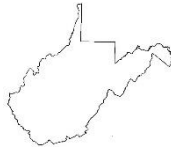


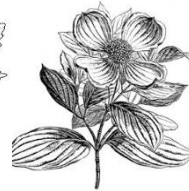
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An Annotated Checklist of the Vascular Flora of Pocahontas County, West Virginia

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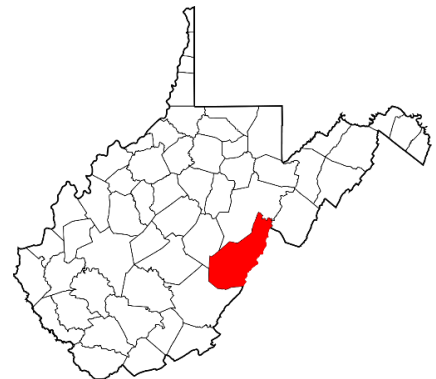
Abstract

The checklist is the result of 18 years of recent casual explorations in the landscape of Pocahontas County, West Virginia. The vascular flora of the county is increased by 7% above the number catalogued in the [Checklist and Atlas of the Vascular Flora of West Virginia](#). A total of 1323 taxa are reported, with all names reflecting the most recent updates in nomenclature and taxonomic understanding. Synonymy is provided.

Keywords: West Virginia, Pocahontas County, flora, checklist

Introduction

Pocahontas County, West Virginia (WV), is the third largest county in the state at 942 mi² (602,600 acres). The elevation ranges from 4842' on Bald Knob on Back Allegheny Mountain to 1952' where the Greenbrier River leaves the county in the southern end. The mean altitude is 3219', making it the highest county in WV and the sixth highest county in the eastern United States (County Highpointers Association, www.cohp.org). The county includes the headwaters of eight river systems. The Greenbrier River, running lengthwise north to south, roughly divides the county into a western portion consisting of the Eastern Allegheny Plateau and a larger eastern portion consisting of the Valley and Ridge physiographic province, although the crest of the Allegheny Front and Back Allegheny Mountain is often considered to be the boundary between the two provinces. Topography is complicated, and often rugged; drainage varies from dendritic-type in the western half to trellis-type in the eastern half. The broad range of elevation and the physiographic differences result in an equally wide range of macroclimates. The annual precipitation averages 45", with the western



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portion and slopes there being colder and wetter. The bedrock geology is entirely sedimentary and of Paleozoic origin, primarily consisting of conglomerates, sandstones, siltstones, and shales that produce acidic soils; but there are significant limestone, calcareous shale, and karst areas producing alkaline soils. Approximately one-third of the 919,000 acre Monongahela National Forest (MNF) lies in Pocahontas County.

The great differences in elevation, climate, geology, and physiography have produced a wide range of vegetation and ecosystem types. Major forest types in the county are Red Spruce, Northern Hardwoods, Mixed Mesophytic, mesic to xeric Mixed Hardwood, and Appalachian Oak (Clarkson 1966; Core 1966; Stephenson 2013). Bottomland forests are not widely present, most having been converted for agricultural purposes. Other community types of lesser and very limited extent are sphagnum glades, swamps, bogs, balds, heath barrens, springs, and aquatic systems. Successional plant communities of all ages are widely present. Several notable and significant botanical areas protected within the MNF are found in Pocahontas County, including Cranberry Glades Botanical Area, Gaudineer Scenic Area, and Blister Swamp. The early 20th century lumbering industry was responsible for widespread devastation of high elevation forests, such as those on Cheat Mountain in the region around the towns of Cass and Durbin in the northwestern part of the county (Clarkson 1964). Efforts to restore the red spruce ecosystem are currently underway.

Clarkson (1966) documented the flora of the entire MNF, however, his treatment did not indicate taxon presence in particular counties within the Forest. Strausbaugh and Core's *Flora of West Virginia* (1977) noted distributions of many taxa in specific counties. In the *Checklist and Atlas of the Vascular Flora of West Virginia* (WV Atlas), Harmon et al. (2006) produced dot maps showing the distribution of taxa within WV counties. There have been numerous distributional notes and taxonomic studies of individual taxa, members of which are found within the county; most of these were published in *Castanea* over the years. Relatively little floristic work has been performed specifically within Pocahontas County. Creek (1963) described the flora of Bald Knob. Grafton and Eye (1982) described the flora of WV wetlands, including in Pocahontas County. Baranski (2021) catalogued the flora of a small area, the 500 acre Yew Mountain Center. The Cranberry Glades have been the focus of several floristic and ecological studies (Strausbaugh 1934; Darlington 1942; Core 1955; Edens 1973 and 1977; Kokesh 1988). Some other studies include a report on Blister Swamp (Clarkson 1957) and a description of the vegetation of the upper Greenbrier River (Evans 1988).

Methodology

This flora checklist is the result of 18 years (2004-2021) of mostly casual botanizing in Pocahontas County. Much of it was accomplished while hiking and exploring the diverse landscape. The majority of outings occurred in the southern two-thirds of the county. Field notes of plant observations were frequently made and recorded in a logbook. Collections were often made for later study and preservation. At about the time the WV Atlas appeared, a more deliberate effort was made to document the presence of those taxa recorded in the atlas for Pocahontas County and to search for taxa that represented new records for the county. Identifications were made utilizing Bailey (1949), Fernald (1950), Preston (1976), Strausbaugh and Core (1977), Gleason and Cronquist (1991), Holmgren (1998), Bentley (2000), Lance (2004), Weakley et al. (2012), and Weakley (2015, 2020). Taxon occurrences with associated data were maintained in a master database organized by plant family.

With the WV Atlas established as the most comprehensive basis of the Pocahontas County flora, in 2020 a digital database was constructed utilizing county occurrences extracted from the WV Atlas. The names of all the taxa in this database were updated to conform to the latest nomenclature used in Weakley (2020). In many cases, new species and subspecific concepts resulted, changing the total number of taxa and occasionally making it difficult to determine taxon identity without resorting to a specimen search. Frequently, the new name did not correspond to the name used in Strausbaugh and Core (1977, S&C); the synonymous S&C name was preserved in brackets following the new name. Minor orthographic errors and subspecific nomenclatural differences were ignored for purposes of synonymy, particularly when varieties and subspecies could be assumed. If there was no corresponding name in S&C, a notation within the brackets indicated that no citation existed.

The checklist was completed by addition of the county records discovered during the explorations, organizing the taxa into a classification system, and including other information relevant to each taxon. If a new record for the county was not found in either S&C or the WV Atlas, a notation was given at the end of the taxon citation. A notation was also given when a taxon in the WV Atlas did not appear in Weakley (2020). Family circumscriptions have changed greatly in recent years due to modern molecular studies; therefore, the entire checklist reflects the latest concepts of families, and some clarifying information is provided. Common names are those preferred by the author and selected from the literature. Nativity, rarity, and collection status are noted. The symbols and

notations used to describe occurrences are given in the symbology section preceding the checklist below. Voucher specimens are deposited in the herbaria at CATU (Catawba College) and WVA (West Virginia University).

Results and Discussion

Clarkson (1966) found 1446 species and infraspecific taxa on the Monongahela National Forest. Harmon et al. (2006), in the WV Atlas, reported 1237 taxa (after conversion to Weakley 2020 names) in Pocahontas County. This study adds 86 occurrences not previously reported for Pocahontas County, bringing the total known vascular flora to 1323 taxa and making the total flora comparable to the MNF which covers multiple counties in WV. The total known flora thus is increased by 7%.

This checklist may also demonstrate the likelihood of encountering certain taxa in the field without deliberate effort to search for them. Through the course of approximately 18 years of hiking, exploring and casual botanizing, only 53% of the taxa reported in the WV Atlas for Pocahontas County were specifically observed. With the new additions reported in this checklist, 56% of the county flora has been observed in recent years. A systematic, more intense effort at flora documentation, such as the study on the 500-acre Yew Mountain Center (Baranski 2021), would yield a more complete picture of the overall flora.

Of the 1323 taxa in the checklist, 120 are tracked by the West Virginia Natural Heritage Program at the S1 (critically imperiled) and S2 (imperiled) levels (WVDNR 2020). These are noted in the checklist.

It is generally accepted that approximately 25% of the approximately 2500 vascular plant taxa in WV are historically non-native (Harmon 2006; WVDNR 2021). The flora of Pocahontas County, as demonstrated in this study, has a somewhat more natural flora than the state as a whole; the flora consists of 81% historically native and 19% non-native taxa (exotic, adventive, introduced).

This study presents the vascular flora of Pocahontas County, WV, using the most recent nomenclatural and taxonomic understandings available. The checklist provides synonymy and notes about taxonomic revisions that allow the reader to see the changes that have occurred in recent years.

Synopsis of the Flora

	<u>Families</u>	<u>Genera</u>	<u>Species and lower taxa</u>
Lycophytes (Clubmosses)	4	8	12
Pteridophytes (Horsetails)	1	1	3
Pteridophytes (Ferns)	16	32	56
Gymnosperms	3	8	17
Magnoliids and Primitive Angiosperms	5	10	11
Monocotyledonae (Monocots)	27	105	319
Eudicotyledonae (Eudicots)	<u>101</u>	<u>395</u>	<u>905</u>
	157	559	1323

Symbology and Abbreviations

H = Harmon et al. (2006)

W = Weakley (2020)

S&C = Strausbaugh and Core (1977)

[] = S&C name

• = reported in county in H and found during the explorations

● = new county record, not reported in H

No dot = taxon not encountered during the study period

○ = reported in an adjacent WV county in H

□ = reported in an adjacent VA county in Digital Atlas of Virginia (Virginia Botanical Associates 2020)

T = taxa tracked by WV Natural Heritage Program (2009) (S1 – critically imperiled, and S2 – imperiled)

+ = voucher collection made, all other • and ● are sight records

Nativity (according to H and W):

N = Native (historically occurring naturally in WV)

A = Adventive (native elsewhere in North America north of Mexico, arriving without known intentional introduction and now growing in WV)

I = Introduced (native elsewhere in North America north of Mexico, intentionally planted in WV, now escaped and naturalized)

E = Exotic (alien throughout North America north of Mexico)

^h = not confirmed as naturalized in H

^p = persistent or questionably naturalized

Nomenclature:

f. = form and filius

sp. = species, spp. = plural species

ssp. = subspecies

var. = variety, vars. = varieties

pro. sp. = (pro specie) a plant originally described as a distinct species but now considered a hybrid

Checklist of the Flora

LYCOPHYTES (CLUBMOSES)

Huperziaceae (Firmoss family)

- *Huperzia lucidula* (Michx.) Trevisan [*Lycopodium lucidulum* Michx.], Shining Firmoss. N

Isoetaceae (Quillwort family)

Isoetes engelmannii A. Braun, Engelmann's Quillwort. N

Lycopodiaceae (Clubmoss family)

- *Dendrolycopodium dendroideum* (Michx.) A. Haines [*Lycopodium obscurum* L. var. *dendroideum* (Michx.) D.C. Eat.], Tree Ground-pine. N

Dendrolycopodium hickeyi (W.H. Wagner, Beitel & R.C. Moran) A. Haines [not cited], Pennsylvania Ground-pine. N

Dendrolycopodium obscurum (L.) A. Haines [*Lycopodium obscurum* L. var. *obscurum*], Common Ground-pine. N

- *Diphasiastrum digitatum* (Dillenius ex A. Braun) Holub [*Lycopodium flabelliforme* (Fern.)Blanch.], Common Running-cedar. N

Diphasiastrum tristachyum (Pursh) Holub [*Lycopodium tristachyum* Pursh], Slender Running-cedar. N

Diphasiastrum xhabereri (House) Holub [*Lycopodium xhabereri* House], Running-cedar. N

Lycopodiella inundata (L.) Holub [*Lycopodium inundatum* L.], Northern Bog Clubmoss. N T

- *Lycopodium clavatum* L., Running Clubmoss. N

- *Spinulum annotinum* (L.) A. Haines [*Lycopodium annotinum* L.], Stiff Clubmoss. N

Selaginellaceae (Spikemoss family)

- *Lycopodioides apodum* (L.) Palisot de Beauv. [*Selaginella apoda* (L.) Fern.], Meadow Spikemoss. N

PTERIDOPHYTES (HORSETAILS)

Equisetaceae (Horsetail family)

- *Equisetum arvense* L., Common Horsetail. N, +

• *Equisetum praealtum* Raf. [*E. hyemale* L. var. *affine* (Engelm.) A.A. Eaton], Tall Scouring Rush. N

Equisetum sylvaticum L. [*E. sylvaticum* L. var. *multiramum* Wherry], Woodland Horsetail. N T

PTERIDOPHYTES (FERNS)

Aspleniaceae (Spleenwort family)

- *Asplenium montanum* Willd., Mountain Spleenwort. N, +

Asplenium pinnatifidum Nutt., Lobed Spleenwort. N

- *Asplenium platyneuron* (L.) BSP [*A. platyneuron* (L.) Oakes], Ebony Spleenwort. N

- *Asplenium rhizophyllum* L. [*Camptosorus rhizophyllum* (L.) Link], Walking Fern. N
- *Asplenium trichomanes* L. ssp. *trichomanes* [*A. trichomanes* L.], Maidenhair Spleenwort. N

Athyriaceae (Lady Fern family)

- *Athyrium angustum* (Willd.) C. Presl [*A. angustum* Presl], Northern Lady Fern. N
- *Athyrium asplenioides* (Michx.) A.A. Eaton, Southern Lady Fern. N
- *Deparia acrostichoides* (Swartz) M. Kato [*Athyrium thelypteroides* (Michx.) Desv.], Silvery Glade Fern. N

Blechnaceae (Deer Fern family)

Lorinseria areolata (L.) Presl, Netted Chain Fern. N T

Cystopteridaceae (Brittle Fern family)

- *Cystopteris bulbifera* (L.) Bernhadi, Bulblet Bladder Fern. N, +
- Cystopteris protrusa* (Weatherby) Blasdell [*C. protrusa* Blasdell], Lowland Bladder Fern. N
- *Cystopteris tenuis* (Michx.) Desv. [*C. fragilis* (L.) Bernhadi, misidentified], Fragile Fern. N, +
- Gymnocarpium appalachianum* Pryer & Haufler [not cited], Appalachian Oak Fern. N T
- Gymnocarpium dryopteris* (L.) Newman, Northern Oak Fern. N T

Dennstaedtiaceae (Bracken family)

- *Dennstaedtia punctilobula* (Michx.) T. Moore, Hay-scented Fern. N
- *Pteridium latiusculum* (Desvaux) Hieronymus [*Pteridium aquilinum* (L.) Kuhn var. *latiusculum* (Desv.) Underwood ex Heller], Eastern Bracken Fern. N
- Pteridium pseudocaudatum* (Clute) Christenhusz [*Pteridium aquilinum* (L.) Kuhn var. *pseudocaudatum* (Clute) Heller], Southern Bracken Fern. N

Diplaziopsidaceae (Glade Fern family)

- *Diplaziopsis pycnocarpa* (Sprengel) M.G. Price [*Athyrium pycnocarpon* (Sprengel) Tidestr.], Glade Fern. N

Dryopteridaceae (Wood Fern family)

- *Dryopteris campyloptera* (Kunze) Clarkson, Mountain Wood Fern. N
- *Dryopteris carthusiana* (Vill.) H.P. Fuchs [*D. spinulosa* (O.F. Muell.) Watt], Spinulose Wood Fern. N, +
- *Dryopteris celsa* (Wm. Palmer) Knowlt., Palmer & Pollard ex Small [*D. celsa* Small], Log Fern. N T
- *Dryopteris cristata* (L.) A. Gray, Crested Wood Fern. N, +
- *Dryopteris goldiana* (Hooker ex Goldie) A. Gray [*D. goldiana* (Hooker) A. Gray], Goldie's Wood Fern. N, +
- *Dryopteris intermedia* (Muhl. ex Willd.) A. Gray [*D. intermedia* A. Gray], Evergreen or Fancy Wood Fern. N
- *Dryopteris marginalis* (L.) A. Gray, Marginal Wood Fern. N
- Dryopteris xboottii* (Tuckerman) Underwood [not cited], Boott's Wood Fern. N
- Dryopteris xtriploidea* Wherry [*D. triploidea* Wherry], Shield Fern. N
- Dryopteris xuliginosa* (A. Braun ex Dowell) Druce [*D. uliginosa* Druce], Braun's Wood Fern. N
- *Polystichum acrostichoides* (Michx.) Schott, Christmas Fern. N

Hymenophyllaceae (Filmy Fern family)

Crepidomanes intricatum (Farrar) Ebihara & Weakley [*Trichomanes boschianum* Sturm (misapplied)]; Weft Fern, Grotto-felt. N T

Lygodiaceae Climbing Fern family)

Lygodium palmatum (Bernhadi) Swartz, American Climbing Fern. N T

Onocleaceae (Sensitive Fern family)

- *Onoclea sensibilis* L., Sensitive Fern. N
- *Matteucia struthiopteris* (L.) Todaro var. *pensylvanica* (Willd.) C.V. Murton [*M. pensylvanica* Raymond], Ostrich Fern. N T, o+

Ophioglossaceae (Adder's-tongue family)

Botrychium angustisegmentum (Pease and A.H. Moore) Fern. [*B. lanceolatum* (Gmel.) Angstr. var. *angustisegmentum* Pease & Moore], Lanceleaf Grapefern. N T

Botrychium matricariifolium (A. Braun ex Duwell) A. Braun ex W.D.J. Koch [*B. matricariifolium* A. Braun], Daisyleaf Grapefern. N T

• *Botrypus virginianus* (L.) Michx. [*Botrychium virginianum* (L.) Swartz], Rattlesnake Fern. N

Ophioglossum pusillum Raf. [*O. vulgatum* L. var. *pseudopodium* (Blake) Farw.], Northern Adder's-tongue. N T

• *Ophioglossum pycnostichum* (Fern.) A. & D. Löve [*O. vulgatum* L. var. *pycnostichum* Fern.], Southern Adder's-tongue. N

• *Sceptridium dissectum* (Sprengel) Lyon [*B. dissectum* Sprengel vars. *dissectum* and *obliquum* (Muhl.) Fern.], Cutleaf Grapefern. N

Sceptridium oneidense (Gilbert) Holub [*B. oneidense* (Gilbert) House], Bluntlobe Grapefern. N

Osmundaceae (Royal Fern family)

• *Claytosmunda claytoniana* (L.) Metzgar & Rouhan [*Osmunda claytoniana* L.], Interrupted Fern. N

Osmunda spectabilis Willd. [*O. regalis* L. var. *spectabilis* (Willd.) A. Gray], American Royal Fern. N

• *Osmundastrum cinnamomeum* (L.) C. Presl [*Osmunda cinnamomea* L.], Cinnamon Fern. N

