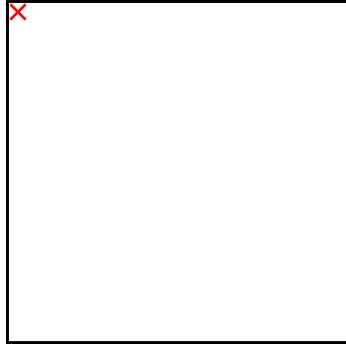


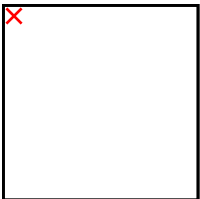


## MICHIGAN'S SPECIAL PLANTS

Endangered, Threatened, Special Concern, and Probably Extirpated

This list presents the Endangered (E), Threatened (T), and Probably Extirpated (X) plant species of Michigan, which are protected under the Endangered Species Act of the State of Michigan (Part 365 of PA 451, 1994 Michigan Natural Resources and Environmental Protection Act). The current list became effective on March 20, 2023, after extensive review by technical advisors to the Michigan Department of Natural Resources and the citizenry of the state.

Also included in this list are plant species of Special Concern. While not afforded legal protection under the Act, many of these species are of concern because of declining or relict populations in the state. Should these species continue to decline, they would be recommended for Threatened or Endangered status. Protection of Special Concern species now, before they reach dangerously low population levels, would prevent the need to list them in the future by maintaining adequate numbers of self-sustaining populations within Michigan. Some other potentially rare species are listed as of Special Concern pending more precise information on their status in the state; when such information becomes available, they could be moved to threatened or endangered status or deleted from the list.



### Michigan Natural Features Inventory

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This list was produced by the Endangered Species Program of the Michigan Department of Natural Resources and the Michigan Natural Features Inventory. English names in common usage or from published sources have been incorporated, when possible, to promote public understanding of and participation in the Endangered Species Program. To comment on the list or request additional copies, or for information on the Endangered Species Program, contact the Endangered Species Coordinator, Wildlife Division, Michigan Department of Natural Resources, P.O. Box 30028, Lansing, MI 48909 (517-373-1263). To report occurrences of these species, contact the Michigan Natural Features Inventory, Mason Building, P.O. Box 30444, Lansing, MI 48909-7944 (517-373-1552).

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## LEGEND

### State Status

|           |                 |
|-----------|-----------------|
| <b>E</b>  | Endangered      |
| <b>T</b>  | Threatened      |
| <b>SC</b> | Special concern |

### Federal Status

|               |                                                             |
|---------------|-------------------------------------------------------------|
| <b>LE</b>     | Listed endangered                                           |
| <b>LT</b>     | Listed threatened                                           |
| <b>LELT</b>   | Partly listed endangered and partly listed threatened       |
| <b>PDL</b>    | Proposed delist                                             |
| <b>E(S/A)</b> | Endangered based on similarities/appearance                 |
| <b>PS</b>     | Partial status (federally listed in only part of its range) |
| <b>C</b>      | Species being considered for federal status                 |

### Global Ranks

|           |                                                                                                                                                                                                                                                                                                                                                |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>G1</b> | Critically imperiled globally because of extreme rarity (5 or fewer occurrences range-wide or very few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extinction.                                                                                                                             |
| <b>G2</b> | Imperiled globally because of rarity (6 to 20 occurrences or few remaining individuals or acres) or because of some factor(s) making it very vulnerable to extinction throughout its range.                                                                                                                                                    |
| <b>G3</b> | Either very rare and local throughout its range or found locally (even abundantly at some of its locations) in a restricted range (e.g. a single western state, a physiographic region in the East) or because of other factor(s) making it vulnerable to extinction throughout its range; in terms of occurrences, in the range of 21 to 100. |
| <b>G4</b> | Apparently secure globally, though it may be quite rare in parts of its range, especially at the periphery.                                                                                                                                                                                                                                    |
| <b>G5</b> | Demonstrably secure globally, though it may be quite rare in parts of its range, especially at the periphery.                                                                                                                                                                                                                                  |
| <b>GH</b> | Of historical occurrence throughout its range, i.e. formerly part of the established biota, with the expectation that it may be rediscovered (e.g. Bachman's Warbler).                                                                                                                                                                         |
| <b>GU</b> | Possibly in peril range-wide, but status uncertain; need more information.                                                                                                                                                                                                                                                                     |
| <b>GX</b> | Believed to be extinct throughout its range (e.g. Passenger Pigeon) with virtually no likelihood that it will be rediscovered.                                                                                                                                                                                                                 |

### State Ranks

|            |                                                                                                                                                                                                                           |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>S1</b>  | Critically imperiled in the state because of extreme rarity (5 or fewer occurrences or very few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extirpation in the state. |
| <b>S2</b>  | Imperiled in state because of rarity (6 to 20 occurrences or few remaining individuals or acres) or because of some factor(s) making it very vulnerable to extirpation from the state.                                    |
| <b>S3</b>  | Rare or uncommon in state (on the order of 21 to 100 occurrences).                                                                                                                                                        |
| <b>S4</b>  | Apparently secure in state, with many occurrences.                                                                                                                                                                        |
| <b>S5</b>  | Demonstrably secure in state and essentially ineradicable under present conditions.                                                                                                                                       |
| <b>SA</b>  | Accidental in state, including species (usually birds or butterflies) recorded once or twice or only at very great intervals, hundreds or even thousands of miles outside their usual range.                              |
| <b>SE</b>  | An exotic established in the state; may be native elsewhere in North America (e.g. house finch or catalpa in eastern states).                                                                                             |
| <b>SH</b>  | Of historical occurrence in state and suspected to be still extant.                                                                                                                                                       |
| <b>SN</b>  | Regularly occurring, usually migratory and typically nonbreeding species.                                                                                                                                                 |
| <b>SR</b>  | Reported from state, but without persuasive documentation which would provide a basis for either accepting or rejecting the report.                                                                                       |
| <b>SRF</b> | Reported falsely (in error) from state but this error persisting in the literature.                                                                                                                                       |
| <b>SU</b>  | Possibly in peril in state, but status uncertain; need more information.                                                                                                                                                  |
| <b>SX</b>  | Apparently extirpated from state.                                                                                                                                                                                         |

| Species                                                                                           | State Status | US Status | State Rank | Global Rank |
|---------------------------------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Adlumia fungosa</i><br>Climbing fumitory                                                       | T            |           | S3         | G4          |
| <i>Agalinis auriculata</i><br>( <i>Tomanthera auriculata</i> )<br>Eared foxglove                  | X            |           | SX         | G3          |
| <i>Agalinis gattereri</i><br>Gatterer's gerardia                                                  | E            |           | S1         | G4          |
| <i>Agalinis skinneriana</i><br>Skinner's gerardia                                                 | E            |           | S1         | G3G4        |
| <i>Agastache scrophulariifolia</i><br>Purple giant-hyssop                                         | SC           |           | SNR        | G4          |
| <i>Agoseris glauca</i><br>Prairie or pale agoseris                                                | T            |           | S2         | G5          |
| <i>Agrimonia rostellata</i><br>Beaked agrimony                                                    | SC           |           | S2         | G5          |
| <i>Allium schoenoprasum</i><br>( <i>Allium schoenoprasum</i> var.<br><i>sibiricum</i> )<br>Chives | T            |           | S2         | G5          |
| <i>Amerorchis rotundifolia</i><br>( <i>Orchis rotundifolia</i> )<br>Small round-leaved orchis     | E            |           | S1         | G5          |
| <i>Ammannia robusta</i><br>Sessile tooth-cup                                                      | SC           |           | SNR        | G5          |
| <i>Amorpha canescens</i><br>Leadplant                                                             | SC           |           | S3         | G5          |
| <i>Androsace occidentalis</i><br>Rock-jasmine                                                     | X            |           | SX         | G5          |
| <i>Angelica venenosa</i><br>Hairy angelica                                                        | SC           |           | S3         | G5          |
| <i>Antennaria rosea</i><br>Rosy pussytoes                                                         | X            |           | SX         | G5          |
| <i>Aristida longespica</i><br>Three-awned grass                                                   | SC           |           | S2         | G5          |
| <i>Aristida tuberculosa</i><br>Beach three-awned grass                                            | E            |           | S1         | G4          |
| <i>Arnica cordifolia</i><br>( <i>Arnica whitneyi</i> )<br>Heart-leaved arnica                     | E            |           | S1         | G5          |
| <i>Arnica lonchophylla</i><br>Longleaf arnica                                                     | E            |           | S1         | G5          |
| <i>Arnoglossum plantagineum</i><br>( <i>Cacalia plantaginea</i> )<br>Prairie indian-plantain      | SC           |           | S3         | G4G5        |
| <i>Aronia arbutifolia</i><br>Red-fruited chokeberry                                               | T            |           | SNR        | G5          |
| <i>Artemisia ludoviciana</i><br>Western mugwort                                                   | T            |           | S1         | G5          |

