

**Ohio Department of Natural Resources**  
**RARE NATIVE OHIO PLANTS**  
**2018-19 Status List**

The attached list of Ohio endangered, threatened, potentially threatened, and presumed extirpated native plant taxa was determined by the Department of Natural Resources, Division of Natural Areas and Preserves with the advice and guidance of the Ohio Rare Plants Advisory Committee pursuant to Ohio Revised Code Chapter 1518. This list replaces the 2016-17 status list.

The list is divided into six phylogenetic groups: Lichens, Bryophytes, Lycophytes, Pteridophytes, Gymnosperms and Angiosperms. Within each group, species are in alphabetic order by genus. Taxonomy and nomenclature of vascular plants generally follow The Flora of North America (1993+), Gleason and Cronquist (1991) or Field Manual of the Michigan Flora (2012+). Vascular taxa not included in these three manuals are followed by a specific reference. Taxonomy and nomenclature of the non-vascular plants follow Anderson, Crum and Buck (1990), Flora of North America (1993+) and Anderson (1990) for bryophytes, and Brodo, Sharnoff and Sharnoff (2001) for lichens. Valuable taxonomic references specific to Ohio include Snider and Andreas (1996) for bryophytes, Showman and Flenniken (2004) for lichens, and Cooperrider, Cusick and Kartesz (2001) for vascular plants. The columns marked OH and US indicate status of the taxon as assigned by the Division of Natural Areas and Preserves (Ohio Administrative Rules 1501:18-1-01 through 1501:18-2-05) and by the U.S. Fish & Wildlife Service.

The current list contains 84 presumed extirpated, 256 endangered, 158 threatened, and 106 potentially threatened taxa, plus 4 taxa with no assigned status. Only data from January 1, 1998 through December 31, 2017 were considered in assigning endangerment status based upon information in the Ohio Natural Heritage Database.

The first status list, issued in 1980, was largely based on preliminary lists of rare plant species compiled in the 1970s for the Ohio Biological Survey. Since 1980, the status lists have been updated biennially. This list became effective on **December 31, 2018** and will be revised again in **2020**.

Information on these 608 species is contained in the Ohio Natural Heritage Database and is generally accessible for research or environmental review through the Ohio Natural Heritage Database Program. A data request form may be obtained by contacting the Ohio Natural Heritage Program within the Division of Wildlife. Upon request, the Division of Natural Areas and Preserves will provide an alphabetic status list of rare native Ohio plants.

Field work leading to improvements in this list was supported in part by grant from the Ohio Department of Transportation and the Ohio Income Tax Donation Program. The Division would appreciate additional information that would improve the accuracy of this list, including information on newly discovered occurrences of these plants and current conditions of known populations. Please contact the Division of Natural Areas and Preserves if you have questions or information concerning these species at 614-265-6419.

## OHIO STATUS DESIGNATION CRITERIA

### E Endangered Species

A native Ohio plant species may be designated endangered if, based on its known status in Ohio, one or more of the following criteria apply:

1. The species is a federal endangered species extant in Ohio.
2. The natural populations of the species in Ohio are limited to three or fewer occurrences.
3. The distribution of the natural populations of the species in Ohio is limited to a geographic area delineated by three or fewer U.S. Geological Survey 7.5 minute quadrangle maps.
4. The number of plants in all the natural populations of the species in Ohio is limited to one hundred or fewer individual, physically unconnected plants.

### T Threatened Species

A native Ohio plant species may be designated threatened if, based on its known status in Ohio, one or more of the following criteria apply:

1. The species is a federal threatened species extant in Ohio but not on the state endangered species list.
2. The natural populations of the species in Ohio are limited to no less than four or more than 10 occurrences.
3. The distribution of the natural populations of the species in Ohio is limited to a geographic area delineated by no less than four or more than seven U.S. Geological Survey 7.5 minute quadrangle maps.

### X Presumed Extirpated Species

A native Ohio plant species may be designated presumed extirpated when no natural populations of the species have been documented since 1998.

### P Potentially Threatened Species

A native Ohio plant species may be designated potentially threatened if one or more of the following criteria apply:

1. The species is extant in Ohio and does not qualify as a state endangered or threatened species, but it is a proposed federal endangered or threatened species or a species listed in the *Federal Register* as under review for such proposal.
2. The natural populations of the species are imperiled to the extent that the species could conceivably become a threatened species in Ohio within the foreseeable future.
3. The natural populations of the species, even though they are not threatened in Ohio at the time of designation, are believed to be declining in abundance or vitality at a significant rate throughout all or large portions of the state.

### **A Added Species**

A native Ohio plant species recently added to the rare plant inventory and sufficient information has not yet been obtained to determine the Ohio endangerment status.

## FEDERAL LISTED OHIO PLANT SPECIES

Ohio-selected scientific and common names are listed first. Federal-selected names are shown in parentheses if they differ from the names on the Ohio list.

E = Federal endangered

T = Federal threatened

Note: Lists and information about federal listed, proposed and candidate species can be obtained from the U.S. Fish & Wildlife Service web site at <http://endangered.fws.gov/wildlife.html>. At this time, there are no Ohio plants designated as either proposed for listing or on the federal candidate species list.

<b>US Status</b>	<b>OH Status</b>	<b><u>Scientific Name</u></b>	<b><u>Common Name(s)</u></b>
T	E	<i>Aconitum noveboracense</i>	Northern Monkshood (Northern Wild Monkshood)
T	E	<i>Tetraneuris herbacea</i>	Lakeside Daisy
T	E	<i>Isotria medeoloides</i>	Small Whorled Pogonia
T	T	<i>Platanthera leucophaea</i>	Prairie Fringed Orchid (Eastern Prairie Fringed Orchid)
T	E	<i>Spiraea virginiana</i>	Virginia Spiraea
E	E	<i>Trifolium stoloniferum</i>	Running Buffalo Clover

## CITATIONS

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**Lichens**

<i>Blennothallia crispa</i> , Crinkled Jelly Lichen .....	X
<i>Canoparmelia caroliniana</i> , Carolina Shield Lichen.....	E
<i>Dibaeis absoluta</i> , Pink Dot Lichen .....	T
<i>Enchylium bachmanianum</i> , Bachman’s Jelly Lichen .....	T
<i>Enchylium coccophorum</i> , Tar Jelly Lichen .....	E
<i>Enchylium conglomeratum</i> , Dotted Jelly Lichen	E
<i>Lathagrium fuscovirens</i> , Dusky Jelly Lichen .....	E
<i>Phaeophyscia leana</i> , Lea’s Shadow Lichen .....	E
<i>Placidium squamulosum</i> , Brown Stipplescale.....	E
<i>Punctelia perreticulata</i> , Reticulate Speckled Shield Lichen .....	E
<i>Ramalina farinacea</i> , Dotted Ramalina .....	E
<i>Ramalina intermedia</i> , Rock Ramalina.....	E
<i>Ramalina pollinaria</i> , Chalky Ramalina .....	T
<i>Rusavskia elegans</i> , Elegant Sunburst Lichen.....	E
<i>Sticta beauvoisii</i> , Fringed Moon Lichen.....	X