Polypodiaceae (Polypody family)

Pleopeltis michauxiana (Weatherby) Hickey & Sprunt [*Polypodium polypodioides* (L.) Watt. var. *michauxianum* Weatherby], Resurrection Fern. N

Polypodium appalachianum Haufler & Windham [not cited], Appalachian Rockcap Fern. N

• *Polypodium virginianum* L., Common Rockcap Fern. N

Pteridaceae (Maidenhair Fern family)

• *Adiantum pedatum* L., Northern Maidenhair Fern. N

Myriopteris lanosa (Michx.) Grusz & Windham [*Cheilanthes lanosa* (Michx.) D.C. Eaton], Hairy Lipfern. N

Pellaea atropurpurea (L.) Link, Purple Cliffbrake. N

Vittaria appalachiana Farrar & Mickel [*V. lineata* (L.) Sm.], Appalachian Shoestring Fern. N T

Thelypteridaceae (Marsh Fern family)

• *Parathelypteris noveboracensis* (L.) Ching [*Thelypteris noveboracensis* (L.) Nieuwl.], New York Fern. N

Phegopteris connectilis (Michx.) Watt [*P. connectilis* Watt.], Northern Beech Fern. N

• *Phegopteris hexagonoptera* (Michx.) Fée [*P. hexagonoptera* Fée], Broad Beech Fern. N

Thelypteris palustris Schott var. *pubescens* (Lawson) Fern. [*T. palustris* Schott var. *pubescens* (Lawson) Nakai], Marsh Fern. N

Woodsiaceae (Woodsia family)

• *Woodsia appalachiana* T.M.C. Taylor [*W. scopulina* D.C. Eat.], Appalachian Cliff Fern. N T, □+,

• *Woodsia obtusa* (Sprengel) Torr. ssp. *obtusa* [*W. obtusa* (Sprengel) Torr.], Common Cliff Fern. N, +

GYMNOSPERMS

Cupressaceae (Cypress family)

• *Juniperus chinensis* L. [not cited], Chinese Juniper. IP, + (not cited in H and W)

• *Juniperus virginiana* L., Eastern Red Cedar. N

Thuja occidentalis L., American Arbor-vitae. N T

• *Thuja plicata* Donn ex D. Don. [not cited], Western Red Cedar. IP (not cited in H and W)

Pinaceae (Pine family)

• *Abies balsamea* (L.) P. Mill. [vars. *balsamea* and *phanerolepis* Fern.], Balsam Fir. N T, +

• *Abies fraseri* (Pursh) Poir., Fraser Fir. I^{hp}, +

• *Abies lasiocarpa* (Hooker) Nutt. [not cited], Subalpine Fir. IP, + (not cited in H and W)

• *Larix decidua* Mill., European Larch. E

• *Picea abies* (L.) Karst, Norway Spruce. E

• *Picea rubens* Sarg., Red Spruce. N•

• *Pinus resinosa* Aiton, Red Pine. I T

- *Pinus rigida* P. Mill., Pitch Pine. N
- *Pinus strobus* L., Eastern White Pine. N
- *Pinus sylvestris* L. var. *syvestris* [not cited], Scots Pine. E
- *Pinus virginiana* P. Mill., Virginia Pine. N
- *Tsuga canadensis* (L.) Carr., Eastern Hemlock. N T

Taxaceae (Yew family)

- *Taxus canadensis* Marsh., Canada Yew. N

MAGNOLIIDS and PRIMITIVE ANGIOSPERMS

Aristolochiaceae (Birthwort family)

- *Asarum canadense* L., Wild Ginger. N
- *Hexastylis virginica* (L.) Small [*Asarum virginicum* L.], Virginia Heartleaf. N
- *Isotrema macrophyllum* (Lamarck) C.F. Reed [*Aristolochia macrophylla* Lam.], Dutchman's Pipe. N, +

Cabombaceae (Water-shield family)

- *Brasenia schreberi* J.F. Gmel., Water-shield. A, □+

Lauraceae (Laurel family)

- *Lindera benzoin* (L.) Blume, Northern Spicebush. N
- *Sassafras albidum* (Nutt.) Nees, Sassafras. N

Magnoliaceae (Magnolia family)

- *Liriodendron tulipifera* L. var. *tulipifera* [*L. tulipifera* L.]; Yellow Poplar, Tulip-tree. N
- *Magnolia acuminata* (L.) L. var. *acuminata* [*M. acuminata* L.], Cucumber-tree. N
- *Magnolia fraseri* Walt., Fraser Magnolia. N

Nymphaeaceae (Waterlily family)

- *Nuphar advena* (Aiton) R. Brown ex W.T. Aiton [*N. advena* (Aiton) Aiton f.], Cowlily. N
- *Nymphaea odorata* W.T. Aiton ssp. *odorata* [*N. odorata* Aiton], White Waterlily. N

MONOCOTYLEDONAE (MONOCOTS)

Acoraceae (Calamus family)

- Acorus calamus* L., Sweet Flag. E

Agavaceae (Agave family)

- Camassia scilloides* (Raf.) Cory, Wild Hyacinth. N T

Alismataceae (Water-plantain family)

- Alisma subcordatum* Raf., Southern Water Plantain. N
- Sagittaria graminea* Michx., Grass-leaved Arrowhead. N
- Sagittaria latifolia* Willd. var. *latifolia* [*S. latifolia* Willd.], Duck Potato. N

Alliaceae (Onion family)

- Allium allegheniense* Small, Allegheny Wild Onion. N T
- Allium canadense* L. var. *canadense* [*A. canadense* L.], Wild Onion. N
- Allium cernuum* Roth, Nodding Onion. N
- *Allium tricoccum* Aiton, Red Ramps. N

Araceae (Arum family)

- *Arisaema quinatum* (Nutt.) Schott [*A. triphyllum* (L.) Schott], Southern Jack-in-the-pulpit. N

Arisaema stewardsonii Britton], Bog Jack-in-the-pulpit. N

• *Arisaema triphyllum* (L.) Schott, Common Jack-in-the-Pulpit. N

Lemna minor L., Common Duckweed. N

Lemna minuta Kunth [*L. minor* L.], Least Duckweed. N

Lemna valdiviana Phil., Pale Duckweed. N

• *Symplocarpus foetidus* (L.) Salisbury ex W.P.C. Barton [*S. foetidus* (L.) Nutt.], Skunk Cabbage. N, +

Asparagaceae (Asparagus family)

Asparagus officinalis L., Garden Asparagus. E

Chionographidaceae (Devil's-bit family)

Chamaelirium luteum (L.) A. Gray, Devil's-bit. N

Colchicaceae (Meadow Saffron family)

• *Uvularia grandiflora* J.F. Smith, Large-flowered Bellwort. N, +

• *Uvularia perfoliata* L., Perfoliate Bellwort. N

Uvularia puberula Michx. [*U. pudica* (Walt.) Fern.], Appalachian Bellwort. N

• *Uvularia sessilifolia* L., Sessile-leaved Bellwort. N

Commelinaceae (Spiderwort family)

Commelina communis L., Common Day-flower. E

Cyperaceae (Sedge family)

Carex aestivalis M.A. Curtis ex A. Gray [*C. aestivalis* M.A. Curtis], Summer Sedge. N

• *Carex albicans* Willd. ex Sprengel var. *albicans* [*C. artitecta* Mack.], White-tinged Sedge. N

• *Carex albursina* Sheldon, White Bear Sedge. N, +

• *Carex amphibola* Steud. var. *amphibola*, Eastern Narrow-leaf Sedge. N, □

Carex annectens (Bickn.) Bickn. [*C. annectens* Bickn.], Yellow-fruited Sedge. N

• *Carex appalachica* J. Webber & P.W. Ball [not cited], Appalachian Sedge. N, +

• *Carex arctata* Boott. ex Hook, Drooping Woodland Sedge. N, ○□+

Carex argyrantha Tuckerman, Silvery-flowered Sedge. N

• *Carex atlantica* Bailey [*C. incompta* Bickn.], Prickly Bog Sedge. N, +

• *Carex baileyi* Britt., Shortbeak Sedge. N, +

• *Carex blanda* Dewey, Eastern Woodland Sedge. N, +

Carex bromoides Willd. ssp. *bromoides* [*C. bromoides* Schkuhr], Common Brome Sedge. N

• *Carex brunnescens* (Pers.) Poir. ssp. *sphaerostachya* (Tuckerman) Kalela [*C. brunnescens* (Pers.) Poir.], Brown Sedge. N, +

• *Carex canescens* L. [*C. canescens* L. var. *canescens*], Silvery Sedge. N

Carex cephalophora Muhl. ex Willd. [*C. cephalophora* Muhl.], Oval-leafed Sedge. N

• *Carex communis* Bailey, Fibrous-rooted Sedge. N, +

Carex conjuncta Boott, Soft Fox Sedge. N

Carex conoidea Schkuhr ex Willd. [*C. conoidea* Schkuhr], Field Sedge. N T

Carex copulata (L.H. Bailey) Mackenzie (pro hyb.) [*C. laxiculmis* Schwein.], Spreading Sedge. N T

• *Carex crinita* Lam. var. *crinita* [*C. crinita* Lam.], Long-fringed Sedge. N, +

• *Carex debilis* Michx, White-edged Sedge. N, +

Carex digitalis Willd. var. *digitalis* [*C. digitalis* Willd.], Slender Woodland Sedge. N

• *Carex echinata* Murray ssp. *echinata* [*C. angustior* Mack.], Star Sedge. N

Carex flexuosa Muhl. ex Willd. [*C. flexuosa* Willd.], Flexuous White-edged Edge. N

• *Carex folliculata* L., Northern Long Sedge. N

Carex frankii Kunth, Frank's Sedge. N

• *Carex fraseriana* Ker-Gawler [*C. fraseri* Andr.], Fraser's Sedge. N T

Carex glaucoidea Tuckerman ex Olney [*C. glaucoidea* Tuckerman], Blue Sedge. N

• *Carex gracilescens* Steud., Slender Loose-flowered Sedge. N, +

• *Carex gracillima* Schwein., Graceful Sedge. N, +

- *Carex granularis* Muhl. ex Willd. [*C. granularis* Muhl.], Limestone Meadow Sedge. N, +
- Carex grisea* Wahl. [not cited], Inflated Narrow-leaved Sedge. N
- *Carex gynandra* Schwein., Nodding Sedge. N
- *Carex hirsutella* Mack., Fuzzy Sedge. N, +
- *Carex intumescens* Rudge var. *intumescens* [*C. intumescens* Rudge], Bladder Sedge. N, +
- Carex lacustris* Willd., Lakeshore Sedge. N T
- *Carex laevivaginata* (Kükenth.) Mack., Smooth-sheathed Sedge. N
- Carex lasiocarpa* Ehrh. var. *americana* Fern. [*C. lanuginosa* Michx.], Slender Sedge. N T
- *Carex laxiculmis* Schwein. var. *laxiculmis* [*C. laxiculmis* Schwein.], Spreading Sedge. N
- *Carex laxiflora* Lam., Broad Loose-flowered Sedge. N, +
- *Carex leptalea* Wahl. var. *leptalea* [*C. leptalea* Wahl.], Bristly-stalk Sedge. N
- *Carex leptonevia* (Fern.) Fern. [*C. leptonevia* Fern.], Nerveless Woodland Sedge. N, +
- *Carex lupulina* Muhl. ex Willd. [*C. lupulina* Muhl.], Hop Sedge. N, +
- *Carex lurida* Wahl., Sallow Sedge. N, +
- *Carex normalis* Mack., Greater Straw Sedge. N T, □
- Carex pellita* Muhl. [not cited], Woolly Sedge. N T
- *Carex pennsylvanica* Lam., Pennsylvania Sedge. N, +
- *Carex plantaginea* Lam., Searsucker Sedge. N, +
- *Carex platyphylla* Carey, Broadleaf Sedge. N, +
- *Carex prasina* Wahl., Drooping Sedge. N, +
- Carex projecta* Mack., Necklace Sedge. N T
- *Carex radiata* (Wahl.) Small [*C. radiata* (Wahl.) Dewey], Eastern Star Sedge. N, +
- Carex retroflexa* Muhl. ex Willd. [*C. retroflexa* Muhl.], Reflexed Sedge. N
- Carex rosea* Schkuhr ex Willd. [*C. rosea* Schkuhr, *C. convoluta* Mack.], Rosy Sedge. N
- *Carex scabrata* Schwein., Eastern Rough Sedge. N, +
- *Carex scoparia* Schkuhr ex Willd. [*C. scoparia* Schkuhr], Broom Sedge. N, +
- Carex sparganioides* Muhl. ex Willd. [*C. sparganioides* Muhl.], Burr-reed Sedge. N
- *Carex squarrosa* L., Squarrose Sedge. N, +
- *Carex stipata* Muhl. ex Willd. var. *stipata* [*C. stipata* Muhl.], Awl-fruited Sedge. N, +
- *Carex stricta* Lam., Tussock Sedge. N
- *Carex swanii* (Fern.) Mack., Swan's Sedge. N, +
- *Carex torta* Boott ex Tuckerman [*C. torta* Boott], Twisted Sedge. N
- *Carex tribuloides* Wahl., Blunt Broom Sedge. N
- Carex trichocarpa* Muhl. ex Willd. [*C. trichocarpa* Muhl.], Hairy-fruited Sedge. N T
- *Carex trisperma* Dewey var. *trisperma* [*C. trisperma* Dewey], Three-seeded Sedge. N
- Carex utriculata* Boott [*C. rostrata* Stokes (misapplied)], Beaked Sedge. N
- *Carex virescens* Muhl. ex Willd. [*C. virescens* Muhl.], Ribbed Sedge. N, +
- *Carex vulpinoidea* Michx., Fox Sedge. N, +
- Carex wildenowii* Schkuhr ex Willd. [*C. wildenowii* Schkuhr], Willdenow's Sedge. N
- Carex woodii* Dewey [not cited], Wood's Sedge. N
- Cyperus esculentus* L. var. *leptostachyus* Böeckl. [*C. esculentus* L.], Yellow Nutsedge. N
- Cyperus lupulinus* (Sprengel) Marcks var. *macilentus* (Fern.) A. Haines [*C. filiculmis* Vahl. var. *macilentus* Fern.], Great Plains Flat Sedge. N
- Cyperus strigosus* L., False Nutsedge. N
- *Dulichium arundinaceum* (L.) Britt. var. *arundinaceum* [*D. arundinaceum* (L.) Britt.], Three-way Sedge. N
- Eleocharis compressa* Sulliv. var. *compressa* [*E. compressa* Sulliv.], Flat-stemmed Spikerush. N T
- Eleocharis engelmannii* Steud. [*E. engelmannii* Steud.], Engelmann's Spikerush. N T
- Eleocharis obtusa* (Willd.) J.A. Schultes, Blunt Spikerush. N
- Eleocharis palustris* (L.) Roemer & J.A. Schultes, Common Spikerush. N T
- *Eleocharis tenuis* (Willd.) J.A. Schultes var. *tenuis* [*E. tenuis* (Willd.) Schultes], Slender Spikerush. N, +
- *Eriophorum virginicum* L., Tawny Cottongrass. N
- *Rhynchospora alba* (L.) Vahl., Northern White Beaksedge. N
- *Rhynchospora capitellata* (Michx.) Vahl., Brownish Beaksedge. N, +
- Schoenoplectus pungens* (Vahl) Palla var. *pungens* [*Scirpus americanus* Pers. (misapplied)], Three-square. N

- *Schoenoplectus tabernaemontani* (C.C. Gmel.) Palla [*Scirpus validus* Vahl. var. *creber* Fern.], Softstem Bulrush. N, +
- Scirpus atrocinctus* Fern., Blackish Bulrush. N T
- *Scirpus atrovirens* Willd. [*S. atrovirens* Muhl.], Black Bulrush. N, +
- *Scirpus cyperinus* (L.) Kunth, Woolgrass Bulrush. N
- *Scirpus expansus* Fern., Woodland Bulrush. N
- Scirpus hattorianus* Makino [not cited], Northern Bulrush. N
- Scirpus microcarpus* J. & C. Presl [*S. rubrotinctus* Fern.], Small-fruited Bulrush. N
- Scirpus pendulus* Muhl. [*S. lineatus* Michx. (misapplied)], Rufous Bulrush. N
- Scirpus polyphyllus* Vahl, Bulrush. N
- Trichophorum planifolium* (Sprengel) Palla [*Scirpus verecundus* Fern.], Bashful Bulrush. N T

Dioscoreaceae (Yam family)

- *Dioscorea villosa* L., Wild Yam. N, +

Hemerocallidaceae (Day-lily family)

- *Hemerocallis fulva* (L.) L. [*H. fulva* L.], Common Day-lily. E

Hydrocharitaceae (Frog's-bit family)

- Elodea canadensis* Michx., Common Waterweed. N
- *Vallisneria americana* Michx., Tapegrass. N

Hypoxidaceae (Stargrass family)

- *Hypoxis hirsuta* (L.) Coville, Yellow Stargrass. N

Iridaceae (Iris family)

- *Iris pseudacorus* L., Yellow Flag. E
- *Iris verna* L. var. *smalliana* [*I. verna* L.], Upland Dwarf Iris. N
- *Iris versicolor* L. [not cited], Northern Blue Flag. A
- Iris shrevei* Small [*I. virginica* L. var. *shrevei* (Small) E. Anders.], Virginia Blue Iris. N
- *Sisyrinchium angustifolium* P. Mill., Narrow-leaved Blue-eyed Grass. N, +
- *Sisyrinchium mucronatum* Michx., Needle-tip Blue-eyed Grass. N

Juncaceae (Rush family)

- *Juncus acuminatus* Michx., Sharp-fruited Rush. N, +
- *Juncus antheratus* (Wieg.) R.E. Brooks [*J. tenuis* Willd. var. *antheratus* Wieg.], Large Path Rush. N, +
- Juncus articulatus* L., Jointed Rush. N T
- Juncus brevicaudatus* (Engelm.) Fern., Narrow-panicled Rush. N
- Juncus bufonius* L., Toad Rush. N
- Juncus canadensis* J. Gay ex Laharpe [*J. canadensis* J. Gay], Canadian Rush. N
- *Juncus dichotomus* Ell., Forked Rush. N T, ○□+
- Juncus dudleyi* Wieg., Dudley's Rush. N
- *Juncus effusus* L. ssp. *solutus* (Fern. & Wieg.) Hämet-Ahti, Soft Rush. N, +
- Juncus marginatus* Rostk., Grass-leaved Rush. N
- Juncus secundus* Beauv. ex Poirer [*J. secundus* Beauv.], Lopsided Rush. N
- Juncus subcaudatus* (Engelm.) Coville & Blake, Woodland Rush. N
- *Juncus tenuis* Willd., Common Path Rush. N, +
- *Luzula acuminata* Raf. var. *acuminata* [*L. acuminata* Raf.], Hairy Woodrush. N
- *Luzula multiflora* (Ehrh.) Lej. var. *multiflora* [*L. multiflora* (Retz.) Lej.], Common Woodrush. N, +