| Species                                                                                                                                       | State Status | US Status | State Rank | Global Rank |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Artemisia serrata</i><br>Sawtooth wormwood                                                                                                 | T            |           | SNR        | G4?Q        |
| <i>Asclepias hirtella</i><br>Tall green milkweed                                                                                              | T            |           | S2         | G5          |
| <i>Asclepias ovalifolia</i><br>Dwarf milkweed                                                                                                 | E            |           | S1         | G5?         |
| <i>Asclepias purpurascens</i><br>Purple milkweed                                                                                              | T            |           | S2         | G4G5        |
| <i>Asclepias sullivantii</i><br>Sullivant's milkweed                                                                                          | T            |           | S2         | G5          |
| <i>Asplenium rhizophyllum</i><br>( <i>Camptosorus rhizophyllus</i> )<br>Walking fern                                                          | T            |           | S2S3       | G5          |
| <i>Asplenium ruta-muraria</i><br>Wall-rue                                                                                                     | E            |           | S1         | G5          |
| <i>Asplenium scolopendrium</i> var.<br><i>americanum</i><br>( <i>Phyllitis scolopendrium</i> var.<br><i>americana</i> )<br>Hart's-tongue fern | E            | LT        | S1         | G4T3        |
| <i>Asplenium viride</i><br>( <i>Asplenium trichomanes-ramosum</i> )<br>Green spleenwort                                                       | SC           |           | S3         | G5          |
| <i>Astragalus canadensis</i><br>Canadian milk vetch                                                                                           | SC           |           | S1S2       | G5          |
| <i>Astragalus neglectus</i><br>Cooper's milk vetch                                                                                            | SC           |           | S3         | G4          |
| <i>Baptisia lactea</i><br>( <i>Baptisia leucantha</i> )<br>White or prairie false indigo                                                      | T            |           | S3         | G4Q         |
| <i>Baptisia leucophaea</i><br>Cream wild indigo                                                                                               | E            |           | S1         | G4G5T4T5    |
| <i>Barbarea orthoceras</i><br>Northern winter cress                                                                                           | SC           |           | SNR        | G5          |
| <i>Bartonia paniculata</i><br>Panicked screwstem                                                                                              | T            |           | S2         | G5          |
| <i>Beckmannia syzigachne</i><br>Slough grass                                                                                                  | T            |           | S2         | G5          |
| <i>Berula erecta</i><br>( <i>Berula pusilla</i> )<br>Cut-leaved water parsnip                                                                 | SC           |           | S2         | G4G5        |
| <i>Besseyia bullii</i><br>Kitten-tails                                                                                                        | E            |           | S1         | G3          |
| <i>Betula murrayana</i><br>Murray birch                                                                                                       | SC           |           | S1         | G1Q         |
| <i>Betula nigra</i><br>River birch                                                                                                            | SC           |           | SNR        | G5          |

| Species                                                                                                         | State Status | US Status | State Rank | Global Rank |
|-----------------------------------------------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Betula populifolia</i><br>Gray birch                                                                         | SC           |           | S3         | G5          |
| <i>Bistorta vivipara</i><br>( <i>Polygonum viviparum</i> )<br>Alpine bistort                                    | T            |           | S1S2       | G5          |
| <i>Boechea dentata</i><br>( <i>Arabis perstellata</i> )<br>Rock cress                                           | T            |           | S1         | G5          |
| <i>Boechea missouriensis</i><br>( <i>Arabis missouriensis</i> )<br>Missouri rock-cress                          | T            |           | S2         | G5          |
| <i>Botrychium campestre</i><br>Prairie moonwort or Dunewort                                                     | T            |           | S2         | G3G4        |
| <i>Botrychium michiganense</i><br>( <i>Botrychium hesperium</i> )<br>Michigan moonwort                          | T            |           | S2         | G3          |
| <i>Botrychium mormo</i><br>Goblin moonwort                                                                      | E            |           | S2         | G2Q         |
| <i>Botrychium pallidum</i><br>Pale moonwort                                                                     | SC           |           | S3         | G3          |
| <i>Botrychium spathulatum</i><br>Spatulate moonwort                                                             | T            |           | S2         | G3          |
| <i>Bouteloua curtipendula</i><br>Side-oats grama grass                                                          | E            |           | S1         | G5          |
| <i>Braya humilis</i><br>Low northern rock cress                                                                 | X            |           | SX         | G5          |
| <i>Brickellia eupatorioides</i><br>( <i>Kuhnia eupatorioides</i> )<br>False boneset                             | SC           |           | S2         | G5          |
| <i>Bromus pumpellianus</i><br>Pumpelly's brome grass                                                            | T            |           | S2         | G5T5        |
| <i>Buchnera americana</i><br>Bluehearts                                                                         | X            |           | SX         | G5?         |
| <i>Calamagrostis stricta</i> ssp. <i>stricta</i><br>( <i>Calamagrostis stricta</i> )<br>Narrow-leaved reedgrass | T            |           | S1         | G5T5        |
| <i>Callitriche hermaphrodita</i><br>Autumnal water-starwort                                                     | SC           |           | S2         | G5          |
| <i>Callitriche heterophylla</i><br>Large water starwort                                                         | T            |           | S1         | G5          |
| <i>Caltha natans</i><br>Floating marsh marigold                                                                 | E            |           | SNR        | G5          |
| <i>Calypso bulbosa</i><br>Calypso or fairy-slipper                                                              | T            |           | S2         | G5          |
| <i>Camassia scilloides</i><br>Wild hyacinth                                                                     | T            |           | S2         | G5          |
| <i>Canadanthus modestus</i><br>( <i>Aster modestus</i> )<br>Great northern aster                                | T            |           | S1         | G5          |

| Species                                                                  | State Status | US Status | State Rank | Global Rank |
|--------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Cardamine maxima</i><br>( <i>Dentaria maxima</i> )<br>Large toothwort | SC           |           | S1S2       | G5          |
| <i>Carex albolutescens</i><br>Sedge                                      | T            |           | S2         | G5          |
| <i>Carex amphibola</i><br>Narrow-leaved sedge                            | SC           |           | SNR        | G5          |
| <i>Carex assiniboinensis</i><br>Assiniboia sedge                         | T            |           | S2         | G4G5        |
| <i>Carex atratiformis</i><br>Sedge                                       | T            |           | S2         | G5          |
| <i>Carex conjuncta</i><br>Sedge                                          | T            |           | S1         | G4G5        |
| <i>Carex crus-corvi</i><br>Raven's-foot sedge                            | E            |           | S1         | G5          |
| <i>Carex decomposita</i><br>Log sedge                                    | X            |           | SX         | G3G4        |
| <i>Carex festucacea</i><br>Fescue sedge                                  | T            |           | S1         | G5          |
| <i>Carex grvida</i><br>Sedge                                             | X            |           | SX         | G5          |
| <i>Carex haydenii</i><br>Hayden's sedge                                  | X            |           | SX         | G5          |
| <i>Carex heleonastes</i><br>Hudson Bay sedge                             | E            |           | S1         | G4          |
| <i>Carex hirsutella</i><br>Sedge                                         | SC           |           | SNR        | G5          |
| <i>Carex inops</i> ssp. <i>heliophila</i><br>Sun sedge                   | T            |           | S3         | G5T5        |
| <i>Carex lupuliformis</i><br>False hop sedge                             | T            |           | S2         | G4          |
| <i>Carex media</i><br>Sedge                                              | T            |           | S2S3       | G5T5        |
| <i>Carex nigra</i><br>Black sedge                                        | E            |           | S1         | G5          |
| <i>Carex novae-angliae</i><br>New England sedge                          | T            |           | S1         | G5          |
| <i>Carex oligocarpa</i><br>Eastern few-fruited sedge                     | T            |           | S2         | G4G5        |
| <i>Carex platyphylla</i><br>Broad-leaved sedge                           | E            |           | S1         | G5          |
| <i>Carex praticola</i><br>Northern meadow sedge                          | X            |           | SX         | G5          |
| <i>Carex richardsonii</i><br>Richardson's sedge                          | SC           |           | S3S4       | G5          |
| <i>Carex rossii</i><br>Ross's sedge                                      | T            |           | S2         | G5          |

