. *Polygala paucifolia*

92. EUPHORBIACEAE

4. Euphorbia

- *18. *Euphorbia virgata*
Synonym: *Euphorbia esula*

97. ANACARDIACEAE

1. Toxicodendron

PEA FAMILY

Sweet-clover
White Sweet-clover
Yellow Sweet-clover
Clover
Red Clover
White Clover
Hop Clover

Black Medick

Marsh Pea

Vetch
Hairy Vetch

Bird's Foot Trefoil

OXALIS or WOOD-SORREL FAMILY

Mountain wood-sorrel

GERANIUM FAMILY

Wild Geranium; Crane's-bill
Herb Robert

MILKWORT FAMILY

Milkwort; Polygala
Fringed Polygala; Gay-wings; Flowering-wintergreen

SPURGE FAMILY

Leafy Spurge

CASHEW FAMILY

2. Toxicodendron radicans

Poison-ivy

99. AQUIFOLIACEAE

HOLLY FAMILY

1. Nemopanthus

1. Ilex mucronata

Synonym: Nemopanthus mucronata **Mountain Holly**

2. Ilex

Holly

1. Ilex verticillata

Michigan Holly; Winterberry; Black Alder

100. CELASTRACEAE

BITTERSWEET FAMILY

2. Euonymus

2. Euonymus alatus

Winged Euonymus

102. SAPINDACEAE (formerly Aceraceae)

MAPLE FAMILY

1. Acer

Maple

3. Acer saccharum

Sugar Maple or Hard Maple

5. Acer rubrum

Red Maple

105. BALSAMINACEAE

TOUCH-ME-NOT FAMILY

1. Impatiens

4. Impatiens capensis

Spotted Touch-me-not

106. RHAMNACEAE

BUCKTHORN FAMILY

2. Rhamnus

Buckthorn

2. Rhamnus alnifolia

Alder-leaved Buckthorn

3. Frangula

*1. Frangula alnus

Glossy Buckthorn

Synonym: Rhamnus frangula

107. VITACEAE

GRAPE FAMILY

3. Parthenocissus

Virginia Creeper; Woodbine

2. Parthenocissus inserta Please note: misidentified sp. of *Clematis*, Sept. 2017.

108. TILIACEAE

LINDEN FAMILY

1. Tilia

1. Tilia americana

Basswood; Linden

109. MALVACEAE

MALLOW FAMILY

3. Malva

Mallow

*2. Malva moschata

Musk Mallow

111. HYPERICACEAE (formerly Clusiaceae)

ST. JOHN'S-WORT FAMILY

1. Triadenum

1. Triadenum fraseri

Bog St. John's-wort

2. Hypericum

St. John's-wort

2. Hypericum kalmianum

Kalm St. Johns-wort

*6. Hypericum perforatum

Common St. John's-wort;

Klamath Weed; Goatweed

7. Hypericum ellipticum

Pale St. John's-wort

- 10. *Hypericum boreale*
- 11. *Hypericum canadense*
- 12. *Hypericum majus*

Northern St. John's-wort
Canadian St. John's-wort
Larger Canada St. John's-wort

114. CISTACEAE

- 2. **Crocanthemum** (formerly *Helianthemum*)
 - 2. *Crocanthemum canadense*

ROCKROSE FAMILY

Rockrose; Frostweed
Common Frostweed

115. VIOLACEAE

- 2. **Viola**
 - 3. *Viola canadensis*
 - 7. *Viola labradorica*
Synonym: *Viola conspersa*
 - 9. *Viola lanceolata*
 - 11. *Viola macloskeyi*
Synonym: *Viola pallens*
 - 22. *Viola nephrophylla*