Liliaceae (Lily family)

- *Clintonia borealis* (Aiton) Raf., Bluebead-lily. N
- *Clintonia umbellulata* (Michx.) Morong, Speckled Wood-lily. N
- *Erythronium americanum* Ker-Gawler ssp. *americanum* [*E. americanum* Ker], American Trout Lily. N, ○□+

- *Erythronium umbilicatum* Parks & Hardin ssp. *umbilicatum* [*E. umbilicatum* Parks & Hardin], Dimpled Trout Lily. N
- *Lilium canadense* L. [*L. canadense* L. var. *canadense*, *L. canadense* L. var. *editorum* Fern.], Canada Lily. N
- Lilium philadelphicum* L. var. *philadelphicum* [*L. philadelphicum* L.], Eastern Wood Lily. N T
- *Lilium superbum* L., Turks'-cap Lily. N
- *Medeola virginiana* L., Indian Cucumber-root. N
- *Prosartes lanuginosa* (Michx.) D. Don [*Disporum lanuginosum* (Michx.) Nichols.], Yellow Mandarin. N
- *Streptopus lanceolatus* (Aiton) Reveal var. *lanceolatus* [*S. roseus* Michx.], Twisted Stalk. N

Melanthiaceae (Bunchflower family)

- *Amianthium muscitoxicum* (Walt.) A. Gray [*A. muscaetoxicum* (Walt.) A. Gray], Fly Poison. N
- *Melanthium hybridum* Walt., Crisped Bunchflower. N
- *Melanthium parviflorum* (Michx.) S. Wats., Mountain Bunchflower. N
- Stenanthium gramineum* (Ker-Gawler) Morong var. *gramineum* [*S. gramineum* (Ker) Morong], Featherbells. N T
- *Veratrum viride* Aiton, White Hellebore. N

Orchidaceae (Orchid family)

- Aplectrum hyemale* (Muhl. ex Willd.) Torr. [*A. hyemale* (Muhl.) Torr.], Puttyroot. N
- *Calopogon tuberosus* (L.) BSP. var. *tuberosus* [*C. pulchellus* (Salisb.) R. Br.], Common Grass Pink. N T
 - Corallorhiza bentleyi* Freudenstein [not cited], Bentley's Coralroot. N T
 - *Corallorhiza maculata* (Raf.) Raf. var. *maculata* [*C. maculata* Raf.], Eastern Spotted Coralroot. N T
 - Corallorhiza maculata* (Raf.) Raf. var. *occidentalis* (Lindley) Ames [*C. maculata* Raf.], Western Spotted Coralroot. N
 - Corallorhiza odontorhiza* (Willd.) Poiret [*C. odontorhiza* (Willd.) Nutt.], Autumn Coralroot. N
 - *Corallorhiza trifida* Chatelain, Early Coralroot. N T
 - *Cypripedium acaule* Aiton, Pink Lady's-slipper. N
 - Cypripedium parviflorum* Salisb. var. *pubescens* (Willd.) Knight [*C. pubescens* Willd.], Large Yellow Lady's-slipper. N T
 - Dactylorhiza viridis* (L.) R.M. Bateman [*Habenaria viridis* (L.) R. Br.], Long-bracted Green Orchid. N
 - *Galearis spectabilis* (L.) Raf. [*Orchis spectabilis* L.], Showy Orchis. N
 - *Goodyera pubescens* (Willd.) R. Br., Downy Rattlesnake Orchid. N
 - Isotria verticillata* (Muhl. ex Willd.) Raf. [*I. verticillata* (Willd.) Raf.], Large Whorled Pogonia. N
 - *Liparis liliifolia* (L.) L.C. Rich ex Lindley [*L. liliifolia* (L.) Richard], Large Twayblade. N
 - *Liparis loeselii* (L.) L.C. Rich. [*L. loeselii* (L.) Richard], Fen Orchid. N T
 - Malaxis unifolia* Michx., Green Adder's-mouth. N
 - Neottia cordata* (L.) L.C. Richard [*Listera cordata* (L.) R. Br.], Heartleaf Twayblade. N
 - *Neottia smallii* (Wieg.) Salachetka [*Listera smallii* Wieg.], Appalachian Twayblade. N
 - Platanthera ciliaris* (L.) Lindl. [*Habenaria ciliaris* (L.) R. Br.], Yellow Fringed Orchid. N T
 - *Platanthera clavellata* (Michx.) Luer [*Habenaria clavellata* (Michx.) Sprengel], Small Green Wood Orchid. N, +
 - *Platanthera herbiola* (R. Br.) Lindley [*Habenaria flava* (L.) R. Br.], Tubercled Rein Orchid. N
 - *Platanthera grandiflora* (Bigelow) Lindl. [*Habenaria fimbriata* (Aiton) R. Br.], Large Purple Fringed Orchid. N, +
 - *Platanthera lacera* (Michx.) G. Don [*Habenaria lacera* (Michx.) Lodd.], Ragged Fringed Orchid. N, +
 - *Platanthera orbiculata* (Pursh) Lindl. [*Habenaria orbiculata* (Pursh) Torr.], Large Round-leaved Orchid. N, +
 - *Platanthera peramoena* (A. Gray) A. Gray [*Habenaria peramoena* A. Gray], Purple Fringeless Orchid. N T
 - Platanthera psycodes* (L.) Lindl. [*Habenaria psycodes* (L.) Sprengel], Small Purple Fringed Orchid. N T
 - Platanthera xandrewsii* (M. White) Luer [not cited], Fringed Orchid. N (not cited in W)
 - *Platanthera xkeenanii* P.M. Brown [not cited], Fringed Orchid. N (not cited in W)
 - *Pogonia ophioglossoides* (L.) Ker-Gawler, Rose Pogonia. N T
 - *Spiranthes cernua* (L.) L.C. Richard, Nodding Ladies'-tresses. N, +
 - *Spiranthes lacera* (Raf.) Raf. var. *gracilis* (Bigelow) Luer [*S. gracilis* (Bigelow) Beck.], Southern Slender Ladies'-tresses. N, +
 - *Spiranthes lucida* (H.H. Eaton) Ames, Shining Ladies'-tresses. N T, □
 - Spiranthes ochroleuca* (Rydb.) Rydb. [not cited], Yellow Nodding Ladies'-tresses. N
 - Spiranthes vernalis* Engelm. & A. Gray, Spring Ladies'-tresses. N T
 - Tipularia discolor* (Pursh) Nutt., Cranefly Orchid. N

Poaceae (Grass family) [Gramineae]

- Agrostis capillaris* L. [*A. tenuis* Sibth.], Colonial Bentgrass. E
Agrostis gigantea Roth. [*A. alba* L. (misapplied)], Redtop. E
Agrostis hyemalis (Walt.) BSP [*A. hyemalis* (Walt.) Tuckerman], Small Bentgrass. N
Agrostis mertensii Trinius [*A. borealis* Hartm.], Arctic Bentgrass. N
• *Agrostis perennans* (Walt.) Tuckerman, Autumn Bentgrass. N, +
Agrostis scabra Willd. [*A. hyemalis* (Walt.) BSP, in part], Rough Bentgrass. N
Agrostis stolonifera L. [*A. palustris* Huds.], Creeping Bentgrass. I
• *Andropogon gerardi* Vitman, Big Bluestem. N, +
• *Andropogon glomeratus* (Walt.) BSP [*A. virginicus* L. var. *abbreviatus* (Hack.) Fern. & Griscom], Common Bushy Bluestem. N, o
• *Andropogon virginicus* L. var. *virginicus*, Old-field Broomstraw. N, □+
• *Anthoxanthum odoratum* L., Sweet Vernal Grass. E
• *Arrhenatherum elatius* (L.) Palisot de Beauv. ex J. & C. Presl var. *elatius* [*A. elatius* (L.) Mert. & Koch], Tall Oatgrass. E, +
• *Brachyelytrum erectum* (Schreb.) Palisot de Beauv. [*B. erectum* (Schreb.) Beauv.], Common Shorthusk. N
Brachyelytrum aristosum (Michx.) Trelease in Branner & Coville [not cited], Northern Shorthusk. E
Bromus ciliatus L., Fringed Bromegrass. N
Bromus commutatus Schrad., Hairy Chess. E
• *Bromus inermis* Leyss., Awnless Bromegrass. E
• *Bromus latiglumis* (Schear) Hitchcock., Auricled Brome. N, +
• *Bromus pubescens* Muhl. ex Willd. [*B. purgans* L. (misapplied)], Common Eastern Brome. N, + (includes *B. kalmii* A. Gray in H)
Bromus tectorum L., Downy Chess. E
Calamagrostis canadensis (Michx.) Beauv. var. *canadensis* [*C. canadensis* (Michx.) Nutt.], Canada Reedgrass. N
Calamagrostis porteri A. Gray, Porter's Reedgrass. N
Cinna arundinacea L., Common Woodreed. N
Cinna latifolia Griseb., Drooping Woodreed. N
Coleataenia rigidula (Bosc ex Nees) Le Blond ssp. *rigidula* [*Panicum agrostoides* Sprengel], Redtop Panic Grass. N
• *Dactylis glomerata* L., Orchard Grass. E
• *Danthonia compressa* Aust. ex Peck, Mountain Oatgrass. N, +
• *Danthonia spicata* (L.) Palisot de Beauv. ex Roemer & J.A. Schultes [*D. spicata* (L.) Beauv.], Poverty Oatgrass. N
Deschampsia caespitosa (L.) Palisot de Beauv. ssp. *glauca* (Hartman) Hartman [*D. caespitosa* (L.) Beauv.], Tufted Hairgrass. N, +
• *Dichanthelium acuminatum* (Swartz) Gould & C.A. Clark var. *fasciculatum* (Torr.) Freckmann [*Panicum lanuginosum* Ell.], Slender-stemmed Witchgrass. N, +
Dichanthelium acuminatum (Swartz) Gould & C.A. Clark var. *lindheimeri* (Nash) Gould & C.A. Clark [*Panicum lindheimeri* Nash], Lindheimer's Witchgrass. N
Dichanthelium boscii (Poiret) Gould & C.A. Clark [*Panicum boscii* Poiret], Bosc's Witchgrass. N
• *Dichanthelium clandestinum* (L.) Gould [*Panicum clandestinum* L.], Deertongue Witchgrass. N
Dichanthelium columbianum (Scribner) Freckmann [*Panicum columbianum* Scribn.], American Witchgrass. A
• *Dichanthelium commutatum* (J.A. Schultes) Gould var. *commutatum* [*Panicum commutatum* J.A. Schultes], Variable Witchgrass. N, □+
Dichanthelium depauperatum (Muhl.) Gould [*Panicum depauperatum* Muhl.], Starved Witchgrass. N
• *Dichanthelium dichotomum* (L.) Gould var. *dichotomum* [*Panicum dichotomum* L.], Bushy Panic Grass. N
• *Dichanthelium latifolium* (L.) Harvill [*Panicum latifolium* L.], Broadleaved Witchgrass. N, +
Dichanthelium linearifolium (Scribner) Gould [*Panicum linearifolium* Scribn.], Low White-haired Witchgrass. N
Dichanthelium meridionale (Ashe) Freckmann [*Panicum meridionale* Ashe, *P. albemarlense* Ashe], Matting Witchgrass. N T
Dichanthelium polyanthes (J.A. Schultes) Mohlenbrock [*Panicum macrocarpon* Muhl., *P. polyanthes* J.A. Schultes], Small-fruited Witchgrass. N
Dichanthelium sphaerocarpon (Ell.) Gould [*Panicum sphaerocarpon* Ell.], Round-fruited Witchgrass. N
Digitaria sanguinalis (L.) Scop., Northern Crabgrass. N
• *Echinochloa crus-galli* (L.) Beauv. var. *crus-galli* [*E. crusgalli* (L.) Beauv.], Barnyard Grass. E
Echinochloa frumentacea Link, Japanese Millet. E^h
Eleusine indica (L.) Gaertn., Goose Grass. I
Elymus canadensis L. var. *canadensis* [*E. canadensis* L.], Nodding Wild Rye. N
• *Elymus hystrix* L. var. *hystrix* [*H. patula* Moench], Common Bottlebrush Grass. N
• *Elymus repens* (L.) Gould [*Agropyron repens* (L.) Beauv.], Quackgrass. E, +

- *Elymus riparius* Wieg., Eastern Riverbank Wild Rye. N
- Elymus trachycaulus* (Link) Gould ex Shinnars ssp. *subsecundus* (Link) A. & D. Löve [*Agropyron subsecundum* (Link.) Hitchc.], Bearded Wheatgrass. N T
- Elymus trachycaulus* (Link) Gould ex Shinnars ssp. *trachycaulus* [*Agropyron trachycaulon* (Link.) Malte], Slender Wheatgrass. N
- Elymus villosus* Muhl. ex Willd. var. *villosus* [*E. villosus* Muhl.], Downy Wild Rye. N
- Elymus virginicus* L., Common Eastern Wild Rye. N
- Eragrostis cilianensis* (Allioni) Vignolo ex Janchen [*E. megastachya* (Koeler) Link], Stinkgrass. E
- *Festuca rubra* L., Red Fescue. N
- *Festuca subverticillata* (Pers.) Alexeev [*F. obtusa* Biehler], Nodding Fescue. N, +
- *Festuca trachyphylla* (Hack.) Krajina [*F. ovina* L.], Hard Fescue. E, +
- Glyceria acutiflora* Torr., Mannagrass. N T
- Glyceria canadensis* (Michx.) Trinius, Rattlesnake Mannagrass. N
- Glyceria grandis* S. Wats. var. *grandis* [*G. grandis* S. Wats.], American Mannagrass. N T
- Glyceria laxa* (Scribn.) Scribn. [*G. laxa* Scribn.], Lax Mannagrass. N T
- *Glyceria melicaria* (Michx.) F.T. Hubb., Slender Mannagrass. N, +
- Glyceria septentrionalis* A.S. Hitchc., Eastern Mannagrass. N
- *Glyceria striata* (Lam.) A.S. Hitchc. var. *striata* [*G. striata* (Lam.) A.S. Hitchc.], Fowl Mannagrass. N, +
- Greeneochloa coarctata* (Eaton) P.M. Peterson, Sorena, Romaschenko, & Barberá [*Calamagrostis cinnoides* (Muhl.) Barton], Reedgrass. N
- *Holcus lanatus* L., Velvet Grass. E
- Hordeum jubatum* L. ssp. *jubatum* [*H. jubatum* L.], Foxtail Barley. I
- *Leersia oryzoides* (L.) Swartz [*L. oryzoides* (L.) Sweet], Rice Cutgrass. N
- *Leersia virginica* Willd., White Grass. N
- Lolium arundinaceum* (Schreb.) S.J. Darbyshire [*Festuca elatior* L. (sensu lato)], Tall Fescue. E
- Lolium pratense* (Huds.) S.J. Darbyshire [*Festuca elatior* L.], Meadow Fescue. E
- *Microstegium vimineum* (Trinius) A. Camus [not cited], Japanese Stilt-grass. E
- *Milium effusum* L. var. *cisatlanticum* Fern. [*M. effusum* L.], American Wood Millet. N, +
- Muhlenbergia sylvatica* Torr. ex A. Gray [*M. sylvatica* Torr.], Woodland Muhly. N
- *Panicum philadelphicum* Bernhardt ex Trinius ssp. *philadelphicum* [*P. philadelphicum* Bernhardt], Wood Witchgrass. N, o+
- Paspalum setaceum* Michx. [*P. setaceum* Michx., *P. ciliatifolium* Michx., *P. pubescens* Muhl.], Crown Grass. N (var. (s) not determined)
- *Phalaris arundinacea* L., Reed Canary-grass. N, +
- *Phleum pratense* L. ssp. *pratense* [*P. pratense* L.], Timothy Grass. E
- *Poa alsodes* A. Gray, Woodland Bluegrass. N, +
- *Poa annua* L., Annual Bluegrass. E
- Poa compressa* L., Canada Bluegrass. E
- *Poa cuspidata* Nutt., Early Bluegrass. N, +
- Poa paludigena* Fern. & Wieg. [not cited], Bog Bluegrass. N T
- Poa palustris* L., Fowl Bluegrass. N
- *Poa pratensis* L. ssp. *pratensis* [*P. pratensis* L.], Kentucky Bluegrass. E, +
- *Poa sylvestris* A. Gray, Woodland Bluegrass. N, +
- *Poa trivialis* L. ssp. *trivialis* [*P. trivialis* L.], Rough Bluegrass. E, +
- Schizachne purpurascens* (Torr.) Swallen, Purple Oatgrass. N T
- *Schizachyrium scoparium* (Michx.) Nash var. *scoparium* [*Andropogon scoparius* Michx.], Common Little Bluestem. N, +
- *Setaria pumila* (Poir.) Roemer & J.A. Schultes [*S. glauca* (L.) Beauv.], Yellow Foxtail. E
- Setaria viridis* (L.) Beauv. var. *viridis* [*S. viridis* (L.) Beauv.], Green Bristlegrass. E
- *Sorghastrum nutans* (L.) Nash, Indian-grass. N, +
- Spartina pectinata* Link, Prairie Cordgrass. N
- *Sphenopholis intermedia* (Rydb.) Rydb. [*S. intermedia* Rydb.], Slender Wedgegrass. N, +
- Sphenopholis nitida* (Biehler) Scribn., Shining Wedgegrass. N
- Sphenopholis obtusata* (Michx.) Scribn., Prairie Wedgegrass. N
- Sphenopholis pensylvanica* (L.) A.S. Hitchc. [*Trisetum pensylvanicum* (L.) Beauv. ex Roemer & J.A. Schultes], Swamp-oats. N

Pontederiaceae (Pickerelweed family)

Heteranthera dubia (Jacq.) MacM., Water Stargrass. N

Pontederia cordata L. var. *cordata* [*P. cordata* L.], Heartleaf Pickerelweed. I

Potamogetonaceae (Pondweed family)

Potamogeton amplifolius Tuckerman, Large-leaved Pondweed. N

• *Potamogeton diversifolius* Raf., Variable Pondweed. N, ○□+

Potamogeton epihydrus Raf., Ribbonleaf Pondweed. N

Potamogeton foliosus Raf. var. *foliosus* [*P. foliosus* Raf.], Leafy Pondweed. N

Potamogeton pusillus L. var. *pusillus* [*P. pusillus* L.], Small Pondweed. N

Potamogeton tennesseensis Fern., Tennessee Pondweed. N T

Ruscaceae (Ruscus family)

• *Convallaria pseudomajalis* Bartram [*C. montana* Raf.], American Lily-of-the-valley. N, +