| Species                                                                                                   | State Status | US Status | State Rank | Global Rank |
|-----------------------------------------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Carex scirpoidea</i><br>Bulrush sedge                                                                  | T            |           | S2         | G5          |
| <i>Carex seorsa</i><br>Sedge                                                                              | T            |           | S2         | G5          |
| <i>Carex straminea</i><br>Straw sedge                                                                     | E            |           | SH         | G5          |
| <i>Carex tinctoria</i><br>Sedge                                                                           | E            |           | S1         | G4G5        |
| <i>Carex trichocarpa</i><br>Hairy-fruited sedge                                                           | SC           |           | S2         | G4          |
| <i>Carex typhina</i><br>Cattail sedge                                                                     | T            |           | S1         | G5          |
| <i>Carex viridistellata</i><br>Greenstar sedge                                                            | T            |           | SNR        | G2G3        |
| <i>Carex wiegandii</i><br>Wiegand's sedge                                                                 | SC           |           | S3         | G4G5        |
| <i>Castanea dentata</i><br>American chestnut                                                              | E            |           | S1S2       | G3          |
| <i>Castilleja septentrionalis</i><br>Pale Indian paintbrush                                               | T            |           | S2S3       | G5          |
| <i>Ceanothus sanguineus</i><br>Wild lilac                                                                 | T            |           | S2         | G5          |
| <i>Cerastium brachypodium</i><br>Shortstalk chickweed                                                     | T            |           | S2         | G5          |
| <i>Cerastium velutinum</i><br>Field Chickweed                                                             | X            |           | SX         | G5T4?       |
| <i>Chamaerhodos nuttallii</i> var.<br><i>keweenawensis</i><br>( <i>Chamaerhodos erecta</i> )<br>Rock-rose | E            |           | S1         | G5T1Q       |
| <i>Chasmanthium latifolium</i><br>( <i>Uniola latifolia</i> )<br>Wild oats                                | X            |           | S1         | G5          |
| <i>Chelone obliqua</i><br>Purple turtlehead                                                               | E            |           | S1         | G4          |
| <i>Chenopodium berlandieri</i><br>Pit-seed goosefoot                                                      | SC           |           | SNR        | G5          |
| <i>Chenopodium standleyanum</i><br>Woodland goosefoot                                                     | SC           |           | SNR        | G5          |
| <i>Cirsium hillii</i><br>( <i>Cirsium pumilum</i> var.<br><i>hillii</i> )<br>Hill's thistle               | SC           |           | S3         | G3          |
| <i>Cirsium pitcheri</i><br>Pitcher's thistle                                                              | T            | LT        | S3         | G3          |
| <i>Collinsia parviflora</i><br>Small blue-eyed Mary                                                       | SC           |           | S2         | G5          |

| Species                                                                              | State Status | US Status | State Rank | Global Rank |
|--------------------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Collinsia verna</i><br>Blue-eyed Mary                                             | T            |           | SNR        | G5          |
| <i>Commelina erecta</i><br>Slender dayflower                                         | X            |           | SX         | G5          |
| <i>Conioselinum chinense</i><br>Hemlock-parsley                                      | SC           |           | SNR        | G5          |
| <i>Coptidium lapponicum</i><br>( <i>Ranunculus lapponicus</i> )<br>Lapland buttercup | T            |           | S1S2       | G5          |
| <i>Coreopsis palmata</i><br>Prairie coreopsis                                        | E            |           | S2         | G5          |
| <i>Corispermum americanum</i><br>American bugseed                                    | SC           |           | SNR        | G5?         |
| <i>Corispermum pallasii</i><br>Pallas' bugseed                                       | SC           |           | SNR        | G4?         |
| <i>Corydalis flavula</i><br>Yellow fumewort                                          | T            |           | S2         | G5          |
| <i>Crataegus douglasii</i><br>Douglas's hawthorn                                     | SC           |           | S3S4       | G5          |
| <i>Cryptogramma acrostichoides</i><br>American rock-brake                            | T            |           | S2         | G5          |
| <i>Cuscuta campestris</i><br>Field dodder                                            | SC           |           | S1         | G5          |
| <i>Cuscuta glomerata</i><br>Rope dodder                                              | SC           |           | SH         | G5          |
| <i>Cuscuta indecora</i><br>Dodder                                                    | SC           |           | SH         | G5          |
| <i>Cuscuta pentagona</i><br>Dodder                                                   | SC           |           | S1         | G4G5        |
| <i>Cuscuta polygonorum</i><br>Knotweed dodder                                        | SC           |           | S2         | G5          |
| <i>Cyperus acuminatus</i><br>Cyperus, Nut grass                                      | T            |           | SX         | G5          |
| <i>Cypripedium arietinum</i><br>Ram's head lady's-slipper                            | SC           |           | S3         | G3          |
| <i>Cypripedium candidum</i><br>White lady slipper                                    | T            |           | S2         | G4          |
| <i>Cystopteris laurentiana</i><br>Laurentian fragile fern                            | SC           |           | S1S2       | G3          |
| <i>Dalea purpurea</i><br>( <i>Petalostemum purpureum</i> )<br>Purple prairie clover  | X            |           | SX         | G5          |
| <i>Dalibarda repens</i><br>False violet                                              | T            |           | S1S2       | G5          |
| <i>Danthonia intermedia</i><br>Wild oat grass                                        | SC           |           | S1S2       | G5          |

| Species                                                                                         | State Status | US Status | State Rank | Global Rank |
|-------------------------------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Dasistoma macrophylla</i><br>( <i>Seymeria macrophylla</i> )<br>Mullein-foxglove             | T            |           | S1         | G4          |
| <i>Dennstaedtia punctilobula</i><br>Hay-scented fern                                            | E            |           | S1         | G5          |
| <i>Dichanthelium leibergii</i><br>( <i>Panicum leibergii</i> )<br>Leiberg's panic grass         | T            |           | S2         | G4          |
| <i>Dichanthelium microcarpon</i><br>( <i>Panicum microcarpon</i> )<br>Small-fruited panic-grass | X            |           | SX         | G5TNR       |
| <i>Dichanthelium polyanthes</i><br>( <i>Panicum polyanthes</i> )<br>Round-seed panic-grass      | E            |           | S1         | G5          |
| <i>Digitaria filiformis</i><br>Slender finger grass                                             | X            |           | SX         | G5          |
| <i>Diphasiastrum alpinum</i><br>( <i>Lycopodium alpinum</i> )<br>Alpine clubmoss                | X            |           | SX         | G5          |
| <i>Draba arabisans</i><br>Rock whitlow grass                                                    | SC           |           | S3         | G4G5        |
| <i>Draba cana</i><br>Ashy whitlow grass                                                         | E            |           | S1         | G5          |
| <i>Draba glabella</i><br>Smooth whitlow grass                                                   | E            |           | S1         | G5          |
| <i>Draba incana</i><br>Twisted whitlow grass                                                    | E            |           | S1         | G5          |
| <i>Draba reptans</i><br>Creeping whitlow grass                                                  | T            |           | S1         | G5          |
| <i>Drosera anglica</i><br>( <i>Drosera Xanglica</i> )<br>English sundew                         | SC           |           | S3         | G5          |
| <i>Dryopteris celsa</i><br>Small log fern                                                       | T            |           | S2         | G4          |
| <i>Dryopteris filix-mas</i><br>Male fern                                                        | SC           |           | S3         | G5          |
| <i>Dryopteris fragrans</i><br>Fragrant cliff woodfern                                           | SC           |           | S3         | G5          |
| <i>Echinacea purpurea</i><br>Purple coneflower                                                  | X            |           | SX         | G5          |
| <i>Echinodorus tenellus</i><br>( <i>Echinodorus parvulus</i> )<br>Dwarf burhead                 | E            |           | S1         | G5?         |
| <i>Eleocharis atropurpurea</i><br>Purple spike rush                                             | E            |           | S1         | G4G5        |
| <i>Eleocharis compressa</i><br>Flattened spike rush                                             | T            |           | S2         | GNRT4       |
| <i>Eleocharis engelmannii</i><br>Engelmann's spike rush                                         | SC           |           | S2S3       | G4G5        |