**Bryophytes**

<i>Amphidium mougeotii</i> , Mougeot’s Ice Moss .....	E
<i>Andreaea rupestris</i> , Black Rock Moss .....	X
<i>Anomobryum filiforme</i> , Common Silver Moss .....	E
<i>Anomodon viticulosus</i> , Long Tail Moss.....	E
<i>Barbula indica</i> , Twisted Teeth Moss .....	E
<i>Buxbaumia aphylla</i> , Bug-on-a-stick .....	T
<i>Buxbaumia minakatae</i> , Ethereal Elf Cap Moss .....	X
<i>Campylostelium saxicola</i> , Rock-loving Swan-necked Moss .....	T
<i>Cyrtomnium hymenophylloides</i> , Curvey-capsuled Thin-leaved Moss..	E
<i>Dichelyma capillaceum</i> , Awned Dichelyma Moss .....	E
<i>Diphyscium mucronifolium</i> , Cumberland Grain O’ Wheat Moss.....	E
<i>Fissidens hyalinus</i> , Filmy Fissidens .....	E
<i>Forsstroemia producta</i> , Sullivant’s Bark Moss.....	E
<i>Hylocomium splendens</i> , Mountain-fern Moss.....	X
<i>Hypnum pratense</i> , Wrinkled-leaved Marsh Hypnum .....	E
<i>Loeskeobryum brevirostre</i> , Squarrose-tipped Wood Moss.....	E

<i>Neckera pennata</i> , Neckera Moss .....	E
<i>Plagiomnium drummondii</i> , Drummond's Plagiomnium Moss .....	X
<i>Pohlia elongata</i> , Narrow-necked Pohl's Moss .....	E
<i>Ptychomitrium drummondii</i> , Drummond's Ptychomitrium .....	X
<i>Rhytidiadelphus triquetrus</i> , Rough Goose Neck Moss .....	X
<i>Scorpidium scorpioides</i> , Turgid Brown Worm Moss .....	X
<i>Sphagnum bartlettianum</i> , Bartlett's Peat Moss .....	X
<i>Sphagnum riparium</i> , Shore-growing Peat Moss .....	E
<i>Thuidium allenii</i> , Allen's Fern Moss .....	E
<i>Tomentypnum nitens</i> , Fuzzy Hypnum Moss .....	E
<i>Tortella inclinata</i> , Curved Tortella .....	X
<i>Weissia sharpii</i> , Sharp's Green-cushioned Moss .....	E

### Lycophytes

<i>Huperzia selago</i> , Fir Clubmoss .....	X
<i>Isoetes echinospora</i> , Spiny-spored Quillwort .....	X
<i>Isoetes engelmannii</i> , Engelmann's Quillwort .....	T
<i>Lycopodiella appressa</i> , Southern Bog Club-moss .....	E
<i>Lycopodiella subappressa</i> , Northern Appressed Club-moss .....	E
<i>Lycopodium lagopus</i> , One-coned Club-moss .....	E
<i>Selaginella eclipses</i> , Midwest Spike-moss .....	T
<i>Selaginella rupestris</i> , Rock Spike-moss .....	X

### Pteridophytes

<i>Asplenium bradleyi</i> , Bradley's Spleenwort .....	E
<i>Asplenium resiliens</i> , Black-stemmed Spleenwort .....	X
<i>Asplenium ruta-muraria</i> , Wall-rue .....	T
<i>Botrychium lanceolatum</i> , Triangle Grape Fern .....	T
<i>Botrychium simplex</i> , Least Grape Fern .....	E
<i>Cystopteris fragilis</i> , Brittle Fern .....	X
<i>Cystopteris tennesseeensis</i> , Tennessee Bladder Fern .....	P
<i>Dryopteris celsa</i> , Log Fern .....	E
<i>Dryopteris clintoniana</i> , Clinton's Wood Fern .....	E
<i>Dryopteris filix-mas</i> , Male Fern .....	E
<i>Gymnocarpium appalachianum</i> , Appalachian Oak Fern .....	X
<i>Gymnocarpium dryopteris</i> , Common Oak Fern .....	E
<i>Equisetum sylvaticum</i> , Woodland Horsetail .....	P
<i>Equisetum variegatum</i> , Variegated Scouring-rush .....	E
<i>Ophioglossum engelmannii</i> , Limestone Adder's-tongue .....	E
<i>Ophioglossum pusillum</i> , Northern Adder's-tongue .....	T

<i>Pleopeltis michauxiana</i> ( <i>P. polypodioides</i> ), Little Gray Polypody .....	P
<i>Pteridium aquilinum</i> var. <i>pseudocaudatum</i> , Tailed Bracken .....	E
<i>Sceptridium biternatum</i> , Sparse-lobed Grape Fern.....	E
<i>Sceptridium multifidum</i> , Leathery Grape Fern.....	E
<i>Trichomanes boschianum</i> , Appalachian Filmy Fern .....	E
<i>Woodsia ilvensis</i> , Rusty Woodsia .....	X

### Gymnosperms

<i>Juniperus communis</i> , Ground Juniper.....	E
<i>Larix laricina</i> , Tamarack .....	P
<i>Taxus canadensis</i> , Canada Yew.....	P
<i>Thuja occidentalis</i> , Arbor Vitae.....	P

### Angiosperms

<i>Acer pensylvanicum</i> , Striped Maple .....	E
<i>Aconitum noveboracense</i> , Northern Monkshood.....	E T
<i>Aconitum uncinatum</i> , Southern Monkshood.....	E
<i>Acorus americanus</i> , American Sweet-flag .....	P
<i>Actaea rubra</i> , Red Baneberry .....	T
<i>Adlumia fungosa</i> , Allegheny-vine .....	E
<i>Agalinis auriculata</i> , Ear-leaved-foxglove.....	E
<i>Agalinis gattingeri</i> , Gattinger's-foxglove.....	T
<i>Agalinis purpurea</i> var. <i>parviflora</i> , Small Purple-foxglove .....	E
<i>Agalinis skinneriana</i> , Skinner's-foxglove .....	E
<i>Ageratina aromatica</i> ( <i>Eupatorium aromaticum</i> ), Small White Snakeroot	E
<i>Amelanchier humilis</i> , Low Serviceberry.....	E
<i>Amelanchier interior</i> , Inland Serviceberry .....	E
<i>Amelanchier sanguinea</i> , Rock Serviceberry.....	T
<i>Ammophila breviligulata</i> , American Beach Grass.....	T
<i>Anagallis minima</i> ( <i>Centunculus minimus</i> ), Chaffweed .....	T
<i>Andromeda polifolia</i> var. <i>latifolia</i> ( <i>A. glaucophylla</i> ), Bog-rosemary ..	X
<i>Andropogon glomeratus</i> , Bushy Broom-sedge.....	E
<i>Androsace occidentalis</i> , Western Rock-jasmine.....	E
<i>Anemone cylindrica</i> , Prairie Thimbleweed.....	T
<i>Antennaria virginica</i> , Shale Barren Pussy-toes .....	T
<i>Anticlea elegans</i> ( <i>Zigadenus elegans</i> ), White Wand-lily .....	P