• *Maianthemum canadense* Desf., Canada Mayflower. N, +

• *Maianthemum racemosum* (L.) Link [*Smilacina racemosa* (L.) Desf.]; Eastern Solomon's Plume, False Solomon's Seal. N

Maianthemum stellatum (L.) Link [*S. stellata* (L.) Desf.], Starry Solomon's Plume. N T

• *Polygonatum biflorum* (Walter) Elliott var. *biflorum* [*P. biflorum* (Walt.) Ell.], Common Solomon's Seal. N

• *Polygonatum pubescens* (Willd.) Pursh, Downy Solomon's Seal. N, +

Scheuchzeriaceae (Scheuchzeria family)

Scheuchzeria palustris L. var. *americana* (Fern.) Hultén [*S. palustris* L.], Pod-grass. N T

Smilacaceae (Greenbrier family)

• *Smilax ecirrata* (Engelm. ex Kunth) S. Wats. [*S. ecirrhata* (Engelm.) S. Wats.], Upright Carrionflower. N

Smilax glauca Walt., Whiteleaf Greenbrier. N

• *Smilax herbacea* L., Common Carrionflower. N

• *Smilax hispida* Raf. var. *hispida* [*S. hispida* Muhl.], Bristly Greenbrier. N

• *Smilax rotundifolia* L., Common Greenbrier. N

Trilliaceae (Trillium family)

• *Trillidium undulatum* Fluden & E.E. Schilling [*Trillium undulatum* Willd.], Painted Trillium. N

• *Trillium erectum* L. var. *album* (Michx.) Pursh [*T. erectum* L.]; White-flowered Red Trillium, Wake-robin. N

• *Trillium erectum* L. var. *erectum* [*T. erectum* L.]; Red Trillium, Wake-robin. N

• *Trillium grandiflorum* (Michx.) Salisb.; Large-flowered Trillium, White Trillium. N

Trillium sessile L., Sessile Trillium. N

Typhaceae (Cattail family)

• *Sparganium acaule* (Beeby ex Macoun) Rydberg [*S. chlorocarpum* Rydb.], Greenleaf Bur-reed. N, +

Sparganium americanum Nutt., American Bur-reed. N

Typha angustifolia L., Narrowleaf Cattail. N

• *Typha latifolia* L., Common Broadleaf Cattail. N

EUDICOTYLEDONAE (EUDICOTS)

Acanthaceae (Acanthus family)

• *Justicia americana* (L.) Vahl., American Water-willow. N, ○

Aceraceae (Maple family)

Acer negundo L. var. *negundo* [*A. negundo* L.], Eastern Boxelder. N

• *Acer nigrum* Michx. f., Black Maple. N, +

• *Acer pensylvanicum* L., Striped Maple. N, +

Acer platanoides L., Norway Maple. E

- *Acer rubrum* L. var. *rubrum* [*A. rubrum* L.], Red Maple. N
- *Acer saccharinum* L., Silver Maple. N
- *Acer saccharum* Marsh. var. *saccharum* [*A. saccharum* Marsh.], Sugar Maple. N
- *Acer spicatum* Lam., Mountain Maple. N, +

Amaranthaceae (Amaranth family)

Amaranthus hybridus L. ssp. *hybridus* [*A. hybridus* L.], Common Pigweed. N
Amaranthus retroflexus L., Rough Pigweed. I

Anacardiaceae (Cashew family)

Rhus aromatica Aiton var. *aromatica* [*R. aromatica* Aiton], Fragrant Sumac. N
Rhus copallinum L. var. *latifolia* Engl., Eastern Winged Sumac. N

- *Rhus typhina* L., Staghorn Sumac. N
- *Toxicodendron radicans* (L.) Kuntze var. *radicans* [*Rhus radicans* L.], Eastern Poison Ivy. N

Toxicodendron vernix (L.) Kuntze [*Rhus vernix* L.], Poison Sumac. N T

Apiaceae (Carrot family) [Umbelliferae]

- *Aegopodium podagraria* L., Goutweed. E, ○□

Aethusa cynapium L., Fool's-parsley. E^h

- *Angelica atropurpurea* L., Purple Angelica. N
- *Angelica triquinata* Michx., Filmy or Mountain Angelica. N

Angelica venenosa (Greenway) Fern., Hairy Angelica. N

- *Cicuta maculata* L. var. *maculata* [*C. maculata* L.], Water-hemlock. N, +
- *Conium maculatum* L., Poison-hemlock. E
- *Cryptotaenia canadensis* (L.) DC., Honewort. N
- *Daucus carota* L. ssp. *carota* [*D. carota* L.], Queen Anne's Lace. E
- *Heracleum maximum* Bartr., Cow-parsnip. N

Ligusticum canadense (L.) Britt., Lovage. N

- *Osmorhiza claytonii* (Michx.) C.B. Clarke, Hairy Sweet Cicely. N
- *Osmorhiza longistylis* (Torr.) DC., Smooth Sweet Cicely. N, +

Oxypolis rigidior (L.) Raf., Cowbane. N

- *Pastinaca sativa* L., Parsnip. E

Pimpinella saxifraga L. ssp. *saxifraga* [not cited], Burnet-saxifrage. E

- *Sanicula canadensis* L. var. *canadensis* [*S. canadensis* L.], Black Snakeroot. N, ○□

Sanicula marilandica L., Maryland Sanicle. N

- *Sanicula odorata* (Raf.) K.M. Pryer and L.R. Phillippe [*S. gregaria* Bickn.], Clustered Snakeroot. N, +

Sanicula trifoliata Bickn., Beaked Snakeroot. N

- *Sium suave* Walt., Water-parsnip. N, □
- *Taenidia integerrima* (L.) Drude, Yellow Pimpernel. N, +

Taenidia montana (Mackenzie) Cronquist [*Pseudotaenidia montana* Mackenzie], Mountain Pimpernel. N T

- *Thaspium barbinode* (Michx.) Nutt., Hairy-jointed Meadow-parsnip. N
- *Thaspium trifoliatum* (L.) A. Gray [no vars. in S&C], Meadow-parsnip. N, ○□ (var. not determined)
- *Torilis japonica* (Houtt.) DC., Hedge-parsley. E
- *Zizia aptera* (A. Gray) Fern., Heartleaf Golden Alexanders. N

Zizia aurea (L.) W.D.J. Koch, Common Golden Alexanders. N

Apocynaceae (Dogbane family) [includes Asclepiadaceae]

- *Apocynum androsaemifolium* L., Spreading Dogbane. N
- *Apocynum cannabinum* L., Indian-hemp. N, +

Apocynum medium Greene, Intermediate Dogbane. N

- *Asclepias exaltata* L., Poke Milkweed. N

Asclepias incarnata L. var. *pulchra* (Ehrh. ex Willd.) Pers., Eastern Swamp Milkweed. N

Asclepias purpurascens L., Purple Milkweed. N

- *Asclepias quadrifolia* Jacq., Four-leaved Milkweed. N
 - *Asclepias syriaca* L., Common Milkweed. N
- Asclepias tuberosa* L. var. *cordata* Beck [*A. tuberosa* L.], Midwestern Butterfly-weed. N
- Asclepias tuberosa* L. ssp. *tuberosa* [*A. tuberosa* L.], Eastern Butterfly-weed. N
- Asclepias verticillata* L., Whorled Milkweed. N
- *Vinca minor* L., Common Periwinkle. E

Aquifoliaceae (Holly family)

- *Ilex collina* Alexander, Long-stalked Holly. N T
 - *Ilex montana* Torr. & A. Gray ex A. Gray [*I. montana* Torr. & Gray], Mountain Holly. N
- Ilex opaca* Aiton, American Holly. N
- *Ilex verticillata* (L.) A. Gray, Winterberry. N

Araliaceae (Ginseng family)

- Aralia hispida* Vent., Bristly Sarsaparilla. N
- *Aralia nudicaulis* L., Wild Sarsaparilla. N
 - *Aralia racemosa* L., Spikenard. N
 - *Aralia spinosa* L., Hercules' Club. N
 - *Hydrocotyle americana* L., American Water-pennywort. N
 - *Nanopanax trifolius* (L.) Haines [*Panax trifolius* L.], Dwarf Ginseng. N
 - *Panax quinquefolius* L., Ginseng. N

Asteraceae (Aster family) [Compositae]

- *Achillea gracilis* Raf. [*A. millefolium* L.], Eastern Yarrow. N
 - *Ageratina altissima* King & H.E. Robinson var. *altissima* [*Eupatorium rugosum* Houtt.], Common White Snakeroot. N
- Ageratina aromatica* (L.) Spach var. *aromatica* [*Eupatorium aromaticum* L.], Small-leaved White Snakeroot. N T
- *Ambrosia artemisiifolia* L., Common Ragweed. N
 - *Ambrosia trifida* L. var. *trifida* [*A. trifida* L.], Giant Ragweed. N
- Anaphalis margaritacea* (L.) Benth. & Hooker f. [*A. margaritacea* (L.) C.B. Clarke], Pearly Everlasting. N
- *Antennaria parlinii* Fern. ssp. *parlinii* [*A. plantaginifolia* (L.) Richards var. *arnoglossa* (Greene) Cronquist], Plantain-leaf Pussytoes. N
 - *Antennaria plantaginifolia* (L.) Hooker, Pussytoes. N
 - *Antennaria virginica* Stebbins, Shale-barrens Pussytoes. N, +
- Anthemis arvensis* L., Field Chamomile. E
- Anthemis cotula* L., Dog Fennel. E
- *Arctium minus* Bernhadi, Common Burdock. E
 - *Arnoglossum atriplicifolium* (L.) H.E. Robinson [*Cacalia atriplicifolia* L.], Pale Indian-plantain. N
 - *Arnoglossum reniforme* (Hooker) H.E. Robinson [*Cacalia muehlenbergii* (Sch. Bip.) Fern.], Great Indian-plantain. N
 - *Artemisia vulgaris* L., Common Mugwort. E, ○□
 - *Bellis perennis* L., English Daisy. E, ○□+
- Bidens aristosa* (Michx.) Britt., Midwestern Tickseed-sunflower. A
- *Bidens cernua* L., Nodding Bur-marigold. N
- Bidens comosa* (A. Gray) Wieg. [*B. tripartita* L.], Strawstem Beggar-ticks. N
- Bidens connata* Muhl. [not cited], Purplestem Beggar-ticks. N
- *Bidens frondosa* L., Devil's Beggar-ticks. N
 - *Bidens laevis* (L.) BSP., Showy Bur-marigold. N
- Bidens vulgata* Greene, Tall Beggar-ticks. N
- Carduus acanthoides* L. ssp. *acanthoides* [*C. acanthoides* L.], Plumeless Thistle. E
- *Carduus nutans* L., Musk Thistle. E, ○
- Centaurea jacea* L., Brown Knapweed. E
- Centaurea nigra* L., Black Knapweed. E
- *Centaurea stoebe* L. ssp. *micranthos* (S.G. Gmelin ex Gugler) Hayek [*Centaurea maculosa* Lam.], Spotted Knapweed. E
- Chrysopsis mariana* (L.) Ell. [*Heterotheca mariana* (L.) Shinners], Maryland Golden-aster. N
- *Cichorium intybus* L., Chicory. E

- *Cirsium arvense* (L.) Scop., Field or Canada Thistle. E, +
- *Cirsium discolor* (Muhl. ex Willd.) Sprengel [*C. discolor* (Muhl.) Sprengel], Field Thistle. N
- *Cirsium muticum* Michx., Swamp Thistle. N
- Cirsium pumilum* (Nutt.) Sprengel, Pasture Thistle. N
- *Cirsium vulgare* (Savi) Ten., Bull Thistle. E
- *Conoclinium coelestinum* (L.) DC. [*Eupatorium coelestinum* L.], Mistflower. N
- Coreopsis auriculata* L.; Running Tickseed, Lobed Coreopsis. N
- Coreopsis major* Walt.; Woodland Tickseed, Woodland Coreopsis. N
- Coreopsis tripteris* L., Tall Coreopsis. N
- *Crepis capillaris* (L.) Wallr., Smooth Hawksbeard. E
- Doellingeria infirma* (Michx.) E. Greene [*Aster infirmus* Michx.], Appalachian Flat-topped White Aster. N
- *Doellingeria umbellata* (P. Mill.) Nees [*Aster umbellatus* Mill.], Tall Flat-topped White Aster. N
- *Erechtites hieracifolius* (L.) Raf. ex DC., Fireweed. N
- *Erigeron annuus* (L.) Pers., Annual White-top Fleabane. N
- Erigeron canadensis* L., Common Horseweed. N
- Erigeron philadelphicus* L. var. *philadelphicus* [*E. philadelphicus* L.], Philadelphia Daisy Fleabane. N
- Erigeron pulchellus* Michx. var. *brauniae* Fern. [no vars. in S&C], Robin's Plantain. N
- *Erigeron pulchellus* Michx. var. *pulchellus* [no vars. in S&C], Robin's Plantain. N (most likely this var. found)
- *Erigeron strigosus* Muhl. ex Willd. var. *strigosus* [*E. strigosus* Muhl.], Common Rough Fleabane. N
- Eupatorium altissimum* L., Tall Thoroughwort. N
- Eupatorium godfreyanum* Cronquist [not cited], Godfrey's Thoroughwort. N T
- *Eupatorium perfoliatum* L., Boneset. N
- Eupatorium pilosum* Walt., Ragged Thoroughwort. N T
- Eupatorium pubescens* Muhl. ex Willd. [*E. pubescens* Muhl.], Hairy Thoroughwort. N
- Eupatorium serotinum* Michx., Late Thoroughwort. N
- Eupatorium sessilifolium* L. var. *sessilifolium* [*E. sessilifolium* L.], Sessileleaf Boneset. N
- Eurybia chlorolepis* (Burgess) Nesom [not cited], Mountain Wood Aster. N
- *Eurybia divaricata* (L.) Nesom [*Aster divaricatus* L.], White Wood Aster. N, +
- Eurybia macrophylla* (L.) Cass. [*Aster macrophyllus* L.], Bigleaf Aster. N
- Eurybia radula* (Aiton) Nesom [*Aster radula* Aiton], Low Rough Aster. N
- *Eurybia schreberi* (Nees) Nees [*Aster schreberi* Nees], Schreber's Aster. N
- *Euthamia graminifolia* (L.) Nutt. var. *graminifolia* [*Solidago graminifolia* (L.) Salisb.], Flat-topped or Grass-leaved Goldenrod. N
- *Eutrochium fistulosum* (Barratt) E.E. Lamont [*Eupatorium fistulosum* Barratt], Hollowstem Joe-Pye-weed. N
- Eutrochium maculatum* (L.) E.E. Lamont var. *maculatum* [*Eupatorium maculatum* L.], Spotted Joe-Pye-weed. N T
- *Eutrochium purpureum* (L.) E.E. Lamont var. *purpureum* [*Eupatorium purpureum* L.], Purplenode Joe-Pye-weed. N
- *Galinsoga quadriradiata* Ruiz & Pavón [*G. ciliata* (Raf.) Blake], Raceweed. E
- Gamochaeta purpurea* (L.) Cabrera [*Gnaphalium purpureum* L.], Purplish Cudweed. N
- Gnaphalium uliginosum* L., Low Cudweed. N
- *Helenium autumnale* L., Common Yellow Sneezeweed. N
- *Helenium flexuosum* Raf., Southern Sneezeweed. N
- *Helianthus decapetalus* L., Forest Sunflower. N
- Helianthus divaricatus* L., Woodland Sunflower. N
- *Helianthus giganteus* L., Giant Sunflower. A
- Helianthus microcephalus* Torr. & A. Gray, Small-headed Sunflower. N
- *Helianthus strumosus* L., Roughleaf Sunflower. N, +
- *Helianthus tuberosus* L., Jerusalem Artichoke. N, +
- *Heliopsis helianthoides* (L.) Sweet var. *helianthoides* [*H. helianthoides* (L.) Sweet], Eastern Ox-eye. N
- Heliopsis helianthoides* (L.) Sweet var. *scabra* (Dunal) Fern. [*H. scabra* Dunal], Rough Ox-eye. N
- *Hieracium paniculatum* L., Leafy Hawkweed. N
- *Hieracium scabrum* Michx., Rough Hawkweed. N
- *Hieracium traillii* Greene, Shale-barrens Hawkweed. N
- *Hieracium venosum* L., Rattlesnake Weed. N
- Hypochaeris radicata* L., Spotted Cat's-ear. E

Inula helenium L., Elecampane. E

Ionactis linariifolius (L.) Greene [*Aster linariifolius* L.], Stiff-leaved Aster. N

Krigia biflora (Walt.) Schreber ssp. *biflora* [*K. biflora* (Walt.) Blake], Orange Dwarf-dandelion. N

- *Lactuca biennis* (Moench) Fern., Tall Blue Lettuce. N
- *Lactuca canadensis* L., Wild Lettuce. N

Lactuca floridana (L.) Gaertn., Woodland Blue Lettuce. N

Lactuca serriola L. [*L. scariola* L.], Prickly Lettuce. E

- *Leucanthemum vulgare* Lam. [*Chrysanthemum leucanthemum* L.], Ox-eye Daisy. E

Liatris resinosa Nutt. [*L. spicata* (L.) var. *resinosa* (Nutt.) Gaiser], Gay Feathers. N

- *Liatris spicata* L. [*L. spicata* (L.) Willd. var. *spicata*], Gay Feathers. N

Matricaria discoidea DC. [*M. matricarioides* (Less.) Porter], Pineapple Weed. I

- (• *Nabalus Cassini* sp. [*Prenanthes* L.], Rattlesnake-root.)