| Species                                                                                  | State Status | US Status | State Rank | Global Rank |
|------------------------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Eleocharis equisetoides</i><br>Horsetail spike rush                                   | SC           |           | S3         | G4          |
| <i>Eleocharis geniculata</i><br>Spike-rush                                               | X            |           | SX         | G5          |
| <i>Eleocharis microcarpa</i><br>Small-fruited spike-rush                                 | E            |           | S1         | G5          |
| <i>Eleocharis nitida</i><br>Slender spike rush                                           | E            |           | S1         | G4          |
| <i>Eleocharis parvula</i><br>Dwarf spike-rush                                            | E            |           | S1         | G5          |
| <i>Eleocharis radicans</i><br>Spike rush                                                 | E            |           | S1         | G5          |
| <i>Eleocharis tricostata</i><br>Three-ribbed spike rush                                  | T            |           | S2         | G4          |
| <i>Elymus glaucus</i><br>Blue wild-rye                                                   | SC           |           | S3         | G5          |
| <i>Empetrum nigrum</i><br>Black crowberry                                                | T            |           | S2         | G5          |
| <i>Endodeca serpentaria</i><br>( <i>Aristolochia serpentaria</i> )<br>Virginia snakeroot | T            |           | S2         | G4          |
| <i>Equisetum telmateia</i><br>Giant horsetail                                            | X            |           | SX         | G5          |
| <i>Eragrostis capillaris</i><br>Love grass                                               | SC           |           | SH         | G5          |
| <i>Erigeron acris</i><br>Fleabane                                                        | X            |           | S1S2       | G5          |
| <i>Erigeron hyssopifolius</i><br>Hyssop-leaved fleabane                                  | T            |           | S1         | G5          |
| <i>Eriophorum russeolum</i><br>Russet cotton-grass                                       | T            |           | SNR        | G5          |
| <i>Eryngium yuccifolium</i><br>Rattlesnake-master or button snakeroot                    | E            |           | S2         | G5          |
| <i>Euonymus atropurpureus</i><br>( <i>Euonymus atropurpurea</i> )<br>Wahoo               | SC           |           | S3         | G5          |
| <i>Eupatorium sessilifolium</i><br>Upland boneset                                        | T            |           | S1         | G5          |
| <i>Euphorbia commutata</i><br>Tinted spurge                                              | T            |           | S1         | G5          |
| <i>Euphrasia hudsoniana</i><br>Eyebright                                                 | T            |           | S1         | G5?         |
| <i>Euphrasia nemorosa</i><br>( <i>Euphrasia arctica</i> )<br>Eyebright                   | T            |           | S1         | G5          |
| <i>Eurybia furcata</i><br>( <i>Aster furcatus</i> )<br>Forked aster                      | T            |           | S1         | G3          |

| Species                                                                                         | State Status | US Status | State Rank | Global Rank |
|-------------------------------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Eutrochium fistulosum</i><br>( <i>Eupatorium fistulosum</i> )<br>Hollow-stemmed Joe-pye weed | T            |           | S1         | G5          |
| <i>Festuca altaica</i><br>( <i>Festuca scabrella</i> )<br>Rough fescue                          | SC           |           | S2S3       | G5          |
| <i>Filipendula rubra</i><br>Queen-of-the-prairie                                                | T            |           | S2         | G4G5        |
| <i>Fimbristylis puberula</i><br>Chestnut sedge                                                  | X            |           | SX         | G5          |
| <i>Fraxinus profunda</i><br>( <i>Fraxinus tomentosa</i> )<br>Pumpkin ash                        | T            |           | S2         | G4          |
| <i>Fuirena pumila</i><br>Umbrella-grass                                                         | T            |           | S2         | G4          |
| <i>Galearis spectabilis</i><br>( <i>Orchis spectabilis</i> )<br>Showy orchis                    | T            |           | S2         | G5          |
| <i>Galium kamtschaticum</i><br>Bedstraw                                                         | E            |           | S1         | G5          |
| <i>Gentiana alba</i><br>( <i>Gentiana flavida</i> )<br>White gentian                            | E            |           | S1         | G4          |
| <i>Gentiana linearis</i><br>Narrow-leaved gentian                                               | T            |           | S2         | G4G5        |
| <i>Gentiana puberulenta</i><br>( <i>Gentiana puberula</i> )<br>Downy gentian                    | E            |           | S1         | G4G5        |
| <i>Gentiana saponaria</i><br>Soapwort gentian                                                   | X            |           | SX         | G5          |
| <i>Gentianella quinquefolia</i><br>Stiff gentian                                                | T            |           | S2         | G5          |
| <i>Geum triflorum</i><br>Prairie smoke                                                          | T            |           | S2S3       | G5          |
| <i>Geum virginianum</i><br>Pale avens                                                           | T            |           | S1S2       | G5          |
| <i>Gillenia trifoliata</i><br>( <i>Porteranthus trifoliatus</i> )<br>Bowman's root              | X            |           | SX         | G4G5        |
| <i>Glyceria acutiflora</i><br>Manna grass                                                       | E            |           | S1         | G5          |
| <i>Glyceria melicaria</i><br>Slender manna grass                                                | T            |           | S1         | G5          |
| <i>Graphephorum melicoides</i><br>( <i>Trisetum melicoides</i> )<br>Purple false oats           | SC           |           | SNR        | G4G5        |
| <i>Gratiola aurea</i><br>( <i>Gratiola lutea</i> )<br>Hedge-hyssop                              | T            |           | S1S2       | G5          |

| Species                                                                       | State Status | US Status | State Rank | Global Rank |
|-------------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Gratiola virginiana</i><br>Annual hedge hyssop                             | T            |           | S1         | G5          |
| <i>Gymnocarpium jessoense</i><br>Northern oak fern                            | E            |           | S1         | G5          |
| <i>Gymnocarpium robertianum</i><br>Limestone oak fern                         | T            |           | S2         | G5          |
| <i>Hedysarum alpinum</i><br>Alpine sainfoin                                   | E            |           | S1         | G5          |
| <i>Helianthus hirsutus</i><br>Whiskered sunflower                             | SC           |           | S3         | G5          |
| <i>Helianthus microcephalus</i><br>Small wood sunflower                       | X            |           | SX         | G5          |
| <i>Helianthus mollis</i><br>Downy sunflower                                   | T            |           | S2         | G4G5        |
| <i>Hibiscus laevis</i><br>( <i>Hibiscus militaris</i> )<br>Smooth rose-mallow | X            |           | SX         | G5          |
| <i>Hieracium paniculatum</i><br>Panicked hawkweed                             | T            |           | S2         | G5          |
| <i>Houstonia caerulea</i><br>Azure bluet                                      | T            |           | SX         | G5          |
| <i>Huperzia appalachiana</i><br>Mountain fir-moss                             | SC           |           | S2         | G5          |
| <i>Huperzia selago</i><br>( <i>Lycopodium selago</i> )<br>Fir clubmoss        | SC           |           | S3         | G5          |
| <i>Hybanthus concolor</i><br>Green violet                                     | SC           |           | S3         | G5          |
| <i>Hydrastis canadensis</i><br>Goldenseal                                     | T            |           | S2         | G3G4        |
| <i>Hypericum adpressum</i><br>Creeping St. John's-wort                        | E            |           | S1         | G3          |
| <i>Hypericum gentianoides</i><br>Gentian-leaved St. John's-wort               | SC           |           | S3         | G5          |
| <i>Hypericum sphaerocarpum</i><br>Round-fruited St. John's-wort               | E            |           | S1         | G5          |
| <i>Hypericum swinkianum</i><br>Swink's St. John's-wort                        | SC           |           | SNR        | GNR         |
| <i>Ipomoea pandurata</i><br>Wild potato vine or man-of-the-earth              | T            |           | S2         | G5          |
| <i>Iris lacustris</i><br>Dwarf lake iris                                      | T            | LT        | S3         | G3          |
| <i>Isoetes engelmannii</i><br>Engelmann's quillwort                           | E            |           | S1         | G4          |
| <i>Isotria medeoloides</i><br>Smaller whorled pogonia                         | X            | LT        | SX         | G2G3        |