<i>Arabidopsis lyrata</i> , Lyre-leaved Rock Cress .....	E
<i>Arabis patens</i> , Spreading Rock Cress .....	E
<i>Arabis pycnocarpa</i> var. <i>adpressipilis</i> , Southern Hairy Rock Cress .....	P
<i>Arabis pycnocarpa</i> var. <i>pycnocarpa</i> , Western Hairy Rock Cress .....	X
<i>Aralia hispida</i> , Bristly Sarsaparilla .....	E
<i>Arctostaphylos uva-ursi</i> , Bearberry .....	E
<i>Agrostis eliottiana</i> , Elliott's Bent Grass .....	E
<i>Arethusa bulbosa</i> , Dragon's-mouth .....	E
<i>Aristida basiramea</i> , Forked Three-awn Grass .....	E
<i>Aristida necopina</i> ( <i>A. longespica</i> var. <i>geniculata</i> ), False Arrow-feather	E
<i>Aristida purpurascens</i> , Purple Triple-awned Grass .....	P
<i>Aronia arbutifolia</i> , Red Chokeberry .....	E
<i>Arnoglossum plantagineum</i> ( <i>Cacalia plantaginea</i> ), Fen Indian-plantain	P
<i>Artemisia campestris</i> , Beach Wormwood .....	T
<i>Asclepias amplexicaulis</i> , Blunt-leaved Milkweed .....	P
<i>Asclepias variegata</i> , White Milkweed .....	P
<i>Astragalus canadensis</i> , Canada Milk-vetch .....	T
<i>Astragalus neglectus</i> , Cooper's Milk-vetch .....	E
<i>Aureolaria pedicularia</i> var. <i>ambigens</i> , Prairie Fern-leaved False Foxglove .....	E
<i>Aureolaria pedicularia</i> var. <i>pedicularia</i> , Woodland Fern-leaved False Foxglove .....	E
<i>Avenella flexuosa</i> , Crinkled Hair Grass .....	P
<i>Baptisia australis</i> , Blue False Indigo .....	E
<i>Baptisia lactea</i> , Prairie False Indigo .....	P
<i>Baptisia tinctoria</i> , Yellow False Indigo .....	A
<i>Bartonia paniculata</i> , Screw-stem .....	T
<i>Besseya bullii</i> , Kitten-tails .....	X
<i>Betula pumila</i> , Swamp Birch .....	T
<i>Bidens beckii</i> ( <i>Megalodonta beckii</i> ), Water-marigold .....	X
<i>Borodinia missouriensis</i> , Missouri Rock Cress .....	E
<i>Boechera stricta</i> , Drummond's Rock Cress .....	E
<i>Bromus kalmii</i> , Prairie Brome .....	P
<i>Buchnera americana</i> , Bluehearts .....	T
<i>Calamagrostis porteri</i> ssp. <i>insperata</i> , Bartley's Reed Grass .....	T
<i>Calamintha arkansana</i> ( <i>Satureja glabella</i> var. <i>angustifolia</i> ), Limestone Savory .....	T
<i>Calamovilfa longifolia</i> var. <i>magna</i> , Sand Reed .....	E
<i>Calla palustris</i> , Wild Calla .....	P
<i>Callitriche palustris</i> , Vernal Water-starwort .....	E
<i>Calopogon tuberosus</i> , Grass-pink .....	T
<i>Calycanthus floridus</i> , Sweet-shrub .....	X



<i>Campanula rotundifolia</i> , Harebell .....	T
<i>Capnoides sempervirens</i> ( <i>Corydalis sempervirens</i> ), Rock-harlequin ..	E
<i>Cardamine dissecta</i> , Narrow-leaved Toothwort.....	P
<i>Cardamine pratensis</i> var. <i>palustris</i> , American Cuckoo-flower.....	X
<i>Carex alata</i> , Broad-winged Sedge.....	P
<i>Carex alopecoidea</i> , Northern Fox Sedge.....	E
<i>Carex aquatilis</i> , Leafy Tussock Sedge .....	T
<i>Carex arctata</i> , Drooping Wood Sedge .....	T
<i>Carex argyrantha</i> , Silvery Sedge .....	P
<i>Carex atherodes</i> , Wheat Sedge.....	P
<i>Carex atlantica</i> ssp. <i>capillacea</i> , Howe's Sedge.....	P
<i>Carex aurea</i> , Golden-fruited Sedge.....	P
<i>Carex bebbii</i> , Bebb's Sedge.....	P
<i>Carex bicknellii</i> , Bicknell's Sedge.....	T
<i>Carex brunnescens</i> , Brownish Sedge .....	T
<i>Carex bushii</i> , Bush's Sedge .....	T
<i>Carex complanata</i> , Flattened Sedge .....	T
<i>Carex conoidea</i> , Field Sedge .....	T
<i>Carex crinita</i> var. <i>brevicrinis</i> , Short-fringed Sedge .....	T
<i>Carex crus-corvi</i> , Raven-foot Sedge.....	T
<i>Carex cryptolepis</i> , Little Yellow Sedge.....	T
<i>Carex decomposita</i> , Cypress-knee Sedge .....	E
<i>Carex deweyana</i> , Dewey's Sedge.....	X
<i>Carex diandra</i> , Lesser Panicked Sedge .....	T
<i>Carex disperma</i> , Two-seeded Sedge.....	E
<i>Carex echinata</i> , Little Prickly Sedge .....	E
<i>Carex flava</i> , Yellow Sedge .....	P
<i>Carex formosa</i> , Handsome Sedge.....	E
<i>Carex garberi</i> , Garber's Sedge .....	E
<i>Carex gigantea</i> , Large Sedge.....	E
<i>Carex gynandra</i> , Nodding Sedge.....	E
<i>Carex lasiocarpa</i> , Slender Sedge.....	P
<i>Carex limosa</i> , Mud Sedge.....	E
<i>Carex longii</i> , Long's Sedge .....	E
<i>Carex louisianica</i> , Louisiana Sedge .....	T
<i>Carex lucorum</i> , Fire Sedge .....	E
<i>Carex merritt-fernaldii</i> , Fernald's Sedge.....	E
<i>Carex mesochorea</i> , Midland Sedge .....	P
<i>Carex mitchelliana</i> , Mitchell's Sedge.....	E
<i>Carex oligosperma</i> , Few-seeded Sedge .....	T
<i>Carex peckii</i> , Peck's Sedge.....	X
<i>Carex projecta</i> , Necklace Sedge.....	E
<i>Carex pseudocyperus</i> , Northern Bearded Sedge .....	E