Nabalus albus (L.) Hooker [*Prenanthes alba* L.], Northern Rattlesnake-root. N

Nabalus altissimus (L.) Hooker [*Prenanthes altissima* L.], Tall Rattlesnake-root. N

Nabalus serpentaria (Pursh) Hooker [*Prenanthes serpentaria* Pursh], Lion's-foot. N

Nabalus trifoliolatus Cass. [*Prenanthes trifoliata* Fern.], Gall-of-the-earth. N

- *Oclemena acuminata* (Michx.) Greene [*Aster acuminatus* Michx.], Whorled Aster. N

Packera anonyma (Wood) W.A. Weber & A. Löve [*Senecio smallii* Britt.], Appalachian Ragwort. N

- *Packera aurea* (L.) A. & D. Löve [*Senecio aureus* L.], Golden Ragwort. N

Parthenium integrifolium L. var. *integrifolium* [*P. integrifolium* L.], Wild Quinine. N

- *Pilosella aurantiaca* (L.) F. Schultz & Schultz 'Bipontinus' [*Hieracium aurantiacum* L.], Orange Hawkweed. E
- *Pilosella caespitosa* (Dumortier) P.D. Sell & C. West [*Hieracium pratense* Tausch], Field Hawkweed. E
- *Pilosella floribunda* (Wimmer & Grabowski) Arvet-Touvet. [*Hieracium floribundum* Wimm. & Grab.], Glaucous Hawkweed. E
- *Pilosella officinarum* F.W. Schultz & Schultz 'Bipontinus' [*Hieracium pilosella* L.] Mouse-ear Hawkweed. E, +
- Pilosella xfloribunda* (Wimmer & Grabowski) Arvet-Touvet [*Hieracium floribundum* Wimm. & Grab.], Smooth Hawkweed. E

Polymnia canadensis L., White-flowered Leafcup. N

Rudbeckia hirta L. var. *pulcherrima* Farw., Weedy Black-eyed Susan. A

- *Rudbeckia laciniata* L. var. *laciniata* [*R. laciniata* L.], Cutleaf or Green-headed Coneflower. N

Rudbeckia speciosa Wenderoth, Showy Coneflower. A N

Sericocarpus asteroides (L.) BSP [*S. asteroides* (L.) BSP.], Toothed White-topped Aster. N

Silphium asteriscus L. var. *trifoliatum* (L.) J.A. Clevinger [*S. trifoliatum* L.], Whorled Rosinweed. N

Silphium reniforme Raf. ex Nutt. [*S. compositum* Michx. var. *reniforme* (Raf. ex Nutt.) Sweeney & Fisher], Rosinweed. N

- *Smallanthus uvedalia* (L.) Mackenzie [*Polymnia uvedalia* L.]; Yellow-flowered Leafcup, Bearsfoot. N
- *Solidago altissima* L. var. *altissima*, [*Solidago altissima* L.], Tall Goldenrod. N, □+
- Solidago arguta* Aiton var. *arguta* [*S. arguta* L.], Forest Goldenrod. N
- *Solidago bicolor* L., Silverrod. N, +
- Solidago caesia* L. var. *caesia* [*S. caesia* L.], Axillary Goldenrod. N
- *Solidago canadensis* L. [no vars. in S&C], Canada Goldenrod. N (var. in W not determined)
- *Solidago curtisii* Torr. & A. Gray, Curtis's Goldenrod. N, +
- Solidago erecta* Banks ex Pursh [*S. erecta* Pursh], Slender Goldenrod. N
- Solidago flexicaulis* L., Zigzag Goldenrod. N
- Solidago hispida* Muhl. ex Willd. var. *hispida* [*S. hispida* Muhl.], Hairy Goldenrod. N
- *Solidago juncea* Aiton, Early Goldenrod. N
- *Solidago nemoralis* Aiton var. *nemoralis* [*S. nemoralis* Aiton], Oldfield Goldenrod. N, +
- Solidago odora* Aiton, Licorice Goldenrod. N
- Solidago puberula* Nutt., Downy Goldenrod. N
- Solidago racemosa* Greene, Sticky Goldenrod. N
- Solidago roanensis* Porter, Roan Mountain Goldenrod. N
- *Solidago rugosa* P. Mill. var. *rugosa* [*S. rugosa* Aiton var. *rugosa*], Wrinkle-leaf Goldenrod. N
- Solidago speciosa* Nutt., Showy Goldenrod. N
- Solidago uliginosa* Nutt. var. *linoides* (Torr. & A. Gray) Fern. [not cited], Bog Goldenrod. N
- Solidago uliginosa* Nutt. var. *uliginosa* [*S. uliginosa* Nutt.], Northern Bog Goldenrod. N
- Solidago ulmifolia* Muhl. ex Willd. var. *ulmifolia* [*S. ulmifolia* Muhl.], Elmleaf Goldenrod. N

Sonchus asper (L.) Hill, Spiny Sow Thistle. E

Sonchus oleraceus L., Common Sow Thistle. E

- *Symphotrichum cordifolium* (L.) Nesom [*Aster cordifolius* L.], Blue Wood Aster. N, +
- Symphotrichum drummondii* (Lindl.) Nesom [not cited], Hairy Heart-leaved Aster. N
- *Symphotrichum dumosum* (L.) Nesom var. *dumosum* [*Aster dumosus* L.], Long-stalked Aster. N, +
- *Symphotrichum firmum* (Nees) Nesom [*Aster puniceus* L. var. *firmus* (Nees) Torr. & Gray], Shining Aster. N (record based on H)
- Symphotrichum lanceolatum* (Willd.) Nesom var. *lanceolatum* [*Aster simplex* Willd.], Panicked Aster. N
- *Symphotrichum lateriflorum* (L.) Löve and Löve [*Aster lateriflorus* (L.) Britton], Starved Aster. N, +
- *Symphotrichum lowrieianum* (Porter) Nesom [*Aster lowrieanus* Porter], Smooth Heart-leaved Wood Aster. N, ○□+
- *Symphotrichum novae-angliae* (L.) Nesom [*Aster novae-angliae* L.], New England Aster. N
- Symphotrichum ontarionis* (Wieg.) Nesom var. *ontarionis* [*Aster tradescanti* Willd.], Bottomland Aster. N
- Symphotrichum patens* (Aiton) Nesom var. *patens* [*Aster patens* Aiton var. *patens*], Late Purple Clasp Aster. N
- *Symphotrichum phlogifolium* (Muhl. ex Willd.) Nesom [*Aster patens* Ait. var. *phlogifolius* (Muhl.) Nees], Appalachian Clasp Aster. N
- *Symphotrichum pilosum* (Willd.) Nesom var. *pilosum* [*Aster pilosus* Willd.], White Heath Aster. N
- *Symphotrichum pilosum* (Willd.) Nesom var. *pringlei* (A. Gray) Nesom [*Aster pilosus* Willd. var. *demotus* Blake], White Heath Aster. N, +
- *Symphotrichum prenanthoides* (Muhl. ex Willd.) Nesom [*Aster prenanthoides* Muhl.], Crooked Stem or Zigzag Aster. N
- *Symphotrichum puniceum* (L.) Löve and Löve var. *puniceum* [*Aster puniceus* L. var. *puniceus* and var. *calvus* Shinners], Purple-stem Aster. N
- *Symphotrichum racemosum* (Ell.) Nesom var. *racemosum* [*Aster vimineus* Lam.], Small White Aster. N, +
- *Symphotrichum undulatum* (L.) Nesom [*Aster undulatus* L. var. *loriformis* Burgess], Wavyleaf Aster. N, ○+
- Tanacetum vulgare* L., Common Tansy. E
- *Taraxacum officinale* G.H. Weber ex Wiggers [*T. officinale* Weber], Common Dandelion. E
- *Tragopogon pratensis* L., Yellow Goat's Beard. E
- *Tussilago farfara* L., Coltsfoot. E
- *Verbesina alternifolia* (L.) Britt. ex Kearney, Common Wingstem. N
- Vernonia gigantea* (Walt.) Trel. [*V. altissima* Nutt.], Tall Ironweed. N
- *Vernonia noveboracensis* (L.) Michx., New York Ironweed. N
- Xanthium orientale* L. [*X. italicum* Moretti], Cocklebur. N (W name not fully resolved)

Balsaminaceae (Touch-me-not family)

- *Impatiens capensis* Meerb., Orange or Spotted Jewelweed. N, +
- *Impatiens pallida* Nutt., Yellow Jewelweed. N
- *Impatiens pallida* Nutt. f. *speciosa* Jennings, White form Yellow Jewelweed. N, +

Berberidaceae (Barberry family)

- *Berberis thunbergii* DC., Japanese Barberry. E, +
- *Caulophyllum giganteum* (Farw.) Loconte & Blackwell [*C. thalictroides* (L.) Michx. var. *giganteum* Farw.], Northern Blue Cohosh. N, +
- *Caulophyllum thalictroides* (L.) Michx., Common Blue Cohosh. N, +
- *Jeffersonia diphylla* (L.) Pers., Twinleaf. N
- *Podophyllum peltatum* L., Mayapple. N

Betulaceae (Birch family)

- *Alnus rugosa* (Du Roi) Sprengel, Speckled Alder. N
- Alnus serrulata* (Aiton) Willd., Tag Alder. N
- *Betula alleghaniensis* Britt., Yellow Birch. N
- *Betula lenta* (L.) var. *lenta* [*B. lenta* L.], Sweet or Black Birch. N
- *Betula nigra* L., River Birch. N
- *Carpinus caroliniana* Walt. var. *virginiana* (Marsh) Fern., Ironwood. N
- *Corylus americana* Walt., American Hazelnut. N, +
- *Corylus cornuta* Marsh. var. *cornuta* [*C. cornuta* Marsh], Beaked Hazelnut. N
- *Ostrya virginiana* (P. Miller) K. Koch, Hop Hornbeam. N

Bignoniaceae (Bignonia family)

- *Catalpa speciosa* (Warder) Warder ex Engelm. [*C. speciosa* Warder], Northern Catalpa. I

Boraginaceae (Borage family)

Buglossoides arvensis (L.) I.M. Johnston ssp. *arvensis* [*Lithospermum arvense* L.], Corn Gromwell. E
Cynoglossum officinale L., Garden Comfrey. E

- *Andersonglossum virginianum* (L.) J.I. Cohen [*Cynoglossum virginianum* L.], Wild Comfrey. N, ○□
- *Echium vulgare* L., Viper's Bugloss. E

Hackelia virginiana (L.) I.M. Johnston, Virginia Stickseed. N

- *Lithospermum latifolium* Michx., American Gromwell. N, ○□+
- *Mertensia virginica* (L.) Pers. ex Link [*M. virginica* (L.) Pers.], Virginia Bluebells. I⁹, ○□
- *Myosotis arvensis* (L.) Hill, Field Forget-me-not. E
- *Myosotis laxa* Lehm. ssp. *laxa* [*M. laxa* Lehm.], Smaller Forget-me-not. N, +

Brassicaceae (Mustard family) [Cruciferae]

- *Alliaria petiolata* (Bieb.) Cavara & Grande [*A. officinalis* Andrz.], Garlic Mustard. E

Alyssum alyssoides (L.) L., Yellow Alyssum. E

- *Barbarea vulgaris* W. Aiton [*B. vulgaris* R. Br.], Common Winter Cress. E

Borodinia canadensis (L.) P.J. Alexander & Windham [*Arabis canadensis* L.], Sicklepod. N

- *Borodinia laevigata* (Muhl. ex Willd.) P.J. Alexander & Windham [*A. laevigata* (Muhl.) Poiret], Smooth Rockcress. N, +
- *Brassica rapa* L. var. *rapa* [*B. rapa* L.], Turnip. E

Capsella bursa-pastoris (L.) Medik., Shepherd's Purse. E

- *Cardamine angustata* O.E. Schulz [*Dentaria heterophylla* Nutt.], Slender Toothwort. N, +
- *Cardamine bulbosa* (Schreb. ex Muhl.) BSP. [*C. bulbosa* (Schreb.) BSP.], Bulbous Bittercress. N
- *Cardamine concatenata* (Michx.) O. Schwarz [*Dentaria laciniata* Muhl.], Cutleaf Toothwort. N, +
- *Cardamine diphylla* (Michx.) Wood [*Dentaria diphylla* Michx.], Two-leaved Toothwort. N, +
- *Cardamine hirsuta* L., Hairy Bittercress. E
- *Cardamine parviflora* L. var. *arenicola* (Britt.) O.E. Schulz [*C. arenicola* Britt.], Small-flowered Bittercress. N, □+
- *Cardamine pensylvanica* Muhl. ex Willd. [*C. pensylvanica* Muhl.], Pennsylvania Bittercress. N
- *Draba verna* L., Whitlow-grass. E

Erysimum cheiranthoides L., Wormseed Mustard. E

- *Hesperis matronalis* L., Dame's Rocket. E
- *Lepidium campestre* (L.) R. Br., Field Pepperwort. E

Lepidium densiflorum Schrad., Prairie Pepperweed. I

Lepidium virginicum L. ssp. *virginicum* [*L. virginicum* L.], Wild Peppergrass. N

Lunaria annua L. [not cited], Money-plant. E

Nasturtium officinale W.T. Aiton, Watercress. I

Rorippa palustris (L.) Bess. ssp. *palustris* [*R. islandica* (Oeder) Borbás var. *fernaldiana* Butt. & Abbe], Common Yellow Cress. N

Sinapsis arvensis L. [*Brassica kaber* (DC.) L.C. Wheeler], Charlock. E

Sisymbrium altissimum L., Tumble Mustard. E

Sisymbrium officinale (L.) Scop., Hedge Mustard. E

Thlaspi alliaceum L. [not cited], Garlic Pennycress. E

Thlaspi arvense L., Field Pennycress. E

Campanulaceae (Bellflower family)

Campanula divaricata Michx., Southern Harebell. N

- *Campanulastrum americanum* (L.) Small [*Campanula americana* L.], Tall Bellflower. N
- *Lobelia cardinalis* L. var. *cardinalis* [*L. cardinalis* L.], Cardinal-flower. N
- *Lobelia inflata* L., Indian-tobacco. N
- *Lobelia puberula* Michx., Downy Lobelia. N, +
- *Lobelia siphilitica* L., Great Blue Lobelia. N
- *Lobelia spicata* Lam., Spiked Lobelia. N

Palustricodendron aparinoides (Pursh) Morin var. *aparinoides* [*Campanula aparinoides* Pursh], Marsh Bellflower. N

• *Triodanis perfoliata* (L.) Nieuwl. [*Specularia perfoliata* (L.) A. DC.], Venus's Looking Glass. N

Cannabaceae (Hops family)

• *Celtis occidentalis* L., Northern Hackberry. N

Humulus lupulus L. var. *lupuloides* E. Small [*H. lupulus* L.], European Hops. E

Caprifoliaceae (Honeysuckle family)

Lonicera canadensis Bartr. ex Marsh. [*L. canadensis* Marsh], American Fly-honeysuckle. N T

• *Lonicera japonica* Thunb., Japanese Honeysuckle. E

• *Lonicera morrowii* A. Gray, Morrow's Honeysuckle. E

Lonicera tartarica L., Tartarian Honeysuckle. E

Lonicera ×bella Zabel [not cited], Pretty Honeysuckle. E (= *morrowii* × *tartarica*)

Symphoricarpos albus (L.) Blake var. *albus* [*S. albus* (L.) Blake], Common Snowberry. N T

Symphoricarpos orbiculatus Moench, Coralberry. N

• *Triosteum aurantiacum* Bickn. var. *aurantiacum* [*T. aurantiacum* Bickn.], Horse-gentian. N

Caryophyllaceae (Pink family)

Agrostemma githago L. var. *githago* [*A. githago* L.], Corn-cockle. E

Arenaria serpyllifolia L., Large Thyme-leaved Sandwort. E

Atocion armeria (L.) Raf. [*Silene armeria* L.], Sweet William Catchfly. E

• *Cerastium fontanum* Baumg. ssp. *vulgare* (Hartman) Greuter & Burdet [*C. vulgatum* L.], Common Mouse-ear Chickweed. E

• *Dianthus armeria* L. ssp. *armeria* [*D. armeria* L.], Deptford Pink. E

• *Paronychia canadensis* (L.) Wood, Canada Whitlow-wort. N, +

Paronychia montana (Small) Pax & K. Hoffm. [*P. montana* Pax & K. Hoffm.], Shale-barren Whitlow-wort. N

• *Sagina procumbens* L., Northern Pearlwort. A, o

• *Saponaria officinalis* L., Soapwort. E

Silene antirrhina L., Sleepy Catchfly. N

• *Silene caroliniana* Walt. var. *pensylvanica* (Michx.) Fern. [*S. pensylvanica* Michx.], Northern Wild Pink. N

• *Silene caroliniana* Walt. var. *wherryi* (Small) Fern. [not cited], Wild Pink. N T

Silene latifolia Poir. [*Lychnis alba* P. Mill.], White Campion. E

Silene noctiflora L., Night Flowering Catchfly. E

• *Silene stellata* (L.) Aiton, Starry Campion. N

Silene virginica L. var. *virginica* [*S. virginica* L.], Fire Pink. N

Silene vulgaris (Moench) Garcke [*S. cucubalus* L.], Bladder Campion. E

• *Stellaria aquatica* (L.) Scopoli [*Myosoton aquaticum* (L.) Moench], Water Chickweed. E, o+

• *Stellaria graminea* L., Common Stitchwort. E, +

• *Stellaria longifolia* Muhl., Longleaf Stitchwort. N

• *Stellaria media* (L.) Vill., Common Chickweed. E

• *Stellaria pubera* Michx., Giant or Star Chickweed. N

Celastraceae (Bittersweet family)

• *Celastrus orbiculatus* Thunb. [not cited], Oriental Bittersweet. E

Euonymus atropurpureus Jacq. var. *atropurpureus* [*E. atropurpureus* L.], Burning Bush. N

Ceratophyllaceae (Hornwort family)

• *Ceratophyllum demersum* L.; Hornwort, Coontail. N, o□

Cervantesiaceae (Sandalwood family)

Pyrularia pubera Michx., Buffalnut. N

Chenopodiaceae (Goosefoot family)

Atriplex prostrata Boucher ex DC. [*A. patula* L. var. *hastata* (L.) A. Gray], Thinleaf Orach. E

Chenopodium simplex (Torr.) S. Fuentes [*Chenopodium gigantospermum* Aellen], Mapleleaf Goosefoot. N
Chenopodium album L., Lamb's-quarters. E
Salsola tragus L. [*Salsola kali* L.], Russian Thistle. E

Cistaceae (Rockrose family)

Crocanthemum bicknellii (Fern.) Janchen [not cited], Hoary Frostweed. N
Lechea racemulosa Michx., Appalachian Pinweed. N

Convolvulaceae (Morning Glory family)

Convolvulus americanus (Sims) Greene [not cited], Northeastern Bindweed. N
Convolvulus sp. undetermined [*C. sepium* L. var. *sepium*], Hedge Bindweed. E (W taxonomy unresolved)
Convolvulus spithameus L., Low Bindweed. N
Convolvulus stans Michx. [*C. purshianus* Wherry], Shale Bindweed. N
Convolvulus species 2 [=appalachianus] [not cited], Appalachian Bindweed. N
• *Convolvulus species 4* [=angulata] [*C. sepium* L. var. *repens* (L.) A. Gray], Northwestern Bindweed. N, □
Cuscuta epithymum L. [*C. epithymum* Murr.], Clover Dodder. E
• *Cuscuta gronovii* Willd. ex Roemer & J.A. Schultes [*C. gronovii* Willd.], Common Dodder. N, +
Cuscuta indecora Choisy, Pretty Dodder. A T
Cuscuta pentagona Engelm. [*C. pentagona* Engelm., *C. campestris* Yuncker], Five-angled Dodder. N
• *Cuscuta rostrata* Shuttlw., Beaked Dodder. N T

Cornaceae (Dogwood family)