| Species                                                                     | State Status | US Status | State Rank | Global Rank |
|-----------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Isotria verticillata</i><br>Whorled pogonia                              | T            |           | S2         | G5          |
| <i>Jeffersonia diphylla</i><br>Twinleaf                                     | SC           |           | S3         | G5          |
| <i>Juncus anthelatus</i><br>Large path rush                                 | SC           |           | SNR        | GNR         |
| <i>Juncus brachycarpus</i><br>Short-fruited rush                            | T            |           | S1S2       | G4G5        |
| <i>Juncus dichotomus</i><br>Forked rush                                     | SC           |           | SNR        | G5          |
| <i>Juncus militaris</i><br>Bayonet rush                                     | T            |           | S1         | G5          |
| <i>Juncus scirpoides</i><br>Scirpus-like rush                               | T            |           | S2         | G5          |
| <i>Juncus stygius</i><br>Moor rush                                          | E            |           | S1S2       | G5          |
| <i>Juncus vaseyi</i><br>Vasey's rush                                        | T            |           | S1S2       | G5          |
| <i>Justicia americana</i><br>Water willow                                   | T            |           | S2         | G5          |
| <i>Lactuca floridana</i><br>Woodland lettuce                                | T            |           | S2         | G5          |
| <i>Lechea minor</i><br>Least pinweed                                        | T            |           | S1         | G5          |
| <i>Lechea pulchella</i><br>( <i>Lechea leggettii</i> )<br>Leggett's pinweed | T            |           | S1S2       | G5          |
| <i>Lechea stricta</i><br>Erect pinweed                                      | X            |           | SX         | G3G4        |
| <i>Lemna valdiviana</i><br>Pale duckweed                                    | X            |           | SX         | G5          |
| <i>Lespedeza procumbens</i><br>Trailing bush clover                         | X            |           | SX         | G5          |
| <i>Leucospora multifida</i><br>( <i>Conobea multifida</i> )<br>Conobea      | SC           |           | SNR        | G5          |
| <i>Leymus mollis</i><br>( <i>Elymus mollis</i> )<br>American dune wild-rye  | SC           |           | S3         | G5          |
| <i>Liatris punctata</i><br>Dotted blazing star                              | X            |           | SX         | G5          |
| <i>Liatris squarrosa</i><br>Plains blazing star                             | X            |           | SX         | G5          |
| <i>Linum sulcatum</i><br>Furrowed flax                                      | SC           |           | S2S3       | G5          |
| <i>Linum virginianum</i><br>Virginia flax                                   | T            |           | S2         | G4G5        |

| Species                                                                                                             | State Status | US Status | State Rank | Global Rank |
|---------------------------------------------------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Lipocarpa micrantha</i><br>( <i>Hemicarpha micrantha</i> )<br>Dwarf-bulrush                                      | SC           |           | S3         | G5          |
| <i>Lithospermum incisum</i><br>Narrow-leaved puccoon                                                                | X            |           | SX         | G5          |
| <i>Lithospermum latifolium</i><br>Broad-leaved puccoon                                                              | SC           |           | S2         | G4          |
| <i>Lithospermum molle</i><br>( <i>Onosmodium molle</i> )<br>Marbleweed                                              | X            |           | SX         | G4G5        |
| <i>Littorella uniflora</i><br>( <i>Littorella uniflora</i> var.<br><i>americana</i> )<br>American shore-grass       | SC           |           | S2S3       | G5          |
| <i>Lonicera involucrata</i><br>Black twinberry                                                                      | T            |           | S2         | G5T4T5      |
| <i>Ludwigia sphaerocarpa</i><br>Globe-fruited seedbox                                                               | E            |           | S1         | G5          |
| <i>Luzula parviflora</i><br>Small-flowered wood rush                                                                | T            |           | S1         | G5          |
| <i>Lycopodiella margueritae</i><br>( <i>Lycopodiella appressa</i> )<br>Northern prostrate clubmoss                  | T            |           | S1S2       | G1G2        |
| <i>Lycopodiella subappressa</i><br>( <i>Lycopodiella appressa</i> )<br>Northern appressed clubmoss                  | SC           |           | S2         | G2          |
| <i>Lycopus virginicus</i><br>Virginia water-horehound                                                               | SC           |           | S2         | G5          |
| <i>Lygodium palmatum</i><br>Climbing fern                                                                           | E            |           | S1         | G4          |
| <i>Lysimachia hybrida</i><br>Swamp candles                                                                          | X            |           | SX         | G5          |
| <i>Malus ioensis</i><br>Prairie crabapple                                                                           | X            |           | SX         | G4G5        |
| <i>Mertensia paniculata</i><br>Northern Bluebell                                                                    | SC           |           | SNR        | G5          |
| <i>Mertensia virginica</i><br>Virginia bluebells                                                                    | T            |           | S1S2       | G5          |
| <i>Mikania scandens</i><br>Climbing hempweed                                                                        | E            |           | S1         | G5          |
| <i>Mimulus alatus</i><br>Winged monkey flower                                                                       | T            |           | S1         | G5          |
| <i>Mimulus guttatus</i><br>Western monkey flower                                                                    | SC           |           | S1         | G5          |
| <i>Mimulus michiganensis</i><br>( <i>Mimulus glabratus</i> var.<br><i>michiganensis</i> )<br>Michigan monkey flower | E            | LE        | S1         | G1          |

| Species                                                                                             | State Status | US Status | State Rank | Global Rank |
|-----------------------------------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Minuartia dawsonensis</i><br>Rock sandwort                                                       | T            |           | SNR        | G5          |
| <i>Moehringia macrophylla</i><br>( <i>Arenaria macrophylla</i> )<br>Big-leaf sandwort               | T            |           | S1         | G5          |
| <i>Monarda clinopodia</i><br>White bergamot                                                         | T            |           | SNR        | G5          |
| <i>Morus rubra</i><br>Red mulberry                                                                  | T            |           | S2         | G5          |
| <i>Muhlenbergia cuspidata</i><br>Plains muhly                                                       | X            |           | SX         | G5          |
| <i>Muhlenbergia richardsonis</i><br>Mat muhly                                                       | T            |           | S2         | G5          |
| <i>Mulgedium pulchellum</i><br>( <i>Lactuca pulchella</i> )<br>Blue lettuce                         | X            |           | SX         | G5T5        |
| <i>Myosotis verna</i><br>White forget-me-not                                                        | SC           |           | SNR        | G5          |
| <i>Myrica pensylvanica</i><br>Northern bayberry                                                     | T            |           | S2         | G5          |
| <i>Myriophyllum alterniflorum</i><br>Alternate-leaved water-milfoil                                 | SC           |           | S2S3       | G5          |
| <i>Nelumbo lutea</i><br>( <i>Nelumbo pentapetala</i> )<br>American lotus                            | SC           |           | S2         | G4          |
| <i>Neottia auriculata</i><br>( <i>Listera auriculata</i> )<br>Auricled twayblade                    | SC           |           | S2S3       | G3G4        |
| <i>Nuphar microphylla</i><br>( <i>Nuphar pumila</i> )<br>Small yellow pond lily                     | E            |           | S1S2       | G5T4T5      |
| <i>Nymphaea leibergii</i><br>( <i>Nymphaea tetragona</i> )<br>Pygmy water lily                      | E            |           | S1         | G5          |
| <i>Omalotheca sylvatica</i><br>( <i>Gnaphalium sylvaticum</i> )<br>Woodland everlasting             | T            |           | S1         | G4G5        |
| <i>Ophioglossum vulgatum</i><br>( <i>Ophioglossum pycnostichum</i> )<br>Southeastern adder's-tongue | E            |           | S1         | G5          |
| <i>Oplopanax horridus</i><br>Devil's club                                                           | T            |           | S2         | G5          |
| <i>Opuntia fragilis</i><br>Fragile prickly pear                                                     | E            |           | S1         | G5          |
| <i>Orobanche fasciculata</i><br>Broomrape                                                           | T            |           | S2         | G4G5        |
| <i>Osmorhiza depauperata</i><br>( <i>Osmorhiza obtusa</i> )<br>Sweet Cicely                         | T            |           | S2         | G5          |