<i>Carex purpurifera</i> , Purple Wood Sedge .....	T
<i>Carex retrorsa</i> , Reflexed Bladder Sedge.....	T
<i>Carex reznicekii</i> , Reznicek's Sedge (see Werier 2006).....	P
<i>Carex richardsonii</i> , Richardson's Sedge .....	X
<i>Carex siccata</i> , Hay Sedge .....	E
<i>Carex sprengei</i> , Sprengel's Sedge.....	T
<i>Carex straminea</i> , Straw Sedge.....	P
<i>Carex striatula</i> , Lined Sedge .....	X
<i>Carex styloflexa</i> , Lowland Wood Sedge.....	X
<i>Carex tenuiflora</i> , Thin-flowered Sedge .....	X
<i>Carex timida</i> , Timid Sedge .....	T
<i>Carex viridistellata</i> , Green Star Sedge (see Derieg <i>et al.</i> 2013).....	T
<i>Carex viridula</i> , Little Green Sedge.....	P
<i>Ceanothus herbaceus</i> , Prairie Redroot .....	E
<i>Celtis laevigata</i> , Sugarberry.....	E
<i>Chamaedaphne calyculata</i> , Leather-leaf .....	P
<i>Chamaenerion angustifolium</i> ( <i>Epilobium angustifolium</i> ), Fireweed....	E
<i>Chenopodium capitatum</i> , Strawberry-blite.....	X
<i>Chimaphila umbellata</i> , Pipsissewa .....	E
<i>Chionanthus virginicus</i> , Fringe-tree .....	P
<i>Chrysogonum virginianum</i> , Golden-knees .....	T
<i>Cinna latifolia</i> , Northern Wood-reed.....	E
<i>Cirsium carolinianum</i> , Carolina Thistle .....	T
<i>Clematis occidentalis</i> , Purple Virgin's-bower.....	X
<i>Clintonia borealis</i> , Bluebead-lily.....	E
<i>Clintonia umbellulata</i> , Speckled Wood-lily .....	E
<i>Clitoria mariana</i> , Butterfly-pea .....	P
<i>Coeloglossum viride</i> , Long-bracted Orchid.....	E
<i>Coleataenia longifolia</i> ( <i>Panicum longifolium</i> var. <i>longifolium</i> ), Long-leaved Panic Grass .....	X
<i>Collinsonia verticillata</i> , Early Stoneroot .....	E
<i>Comarum palustre</i> ( <i>Potentilla palustris</i> ), Marsh Five-finger.....	T
<i>Comptonia peregrina</i> , Sweet-fern .....	E
<i>Conyza ramosissima</i> , Bushy Horseweed .....	P
<i>Corallorhiza maculata</i> , Spotted Coral-root.....	P
<i>Corallorhiza trifida</i> , Early Coral-root.....	E
<i>Corallorhiza wisteriana</i> , Spring Coral-root.....	P
<i>Cornus canadensis</i> , Bunchberry .....	T
<i>Cornus rugosa</i> , Round-leaved Dogwood .....	P
<i>Corylus cornuta</i> , Beaked Hazel .....	X
<i>Crataegus pennsylvanica</i> , Pennsylvania Hawthorn.....	E
<i>Crataegus uniflora</i> , Dwarf Hawthorn.....	P
<i>Crocanthemum bicknellii</i> , Plains Frostweed.....	P

<i>Crocanthemum canadense</i> , Canada Frostweed .....	T
<i>Croton willdenowii</i> , Willdenow's Croton.....	E
<i>Cuscuta compacta</i> , Sessile Dodder.....	E
<i>Cuscuta coryli</i> , Hazel Dodder.....	X
<i>Cuscuta cuspidata</i> , Cuspidate Dodder.....	E
<i>Cuscuta glomerata</i> , Glomerate Dodder .....	E
<i>Cuscuta indecora</i> , Pretty Dodder.....	E
<i>Cynoglossum virginianum var. boreale</i> , Northern Wild Comfrey .....	X
<i>Cyperus acuminatus</i> , Pale Umbrella-sedge .....	P
<i>Cyperus diandrus</i> , Low Umbrella-sedge .....	P
<i>Cyperus lancastris</i> , Many-flowered Umbrella-sedge.....	E
<i>Cyperus refractus</i> , Reflexed Umbrella-sedge.....	E
<i>Cyperus retrofractus</i> , Rough Umbrella-sedge.....	E
<i>Cyperus schweinitzii</i> , Schweinitz' Umbrella-sedge.....	T
<i>Cypripedium candidum</i> , White Lady's-slipper.....	T
<i>Cypripedium parviflorum var. makasin</i> , Small Yellow Lady's-slipper .....	E
<i>Cypripedium reginae</i> , Showy Lady's-slipper .....	T
<i>Dalea purpurea</i> , Purple Prairie-clover .....	X
<i>Delphinium exaltatum</i> , Tall Larkspur .....	P
<i>Deschampsia cespitosa</i> , Tufted Hair Grass .....	P
<i>Descurainia pinnata</i> , Tansy Mustard .....	P
<i>Desmodium glabellum</i> , Smooth Tick-trefoil.....	E
<i>Desmodium illinoense</i> , Prairie Tick-trefoil.....	X
<i>Desmodium sessilifolium</i> , Sessile Tick-trefoil.....	T
<i>Dichanthelium commonsianum (Panicum commonsianum)</i> , Commons' Panic Grass.....	E
<i>Dichanthelium leibergii (Panicum leibergii)</i> , Leiberg's Panic Grass ..	E
<i>Dichanthelium meridionale (Panicum meridionale, P. leucothrix)</i> , Southern Hairy Panic Grass .....	T
<i>Dichanthelium perlongum (Panicum perlongum)</i> , Long-panicled Panic Grass .....	E
<i>Dichanthelium praecocius (Panicum praecocius)</i> , Early Panic Grass.....	E
<i>Dichanthelium scoparium (Panicum scoparium)</i> , Velvet Panic Grass .....	E
<i>Dichanthelium spretum (Panicum spretum)</i> , Narrow-headed Panic Grass .....	E
<i>Dichanthelium villosissimum (Panicum villosissimum)</i> , Villous Panic Grass.....	P
<i>Dichanthelium yadkinense (Panicum yadkinense)</i> , Spotted Panic Grass .....	P
<i>Digitaria filiformis</i> , Slender Finger Grass .....	X
<i>Draba brachycarpa</i> , Little Whitlow-grass .....	E
<i>Draba cuneifolia</i> , Wedge-leaved Whitlow-grass .....	T
<i>Draba reptans</i> , Carolina Whitlow-grass.....	T