VIOLET FAMILY

Violet
Canada Violet
Dog Violet

Lance-leaved Violet
Smooth White Violet

Northern Bog Violet

119. THYMELAEACEAE

- 1. **Dirca**
 - 1. *Dirca palustris*

MEZEREUM FAMILY

Leatherwood

120. ELAEAGNACEAE

- 1. **Elaeagnus**
 - *1. *Elaeagnus angustifolia*
 - *2. *Elaeagnus umbellata*

OLEASTER FAMILY

Russian Olive
Autumn Olive

121. LYTHRACEAE

- 4. **Lythrum**
 - *1. *Lythrum salicaria*

LOOSESTRIFE FAMILY

Loosestrife
Purple Loosestrife

125. ONAGRACEAE

- 1. **Circaea**
 - 1. *Circaea alpine*
 - 2. *Circaea canadensis*
Synonym: *Circaeae lutetiana*
- 2. **Ludwigia**
 - 1. *Ludwigia palustris*
- 3. **Epilobium**
 - 1. *Epilobium angustifolium*
 - 6. ***Epilobium leptophyllum***
 - 7. *Epilobium ciliatum*
- 6. **Oenothera**
 - 1. *Oenothera perennis*
 - 3. *Oenothera fruticosa*
Synonym: *O. linearis*
 - 9. *Oenothera parvifolia*
 - 12. *Oenothera biennis*

EVENING-PRIMROSE FAMILY

Enchanter's-nightshade
Small Enchanter's-Nightshade
Enchanter's-Nightshade

False Loosestrife
Water-purslane
Willow-herb
Fireweed; Great Willow-herb
Fen Willow-herb
Willow-herb
Evening-primrose; Sundrops
Small Sundrops
Evening-primrose; Sundrops
(see *Gray's Manual*, p. 1066)
Small-flowered Evening-primrose
Common Evening-primrose

126. HALORAGACEAE

- 1. Proserpinaca**
- 2. Proserpinaca palustris**
- 2. Myriophyllum**
 - 2. Myriophyllum tenellum**
 - 2. Myriophyllum farwellii**
 - 5. Myriophyllum verticillatum
 - 6. Myriophyllum sibiricum
 - Synonym: Myriophyllum exalbescent

WATER-MILFOIL FAMILY

- Mermaid-weed**
- Water-milfoil
- Dwarf Water-milfoil**
- Farwell's Water-milfoil**
- Whorled Water-milfoil
- Northern Water-milfoil

128. ARALIACEAE

- 2. Panax**
 - 2. Panax trifolius
- 3. Aralia**
 - 2. Aralia nudicaulis
 - 3. Aralia hispida

GINSENG FAMILY

- Ginseng**
- Dwarf Ginseng
- Wild Sarsaparilla
- Bristly Sarsaparilla

129. APIACEAE (formerly Umbelliferae)

- 6. Daucus**
 - *1. Daucus carota
- 9. Osmorhiza**
 - 3. Osmorhiza longistylis
 - 4. Osmorhiza claytonii
- 12. Pastinaca**
 - *1. Pastinaca sativa**
- 33. Cicuta**
 - 1. Cicuta bulbifera

CARROT OR PARSLEY FAMILY

- Wild Carrot; Queen-Anne's-lace
- Sweet-cicely
- Sweet-cicely
- Wild parsnip**

130. CORNACEAE

- 1. Cornus**
 - 1. Cornus canadensis
 - 2. Cornus alternifolia
 - 5. Cornus rugosa
 - 6. Cornus sericea
 - Synonym: Cornus stolonifera

DOGWOOD FAMILY

- Dogwood
- Bunchberry; Dwarf Cornel
- Alternate-leaved Dogwood; Pagoda Dogwood
- Round-leaved Dogwood
- Red-osier Dogwood

DICOTYLEDONEAE (was Michigan Flora, Part 3 – now Field Manual Michigan Flora, 2012)

133. ERICACEAE (formerly in Pyrolaceae)

- 1. Pyrola**
 - 2. Pyrola elliptica
 - 4. Pyrola americana**
 - Synonym: Pyrola rotundifolia**
 - 5. Pyrola asarifolia
- 2. Monotropa**
 - 2. Monotropa uniflora

HEATH FAMILY

- Shinleaf; Pyrola
- Large-leaved Shinleaf
- Round-leaved Pyrola**
- Pink Shinleaf, Pink Pyrola
- Indian-pipe