• *Benthamidia florida* (L.) Spach [*Cornus florida* L.], Flowering Dogwood. N
Chamaepericlymenium canadensis (L.) Ascherson & Graebner [*Cornus canadensis* L.], Bunchberry. N T
• *Swida alternifolia* (L. f.) Small [*Cornus alternifolia* L. f.], Alternate-leaved Dogwood. N
• *Swida amomum* (P. Mill.) Small [*Cornus amomum* P. Mill.], Silky Dogwood. N, +
Swida obliqua (Raf.) Moldenke [*Cornus obliqua* Raf.], Pale or Silky Dogwood. N
Swida racemosa (Lam.) Moldenke [*Cornus racemosa* Lam.], Northern Swamp Dogwood. N
Swida sericea (L.) Holub. [*Cornus stolonifera* Michx.], Red-osier Dogwood. I

Crassulaceae (Stonecrop family)

Hylotelephium erythrostictum (Miq.) H. Ohba. [not cited], Garden Orpine. E
• *Sedum glaucophyllum* R.T. Clausen, Cliff Stonecrop. N
• *Sedum sarmentosum* Bunge, Stringy Stonecrop. E
• *Sedum ternatum* Michx., Whorled Stonecrop. N

Cucurbitaceae (Gourd family)

• *Echinocystis lobata* (Michx.) Torr. & A. Gray, Wild-cucumber. N
Sicyos angulatus L., Bur-cucumber. N

Diapensiaceae (Diapensia family)

Galax urceolata (Poiret) Brummitt [*G. aphylla* L.], Galax. N

Diervillaceae (Bush-honeysuckle family)

Diervilla lonicera P. Mill., Northern Bush-honeysuckle. N

Dipsacaceae (Teasel family)

• *Dipsacus fullonum* L. [*D. sylvestris* Huds.], Common Teasel. E

Droseraceae (Sundew family)

• *Drosera rotundifolia* L., Roundleaf Sundew. N T

Elaeagnaceae (Oleaster family)

- *Elaeagnus umbellata* Thunb., Autumn Olive. E

Ericaceae (Heath family)

- *Andromeda polifolia* L. var. *latifolia* Aiton [*A. glaucophylla* Link.], Bog-rosemary. N T
- *Chimaphila maculata* (L.) Pursh [*Chimaphila maculata* (L.) A. Gray]; Pipsissewa, Spotted Wintergreen. N
- Chimaphila umbellata* (L.) Bart. ssp. *cisatlantica* (Blake) Hultén; Pipsissewa, Prince's-pine. N
- *Epigaea repens* L., Trailing Arbutus. N
- *Gaultheria hispidula* (L.) Muhl. ex Bigelow [*G. hispidula* (L.) Bigelow], Creeping Snowberry. N T, +
- *Gaultheria procumbens* L.; Teaberry, Wintergreen. N
- *Gaylussacia baccata* (Wang.) K. Koch, Black Huckleberry. N
- Hypopitys lanuginosa* (Michx.) Small [*Monotropa hypopithys* L.], Appalachian Red Pinesap. N
- *Kalmia latifolia* L., Mountain Laurel. N
- Lyonia ligustrina* (L.) DC. var. *ligustrina* [*L. ligustrina* (L.) DC.], Northern Maleberry. N
- *Monotropa uniflora* L., Indian Pipes. N
- Oxydendrum arboreum* (L.) DC., Sourwood. N
- Pieris floribunda* (Pursh) Benth. & Hooker f., Evergreen Fetterbush. N T
- *Pyrola americana* Sweet [*P. rotundifolia* L. var. *rotundifolia* (Sweet) Fern.], Round-leaved American Shinleaf. N
- Pyrola elliptica* Nutt., Elliptic Shinleaf. N
- Rhododendron arborescens* (Pursh) Torr., Sweet Azalea. N
- *Rhododendron calendulaceum* (Michx.) Torr., Flame Azalea. N
- *Rhododendron catawbiense* Michx.; Catawba Rhododendron, Mountain Rosebay. N
- *Rhododendron maximum* L.; Great Laurel, White Rosebay. N
- *Rhododendron periclymenoides* (Michx.) Shinners [*R. nudiflorum* (L.) Torr.], Pinxterflower. N
- *Rhododendron pilosum* (Michx.) Craven [*Menziesia pilosa* (Michx.) Juss.], Minniebush. N
- Rhododendron prinophyllum* (Small) Millais [*R. roseum* (Loesel.) Rehd.], Roseshell Azalea. N
- Rhododendron viscosum* (L.) Torr. var. *viscosum* [*R. viscosum* (L.) Torr.], Clammy or Swamp Azalea. N T
- Vaccinium angustifolium* Aiton, Northern Early Lowbush Blueberry. N
- *Vaccinium erythrocarpum* Michx.; Mountain Cranberry, Bearberry. N
- *Vaccinium macrocarpon* Aiton, Large Cranberry. N T
- *Vaccinium oxycoccos* L., Small Cranberry. N T
- *Vaccinium pallidum* Aiton, Late Lowbush or Dryland Blueberry. N, +
- *Vaccinium stamineum* L. var. *stamineum* [*V. stamineum* L.], Common Deerberry. N

Euphorbiaceae (Spurge family)

- *Acalypha gracilens* A. Gray, Shortleaf Copperleaf. N, ○□
- Acalypha rhomboidea* Raf., Common Copperleaf. N
- Acalypha virginica* L. [*A. virginica* Raf.], Virginia Copperleaf. N
- Euphorbia corollata* L., Eastern Flowering Spurge. N
- Euphorbia cyparissias* L., Cypress Spurge. E
- Euphorbia dentata* Michx., Toothed Spurge. N
- Euphorbia humistrata* Engelm., Spreading Spurge. A
- Euphorbia lathyris* L., Caper Spurge. E
- Euphorbia maculata* L. [*E. supina* Raf.], Spotted Spurge. N
- Euphorbia nutans* Lagasca y Segura [*E. maculata* L. (misapplied)], Eyebane. N
- Euphorbia purpurea* (Raf.) Fern., Glade Spurge. N T

Fabaceae (Legume family) [Leguminosae]

- *Amorpha fruticosa* L., Tall Indigo-bush. N T
- *Amphicarpaea bracteata* (L.) Fern. [*Amphicarpa bracteata* (L.) Fern.], Hog-peanut. N (var. in W not determined)
- Apios americana* Medikus, Common Groundnut. N
- *Baptisia tinctoria* (L.) Ventenat [*B. tinctoria* (L.) R. Br.]; Wild Indigo, Rattleweed. N
- *Cercis canadensis* L., Eastern Redbud. N, ○□

Chamaecrista nictitans (L.) Moench var. *nictitans* [*Cassia nictitans* L.], Common Sensitive Plant. N
Desmodium canadense (L.) DC., Showy Tick-trefoil. N
Desmodium perplexum Schubert, Perplexing Tick-trefoil. N
Desmodium rotundifolium DC., Roundleaf Tick-trefoil. N
 • *Gleditsia triacanthos* L., Honey Locust. N, ◻
 • *Hylodesmium glutinosum* (Muhl. ex Willd.) H. Ohashi & R.R. Mill. [*Desmodium glutinosum* (Muhl.) Wood], Heartleaf Tick-trefoil. N, +
Hylodesmium nudiflorum (L.) H. Ohashi & R.R. Mill. [*Desmodium nudiflorum* (L.) DC.], Naked Tick-trefoil. N
Kummerowia stipulacea (Maxim.) Makino [*Lespedeza stipulacea* Maxim.], Korean Lespedeza. E
Kummerowia striata (Thunb.) Schindl. [*Lespedeza striata* (Thunb.) H. & A.], Japanese Bushclover. E
 • *Lathyrus latifolius* L., Everlasting Pea. E
Lathyrus venosus Muhl. ex Willd. [*L. venosus* Muhl.], Forest Pea. N
 • *Lespedeza cuneata* (Dum.-Cours.) G. Don [*L. cuneata* Michx.], Sericea Lespedeza. E
Lespedeza frutescens (L.) Hornemann [*L. violacea* (L.) Pers.], Violet Lespedeza. N
Lespedeza hirta (L.) Hornem. var. *hirta* [*L. hirta* (L.) Hornem.], Hairy Lespedeza. N
Lespedeza procumbens Michx., Trailing Lespedeza. N
Lespedeza repens (L.) Bart., Creeping Lespedeza. N
Lespedeza violacea (L.) Pers. [*L. intermedia* (S. Wats.) Britton], Violet Lespedeza. N
Lespedeza virginica (L.) Britt., Virginia Lespedeza. N
 • *Lotus corniculatus* L., Birdsfoot Trefoil. E
Lupinus perennis L. ssp. *perennis* [*L. perennis* L.], Northern Sundial Lupine. N T
Medicago lupulina L., Black Medick. E
Medicago sativa L., Alfalfa. E
 • *Melilotus albus* Medikus [*M. alba* Desr.], White Sweetclover. E
 • *Robinia hispida* L. var. *hispida* [*R. hispida* L.], Common Bristly Locust. I, ◻+
 • *Robinia pseudoacacia* L., Black Locust. N
 • *Securigera varia* (L.) Lassen [*Coronilla varia* L.], Crown-vetch. E
Trifolium aureum Pollich [*T. agrarium* L.], Low Hop Clover. E
 • *Trifolium campestre* Schreb., Hop Clover. E
 • *Trifolium dubium* Sibth., Small Hop Clover. E
 • *Trifolium pratense* L., Red Clover. E
 • *Trifolium repens* L., White Clover. E
Trifolium virginicum Small, Kates Mountain or Shale-barren Clover. N T
 • *Vicia americana* Willd. var. *americana* [*V. americana* Muhl.], American Vetch. N
 • *Vicia caroliniana* Walt., Wood Vetch. N
Vicia hirsuta (L.) S.F. Gray [not cited], Tiny Vetch. E^h
Vicia sativa L. ssp. *nigra* (L.) Ehrh. [*V. angustifolia* Reichard], Common or Narrowleaf Vetch. E
 • *Vicia villosa* Roth ssp. *varia* (Host) Corb. [*V. dasycarpa* Ten.], Winter Vetch. E

Fagaceae (Beech family)

• *Castanea dentata* (Marsh.) Borkh., American Chestnut. N
 • *Castanea mollissima* Blume [not cited], Chinese Chestnut. E^p, +
Castanea pumila (L.) P. Mill., Chinquapin. N
 • *Fagus grandifolia* Ehrh. var. *caroliniana* (Loudon) Fern. & Rehder [*F. grandifolia* Ehrh.], American or White Beech. N
 • *Quercus alba* L., White Oak. N
 • *Quercus bicolor* Willd., Swamp White Oak. N, +
 • *Quercus coccinea* Muenchh., Scarlet Oak. N, ◻
 • *Quercus ilicifolia* Wangenh., Bear or Scrub Oak. N
Quercus imbricaria Michx., Shingle Oak. N
 • *Quercus montana* Willd., [*Q. prinus* L.], Chestnut or Rock Oak. N
 • *Quercus muehlenbergii* Engelm., Chinquapin or Yellow Oak. N, ◻+
Quercus palustris Muenchh., Pin Oak. N
 • *Quercus rubra* L. var. *rubra*, Red Oak. N

- *Quercus rubra* L. var. *ambigua* (A. Gray) Fernald [var. *borealis* (Michx. f.) Farw.], Gray Oak. N, + (not cited in H)
- *Quercus velutina* Lam., Black Oak. N

Fumariaceae (Fumitory family)

Capnoides sempervirens (L.) Borkhausen [*Corydalis sempervirens* (L.) Pers.], Pink Corydalis. N

- *Dicentra canadensis* (Goldie) Walpers, Squirrel Corn. N, +
 - *Dicentra cucullaria* (L.) Bernhardt, Dutchman's Britches. N, +
- Dicentra eximia* (Ker-Gawler) Torr. [*D. eximia* (Ker) Torr., Wild Bleeding Heart. N

Gentianaceae (Gentian family)

Bartonia virginica (L.) BSP., Yellow Bartonia. N

Centaureum erythraea Raf., European Centaury. E^h

Gentiana alba Muhl. ex Nutt. [*G. alba* Muhl.], Pale Gentian. N T

- *Gentiana clausa* Raf., Meadow Closed Gentian. N
- Gentiana decora* Pollard, Showy Gentian. N
- *Gentiana saponaria* L., Soapwort Gentian. N, +
- *Gentianella quinquefolia* (L.) Small var. *quinquefolia* [*Gentiana quinquefolia* L.], Appalachian Gentianella. N, +

Geraniaceae (Geranium family)

Geranium carolinianum L., Carolina Cranesbill. N

- *Geranium columbinum* L., Long-stalked Cranesbill. E, □ (based on iNaturalist image)
 - *Geranium maculatum* L., Wild Geranium. N
- Geranium molle* L., Dove's Foot Cranesbill. E
- Geranium pusillum* L., Small-flowered Cranesbill. E
- *Geranium robertianum* L., Herb Robert. N, ○□

Grossulariaceae (Currant family)

Ribes aureum Pursh var. *villosum* DC. [not cited], Golden Currant. E

- *Ribes cynosbati* L., Prickly Gooseberry. N, +
- *Ribes glandulosum* Grauer, Skunk Currant. N, +
- *Ribes lacustre* (Pers.) Poiret, Bristly Black Currant. N T, +

Ribes rotundifolium Michx., Appalachian Gooseberry. N

Ribes triste Pallas, Swamp Red Currant. N T

Haloragaceae (Water-milfoil family)

Proserpinaca palustris L. var. *crebra* Fern. & Grisc., Common Mermaid-weed. N

Hamamelidaceae (Witch-hazel family)

- *Hamamelis virginiana* var. *virginiana* [*H. virginiana* L.], Witch-hazel. N

Hippocastanaceae (Horse-chestnut family)

- *Aesculus flava* Solander [*A. octandra* Marsh], Yellow Buckeye. N

Hydrangeaceae (Hydrangea family)

- *Hydrangea arborescens* L., Wild or Smooth Hydrangea. N

Hydrastidaceae (Goldenseal family)

- *Hydrastis canadensis* L., Goldenseal. N

Hydrophyllaceae (Waterleaf family)

- *Hydrophyllum canadense* L., Canadian or Broad-leaved Waterleaf. N
- *Hydrophyllum virginianum* L. var. *virginianum* [*H. virginianum* L.], Virginia Waterleaf. N
- *Phacelia dubia* (L.) Trel. var. *dubia* [*P. dubia* (L.) Trel.], Appalachian Phacelia. N

Hypericaceae (St. John's-wort family) [Guttiferae]

Hypericum canadense L., Canada St. John's-wort. N

- *Hypericum densiflorum* Pursh var. *densiflorum* [*H. densiflorum* Pursh], Mountain Bushy St. John's-wort. N

Hypericum ellipticum Hooker, Pale St. John's-wort. N

Hypericum gentianoides (L.) BSP., Pineweed. N

- *Hypericum mutilum* L. var. *mutilum* [*H. mutilum* L.], Common Dwarf St. John's-wort. N

- *Hypericum perforatum* L., European St. John's-wort. E

- *Hypericum prolificum* L., Shrubby St. John's-wort. N, +

- *Hypericum punctatum* Lam., Spotted St. John's-wort. N

Triadenum fraseri (Spach) Gleason [*H. virginicum* L. var. *fraseri* (Spach) Fern.], Fraser's Marsh St. John's-wort. N

- *Triadenum virginicum* (L.) Raf. [*Hypericum virginicum* L.], Common Marsh St. John's-wort. N

Juglandaceae (Walnut family)

- *Carya cordiformis* (Wang.) K. Koch, Bitternut Hickory. N, +

- *Carya ovalis* (Wang.) Sarg., Red Pignut Hickory. N, ○□

- *Carya ovata* (Mill.) K. Koch, Shagbark Hickory. N

- *Juglans cinerea* L., Butternut, White Walnut. N T, +

- *Juglans nigra* L., Black Walnut. N

Lamiaceae (Mint family) [Labiatae]

- *Agastache scrophulariifolia* (Willd.) Kuntze [*A. scrophulariaefolia* (Willd.) Ktze.], Purple Giant-hyssop. N

- *Blephilia hirsuta* (Pursh) Benth., Hairy Woodmint. N, +

- *Clinopodium vulgare* L. [*Satureja vulgaris* (L.) Fritsch], Wild Basil. N, +

- *Collinsonia canadensis* L., Richweed. N

- *Galeopsis bifida* Boenn. [*G. tetrahit* L. var. *bifida* (Boenn.) Lej. & Court.], Bifid Hemp Nettle. E, +

- *Glechoma hederacea* L., Ground-ivy. E

Hedeoma pulegioides (L.) Pers., American Pennyroyal. N

Lamium amplexicaule L. var. *amplexicaule* [*L. amplexicaule* L.]; Henbit, Henbit Dead-nettle. E

- *Lamium purpureum* L., Purple Dead-nettle. E

Leonurus cardiaca L., Motherwort. E

- *Lycopus americanus* Muhl. ex W. Bart. [*L. americanus* Muhl.], American Bugleweed. N

Lycopus uniflorus Michx., Northern Bugleweed. N

- *Lycopus virginicus* L., Virginia Bugleweed. N

Marrubium vulgare L., Common Horehound. E

- *Meehania cordata* (Nutt.) Britt., Meehania. N, +

Melissa officinalis L., Lemon Balm. E

Mentha aquatica L. var. *aquatica* [*M. aquatica* L.], Water Mint. E^h

- *Mentha arvensis* L. ssp. *arvensis* [*M. arvensis* L.], Field Mint. N, +

- *Mentha spicata* L. var. *spicata* [*M. spicata* L.], Spearmint. E

Mentha ×piperita L. (pro. sp.) var. *piperita* [*M. piperita* L.], Peppermint. E (= *aquatica* × *spicata*)

Mentha ×rotundifolia (L.) Huds. (pro. sp.) [*M. rotundifolia* (L.) Huds.], Roundleaf Mint. E

Monarda clinopodia L., Basil Beebalm, White Bergamot. N

- *Monarda didyma* L., Scarlet Beebalm, Oswego Tea. N

- *Monarda fistulosa* L. var. *fistulosa*, Appalachian Bergamot. N, +

- *Monarda fistulosa* (L.) var. *mollis* (L.) Benth., Eastern Bergamot. N, +

- *Monarda media* Willd., Purple Beebalm. N, ○+

Nepeta cataria L., Catnip. E

Physostegia virginiana (L.) Benth. ssp. *virginiana* [*Dracocephalum virginianum* L.]; Dragon Head, Northern Obedient-plant. N

- *Prunella vulgaris* L. var. *vulgaris* [*P. vulgaris* L.]; Heal-all, Eurasian Self-heal. E, ○+

Pycnanthemum incanum (L.) Michx. var. *incanum* [*P. incanum* (L.) Michx.], Hoary Mountain-mint. N