<i>Drosera intermedia</i> , Spathulate-leaved Sundew .....	E
<i>Drymocallis arguta</i> ( <i>Potentilla arguta</i> ), Tall Wood Beauty .....	E
<i>Echinodorus berteroi</i> ( <i>E. rostratus</i> ), Burhead .....	P
<i>Elatine brachysperma</i> , Short-seed Waterwort .....	X
<i>Eleocharis compressa</i> , Flat-stemmed Spike-rush.....	P
<i>Eleocharis engelmannii</i> , Engelmann’s Spike-rush .....	E
<i>Eleocharis flavescens</i> , Green Spike-rush.....	T
<i>Eleocharis geniculata</i> , Bent Spike-rush .....	E
<i>Eleocharis macrostachya</i> , Pale Spike-rush.....	E
<i>Eleocharis ovata</i> , Ovate Spike-rush .....	E
<i>Eleocharis parvula</i> , Least Spike-rush.....	E
<i>Eleocharis quinqueflora</i> , Few-flowered Spike-rush.....	T
<i>Eleocharis robbinsii</i> , Robbins’ Spike-rush.....	E
<i>Eleocharis tenuis</i> , Slender Spike-rush .....	T
<i>Eleocharis wolfii</i> , Wolf’s Spike-rush.....	E
<i>Elymus trachycaulus</i> , Bearded Wheat Grass .....	T
<i>Epilobium strictum</i> , Simple Willow-herb .....	T
<i>Eriocaulon aquaticum</i> , White-buttons.....	E
<i>Eriophorum gracile</i> , Slender Cotton-grass .....	X
<i>Eriophorum virginicum</i> , Tawny Cotton-grass .....	T
<i>Eriophorum viridicarinatum</i> , Green Cotton-grass.....	P
<i>Eryngium yuccifolium</i> , Rattlesnake-master .....	P
<i>Erysimum capitatum</i> ( <i>E. arkansanum</i> ), Western Wallflower .....	E
<i>Erythronium rostratum</i> , Golden-star .....	E
<i>Eupatorium album</i> , White Thoroughwort.....	T
<i>Eupatorium godfreyanum</i> , Godfrey’s Thoroughwort .....	E
<i>Eupatorium hyssopifolium</i> , Hyssop Thoroughwort .....	E
<i>Euphorbia polygonifolia</i> , Seaside Spurge.....	P
<i>Euphorbia purpurea</i> , Glade Spurge.....	E
<i>Eurybia surculosa</i> ( <i>Aster surculosus</i> ), Creeping Aster.....	E
<i>Euthamia remota</i> , Great Lakes Goldenrod .....	T
<i>Fallopia cilinodis</i> ( <i>Polygonum cilinode</i> ), Mountain Bindweed .....	E
<i>Fleischmannia incarnata</i> ( <i>Eupatorium incarnatum</i> ), Pink Thoroughwort .....	T
<i>Galactia regularis</i> ( <i>G. volubilis</i> ), Milk-pea (see Nesom 2015).....	P
<i>Galium labradoricum</i> , Bog Bedstraw .....	E
<i>Galium palustre</i> , Marsh Bedstraw .....	T
<i>Gaultheria hispidula</i> , Creeping Snowberry .....	X
<i>Gentiana alba</i> ( <i>G. flavida</i> ), Yellowish Gentian.....	T
<i>Gentiana puberulenta</i> , Prairie Gentian .....	E
<i>Gentiana saponaria</i> , Soapwort Gentian .....	E
<i>Gentiana villosa</i> , Sampson’s Snakeroot .....	E
<i>Gentianopsis crinita</i> , Fringed Gentian.....	P

<i>Gentianopsis procera</i> , Small Fringed Gentian .....	P	
<i>Geranium bicknellii</i> , Bicknell's Crane's-bill .....	E	
<i>Geum rivale</i> , Water Avens.....	P	
<i>Gillenia trifoliata</i> ( <i>Porteranthus trifoliata</i> ), Bowman's-root .....	T	
<i>Glyceria acutiflora</i> , Sharp-glumed Manna Grass .....	T	
<i>Glyceria borealis</i> , Northern Manna Grass.....	E	
<i>Goodyera tessellata</i> , Checkered Rattlesnake-plantain.....	X	
<i>Gratiola virginiana</i> , Round-fruited Hedge-hyssop.....	T	
<i>Gratiola viscidula</i> , Short's Hedge-hyssop.....	P	
<i>Gymnopogon ambiguus</i> , Beard Grass.....	X	
<i>Hackelia deflexa</i> , Northern Stickseed.....	X	
<i>Hedeoma hispida</i> , Rough Pennyroyal.....	P	
<i>Hieracium longipilum</i> , Long-bearded Hawkweed.....	E	
<i>Hieracium umbellatum</i> ( <i>H. canadense</i> ), Canada Hawkweed .....	E	
<i>Helianthus mollis</i> , Ashy Sunflower .....	T	
<i>Hesperostipa spartea</i> ( <i>Stipa spartea</i> ), Porcupine Grass .....	E	
<i>Heteranthera reniformis</i> , Mud-plantain.....	E	
<i>Heuchera longiflora</i> , Long-flowered Alum-root.....	T	
<i>Heuchera parviflora</i> , Small-flowered Alum-root.....	T	
<i>Heuchera villosa</i> , Hairy Alum-root .....	E	
<i>Hexalectris spicata</i> , Crested Coral-root.....	P	
<i>Hottonia inflata</i> , Featherfoil .....	E	
<i>Hudsonia tomentosa</i> , Beach-heather .....	X	
<i>Hydrocotyle umbellata</i> , Navelwort.....	E	
<i>Hypericum ascyron</i> , Great St. John's-wort.....	A	
<i>Hypericum boreale</i> , Northern St. John's-wort.....	T	
<i>Hypericum canadense</i> , Canada St. John's-wort .....	E	
<i>Hypericum denticulatum</i> , Coppery St. John's-wort.....	E	
<i>Hypericum ellipticum</i> , Few-flowered St. John's-wort.....	T	
<i>Hypericum gymnanthum</i> , Least St. John's-wort.....	E	
<i>Hypericum kalmianum</i> , Kalm's St. John's-wort.....	T	
<i>Iris brevicaulis</i> , Leafy Blue Flag .....	T	
<i>Iris verna</i> , Dwarf Iris .....	T	
<i>Isotria medeoloides</i> , Small Whorled Pogonia .....	E	T
<i>Juncus alpinoarticulatus</i> ( <i>J. alpinus</i> ), Alpine Rush.....	T	
<i>Juncus balticus</i> ( <i>J. arcticus</i> var. <i>balticus</i> ), Baltic Rush.....	P	
<i>Juncus dichotomus</i> , Flat-leaved Rush.....	E	
<i>Juncus greenii</i> , Greene's Rush.....	T	
<i>Juncus interior</i> , Inland Rush.....	P	
<i>Juncus secundus</i> , One-sided Rush .....	P	
<i>Juncus subcaudatus</i> , Woodland Rush.....	E	
<i>Koeleria macrantha</i> ( <i>K. pyramidata</i> ), June Grass .....	E	
<i>Krigia dandelion</i> , Potato-dandelion.....	T	