| Species                                                                                                   | State Status | US Status | State Rank | Global Rank |
|-----------------------------------------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Oxalis violacea</i><br>Violet wood sorrel                                                              | X            |           | SX         | G5          |
| <i>Packera indecora</i><br>( <i>Senecio indecorus</i> )<br>Northern ragwort                               | T            |           | S1         | G5          |
| <i>Packera insulae-regalis</i><br>Isle Royale ragwort                                                     | T            |           | S1         | G1          |
| <i>Panax quinquefolius</i><br>Ginseng                                                                     | T            |           | S2S3       | G3G4        |
| <i>Panicum longifolium</i><br>( <i>Panicum rigidulum</i> var.<br><i>pubescens</i> )<br>Panic grass        | T            |           | S2         | G4          |
| <i>Panicum philadelphicum</i><br>Philadelphia panic-grass                                                 | E            |           | S2         | G5?         |
| <i>Panicum verrucosum</i><br>Warty panic grass                                                            | T            |           | S1         | G4          |
| <i>Parnassia palustris</i><br>Marsh grass-of-parnassus                                                    | T            |           | S2         | G5          |
| <i>Paronychia fastigiata</i><br>Low-forked chickweed                                                      | X            |           | SX         | G5          |
| <i>Pellaea atropurpurea</i><br>Purple cliff brake                                                         | T            |           | S2         | G5          |
| <i>Penstemon calycosus</i><br>Beard tongue                                                                | T            |           | S2         | G5          |
| <i>Penstemon gracilis</i><br>Slender beard tongue                                                         | E            |           | S1         | G5          |
| <i>Penstemon pallidus</i><br>Pale beard tongue                                                            | X            |           | SX         | G5          |
| <i>Persicaria careyi</i><br>( <i>Polygonum careyi</i> )<br>Carey's smartweed                              | T            |           | S1S2       | G4          |
| <i>Persicaria robustior</i><br>Stout smartweed                                                            | T            |           | SNR        | G4G5        |
| <i>Petasites sagittatus</i><br>( <i>Petasites frigidus</i> var.<br><i>sagittatus</i> )<br>Sweet coltsfoot | T            |           | S1S2       | G5T5        |
| <i>Phacelia franklinii</i><br>Franklin's phacelia                                                         | T            |           | S1         | G5          |
| <i>Phaseolus polystachios</i><br>Wild bean                                                                | X            |           | SX         | G5          |
| <i>Phleum alpinum</i><br>Mountain timothy                                                                 | X            |           | SX         | G5          |
| <i>Phlox bifida</i><br>Cleft phlox                                                                        | X            |           | SX         | G5?         |
| <i>Phlox maculata</i><br>Wild sweet William                                                               | T            |           | S1         | G5          |

| Species                                                                                          | State Status | US Status | State Rank | Global Rank |
|--------------------------------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Phlox ovata</i><br>( <i>Phlox latifolia</i> )<br>Wideflower phlox                             | E            |           | S1         | G4          |
| <i>Pinguicula vulgaris</i><br>Butterwort                                                         | SC           |           | S3         | G5          |
| <i>Piptatherum canadense</i><br>( <i>Oryzopsis canadensis</i> )<br>Canada rice grass             | T            |           | S2         | G4G5        |
| <i>Plantago cordata</i><br>Heart-leaved plantain                                                 | E            |           | S1         | G4          |
| <i>Platanthera ciliaris</i><br>( <i>Habenaria ciliaris</i> )<br>Orange- or yellow-fringed orchid | E            |           | S1S2       | G5          |
| <i>Platanthera leucophaea</i><br>( <i>Habenaria leucophaea</i> )<br>Prairie white-fringed orchid | E            | LT        | S1         | G2G3        |
| <i>Platanthera orbiculata</i> var.<br><i>macrophylla</i><br>Large round-leaved orchid            | T            |           | SNR        | G5T4        |
| <i>Platanthera unalascensis</i><br>( <i>Piperia unalascensis</i> )<br>Alaska orchid              | SC           |           | S2S3       | G5          |
| <i>Poa alpina</i><br>Alpine bluegrass                                                            | T            |           | S1S2       | G5          |
| <i>Poa autumnalis</i><br>Bluegrass                                                               | X            |           | SX         | G5          |
| <i>Poa interior</i><br>( <i>Poa nemoralis</i> ssp. <i>interior</i> )<br>Inland bluegrass         | SC           |           | SNR        | G5T5        |
| <i>Poa paludigena</i><br>Bog bluegrass                                                           | SC           |           | S2         | G3G4        |
| <i>Poa secunda</i><br>( <i>Poa canbyi</i> )<br>Canby's bluegrass                                 | E            |           | S1         | G5          |
| <i>Polemonium reptans</i><br>Jacob's ladder                                                      | T            |           | S2         | G5          |
| <i>Polygala cruciata</i><br>Cross-leaved milkwort                                                | SC           |           | S3         | G5          |
| <i>Polygala incarnata</i><br>Pink milkwort                                                       | X            |           | SX         | G5          |
| <i>Polytaenia nuttallii</i><br>Prairie parsley                                                   | X            |           | SX         | G5          |
| <i>Populus heterophylla</i><br>Swamp or Black cottonwood                                         | E            |           | S1         | G4G5        |
| <i>Potamogeton bicupulatus</i><br>( <i>Potamogeton capillaceus</i> )<br>Waterthread pondweed     | T            |           | S2         | G4          |
| <i>Potamogeton confervoides</i><br>Alga pondweed                                                 | SC           |           | S3         | G5          |

| Species                                                                                                            | State Status | US Status | State Rank | Global Rank |
|--------------------------------------------------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Potamogeton hillii</i><br>Hill's pondweed                                                                       | T            |           | S2         | G3          |
| <i>Potamogeton pulcher</i><br>Spotted pondweed                                                                     | T            |           | S1         | G5          |
| <i>Potamogeton vaseyi</i><br>Vasey's pondweed                                                                      | T            |           | S1S2       | G4          |
| <i>Potentilla canadensis</i><br>Canada cinquefoil                                                                  | SC           |           | SNR        | G5          |
| <i>Potentilla litoralis</i><br>( <i>Potentilla pensylvanica</i> )<br>Prairie cinquefoil                            | T            |           | S1         | G5          |
| <i>Potentilla supina</i><br>Sand cinquefoil                                                                        | T            |           | SH         | G5          |
| <i>Prenanthes crepidinea</i><br>Nodding rattlesnake-root                                                           | T            |           | SNR        | G4          |
| <i>Primula meadia</i><br>( <i>Dodecatheon meadia</i> )<br>Shooting star                                            | E            |           | S1         | G5          |
| <i>Prosartes hookeri</i><br>( <i>Disporum hookeri</i> )<br>Fairy bells                                             | T            |           | S2         | G5          |
| <i>Prosartes maculata</i><br>( <i>Disporum maculatum</i> )<br>Nodding mandarin                                     | X            |           | SX         | G4          |
| <i>Prosartes trachycarpa</i><br>( <i>Disporum trachycarpum</i> )<br>Northern fairy bells                           | T            |           | S1         | G5          |
| <i>Proserpinaca pectinata</i><br>Mermaid-weed                                                                      | E            |           | S1         | G5          |
| <i>Prunus umbellata</i><br>Alleghany or Sloe plum                                                                  | SC           |           | S3         | G5          |
| <i>Pseudoroegneria spicata</i><br>( <i>Agropyron spicatum</i> , <i>Elytrigia spicata</i> )<br>Bluebunch wheatgrass | X            |           | SX         | G5          |
| <i>Pterospora andromedea</i><br>Pine-drops                                                                         | T            |           | S2         | G5          |
| <i>Pycnanthemum muticum</i><br>Mountain mint                                                                       | T            |           | S1         | G5          |
| <i>Pycnanthemum pilosum</i><br>Hairy mountain mint                                                                 | T            |           | S2         | G5T5        |
| <i>Pycnanthemum verticillatum</i><br>Whorled mountain mint                                                         | SC           |           | S2         | G5          |
| <i>Pyrola minor</i><br>Lesser pyrola                                                                               | SC           |           | SNR        | G5          |
| <i>Quercus shumardii</i><br>Shumard's oak                                                                          | SC           |           | S2         | G5          |
| <i>Ranunculus ambigens</i><br>Spearwort                                                                            | X            |           | SX         | G4          |