4. Orthilia

1. *Orthilia secunda*

One-sided Shinleaf

2. Kalmia

1. *Kalmia polifolia*

Pale or Bog Laurel

3. Andromeda

1. *Andromeda polifolia*
Synonym: *glaucophylla*

Bog-rosemary

4. Rhododendron

1. *Rhododendron groenlandicum*
Synonym: *Ledum groenlandicum*

Labrador-tea

5. Chamaedaphne

1. *Chamaedaphne calyculata*

Leatherleaf

6. Gaylussacia

1. *Gaylussacia baccata*

Huckleberry; Crackleberry

7. Vaccinium

2. *Vaccinium oxycoccos*
3. *Vaccinium macrocarpon*
9. *Vaccinium myrtilloides*
11. *Vaccinium angustifolium*

Blueberries and Cranberries

Small Cranberry

Large Cranberry

Velvetleaf or Canada Blueberry

Low Sweet Blueberry

8. Epigaea

1. *Epigaea repens*

Trailing-arbutus

9. Gaultheria

1. *Gaultheria hispidula*
2. *Gaultheria procumbens*

Creeping Snowberry

Teaberry; Wintergreen

10. Arctostaphylos

1. *Arctostaphylos uva-ursi*

Bearberry; Kinnikinnick

135. PRIMULACEAE

5. Lysimachia

5. *Lysimachia terrestris*
6. *Lysimachia thyrsoflora*

PRIMROSE FAMILY

Loosestrife

Swamp-candles

Tufted Loosestrife

6. Trientalis

1. *Trientalis borealis*

Star-flower

141. OLEACEAE

1. Fraxinus

2. *Fraxinus nigra*
3. *Fraxinus americana*
5. *Fraxinus pennsylvanica*

OLIVE FAMILY

Ash

Black Ash

White Ash

Red or Green Ash

143. GENTIANACEAE

6. Gentianaceae

1. *Gentianopsis crinita*

Fringed Gentian

8. Gentiana

6. *Gentiana rubricaulis*

Red Stemmed Gentian

144. APOCYNACEAE

2. Apocynum

DOGBANE FAMILY

Dogbane

1. Apocynum androsaemifolium
2. Apocynum cannabinum

Spreading Dogbane
Indian-hemp

MENYANTHACEAE

1. Menyanthes

1. Menyanthes trifoliata

BUCKBEAN FAMILY

Buckbean; Bogbean

145. ASCLEPIADACEAE

2. Asclepias

7. Asclepias incarnata
11. Asclepias syriaca

MILKWEED FAMILY

Milkweed
Swamp Milkweed
Common Milkweed

146. CONVULVULACEAE

2. Convolvulus

1. Convolvulus arvensis

MORNING-GLORY FAMILY

Field Bindweed

150. VERBENACEAE

3. Verbena

7. Verbena hastata

VERVAIN FAMILY

Vervain
Blue Vervain

151. LAMIACEAE (formerly Labiatae)

3. Lycopus

1. Lycopus uniflorus
6. Lycopus americanus

6. Mentha

1. Mentha canadensis
- Synonym: Mentha arvensis

9. Scutellaria

5. Scutellaria galericulata
- Synonym: Scutellaria epilobiifolia)

10. Monarda

3. Monarda fistulosa

17. Prunella

- *1. Prunella vulgaris

18. Clinopodium

1. Clinopodium vulgare

20. Stachys

3. Stachys palustris

22. Nepeta

- *1. Nepeta cataria

26. Galeopsis

- *1. Galeopsis tetrahit

MINT FAMILY

Bugleweed; Water-horehound
Northern bugleweed
Common Water Horehound
Mint
Wild Mint

Skullcap
Marsh Skullcap

Wild Bergamot

Self-heal; Heal-all

Wild-basil
Hedge-nettle

Catnip; Catmint

Hemp-nettle

152. SOLANACEAE

5. Solanum

- *2. Solanum carolinense
- *3. Solanum dulcamara

NIGHTSHADE FAMILY

Horse-nettle
Nightshade; Bittersweet

153. SCROPHULARIACEAE

1. **Verbascum**

*5. *Verbascum thapsus*

5. **Linaria**

*4. *Linaria vulgaris*

7. **Castilleja**

2. *Castilleja coccinea*

17. **Chelone**

2. *Chelone glabra*

19. **Veronica**

5. *Veronica scutellata*

27. **Gerardia** (*see* *Agalinis*)