<i>Krigia virginica</i> , Virginia Dwarf-dandelion .....	T
<i>Lactuca hirsuta</i> , Hairy Tall Lettuce .....	T
<i>Lathyrus japonicus</i> ( <i>L. maritimus</i> ), Inland Beach Pea.....	T
<i>Lathyrus ochroleucus</i> , Yellow Vetchling .....	E
<i>Lathyrus venosus</i> , Wild Pea.....	E
<i>Leavenworthia uniflora</i> , Michaux's Glade-cress.....	T
<i>Lechea intermedia</i> , Round-fruited Pinweed .....	P
<i>Lechea minor</i> , Thyme-leaved Pinweed.....	T
<i>Lechea mucronata</i> , Hairy Pinweed.....	P
<i>Lechea pulchella</i> , Leggett's Pinweed .....	T
<i>Lechea tenuifolia</i> , Narrow-leaved Pinweed.....	P
<i>Leersia lenticularis</i> , Catchfly Grass .....	E
<i>Liatris cylindracea</i> , Slender Blazing-star .....	T
<i>Liatris scariosa</i> , Large Blazing-star .....	T
<i>Liatris squarrosa</i> , Scaly Blazing-star .....	P
<i>Ligusticum canadense</i> , American Lovage .....	E
<i>Lilium philadelphicum</i> , Wood Lily.....	E
<i>Linnaea borealis</i> , American Twinflower.....	X
<i>Lipocarpa drummondii</i> ( <i>Hemicarpha micrantha</i> var. <i>aristulata</i> ), Drummond's Dwarf Bulrush .....	E
<i>Lipocarpa micrantha</i> ( <i>Hemicarpha micrantha</i> var. <i>micrantha</i> ), Dwarf Bulrush.....	T
<i>Lithospermum caroliniense</i> ( <i>L. croceum</i> ), Plains Puccoon .....	T
<i>Lonicera flava</i> , Pale Yellow Honeysuckle.....	X
<i>Lonicera oblongifolia</i> , Swamp Fly Honeysuckle .....	X
<i>Lonicera villosa</i> ( <i>L. caerulea</i> var. <i>villosa</i> ), Mountain Fly Honeysuckle	X
<i>Lupinus perennis</i> , Wild Lupine.....	P
<i>Luzula bulbosa</i> , Southern Woodrush.....	P
<i>Lyonia ligustrina</i> , Male-berry .....	X
<i>Magnolia macrophylla</i> , Bigleaf Magnolia.....	E
<i>Magnolia tripetala</i> , Umbrella Magnolia.....	P
<i>Maianthemum trifolium</i> ( <i>Smilacina trifolia</i> ), Three-leaved False Solomon's-seal .....	X
<i>Malaxis unifolia</i> , Green Adder's-mouth .....	P
<i>Melampyrum lineare</i> , Cow-wheat .....	T
<i>Melanthium virginicum</i> , Bunchflower .....	T
<i>Melanthium woodii</i> ( <i>Veratrum woodii</i> ), Wood's-hellebore.....	T
<i>Melica nitens</i> , Three-flowered Melic.....	T
<i>Menyanthes trifoliata</i> , Buckbean .....	T
<i>Minuartia michauxii</i> , Rock Sandwort.....	P
<i>Moehringia lateriflora</i> , Grove Sandwort.....	P
<i>Monarda punctata</i> , Dotted Horsemint.....	E

<i>Moneses uniflora</i> , One-flowered Wintergreen .....	X
<i>Mononeuria patula</i> ( <i>Minuartia patula</i> ), Spreading Sandwort .....	E
<i>Muhlenbergia capillaris</i> , Hair Grass .....	X
<i>Muhlenbergia cuspidata</i> , Plains Muhlenbergia .....	E
<i>Muhlenbergia glabrifloris</i> , Hair Grass .....	E
<i>Myrorrhiza riparia</i> ( <i>Orobancha riparia</i> ), Louisiana Broom-rape .....	E
<i>Myrica pensylvanica</i> , Bayberry .....	E
<i>Myriophyllum heterophyllum</i> , Two-leaved Water-milfoil.....	X
<i>Myriophyllum sibiricum</i> , American Water-milfoil .....	E
<i>Myriophyllum verticillatum</i> , Green Water-milfoil.....	X
<i>Nabalus aspera</i> ( <i>Prenanthes aspera</i> ), Rough Rattlesnake-root .....	T
<i>Nabalus racemosa</i> ( <i>Prenanthes racemosa</i> ), Prairie Rattlesnake-root ..	P
<i>Nabalus trifoliolata</i> ( <i>Prenanthes trifoliolata</i> ), Gall-of-the-earth.....	E
<i>Najas gracillima</i> , Thread-like Naiad .....	E
<i>Neottia cordata</i> ( <i>Listera cordata</i> ), Heart-leaved Twayblade .....	E
<i>Nothoscordum bivalve</i> , False Garlic .....	T
<i>Nuphar variegata</i> , Bullhead-lily .....	E
<i>Nuttallanthus canadensis</i> , Old-field Toadflax .....	E
<i>Oclemena acuminata</i> ( <i>Aster acuminatus</i> ), Mountain Aster.....	X
<i>Oenothera clelandii</i> , Cleland's Evening-primrose .....	E
<i>Oenothera oakesiana</i> , Oakes' Evening-primrose .....	P
<i>Opuntia cespitosa</i> ( <i>O. humifusa</i> ), Common Prickly Pear.....	P
<i>Orthilia secunda</i> , One-sided Wintergreen .....	X
<i>Oryzopsis asperifolia</i> , Large-leaved Mountain-rice .....	T
<i>Oxalis montana</i> ( <i>O. acetosella</i> ), White Wood-sorrel .....	E
<i>Packera paupercula</i> ( <i>Senecio pauperculus</i> ), Balsam Squaw-weed .....	T
<i>Panicum philadelphicum</i> ( <i>sensu stricto</i> , see Fernald 1950), Philadelphia Panic Grass.....	T
<i>Panicum tuckermanii</i> ( <i>P. philadelphicum</i> in part, see Fernald, 1950), Tuckerman's Panic Grass .....	E
<i>Paspalum repens</i> ( <i>P. fluitans</i> ), Riverbank Paspalum.....	T
<i>Passiflora incarnata</i> , Maypop .....	T
<i>Paxistima canbyi</i> , Cliff-green .....	E
<i>Penstemon canescens</i> , Gray Beard-tongue .....	T
<i>Penstemon pallidus</i> , Downy White Beard-tongue.....	T
<i>Penstemon tubaeiflorus</i> , White-wand Beard-tongue .....	X
<i>Perideridia americana</i> , Eastern Yampah .....	E
<i>Persicaria careyi</i> ( <i>Polygonum careyi</i> ), Carey's Smartweed .....	E
<i>Persicaria robustior</i> ( <i>Polygonum robustius</i> ), Coarse Smartweed.....	P
<i>Persicaria setacea</i> ( <i>Polygonum setaceum</i> var. <i>interjectum</i> ), Bristly Smartweed	E
<i>Phacelia covillei</i> , Blue Scorpion-weed.....	E
<i>Phacelia dubia</i> , Small-flowered Scorpion-weed .....	E
<i>Phaseolus polystachios</i> , Wild Kidney Bean .....	P