| Species                                                                                                | State Status | US Status | State Rank | Global Rank |
|--------------------------------------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Ranunculus cymbalaria</i><br>Seaside crowfoot                                                       | X            |           | SX         | G5          |
| <i>Ranunculus gmelinii</i><br>Yellow water crowfoot                                                    | SC           |           | SNR        | G5          |
| <i>Ranunculus macounii</i><br>Macoun's buttercup                                                       | T            |           | S1         | G5          |
| <i>Ranunculus rhomboideus</i><br>Prairie buttercup                                                     | T            |           | S2         | G5          |
| <i>Rhexia mariana</i><br>( <i>Rhexia mariana</i> var.<br><i>mariana</i> )<br>Maryland meadow beauty    | T            |           | S1S2       | G5T5        |
| <i>Rhexia virginica</i><br>Meadow beauty                                                               | SC           |           | S3         | G5          |
| <i>Rhynchospora macrostachya</i><br>Tall beakrush                                                      | SC           |           | S3S4       | G4          |
| <i>Rhynchospora nitens</i><br>( <i>Psilocarya nitens</i> )<br>Short-beak beak-rush                     | E            |           | S1         | G4?         |
| <i>Rhynchospora recognita</i><br>( <i>Rhynchospora globularis</i> )<br>Globe beak-rush                 | E            |           | S1         | G5?         |
| <i>Rhynchospora scirpoides</i><br>( <i>Psilocarya scirpoides</i> )<br>Bald-rush                        | SC           |           | S2         | G4          |
| <i>Ribes oxycanthoides</i><br>Northern gooseberry                                                      | SC           |           | S3         | G5          |
| <i>Rorippa aquatica</i><br>( <i>Armoracia lacustris</i> ,<br><i>Armoracia aquatica</i> )<br>Lake cress | SC           |           | S2         | G4?         |
| <i>Rubus acaulis</i><br>( <i>Rubus arcticus</i> ssp. <i>acaulis</i> )<br>Dwarf raspberry               | T            |           | S1         | G5T5        |
| <i>Rudbeckia subtomentosa</i><br>Sweet coneflower                                                      | X            |           | SX         | G5          |
| <i>Ruellia humilis</i><br>Hairy wild petunia                                                           | T            |           | S1         | G5          |
| <i>Ruellia strepens</i><br>Smooth ruellia                                                              | E            |           | S1         | G4G5        |
| <i>Rumex occidentalis</i><br>Western dock                                                              | E            |           | S1         | G5T5        |
| <i>Ruppia cirrhosa</i><br>( <i>Ruppia spiralis</i> )<br>Widgeon grass                                  | T            |           | S1         | G5          |
| <i>Sabatia angularis</i><br>Rosepink                                                                   | T            |           | S2         | G5          |
| <i>Sagina nodosa</i><br>Pearlwort                                                                      | T            |           | S2         | G5          |

| Species                                                                                                            | State Status | US Status | State Rank | Global Rank |
|--------------------------------------------------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Sagittaria brevirostra</i><br>Short-beaked arrowhead                                                            | T            |           | SNR        | G5          |
| <i>Sagittaria montevidensis</i><br>( <i>Sagittaria calycina</i> ,<br><i>Lophotocarpus calycinus</i> )<br>Arrowhead | T            |           | S1S2       | G5          |
| <i>Salix pellita</i><br>Satiny willow                                                                              | T            |           | S2         | G5          |
| <i>Salix planifolia</i><br>Tea-leaved willow                                                                       | T            |           | S1         | G5          |
| <i>Sanguisorba canadensis</i><br>Canadian burnet                                                                   | E            |           | S1         | G5          |
| <i>Saxifraga paniculata</i><br>Encrusted saxifrage                                                                 | T            |           | S1         | G5          |
| <i>Saxifraga tricuspidata</i><br>Prickly saxifrage                                                                 | T            |           | S2         | G5          |
| <i>Schoenoplectiella hallii</i><br>( <i>Scirpus hallii</i> , <i>Schoenoplectus hallii</i> )<br>Hall's bulrush      | T            |           | S2         | G3          |
| <i>Schoenoplectus americanus</i><br>( <i>Scirpus olneyi</i> )<br>Three-square bulrush                              | E            |           | S1         | G5          |
| <i>Schoenoplectus torreyi</i><br>( <i>Scirpus torreyi</i> )<br>Torrey's bulrush                                    | SC           |           | S2S3       | G4          |
| <i>Scirpus georgianus</i><br>Georgia bulrush                                                                       | SC           |           | SNR        | G5          |
| <i>Scleria pauciflora</i><br>Few-flowered nut rush                                                                 | E            |           | S1         | G5          |
| <i>Scleria reticularis</i><br>Netted nut rush                                                                      | T            |           | S2         | G4          |
| <i>Scleria triglomerata</i><br>Tall nut rush                                                                       | SC           |           | S3         | G5          |
| <i>Scutellaria elliptica</i><br>Hairy skullcap                                                                     | SC           |           | S3         | G5          |
| <i>Scutellaria incana</i><br>Skullcap                                                                              | X            |           | SX         | G5          |
| <i>Scutellaria nervosa</i><br>Skullcap                                                                             | E            |           | S1         | G5          |
| <i>Scutellaria ovata</i><br>Forest skullcap                                                                        | T            |           | S1         | G5          |
| <i>Scutellaria parvula</i><br>Small skullcap                                                                       | T            |           | S2         | G5          |
| <i>Silene nivea</i><br>Evening campion                                                                             | T            |           | SNR        | G4?         |
| <i>Silene stellata</i><br>Starry campion                                                                           | T            |           | S2         | G5          |