2. *Agalinis tenuifolia*

28. **Mimulus**

2. *Mimulus ringens*

157. LENTIBULARIACEAE

2. **Utricularia**

3. *Utricularia cornuta*

6. *Utricularia intermedia*

8. *Utricularia gibba*

9. *Utricularia geminiscapa*

10. *Utricularia vulgaris*

160. PLANTAGINACEAE

2. **Plantago**

*5. *Plantago lanceolata*

*9. *Plantago major*

161. RUBIACEAE

3. **Galium**

3. *Galium triflorum*

6. *Galium boreale*

14. *Galium asprellum*

16. *Galium labradoricum*

18. *Galium trifidum*

20. *Galium tinctorium*

4. **Mitchella**

1. *Mitchella repens*

162. CAPRIFOLIACEAE

2. **Symphoricarpos**

3. *Symphoricarpos albus*

3. **Lonicera**

5. *Lonicera dioica*

7. *Lonicera villosa*

*12. *Lonicera tatarica*

4. **Sambucus**

SNAPDRAGON FAMILY

Mullien

Mullien; Flannel Plant

Toadflax

Butter-and-eggs

Indian Paintbrush

Scarlet Painted Cup

Turtlehead

Turtlehead

Speedwell; Brooklime

Marsh Speedwell

Gerardia

Common agalinis

Monkey-flower

Monkey-flower

BLADDERWORT FAMILY

Bladderwort

Horned Bladderwort

Flat-leaved Bladderwort

Creeping Bladderwort

Twin-stemmed Bladderwort

Common Bladderwort

PLANTAIN FAMILY

Plantain

Ribgrass; Buckhorn; Narrow-leaved or English Plantain

Common Plantain

MADDER FAMILY

Bedstraw

Sweet-scented Bedstraw

Northern Bedstraw

Rough Bedstraw

Labrador Bedstraw

Northern Three-lobed Bedstraw

Stiff Bedstraw

Partridge-berry

HONEYSUCKLE FAMILY

Snowberry

Snowberry

Honeysuckle

Glaucous Honeysuckle

Mountain Fly Honesuckle

Tartarian Honeysuckle

Elderberry

1. Sambucus canadensis
2. Sambucus racemosa

5. Viburnum

1. Viburnum trilobum
Synonym: Viburnum opulus
6. Viburnum dentatum
8. Viburnum cassinoides
10. Viburnum lentago

6. Linnaea

1. Linnaea borealis

7. Diervilla

1. Diervilla lonicera

Common Elder
Red-berried Elder; Red Elderberry
Viburnum; Arrow-wood
Highbush-cranberry; Guelder-rose

Arrow-wood
Wild-raisin
Nannyberry

Twinflower

Bush-honeysuckle

166. CUCURBITACEAE

4. Echinocystis

1. Echinocystis lobata

GOURD FAMILY

Wild Cucumber

167. CAMPANULACEAE

1. Lobelia

3. Lobelia kalmii

2. Campanula

3. Campanula aparinoides
Synonym: Campanula uliginosa
5. Campanula rotundifolia

BELLFLOWER FAMILY

Lobelia
Kalm's or Brook Lobelia
Bellflower
Marsh Bellflower

Bluebell or Harebell

168. ASTERACEAE (formerly Compositae)

ASTER OR DAISY FAMILY

Group A

8. Tragopogon

2. Tragopogon dubius
(T. major included in above)
3. Tragopogon pratensis

11. Hieracium

- *3. Hieracium aurantiacum
4. Hieracium piloselloides
6. Hieracium venosum

13. Sonchus

- *1. Sonchus arvensis

16. Lactuca

6. Lactuca serriola

Goat's-beard

Hawkweed
Orange Hawkweed; Devil's-paintbrush
King Devil; Yellow Hawkweed
Rattlesnake-weed; Veined Hawkweed
Sow-thistle
Field or Perennial Sow-thistle