<i>Phlox latifolia</i> ( <i>P. ovata</i> ), Mountain Phlox.....	E	
<i>Phragmites australis</i> ssp. <i>americanus</i> , American Reed Grass .....	P	
<i>Phyllanthus caroliniensis</i> , Carolina Leaf-flower .....	T	
<i>Piptatherum racemosum</i> ( <i>Oryzopsis racemosa</i> ), Mountain-rice .....	P	
<i>Piptochaetium avenaceum</i> , Black-seeded Needle Grass .....	E	
<i>Pityopsis graminifolia</i> ( <i>Chrysopsis graminifolia</i> ), Silk-grass .....	E	
<i>Plantago cordata</i> , Heart-leaved Plantain.....	E	
<i>Plantago patagonica</i> , Woolly Plantain.....	X	
<i>Platanthera aquilonis</i> ( <i>P. hyperborea</i> in part), Tall Northern Green Orchid.....	X	
<i>Platanthera blephariglottis</i> , White Fringed Orchid.....	E	
<i>Platanthera ciliaris</i> , Yellow Fringed Orchid.....	T	
<i>Platanthera grandiflora</i> , Large Purple Fringed Orchid.....	X	
<i>Platanthera hookeri</i> , Hooker's Orchid .....	X	
<i>Platanthera leucophaea</i> , Prairie Fringed Orchid.....	T	T
<i>Platanthera psycodes</i> , Small Purple Fringed Orchid.....	T	
<i>Pluchea camphorata</i> , Camphor-weed .....	E	
<i>Poa saltuensis</i> ssp. <i>saltuensis</i> , Pasture Blue Grass .....	E	
<i>Poa wolfii</i> , Wolf's Blue Grass .....	E	
<i>Podostemum ceratophyllum</i> , Riverweed .....	E	
<i>Pogonia ophioglossoides</i> , Rose Pogonia .....	T	
<i>Polygala cruciata</i> var. <i>aquilonia</i> , Cross-leaved Milkwort .....	E	
<i>Polygala curtissii</i> , Curtiss' Milkwort .....	E	
<i>Polygala incarnata</i> , Pink Milkwort .....	T	
<i>Polygala paucifolia</i> , Gay-wings .....	E	
<i>Polygala polygama</i> , Racemed Milkwort .....	T	
<i>Populus balsamifera</i> , Balsam Poplar .....	E	
<i>Potamogeton friesii</i> , Fries' Pondweed.....	X	
<i>Potamogeton gramineus</i> , Grass-like Pondweed .....	E	
<i>Potamogeton hillii</i> , Hill's Pondweed.....	E	
<i>Potamogeton natans</i> , Floating Pondweed.....	P	
<i>Potamogeton perfoliatus</i> , Red-headed Pondweed .....	X	
<i>Potamogeton praelongus</i> , White-stemmed Pondweed.....	E	
<i>Potamogeton pulcher</i> , Spotted Pondweed .....	E	
<i>Potamogeton robbinsii</i> , Robbins' Pondweed .....	E	
<i>Potamogeton spirillus</i> , Spiral Pondweed.....	X	
<i>Potamogeton strictifolius</i> , Straight-leaved Pondweed.....	X	
<i>Potamogeton tennesseeensis</i> , Tennessee Pondweed .....	P	
<i>Potamogeton vaseyi</i> , Vasey's Pondweed.....	X	
<i>Potamogeton zosteriformis</i> , Flat-stemmed Pondweed.....	T	
<i>Potentilla supina</i> ssp. <i>paradoxa</i> ( <i>Potentilla paradoxa</i> ), Bushy Cinquefoil .....	T	
<i>Prosartes maculata</i> ( <i>Disporum maculatum</i> ), Nodding Mandarin .....	T	



<i>Prunus nigra</i> , Canada Plum.....	E
<i>Prunus pumila</i> var. <i>cuneata</i> , Sand Cherry.....	E
<i>Prunus pumila</i> var. <i>pumila</i> , Great Lakes Sand Cherry.....	X
<i>Prunus rivularis</i> ( <i>P. munsoniana</i> ), Wild Goose Plum.....	A
<i>Pseudognaphalium macounii</i> ( <i>Gnaphalium viscosum</i> ), Winged Cudweed.....	E
<i>Pycnanthemum verticillatum</i> var. <i>pilosum</i> , Hairy Mountain-mint.....	T
<i>Pyrola chlorantha</i> , Green-flowered Wintergreen.....	E
<i>Quercus falcata</i> , Southern Red Oak.....	T
<i>Quercus marilandica</i> , Blackjack Oak.....	P
<i>Ranunculus ambigens</i> , Water-plantain Spearwort.....	E
<i>Ranunculus fascicularis</i> , Early Buttercup.....	T
<i>Ranunculus pusillus</i> , Low Spearwort.....	E
<i>Rhexia virginica</i> , Virginia Meadow-beauty.....	P
<i>Rhododendron calendulaceum</i> , Flame Azalea.....	E
<i>Rhododendron groenlandicum</i> , Labrador-tea.....	X
<i>Rhododendron maximum</i> , Great Rhododendron.....	T
<i>Rhododendron periclymenoides</i> , Pinxter-flower.....	T
<i>Rhus aromatica</i> var. <i>arenaria</i> , Beach Sumac.....	X
<i>Rhynchospora alba</i> , White Beak-rush.....	P
<i>Rhynchospora recognita</i> , Tall Grass-like Beak-rush.....	E
<i>Saccharum alopecuroidea</i> ( <i>Erianthus alopecuroides</i> ), Silver Plume Grass.....	E
<i>Ribes glandulosum</i> , Skunk Currant.....	X
<i>Ribes missouriense</i> , Missouri Gooseberry.....	T
<i>Ribes triste</i> , Swamp Red Currant.....	E
<i>Ripariosida hermaphrodita</i> ( <i>Sida hermaphrodita</i> ), Virginia-mallow ..	P
<i>Rorippa aquatica</i> , Lake Cress.....	E
<i>Rosa arkansana</i> , Prairie Wild Rose.....	X
<i>Rosa blanda</i> , Smooth Rose.....	P
<i>Rubus beamanii</i> , Beaman's Dewberry (Widrechner and Riley 2017).	A
<i>Rubus dalibarda</i> ( <i>Dalibarda repens</i> ), Robin-run-away.....	E
<i>Rubus fulleri</i> (see Davis <i>et al.</i> 1967), Fuller's Bristleberry.....	E
<i>Rubus trivialis</i> , Southern Dewberry.....	E
<i>Sagina decumbens</i> , Southern Pearlwort.....	E
<i>Sagittaria cuneata</i> , Wapato.....	T
<i>Sagittaria graminea</i> , Grass-leaved Arrowhead.....	E
<i>Sagittaria platyphylla</i> , Elliptic-leaved Arrowhead.....	X
<i>Sagittaria rigida</i> , Deer's-tongue Arrowhead.....	P
<i>Salix candida</i> , Hoary Willow.....	T
<i>Salix caroliniana</i> , Carolina Willow.....	P
<i>Salix myricoides</i> , Blue-leaved Willow.....	P
<i>Salix pedicellaris</i> , Bog Willow.....	E