| Species                                                                                        | State Status | US Status | State Rank | Global Rank |
|------------------------------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Silene virginica</i><br>Fire pink                                                           | E            |           | S1         | G5          |
| <i>Silphium integrifolium</i><br>Rosinweed                                                     | T            |           | S2         | G5          |
| <i>Silphium laciniatum</i><br>Compass plant                                                    | E            |           | S1S2       | G5          |
| <i>Silphium perfoliatum</i><br>Cup plant                                                       | T            |           | S2         | G5          |
| <i>Sisyrinchium atlanticum</i><br>Atlantic blue-eyed-grass                                     | T            |           | S2         | G5          |
| <i>Sisyrinchium fuscatum</i><br>( <i>Sisyrinchium farwellii</i> )<br>Farwell's blue-eyed-grass | X            |           | SX         | G5?         |
| <i>Sisyrinchium strictum</i><br>Blue-eyed-grass                                                | T            |           | S2         | G3          |
| <i>Smallanthus uvedalia</i><br>( <i>Polymnia uvedalia</i> )<br>Yellow-flowered leafcup         | T            |           | S1         | G4G5        |
| <i>Smilax herbacea</i><br>Smooth carrion-flower                                                | SC           |           | S3         | G5          |
| <i>Solidago bicolor</i><br>White goldenrod                                                     | E            |           | S1         | G5          |
| <i>Solidago houghtonii</i><br>Houghton's goldenrod                                             | T            | LT        | S3         | G3          |
| <i>Solidago missouriensis</i><br>Missouri goldenrod                                            | X            |           | SX         | G5          |
| <i>Solidago vossii</i><br>Voss's goldenrod                                                     | E            | LT        | S1         | G1          |
| <i>Sparganium androcladum</i><br>Branching bur weed                                            | SC           |           | SNR        | G4G5        |
| <i>Sphenopholis nitida</i><br>Shining wedge grass                                              | SC           |           | SNR        | G4          |
| <i>Sphenopholis obtusata</i><br>Prairie wedge grass                                            | SC           |           | SNR        | G5          |
| <i>Spinulum canadense</i><br>Clubmoss                                                          | SC           |           | SNR        | G4G5        |
| <i>Spiranthes ovalis</i><br>Lesser ladies'-tresses                                             | SC           |           | S1         | G5?         |
| <i>Sporobolus clandestinus</i><br>Dropseed                                                     | E            |           | S1         | G4G5        |
| <i>Sporobolus heterolepis</i><br>Prairie dropseed                                              | SC           |           | S3         | G5          |
| <i>Stachys pilosa</i><br>Hairy hedge-nettle                                                    | SC           |           | SNR        | G5          |
| <i>Stellaria crassifolia</i><br>Fleshy stitchwort                                              | E            |           | S1         | G5          |

| Species                                                                                                                              | State Status | US Status | State Rank | Global Rank |
|--------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Stellaria longipes</i><br>Stitchwort                                                                                              | SC           |           | S2         | G5          |
| <i>Stenaria nigricans</i><br>( <i>Hedyotis nigricans</i> )<br>Hedyotis                                                               | X            |           | SX         | G5          |
| <i>Strophostyles helvula</i><br>Trailing wild bean                                                                                   | SC           |           | S3         | G5          |
| <i>Subularia aquatica</i><br>Awlwort                                                                                                 | E            |           | S1         | G5          |
| <i>Symphyotrichum drummondii</i><br>( <i>Aster drummondii</i> )<br>Drummond's aster                                                  | T            |           | S2         | G5          |
| <i>Symphyotrichum praealtum</i><br>( <i>Aster praealtus</i> )<br>Willow aster                                                        | SC           |           | S3         | G5          |
| <i>Symphyotrichum sericeum</i><br>( <i>Aster sericeus</i> )<br>Western silvery aster                                                 | T            |           | S2         | G5          |
| <i>Tanacetum bipinnatum</i> ssp.<br><i>huronense</i><br>( <i>Tanacetum bipinnatum</i> ssp.<br><i>huronense</i> )<br>Lake Huron tansy | SC           |           | S3         | G5T4T5      |
| <i>Tephroseris palustris</i><br>( <i>Senecio congestus</i> )<br>Marsh fleabane                                                       | X            |           | SX         | G5          |
| <i>Tetranneuris herbacea</i><br>( <i>Hymenoxys herbacea</i> )<br>Lakeside daisy                                                      | E            | LT        | S1         | G3          |
| <i>Thalictrum pubescens</i><br>Tall meadowrue                                                                                        | SC           |           | SNR        | G5          |
| <i>Thaspium chapmanii</i><br>Meadow-parsnip                                                                                          | SC           |           | SNR        | GNR         |
| <i>Tipularia discolor</i><br>Crane-fly orchid                                                                                        | E            |           | S1         | G4G5        |
| <i>Tofieldia pusilla</i><br>False asphodel                                                                                           | T            |           | S2         | G5          |
| <i>Tradescantia bracteata</i><br>Long-bracted spiderwort                                                                             | X            |           | SX         | G5          |
| <i>Tradescantia virginiana</i><br>Virginia spiderwort                                                                                | T            |           | S2         | G5          |
| <i>Trichophorum clintonii</i><br>( <i>Scirpus clintonii</i> )<br>Clinton's bulrush                                                   | SC           |           | S3         | G4          |
| <i>Trichostema brachiatum</i><br>( <i>Isanthus brachiatus</i> )<br>False pennyroyal                                                  | T            |           | S1         | G5          |
| <i>Trichostema dichotomum</i><br>Bastard pennyroyal                                                                                  | T            |           | S2         | G5          |

| Species                                                                                           | State Status | US Status | State Rank | Global Rank |
|---------------------------------------------------------------------------------------------------|--------------|-----------|------------|-------------|
| <i>Trillium nivale</i><br>Snow trillium                                                           | T            |           | S2         | G4          |
| <i>Trillium recurvatum</i><br>Prairie trillium                                                    | SC           |           | S2S3       | G5          |
| <i>Trillium sessile</i><br>Toadshade                                                              | T            |           | S2S3       | G5          |
| <i>Trillium undulatum</i><br>Painted trillium                                                     | E            |           | S1S2       | G5          |
| <i>Triphora trianthophora</i><br>Nodding pogonia or three birds orchid                            | T            |           | S1         | G4?         |
| <i>Triplasis purpurea</i><br>Sand grass                                                           | SC           |           | S2         | G4G5        |
| <i>Trisetum spicatum</i><br>Downy oat-grass                                                       | SC           |           | S2S3       | G5          |
| <i>Utricularia inflata</i><br>( <i>Utricularia radiata</i> )<br>Floating bladderwort              | E            |           | S1         | G5          |
| <i>Utricularia ochroleuca</i><br>Northern bladderwort                                             | T            |           | SNR        | G4G5        |
| <i>Utricularia subulata</i><br>Bladderwort                                                        | T            |           | S1         | G5          |
| <i>Vaccinium cespitosum</i><br>Dwarf bilberry                                                     | T            |           | S1S2       | G5          |
| <i>Vaccinium uliginosum</i><br>Alpine blueberry                                                   | T            |           | S2         | G5          |
| <i>Vaccinium vitis-idaea</i><br>Mountain cranberry                                                | E            |           | S1         | G5          |
| <i>Valeriana edulis</i> var.<br><i>ciliata</i><br>( <i>Valeriana ciliata</i> )<br>Edible valerian | T            |           | S2         | G5T3        |
| <i>Valerianella chenopodiifolia</i><br>Goosefoot corn salad                                       | E            |           | S1         | G4          |
| <i>Valerianella umbilicata</i><br>Corn salad                                                      | E            |           | S2         | G4G5        |
| <i>Viburnum edule</i><br>Squashberry or mooseberry                                                | T            |           | S2S3       | G5          |
| <i>Viola epipsila</i><br>Northern marsh violet                                                    | X            |           | SX         | G5          |
| <i>Viola novae-angliae</i><br>New England violet                                                  | T            |           | S2         | G4          |
| <i>Viola pedatifida</i><br>Prairie birdfoot violet                                                | E            |           | S1         | G5          |
| <i>Viola rotundifolia</i><br>Round-leaved violet                                                  | T            |           | SNR        | G5          |
| <i>Vitis vulpina</i><br>Frost grape                                                               | SC           |           | S1S2       | G5          |

| Species                                                                                     | State<br>Status | US<br>Status | State<br>Rank | Global<br>Rank |
|---------------------------------------------------------------------------------------------|-----------------|--------------|---------------|----------------|
| <i>Wisteria frutescens</i><br>Wisteria                                                      | T               |              | S1            | G5             |
| <i>Wolffiella gladiata</i><br>Flordia mudmidget                                             | T               |              | SNR           | G4G5           |
| <i>Woodsia alpina</i><br>Northern woodsia                                                   | E               |              | S1            | G4G5           |
| <i>Woodsia obtusa</i><br>Blunt-lobed woodsia                                                | T               |              | S1S2          | G5             |
| <i>Woodwardia areolata</i><br>Netted chain-fern                                             | X               |              | SX            | G5             |
| <i>Zizania aquatica</i><br>( <i>Zizania aquatica</i> var.<br><i>aquatica</i> )<br>Wild rice | T               |              | S2S3          | G5             |
| <i>Zizia aptera</i><br>Prairie golden alexanders                                            | T               |              | S1S2          | G5             |