Prickly Lettuce

Group B

20. Bidens

1. Bidens cernua
2. Bidens beckii
Synonym: Megladonta beckii

Beggar-ticks
Nodding Beggar-ticks
Water-marigold

- | | |
|-------------------------------------|-----------------------|
| 26. Leucanthemum | Chrysanthemum |
| *1. Leucanthemum vulgare | Ox-eye Daisy |
| Synonym: Chrysanthemum leucanthemum | |
| 27. Achillea | Yarrow |
| 3. Achillea millefolium | Yarrow; Milfoil |
| Synonym: Achillea lanulosa | |
| 28. Tanacetum | Tansy |
| 2. Tanacetum bipinnatum | Lake Huron Tansy |
| Synonym: Tanacetum huronense | |
| 35. Bellis | |
| *1. Bellis perennis | English Daisy |
| 42. Helianthus | |
| 7. Helianthus maximiliani | Maximilian Sunflower |
| 50. Rudbeckia | Coneflower; Rudbeckia |
| 5. Rudbeckia hirta | Black-eyed Susan |

Group C

- | | |
|---|---|
| 55. Eupatorium | |
| 1. Eutrochium maculatum | Joe Pye Weed |
| (synonym: Eupatorium maculatum) | |
| 4. Eupatorium perfoliatum | Boneset |
| 56. Packera | |
| 9. Packera pauperculus | Northern Ragwort |
| Synonym: Senecio pauperculus and Senecio plattensis | |
| 58. Euthamia | |
| 1. Euthamia graminifolia | Flat-topped, Bushy, or Grass-leaved Goldenrod |
| Synonym: Solidago graminifolia | |
| 59. Solidago | Goldenrod |
| 9. Solidago gigantea | Late Goldenrod |
| 10. Solidago canadensis | Canada Goldenrod |
| 11. Solidago altissima | Tall Goldenrod |
| 13. Solidago rugosa | Rough-leaved Goldenrod |
| 19. Solidago hispida | Hairy Goldenrod |
| 20. Solidago uliginosa | Bog Goldenrod |
| 65. Erigeron | Fleabane |
| 7. Erigeron strigosus | Daisy Fleabane |
| 66. Eurybia | Aster |
| 2. Eurybia macrophylla | Large- or Big-leaved Aster |
| Synonym: Aster macrophyllus | |
| 67. Aster | |
| 18. Oclemea nemoralis | Bog Aster |
| Synonym: Aster nemoralis | |
| 68. Symphyotrichum (formerly Aster) | |
| 9. Symphyotrichum laeve | Smooth Aster |
| Synonym: Aster laevis | |
| 10. Symphyotrichum puniceum | Swamp Aster |
| Synonym: Aster puniceus | |
| 12. Symphyotrichum novae-angliae | New England Aster |

- Synonym: *Aster novae-angliae* 19.
21. *Symphyotrichum pilosum*
 Synonym: *Aster pilosus* Frost Aster
27. *Symphyotrichum boreale*
 Synonym: *Aster borealis* Rush Aster
28. *Symphyotrichum lanceolatum*
 Synonym: *Aster lanceolatus* Panicked Aster
- 69. Doellingeria**
 1. *Doellingeria umbellata*
 Synonym: *Aster umbellatus* Flat-topped Aster
- 70. Arctium**
 2. *Arctium minus* Burdock
- 71. Centaurea**
 *2. *Centaurea stoebe* Common Burdock
 Synonym: *Centaurea maculosa*, *Centaurea biebersteinii* Star-thistle; Knapweed
 3. *Centaurea diffusa* Spotted Knapweed
 White-flower or Tumble Knapweed
- 72. Carduus**
 1. *Carduus nutans* Plumeless Thistle
 Nodding or Musk Thistle
- 73. Cirsium**
 1. *Cirsium palustre* Thistle
 Marsh or European Swamp Thistle
 *2. *Cirsium vulgare* Bull Thistle
 4. *Cirsium muticum* Swamp Thistle
 *5. *Cirsium arvense* Canada or Field Thistle
- 75. Anaphalis**
 1. *Anaphalis margaritacea* Pearly Everlasting
- 76. Pseudognaphalium** (formerly in part *Gnaphalium*) Cudweed
 4. *Pseudognaphalium macounii* Clammy Cudweed
 Synonym: *Gnaphalium macounii*
- 80. Conyza**
 1. *Conyza canadensis* Horseweed

XYRIDACEAE

1. ***Xyris montana***