<i>Salix petiolaris</i> , Slender Willow .....	T	
<i>Salix serissima</i> , Autumn Willow .....	P	
<i>Sarracenia purpurea</i> , Purple Pitcher-plant.....	T	
<i>Scheuchzeria palustris</i> , Arrow-Grass .....	E	
<i>Schizachne purpurascens</i> , False Melic .....	T	
<i>Schizachyrium littorale</i> ( <i>S. scoparium</i> var. <i>littoralis</i> ), Coastal Little Bluestem.....	E	
<i>Schoenoplectus americanus</i> , Olney's Three-square .....	E	
<i>Schoenoplectiella hallii</i> , Hall's Bulrush .....	E	
<i>Schoenoplectiella saximontana</i> , Rocky Mountain Bulrush.....	E	
<i>Schoenoplectiella smithii</i> , Smith's Bulrush .....	T	
<i>Schoenoplectus subterminalis</i> , Swaying-rush.....	E	
<i>Schoenoplectus torreyi</i> , Torrey's Bulrush .....	E	
<i>Scirpus expansus</i> , Woodland Bulrush.....	P	
<i>Scleria pauciflora</i> , Few-flowered Nut-rush.....	P	
<i>Scleria triglomerata</i> , Tall Nut-rush .....	P	
<i>Scutellaria saxatilis</i> , Rock Skullcap .....	T	
<i>Sericocarpus linifolius</i> ( <i>Aster solidagineus</i> ), Narrow-leaved Aster .....	T	
<i>Shepherdia canadensis</i> , Canada Buffalo-berry.....	P	
<i>Silene caroliniana</i> ssp. <i>pennsylvanica</i> , Carolina Catchfly.....	T	
<i>Silene caroliniana</i> ssp. <i>wherryi</i> , Wherry's Catchfly.....	T	
<i>Silene nivea</i> , Snowy Champion .....	E	
<i>Silene regia</i> , Royal Catchfly .....	T	
<i>Silphium laciniatum</i> , Compass-plant .....	E	
<i>Sisyrinchium atlanticum</i> , Atlantic Blue-eyed-grass.....	E	
<i>Sisyrinchium montanum</i> , Northern Blue-eyed-grass .....	T	
<i>Sisyrinchium mucronatum</i> , Narrow-leaved Blue-eyed-grass .....	T	
<i>Smilax pulverulenta</i> , Downy Carrion-flower.....	E	
<i>Solidago arguta</i> , Cut-leaved Goldenrod .....	X	
<i>Solidago odora</i> , Sweet Goldenrod.....	T	
<i>Solidago ptarmicoides</i> , White Upland Goldenrod.....	X	
<i>Solidago puberula</i> , Dusty Goldenrod .....	E	
<i>Solidago rigidiuscula</i> , Slender Showy Goldenrod.....	E	
<i>Solidago speciosa</i> , Showy Goldenrod .....	T	
<i>Solidago sphacelata</i> , False Goldenrod .....	E	
<i>Solidago squarrosa</i> , Leafy Goldenrod.....	T	
<i>Sorbus decora</i> , Northern Mountain Ash.....	E	
<i>Sparganium androcladum</i> , Keeled Bur-reed .....	T	
<i>Sparganium emersum</i> ( <i>S. chlorocarpum</i> ), Small Bur-reed.....	E	
<i>Spermacoce glabra</i> , Smooth Buttonweed.....	P	
<i>Sphenopholis obtusata</i> var. <i>obtusata</i> , Prairie Wedge Grass .....	E	
<i>Spiraea virginiana</i> , Virginia Spiraea .....	E	T
<i>Spiranthes lucida</i> , Shining Ladies'-tresses .....	P	

<i>Spiranthes magnicamporum</i> , Great Plains Ladies'-tresses.....	P	
<i>Spiranthes romanzoffiana</i> , Hooded Ladies'-tresses .....	T	
<i>Sporobolus heterolepis</i> , Prairie Dropseed.....	E	
<i>Stenanthium gramineum</i> , Feather-bells .....	P	
<i>Streptopus lanceolatus</i> ( <i>S. roseus</i> ), Rose Twisted-stalk .....	E	
<i>Stuckenia filiformis</i> ( <i>Potamogeton filiformis</i> ), Filiform Pondweed.....	X	
<i>Styrax grandifolius</i> , Bigleaf Snowbell .....	X	
<i>Symphotrichum drummondii</i> ( <i>Aster drummondii</i> ), Drummond's Aster	T	
<i>Symphotrichum dumosum</i> ( <i>Aster dumosus</i> ), Bushy Aster .....	T	
<i>Symphoricarpos albus</i> var. <i>albus</i> , Snowberry .....	X	
<i>Symphotrichum oblongifolium</i> ( <i>Aster oblongifolius</i> ), Shale Barren Aster	T	
<i>Tetraneuris herbacea</i> ( <i>Hymenoxys herbacea</i> ), Lakeside Daisy .....	E	T
<i>Toxicodendron rydbergii</i> , Northern Poison-ivy.....	E	
<i>Triadenum tubulosum</i> , Large Marsh St. John's-wort .....	T	
<i>Triadenum walteri</i> , Walter's St. John's-wort .....	T	
<i>Triantha glutinosa</i> ( <i>Tofieldia glutinosa</i> ), False Asphodel.....	P	
<i>Trichostema dichotomum</i> var. <i>lineare</i> ( <i>T. setaceum</i> ), Narrow-leaved Bluecurls .....	E	
<i>Trifolium reflexum</i> , Buffalo Clover .....	E	
<i>Trifolium stoloniferum</i> , Running Buffalo Clover .....	E	E
<i>Triglochin maritimum</i> , Seaside Arrow-grass.....	T	
<i>Triglochin palustris</i> , Marsh Arrow-grass .....	P	
<i>Trillium cernuum</i> , Nodding Trillium .....	X	
<i>Trillium recurvatum</i> , Prairie Wake-robin .....	P	
<i>Trillium undulatum</i> , Painted Trillium.....	E	
<i>Triphora trianthophora</i> , Three-birds Orchid.....	P	
<i>Trollius laxis</i> , Spreading Globeflower .....	E	
<i>Turritis glabra</i> , Tower Mustard.....	P	
<i>Ulmus thomasii</i> , Rock Elm .....	P	
<i>Urtica chamaedryoides</i> , Spring Nettle .....	E	
<i>Utricularia cornuta</i> , Horned Bladderwort.....	E	
<i>Utricularia geminiscapa</i> , Two-scaped Bladderwort.....	E	
<i>Utricularia intermedia</i> , Flat-leaved Bladderwort.....	T	
<i>Utricularia minor</i> , Lesser Bladderwort .....	T	
<i>Vaccinium myrtilloides</i> , Velvet-leaved Blueberry .....	E	
<i>Vaccinium oxycoccos</i> , Small Cranberry .....	T	
<i>Valeriana ciliata</i> ( <i>V. edulis</i> var. <i>ciliata</i> ), Prairie Valerian.....	E	
<i>Valeriana uliginosa</i> , Swamp Valerian.....	X	
<i>Verbesina occidentalis</i> , Yellow Crown-beard .....	T	
<i>Vernonia fasciculata</i> , Prairie Ironweed .....	T	
<i>Vernonia missurica</i> , Missouri Ironweed.....	E	
<i>Vernonia noveboracensis</i> , New York Ironweed.....	X	
<i>Viburnum lantanoides</i> , Hobblebush.....	T	

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<i>Viburnum molle</i> , Soft-leaved Arrow-wood.....	T
<i>Viburnum opulus</i> var. <i>americanum</i> , Highbush-cranberry .....	E
<i>Vicia americana</i> , American Vetch.....	E
<i>Viola baxterii</i> , Baxter's Violet.....	T
<i>Viola lanceolata</i> , Lance-leaved Violet .....	P
<i>Viola nephrophylla</i> , Northern Bog Violet .....	P
<i>Viola pedata</i> , Birdfoot Violet .....	T
<i>Viola pedatifida</i> ( <i>V. palmata</i> var. <i>pedatifida</i> ), Prairie Violet .....	X
<i>Viola primulifolia</i> , Primrose-leaved Violet.....	E
<i>Viola tripartita</i> var. <i>glaberrima</i> (see Radford <i>et al.</i> 1968), Wedge-leaved Violet .....	T
<i>Viola tripartita</i> var. <i>tripartita</i> (see Radford <i>et al.</i> 1968), Three-parted Violet.....	X
<i>Viola walteri</i> , Walter's Violet.....	T
<i>Wolffiella gladiata</i> ( <i>W. floridana</i> ), Wolffiella .....	P
<i>Xyris difformis</i> , Variable Yellow-eyed-grass.....	E
<i>Xyris torta</i> , Twisted Yellow-eyed-grass .....	T
<i>Zizania aquatica</i> , Southern Wild Rice.....	T
<i>Zizania palustris</i> , Northern Wild Rice.....	E