Pycnanthemum muticum (Michx.) Pers., Blunt Mountain-mint. N T (var. not determined, but probably var. 1 in W)

- *Pycnanthemum pycnanthemoides* (Leavenw.) Fern. var. *viridifolium* Fern. [*P. viridifolium* (Fern.) Grant & Epling], Southern Mountain-mint. N, ○

Pycnanthemum tenuifolium Schrad. [*P. flexuosum* (Walt.) BSP (misapplied)], Slender Mountain Mint. N

• *Pycnanthemum verticillatum* (Michx.) Pers., Whorled Mountain-mint. N, +

Pycnanthemum virginianum (L.) T. Dur. & B.D. Jackson ex B.L. Robinson & Fern. [*P. virginianum* (L.) T. Dur. & B.D. Jackson],
Virginia Mountain-mint. N

Scutellaria elliptica Muhl. ex Sprengel var. *hirsuta* (Short & Peter) Fern. [*S. elliptica* Muhl. var. *hirsuta* (Short) Fern.], Hairy Skullcap. N

Scutellaria lateriflora L., Tall Blue Skullcap. N

Scutellaria saxatilis Riddell, Rock Skullcap. N T

Stachys nuttallii Shuttleworth ex Bentham [*S. nuttallii* Shuttleworth, *S. riddellii* House], Nuttall's Hedge-nettle. N, +

Stachys eplingii J. Nelson [not cited], Epling's Hedge-nettle. N T

Stachys germanica L., Downy Woundwort. E^h

Teucrium canadense L. var. *canadense* [*T. canadense* L.], Common Germander. N

Trichostema brachiatum L. [*Isanthus brachiatus* (L.) BSP], False Pennyroyal. N

Linaceae (Flax family)

• *Linum striatum* Walt., Ridged Yellow Flax. N, +

Linum usitatissimum L., Common Flax. N

Linnaeaceae (Twinflower family)

Linnaea borealis L. var. *longiflora* Torr. [*L. americana* Forbes], American Twinflower. N

Linderniaceae (False-pimpernel family)

Lindernia dubia (L.) Pennell var. *dubia* [*L. dubia* (L.) Pennell], Yellow-seed False Pimpernel. N

Lythraceae (Loosestrife family)

Cuphea viscosissima Jacq. [*C. petiolata* (L.) Koehne]; Tarweed, Blue Waxweed. N

Malvaceae (Mallow family)

Alcea rosea L. [*Althaea rosea* L.], Hollyhock. E

Hibiscus syriacus L., Rose-of-Sharon. E

Malva moschata L., Musk Mallow. E

Malva neglecta Wallr., Common Mallow. E

Malva verticillata L., Whorled Mallow. E^h

• *Tilia americana* L. var. *americana* [*T. americana* L.], Northern Basswood. N

• *Tilia americana* L. var. *heterophylla* (Vent.) Loud. [*T. heterophylla* Vent.], Mountain or White Basswood. N, +

Melastomaceae (Melastome family)

Rhexia virginica L., Virginia Meadow Beauty. N

Menispermaceae (Moonseed family)

• *Menispermum canadense* L., Moonseed. N, ◻

Menyanthaceae (Buckbean family)

Menyanthes trifoliata L., Buckbean. N T

Molluginaceae (Carpetweed family)

Mollugo verticillata L., Carpetweed. E

Montiaceae (Montia family)

• *Claytonia caroliniana* Michx., Carolina Spring Beauty. N, +

• *Claytonia virginica* L. var. *virginica* [*C. virginica* L.], Eastern Spring Beauty. N, ◻+

Moraceae (Mulberry family)

• *Maclura pomifera* (Raf.) Schneider, Osage-orange. I, ◻

Myricaceae (Bayberry family)

Comptonia peregrina (L.) Coult., Sweet-fern. N

Nyssaceae (Tupelo family)

- *Nyssa sylvatica* Marsh., Black Gum. N

Oleaceae (Olive family)

- *Fraxinus americana* L., White Ash. N
- Fraxinus nigra* Marsh., Black Ash. N T
- *Fraxinus pennsylvanica* Marsh., Green Ash. N, o
- *Ligustrum obtusifolium* Sieb. & Zucc. var. *obtusifolium* [not cited], Border Privet. E, o+
- *Ligustrum vulgare* L., Common Privet. E, o+

Onagraceae (Evening-primrose family)

- *Chamerion angustifolium* (L.) Scopoli ssp. *circumvagum* (Mosquin) Moldenke [*Epilobium angustifolium* L.], Fireweed. N
- Circaea alpina* L. ssp. *alpina* [C. *alpina* L.], Alpine Enchanter's-nightshade. N
- *Circaea canadensis* (L.) Hill [C. *quadrisulcata* (Maxim.) Franchet & Savatier var. *canadensis* (L.) Hara], Canada Enchanter's Nightshade. N
- Epilobium ciliatum* Raf. ssp. *ciliatum* [E. *glandulosum* Lehm. var. *adenocaulon* (Hausk.) Fern.], American Willow-herb. N
- *Epilobium coloratum* Biehler, Bronze Willow-herb. N
- *Epilobium leptophyllum* Raf., Narrow-leaf Willow-herb. N
- Ludwigia alternifolia* L., Alternate-leaf Seedbox. N
- *Ludwigia palustris* (L.) Ell., Common Water-purslane. N
- *Oenothera biennis* L., Common Evening-primrose. N
- *Oenothera fruticosa* L. var. *fruticosa* [O. *fruticosa* L.], Southern Sundrops. N, +
- Oenothera gaura* W.L. Wagner & Hoch [*Gaura biennis* L.], Biennial Gaura. N
- Oenothera laciniata* Hill, Cutleaf Evening-primrose. N
- Oenothera parviflora* L., Small-flowered Evening-primrose. N
- *Oenothera perennis* L., Little Sundrops. N

Orobanchaceae (Broomrape family) (includes much of traditional Scrophulariaceae)

- Agalinis tenuifolia* (Vahl) Raf. [*Gerardia tenuifolia* Vahl], Slenderleaf Agalinis. N
- *Aphyllon uniflorum* (L.) Torr. & A. Gray [*Orobanche uniflora* L.]; One-flowered Broomrape, Cancer-root. N
 - Aureolaria flava* (L.) Farw. [*Gerardia flava* L.], Smooth Yellow Foxglove. N
 - *Aureolaria levigata* (Raf.) Raf. [*Gerardia laevigata* Raf.], Entire-leaved Yellow Foxglove. N
 - Aureolaria pedicularia* (L.) Raf. ex Pennell [*Gerardia pedicularia* L. var. *intercedens* (Pennell) Fern., *G. pedicularia* L. var. *typica*], Fern-leaved Yellow Foxglove. N
 - *Aureolaria virginica* (L.) Pennell [*Gerardia virginica* (L.) BSP], Downy Yellow Foxglove. N, +
 - Castilleja coccinea* (L.) Sprengel, Eastern Paint-brush. N T
 - *Conopholis americana* (L.) Wallr.; Squawroot, Bearcorn. N
 - *Epifagus virginiana* (L.) Bart., Beechdrops. N
 - *Melampyrum lineare* Desrousseaux [*M. lineare* Desr. var. *latifolium* Bart.], Cow-wheat. N, +
 - *Pedicularis canadensis* L.; Eastern Lousewort, Wood-betony. N
 - Pedicularis lanceolata* Michx., Swamp Lousewort. N T

Oxalidaceae (Wood-sorrel family)

- *Oxalis corniculata* L., Creeping Lady's-sorrel. E, o+
- Oxalis dillenii* Jacq. [O. *filipes* Small], Southern Yellow Wood-sorrel. N
- *Oxalis montana* Raf., American Wood-sorrel. N
- *Oxalis stricta* L. [O. *europaea* Jord.], Common Yellow Wood-sorrel. N
- Oxalis violacea* L., Violet Wood-sorrel. N

Papaveraceae (Poppy family)

- *Chelidonium majus* L., Greater Celandine. E, □+
- *Sanguinaria canadensis* L., Bloodroot. N

Parnassiaceae (Grass-of-Parnassus family)

Parnassia asarifolia Vent., Appalachian Grass-of-Parnassus. N T

Paulowniaceae (Paulownia family)

- *Paulownia tomentosa* (Thunb.) Sieb. & Zucc. ex Steudel [*P. tomentosa* (Thunb.) Steud.], Princess Tree. E, ○

Penthoraceae (Ditch-stonecrop family)

Penthorum sedoides L., Ditch-stonecrop. N

Phrymaceae (Lopseed family)

Erythranthe moschata (Douglas ex Lindl.) Nesom [*M. moschatus* Douglas], Muskflower. N

- *Mimulus ringens* L. var. *ringens* [*M. ringens* L.], Allegheny Monkey-flower. N
- *Phryma leptostachya* L., American Lopseed. N, +

Phytolaccaceae (Pokeweed family)

- *Phytolacca americana* L., Pokeweed. N

Plantaginaceae (Plantain family) (includes much of traditional Scrophulariaceae)

- *Callitriche heterophylla* Pursh var. *heterophylla* [*C. heterophylla* Pursh], Common Water-starwort. N, +
- Callitriche palustris* L., Swamp Water-starwort. N
- *Callitriche terrestris* Raf. [*C. deflexa* A. Braun], Terrestrial Water-starwort. N
- Chaenorrhinum minus* (L.) Lange ssp. *minus*, Dwarf Snapdragon. E
- *Chelone glabra* L., White Turtlehead. N
- *Gratiola neglecta* Torr., Mud-hyssop. N
- Gratiola virginiana* L., Round-fruit Hedge-hyssop. N
- Linaria vulgaris* Mill.; Yellow Toadflax, Butter-and-eggs. E
- *Penstemon canescens* (Britt.) Britt. [*P. canescens* Britt.], Gray Beardtongue. N
- *Penstemon digitalis* Nutt. ex Sims [*P. digitalis* Nutt.], Tall White Beardtongue. N, ○□+
- Penstemon hirsutus* (L.) Willd., Hairy Beardtongue. N
- Penstemon laevigatus* Aiton, Smooth Beardtongue. N
- Plantago aristata* Michx., Bracted Plantain. A
- *Plantago lanceolata* L., English Plantain. E
- Plantago major* L., Common Plantain. E
- *Plantago rugelii* Decaisne, [*P. rugelii* Dcne. var. *rugelii*], Broad-leaved Plantain. N
- Plantago virginica* L., Dwarf Plantain. N
- *Veronica americana* Schwein. ex Benth. [*V. americana* (Raf.) Schwein.]; American Brooklime, American Speedwell. N, +
- Veronica anagallis-aquatica* L., Water Speedwell. N
- *Veronica arvensis* L., Corn Speedwell. E
- *Veronica officinalis* L., Common Speedwell. E, +
- Veronica persica* Poir. [*V. persica* Poir. var. *persica*], Bird's-eye Speedwell. E
- *Veronica serpyllifolia* L. ssp. *serpyllifolia* [*V. serpyllifolia* L.], Thymeleaf Speedwell. E
- Veronicastrum virginicum* (L.) Farw., Culver's Root. N

Platanaceae (Plane-tree family)

- *Platanus occidentalis* L., Sycamore. N

Podostemaceae (Riverweed family)

- *Podostemum ceratophyllum* Michx.; Riverweed, Riffleweed. N T

Polemoniaceae (Jacob's-ladder family)

- *Phlox amplifolia* Britt., Broadleaf Phlox. N, +
- Phlox buckleyi* Wherry, Shale-barren Phlox. N T
- Phlox carolina* L. [not cited], Carolina Phlox. N
- Phlox divaricata* L. var. *divaricata* [*P. divaricata* L.], Eastern Blue Phlox. N
- *Phlox ovata* L., Mountain Phlox. N, □
- *Phlox maculata* L. ssp. *maculata* [*P. maculata* L.]; Wild Sweet William, Northern Meadow Phlox. N, +
- *Phlox paniculata* L., Fall or Garden Phlox. N
- *Phlox stolonifera* Sims, Creeping Phlox. N
- *Phlox subulata* L. [*P. subulata* L. var. *brittonii* (Small) Wherry]; Moss Pink, Moss Phlox. N, +
- *Polemonium vanbruntiae* Britt. [*P. van-bruntiae* Britt.], Jacob's Ladder. N T

Polygalaceae (Milkwort family)

- *Polygala sanguinea* L., Blood Milkwort. N
- Polygala senega* L., Seneca Snakeroot. N (var. in W not determined)
- *Polygaloides paucifolia* (Willd.) J.R. Abbott [*Polygala paucifolia* Willd.], Gaywings. N

Polygonaceae (Smartweed family)

- Duravia species 2* [*Polygonum tenue* Michx.], Slender Knotweed. N
- Eriogonum allenii* S. Wats. [*E. allenii* S. Wats.], Shale-barren Wild Buckwheat. N T
- *Fallopia cilinodis* Michx. [*Polygonum cilinode* Michx.], Fringed Climbing Buckwheat. N, +
- Fallopia convolvulus* (L.) A. Löve [*Polygonum convolvulus* L.], Black Bindweed. E
- *Fallopia cristata* (Engelm. & A. Gray) Holub [*Polygonum cristatum* Engelm. & A. Gray], Crested Climbing Buckwheat. N, +
- Persicaria amphibia* (L.) S.F. Gray ssp. *laevimarginata* (Hultén) Soják [*Polygonum coccineum* Muhl.], Water Smartweed. N
- Persicaria hydropiper* (L.) Opiz [*Polygonum hydropiper* L.], Common Smartweed. N
- *Persicaria longiseta* (de Bruijn) Kitagawa [*Polygonum cespitosum* Blume], Asiatic Long-bristled Smartweed. E
- Persicaria maculosa* S.F. Gray [*Polygonum persicaria* L.], Lady's-thumb. E
- Persicaria orientalis* (L.) Spach. [*Polygonum orientale* L.], Prince's Feather. E
- Persicaria pensylvanica* (L.) Gómez [*Polygonum pensylvanicum* L.], Pinkweed. N
- Persicaria punctata* (Elliott) Small [*Polygonum punctatum* L.], Dotted or Water Smartweed. N
- *Persicaria sagittata* (L.) Gross ex Nakai [*Polygonum sagittatum* L.], Arrowleaf Tearthumb. N
- *Persicaria virginiana* (L.) Gaertner [*Tovara virginiana* (L.) Raf.], Jumpseed. N
- Polygonum erectum* L., Erect Knotweed. N
- Reynoutria japonica* Houttuyn [*Polygonum cuspidatum* Sieb. & Zucc.], Japanese Knotweed. E
- Reynoutria sachalinense* (F. Schmidt ex Maxim.) Nakai [*Polygonum sachalinense* F. Schmidt], Giant Knotweed. E
- Rumex acetosella* L. ssp. *pyrenaicus* (Pourret ex Lapeyrouse) Akeroyd [*R. acetosella* L.], Sheep Sorrel. E
- Rumex crispus* L. ssp. *crispus* [*R. crispus* L.], Curly Dock. E
- *Rumex obtusifolius* L., Bitter or Broadleaf Dock. E
- Rumex pulcher* L., Fiddle Dock. E^h
- Rumex triangulivalvis* (Danser) Rechinger f. [*R. salicifolius* J.A. Weinm. var. *mexicanus* (Meisn.) C.L. Hitchc.], Willowleaf Dock. N

Portulacaceae (Purslane family)

- Portulaca oleracea* L., Common Purslane. E

Primulaceae (Primrose family)

- *Anagallis arvensis* L., Scarlet Pimpernel. E, O+
- *Lysimachia nummularia* L., Moneywort. E
- *Lysimachia quadrifolia* L., Whorled Loosestrife. N, +
- *Lysimachia terrestris* (L.) BSP.; Swamp Candles, Bog Loosestrife. N
- *Steironema ciliatum* (L.) Baudo [*Lysimachia ciliata* L.], Fringed Loosestrife. N, +
- Steironema lanceolatum* (Walt.) Gray [*Lysimachia lanceolata* Walt.], Lanceleaf Loosestrife. N
- *Trientalis borealis* Raf., Northern Starflower. N

Ranunculaceae (Buttercup family)

- *Aconitum reclinatum* A. Gray, White Monkshood. N T, +
- *Aconitum uncinatum* L., Eastern Blue Monkshood. N
- *Actaea pachypoda* Ell.; Dolls' Eyes, White Baneberry. N, +
- *Actaea podocarpa* DC. [*Cimicifuga americana* Michx.], Late Black Cohosh. N, +
- *Actaea racemosa* L. [*Cimicifuga racemosa* (L.) Nutt.], Common or Early Black Cohosh. N, +
- *Anemone lancifolia* Pursh, Lanceleaf Anemone. N, +
- *Anemone quinquefolia* L., Wood Anemone. N, +
- *Anemone virginiana* L. var. *virginiana* [*A. virginiana* L.], Thimbleweed. N, +
- *Aquilegia canadensis* L., Wild or Eastern Columbine. N
- *Caltha palustris* L. var. *palustris* [*C. palustris* L.], Marsh Marigold. N
- Clematis occidentalis* (Hornem.) DC. var. *occidentalis* [*C. verticillaris* DC.], Purple Clematis. N T
- Clematis terniflora* DC. [*C. dioiscoreifolia* Lévl. & Vaniot.], Sweet Autumn Clematis. E
- *Clematis virginiana* L., Virgin's-bower. N
- Coptis trifolia* (L.) Salisb. [*C. groenlandica* (Oeder) Fern.], Goldthread. N T
- Delphinium exaltatum* Aiton, Tall Larkspur. N T
- Delphinium tricorne* Michx., Dwarf Larkspur. N
- *Hepatica acutiloba* DC., Sharp-lobed Hepatica. N
- *Hepatica americana* (DC.) Ker-Gawler, Round-lobed Hepatica. N
- *Ranunculus abortivus* L., Kidneyleaf Buttercup. N
- *Ranunculus acris* L., Tall Buttercup. E
- *Ranunculus allegheniensis* Britt., Allegheny Buttercup. N, +
- *Ranunculus bulbosus* L., Bulbous Buttercup. E
- *Ranunculus hispidus* Michx. [*R. hispidus* Michx. var. *hispidus*], Hispid Buttercup. N, +
- *Ranunculus micranthus* Nutt., Small-flowered Crowfoot. N, o+
- Ranunculus pennsylvanicus* L. f., Bristly Buttercup. N T
- *Ranunculus recurvatus* Poir. var. *recurvatus*, Hooked Buttercup. N
- *Ranunculus septentrionalis* Poir. in Lam. [*R. septentrionalis* Poir.], Carolina Buttercup. N
- Thalictrum amphibolum* Greene [*T. revolutum* DC.], Skunk or Waxy Meadowrue. N
- Thalictrum coriaceum* (Britt.) Small, Leatherleaf Meadowrue. N
- *Thalictrum dioicum* L., Early Meadowrue. N
- *Thalictrum pubescens* Pursh [*T. polygamum* Muhl.], Common Tall Meadowrue. N
- *Thalictrum thalictroides* (L.) Eames & Boivin [*Anemonella thalictroides* (L.) Spach], Rue-anemone. N, o□+
- *Trautvetteria caroliniensis* (Walt.) Vail, Tassel-rue. N
- *Xanthorhiza simplicissima* Marsh., Yellowroot. N

Resedaceae (Mignonette family)

Reseda lutea L., Yellow Mignonette. E^h

Rhamnaceae (Buckthorn family)

- *Ceanothus americanus* L. var. *americanus* [*C. americanus* L.], New Jersey Tea. N
- Endotropis alnifolia* (L'Hér.) Hauenschild [*Rhamnus alnifolia* L'Hér.], Alder-leaved Buckthorn. N T

Rosaceae (Rose family)

- *Agrimonia gryposepala* Wallr., Common Agrimony. N
- *Agrimonia parviflora* Aiton, Small-flowered Agrimony. N
- Agrimonia pubescens* Wallr., Downy Agrimony. N
- Agrimonia rostellata* Wallr., Woodland Agrimony. N
- Agrimonia striata* Michx., Roadside Agrimony. N
- *Amelanchier arborea* (Michx. f.) Fern., Common or Downy Serviceberry. N
- *Amelanchier bartramiana* (Tausch) M. Roemer, Oblong-fruited Serviceberry. N T
- *Amelanchier laevis* Wieg., Smooth Serviceberry. N
- *Aronia arbutifolia* (L.) Pers. [*Pyrus arbutifolia* (L.) L. f.], Red Chokeberry. N

Aronia melanocarpa (Michx.) Elliott [*Pyrus melanocarpa* (Michx.) Willd.], Black Chokeberry. N

- *Aruncus dioicus* (Walt.) Fern. var. *dioicus* [*A. dioicus* (Walt.) Fern.], Eastern Goatsbeard. N
- *Crataegus gattingeri* Ashe, Pear Hawthorn. N, O+
- *Crataegus macrosperma* Ashe, Eastern Variable Hawthorn. N, +
- *Crataegus punctata* Jacq., Dotted Hawthorn. N, +

Crataegus succulenta Schrad. ex Link var. *succulenta* [*C. succulenta* Link], Fleshy Hawthorn. N

- *Dalibarda repens* L.; Star-violet, Dewdrop. N T, O

Filipendula rubra (Hill) Robinson, Queen-of-the-Prairie. I

Fragaria americana (Porter) Britton [*F. vesca* var. *alba* (Ehrh.) Rydb. and var. *americana* Porter], American Woodland Strawberry. N

- *Fragaria virginiana* P. Miller [*F. virginiana* Duchesne], Wild Strawberry. N
- *Geum canadense* Jacq., White Avens. N, +

Geum laciniatum Murr., Rough Avens. N

Geum rivale L., Purple Avens. N T

- *Geum vernum* (Raf.) Torr. & A. Gray, Spring Avens. N, O□+

Geum virginianum L., Cream Avens. N

- *Gillenia trifoliata* (L.) Moench, Mountain Indian-physic. N
- *Malus angustifolia* (Aiton) Michx. [*Pyrus angustifolia* Aiton], Southern Crabapple. N, +
- *Malus coronaria* (L.) P. Mill. [*Pyrus coronaria* L. var. *coronaria* and var. *lancifolia* (Rehd.) Fern.], Wild Crabapple. N, +
- *Malus pumila* P. Mill. [*Pyrus malus* L.], Common Apple. E^P
- *Physocarpus opulifolius* (L.) Maxim. var. *opulifolius* [*P. opulifolius* (L.) Maxim.], Eastern Ninebark. N

Potentilla argentea L., Silvery Cinquefoil. E

- *Potentilla canadensis* L., Canada Cinquefoil. N, O□

Potentilla norvegica L., Rough Cinquefoil. N

- *Potentilla recta* L., Upright Cinquefoil. E
- *Potentilla simplex* Michx., Common Cinquefoil. N

Poterium sanguisorba L. var. *polygamum* (Waldstein & Kitaibel) Viszini [*Sanguisorba minor* Scop.], Garden Burnet. E

- *Prunus alleghaniensis* Porter var. *alleghaniensis* [*P. allegheniensis* Porter], Allegheny Plum. N T, O+
- *Prunus americana* Marsh., American Wild Plum. N, +
- *Prunus pensylvanica* L. f., Fire or Pin Cherry. N

Prunus persica (L.) Batsch, Peach. E

- *Prunus serotina* Ehrh. var. *serotina* [*P. serotina* Ehrh.], Wild Black Cherry. N

Prunus virginiana L. var. *virginiana* [*P. virginiana* L.], Choke Cherry. N

Pyrus calleryana Descaisne [not cited], Bradford Pear. E

Rosa blanda Aiton var. *blanda* [not cited], Smooth Rose. N T

- *Rosa carolina* L. ssp. *carolina* [*R. carolina* L.], Carolina Rose. N, +
- *Rosa multiflora* Thunb. ex Murr. [*R. multiflora* Thunb.], Multiflora Rose. E

Rosa palustris Marsh., Swamp Rose. N

- *Rubacer odoratum* (L.) Rydberg [*Rubus odoratus* L.], Purple Flowering Raspberry. N
- *Rubus allegheniensis* Porter [*R. allegheniensis* Porter var. *allegheniensis* and var. *gravesii* Fern. and includes *R. alumnus* Bailey], Allegheny Blackberry. N

Rubus canadensis L., Thornless Blackberry. N

Rubus flagellaris Willd. [*R. flagellaris* Willd. and includes *R. pronus* Bailey and *R. steelei* Bailey], Common Dewberry. N

- *Rubus hispidus* L. [*R. hispidus* L. and includes *R. huttonii* Bailey], Bristly Dewberry. N, +
- *Rubus occidentalis* L., Black Raspberry. N

Rubus originalis Bailey [not cited], Cold Spring Blackberry. N (not cited in W)

- *Rubus pensilvanicus* Poir. [• *R. pensilvanicus* Poir. and includes *R. laudatus* Berger and *R. leggii* Davis & Davis], Pennsylvania Blackberry. N, O□

Rubus plicatifolius Blanch. [*R. pronus* Bailey, *R. varus* Bailey], Plait-leaf Dewberry. N (not cited in W and taxonomy unresolved; likely subsumed within *R. flagellaris* Willd.)

Rubus pubescens Raf., Dwarf Red Raspberry. N T

Sanguisorba canadensis L., Canada Burnet. N T

Sibbaldiopsis tridentata (Aiton) Rydberg [*Potentilla tridentata* Aiton], Three-toothed Cinquefoil. N T

- *Sorbus americana* Marsh. [*Pyrus americana* (Marsh.) DC.], Mountain-ash. N

- *Spiraea alba* Du Roi, Narrowleaf Meadowsweet. N
- *Spiraea japonica* L. f. var. *fortunei* (Planch.) Rehd. [*S. japonica* L. f.], Japanese Spiraea. E
- Spiraea latifolia* (Aiton) Borkh., Broadleaf Meadowsweet. N
- *Spiraea tomentosa* L.; Hardhack, Steeplebush. N
- *Waldsteinia fragarioides* (Michx.) Tratt., Northern Barren Strawberry. N

Rubiaceae (Madder family)

- Cephalanthus occidentalis* L., Buttonbush. N
- *Galium aparine* L.; Common Bedstraw, Cleavers. N
- Galium arvense* (L.) F. Hermann [*Asperula arvensis* L.], Blue Woodruff. E^h
- Galium asprellum* Michx., Rough Bedstraw. N
- *Galium circaezans* Michx., Forest Bedstraw. N, ○
 - *Galium concinnum* Torr. & A. Gray, Shining Bedstraw. N, ○□
 - *Galium lanceolatum* Torr., Lanceleaf Bedstraw. N
 - *Galium latifolium* Michx., Purple Bedstraw. N
 - *Galium mollugo* L., Smooth Bedstraw. E, +
 - *Galium obtusum* Bigelow var. *obtusum* [*G. obtusum* Bigelow], Bluntleaf Bedstraw. N
- Galium palustre* L., Marsh Bedstraw. A
- Galium pedemontanum* (Bellardi) All., Piedmont Bedstraw. E
- *Galium pilosum* Aiton, Hairy Bedstraw. N, +
 - *Galium tinctorium* L. var. *tinctorium* [*G. tinctorium* L.], Three-lobed Bedstraw. N
 - *Galium triflorum* Michx., Sweet-scented Bedstraw. N, +
- Houstonia caerulea* L.; Bluets, Quaker Ladies. N
- *Houstonia longifolia* Gaertn. var. *compacta* Terrell, Summer or Longleaf Bluets. N
- Houstonia serpyllifolia* Michx., Thyme-leaved Bluets. N
- *Mitchella repens* L., Partridge-berry. N

Salicaceae (Willow family)

- Populus alba* L., White Poplar. E
- Populus deltoides* Bartr. ex Marsh. ssp. *deltoides* [*P. deltoides* Marsh], Eastern Cottonwood. N
- *Populus grandidentata* Michx., Bigtooth Aspen. N
 - *Populus tremuloides* Michx., Quaking Aspen. N, +
 - *Populus ×jackii* Sarg. [*×P. gileadensis* Rouleau], Balm-of-Gilead. N, + (= *balsamifera* × *deltoides*)
 - *Salix eriocephala* Michx. [*S. rigida* Muhl.], Heart-leaved Willow. N, ○□
- Salix humilis* Marsh., Upland Willow. N
- *Salix nigra* Marshall, Black Willow. N, ○+
- Salix occidentalis* Walter [*S. tristis* Aiton], Dwarf Upland Willow. N
- Salix purpurea* L., Basket Willow. E
- *Salix sericea* Marsh., Silky Willow. N
 - *Salix ×sepulcralis* Simonkai [not cited], Weeping Willow. E^p, + (= *alba* × *fragilis* × *pendulina*)

Sarraceniaceae (Pitcherplant family)

- *Sarracenia purpurea* L. var. *purpurea* [*S. purpurea* L.], Northern Purple Pitcher-plant. I N

Saxifragaceae (Saxifrage family)

- Boykinia aconitifolia* Nutt., Brook-saxifrage. N
- *Chrysosplenium americanum* Schwein. ex Hooker [*C. americanum* Schwein.], Golden-saxifrage. N
- Heuchera alba* Rydb., White-flowered Alumroot. N
- *Heuchera americana* L., American Alumroot. N, ○□+
- Heuchera hispida* Pursh., Rough Alumroot. N T
- Heuchera parviflora* Bartl. var. *parviflora* [*H. parviflora* Bartl.], Small-flowered Alumroot. N
- *Heuchera pubescens* Pursh, Downy Alumroot. N, +
- Heuchera villosa* Michx., Hairy or Rock Alumroot. N

Micranthes caroliniana (A. Gray) Small [not cited], Carolina Saxifrage. N T

- *Micranthes micranthidifolia* (Haworth) Small [*Saxifraga micranthidifolia* (Haw.) Britt.], Brook or Branch-Lettuce. N

Micranthes pennsylvanica (L.) Haworth [*Saxifraga pennsylvanica* L.], Swamp Saxifrage. N T

- *Micranthes virginensis* (Michx.) Small [*Saxifraga virginensis* Michx.], Early Saxifrage. N, +
- *Mitella diphylla* L., Miterwort. N
- *Tiarella cordifolia* L., Foamflower. N

Scrophulariaceae (Figwort family)

Scrophularia lanceolata Pursh, American Figwort. N

- *Scrophularia marilandica* L., Eastern Figwort. N, +

Verbascum blattaria L., Moth Mullein. E

Verbascum phlomoides L., Claspig Mullein. E

- *Verbascum thapsus* L. ssp. *thapsus* [*V. thapsus* L.], Common or Woolly Mullein. E

Simaroubaceae (Quassia family)

Ailanthus altissima (P. Mill.) Swingle, Tree-of-heaven. E

Solanaceae (Nightshade family)

Lycium barbarum L. [*L. halimifolium* P. Mill.], Common Matrimony-vine. E

Physalis heterophylla Nees [*P. ambigua* (A. Gray) Britt., *P. heterophylla* Nees], Clammy Ground-Cherry. N

- *Physalis longifolia* Nutt. var. *subglabrata* (Mackenzie & Bush) Cronquist [*P. subglabrata* Mackenzie & Bush], Longleaf Ground-cherry. N

Physalis philadelphica Lam. [not cited]; Waterfall, Tomatillo. E

- *Solanum carolinense* L. var. *carolinense* [*S. carolinense* L.], Horse-nettle. N

Solanum dulcamara L.; Bittersweet, Climbing Nightshade. E

Solanum emulans Raf. [*S. americanum* P. Mill.], American Black Nightshade. N

Solanum rostratum Dunal, Buffalo-bur. A

Staphyleaceae (Bladderwort family)

- *Staphylea trifolia* L., Bladdernut. N, ◻

Thymelaeaceae (Mezereum family)

Dirca palustris L., Leatherwood. N

Ulmaceae (Elm family)

- *Ulmus americana* L. var. *americana* [*U. americana* L.], American Elm. N, +

- *Ulmus rubra* Muhl., Slippery Elm. N

Urticaceae (Nettle family)

Boehmeria cylindrica (L.) Swartz, False-nettle. N

- *Laportea canadensis* (L.) Wedd., Wood-nettle. N

- *Pilea pumila* (L.) A. Gray, Clearweed. N, +

Urtica gracilis Aiton ssp. *gracilis* [*U. gracilis* Aiton], American Stinging Nettle. N

Valerianaceae (Valerian family)

Valerianella umbilicata (Sulliv.) Wood, Corn-salad. N

Verbenaceae (Verbena family)

Verbena bracteata Lag. & Rodr., Prostrate Vervain. A

Verbena hastata L., Common Blue Vervain. N

Verbena stricta Vent., Hoary Vervain. A

- *Verbena urticifolia* L. [*V. urticifolia* L. var. *urticifolia* and var. *leiocarpa* Perry and Fern.], White Vervain. N, +

Verbena xengelmannii Moldenke, Vervain. N (= *hastata* x *urticifolia*)

Viburnaceae (Viburnum family)

- *Sambucus canadensis* L., Common Elderberry. N
- *Sambucus racemosa* L. var. *pubens* (Michx.) Trautvetter & C.A. Meyer [*S. pubens* Michx.], Red Elderberry. N
- *Viburnum acerifolium* L., Mapleleaf Viburnum. N
- *Viburnum cassinoides* L., Northern Wild Raisin. N
- *Viburnum lantanoides* Michx. [*V. alnifolium* Marsh.], Hobblebush. N
- Viburnum lentago* L., Nannyberry. N T
- *Viburnum trilobum* Marsh., Cranberry-tree. N T, +
- Viburnum prunifolium* L., Black Haw. N
- Viburnum rafinesquianum* J.A. Schultes [*V. rafinesquianum* L.], Downy Arrowwood. N T
- *Viburnum recognitum* Fern., Smooth Arrowwood. N

Violaceae (Violet family)

- Cubelium concolor* (T.F. Forster) Raf. ex Britt. & A. Brown [*Hybanthus concolor* (Forster) Sprengel], Green-violet. N
- Viola affinis* LeConte, LeConte's Violet. N
- Viola appalachensis* Henry, Appalachian Blue Violet. N
- *Viola blanda* Willd., Sweet White Violet. N
 - *Viola canadensis* L., Tall White Violet. N
 - *Viola cucullata* Aiton, Marsh Blue Violet. N
 - *Viola eriocarpa* Schwein. [*V. pensylvanica* Michx.], Smooth Yellow Forest Violet. N
- Viola fimbriatula* J.E. Smith, Arrowleaf Violet. N
- *Viola hastata* Michx., Halberd-leaf Yellow Violet. N
- Viola hirsutula* Brainerd, Wood Violet. N
- Viola incognita* Brainerd, Common Sweet White Violet. N T
- *Viola labradorica* Schrank [*V. conspersa* Reichenb.], American Dog Violet. N, o
 - *Viola lanceolata* L., Lanceleaf Violet. N
- Viola minuscula* Greene [*V. pallens* (Banks ex DC.) Brainerd], Northern White Violet. N
- *Viola palmata* L. var. *palmata*, Southern Three-lobed Violet. N
- Viola palmata* L. var. *triloba* (Schwein.) de Gingsins ex DC. [*V. triloba* Schwein.], Northern Three-lobed Violet. N
- Viola pedata* L. var. *pedata* [*V. pedata* L.], Bird's-foot Violet. N
- Viola primulifolia* L., Primrose-leaf Violet. N
- *Viola pubescens* Aiton, Hairy Yellow Forest Violet. N, +
- Viola rafinesquii* Greene, Wild Pansy. E
- *Viola rostrata* Pursh, Long-spurred Violet. N
 - *Viola rotundifolia* Michx., Roundleaf Yellow Violet. N
 - *Viola sagittata* Aiton var. *sagittata* [*V. emarginata* (Nutt.) Le Conte], Arrowhead Violet. N, +
- Viola septentrionalis* Greene, Northern Wood Violet. N T
- *Viola sororia* Willd. var. *sororia* [*V. papilionacea* Pursh], Common Blue Violet. N
 - *Viola striata* Aiton, Striped or Cream Violet. N
- Viola xbernardii* Greene [not cited], Violet. N (not cited in W)
- Viola xclipes* H.E. Ballard [not cited], Violet. N (not cited in W)
- Viola xwujekii* H.E. Ballard [not cited], Violet. N (not cited in W)

Vitaceae (Grape family)

- *Parthenocissus quinquefolia* (L.) Planch., Virginia-creeper. N
- Parthenocissus tricuspidata* (Sieb. & Zucc.) Planch. [not cited], Boston-ivy. E^h
- *Vitis aestivalis* Michx. var. *aestivalis* [*V. aestivalis* Michx.], Summer Grape. N, +
- Vitis aestivalis* Michx. var. *bicolor* Deam [*V. aestivalis* Michx. var. *argenteifolia* (Munson) Fern.], Silverleaf Grape. N
- Vitis labrusca* L., Fox Grape. N
- Vitis vulpina* L., Frost Grape. N

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Chris Frye identified 12 of the 46 observed *Carex* spp. in this checklist and clarified nomenclatural problems with *Bromus*. Jim Vanderhorst reviewed the checklist for corrections and additions. He contributed *Carex arctata*, a county record listed in this checklist, and noted three other taxa with misapplied names that were subsequently changed or deleted from the checklist. Alan Weakley clarified nomenclatural problems and distributional questions with many of the taxa. Several individuals directed me to specific locations and observations, and my frequent keenly observant field companions were helpful and deeply appreciated. Judi White's careful reading and editing significantly improved the manuscript.

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