



Ohio Administrative Code

Rule 1501:18-1-03 Endangered and threatened species.

Effective: January 30, 2021

(A) The following species of plants are designated as endangered in Ohio.

- (1) *Acer pensylvanicum* L., Striped maple.
- (2) *Aconitum noveboracense* A. Gray, Northern monkshood.
- (3) *Aconitum uncinatum* L., Southern monkshood.
- (4) *Adlumia fungosa* (Ait.) Greene, Allegheny-vine.
- (5) *Agalinis auriculata* (Michx.) Blake, Ear-leaved-foxglove.
- (6) *Agalinis purpurea* (L.) Pennell var. *parviflora* (Benth.) Boivin, Small purple-foxglove.
- (7) *Agalinis skinneriana* (Wood) Britt., Skinner's-foxglove.
- (8) *Ageratina aromatica* (L.) Spach, Small white snakeroot.
- (9) *Agrostis elliottiana* Schultes, Elliott's bent grass.
- (10) *Amelanchier humilis* Wiegand, Low serviceberry.
- (11) *Amelanchier interior* E.L. Nielsen, Inland serviceberry.
- (12) *Amphidium mougeotii* (Bruch, Schimper and W. Gmbel) Schimper, Mougeot's ice moss.
- (13) *Andropogon glomeratus* (Walter) Britton, Bushy broom-sedge.



- (14) *Androsace occidentalis* Pursh, Western rock-jasmine.
- (15) *Anomobryum filiforme* (Dicks.) Solms, Common silver moss.
- (16) *Anomodon viticulosus* (Hedw.) Hook. and Taylor, Long tail moss.
- (17) *Arabidopsis lyrata* (L.) OKane and Al-Shehbaz, Lyre-leaved rock cress.
- (18) *Arabis patens* Sullivant, Spreading rock cress.
- (19) *Arctostaphylos uva-ursi* (L.) Spreng., Bearberry.
- (20) *Aralia hispida* Vent., Bristly sarsaparilla.
- (21) *Arethusa bulbosa* L., Dragon's-mouth.
- (22) *Aristida basiramea* Engelm. ex Vasey, Forked three-awn grass.
- (23) *Aristida necopina* Shinnery, False arrow-feather.
- (24) *Aronia arbutifolia* (L.) Pers., Red chokeberry.
- (25) *Asplenium bradleyi* D.C. Eaton, Bradley's spleenwort.
- (26) *Asplenium resiliens* Kunze, Black-stemmed spleenwort.
- (27) *Astragalus neglectus* (T. and G.) Sheld., Cooper's milk-vetch.
- (28) *Baptisia australis* (L.) R. Br., Blue false indigo.
- (29) *Barbula indica* (Hooker) Sprengel in E.G. Steudel, Twisted teeth moss.
- (30) *Bidens beckii* Torr. ex Spreng, Water-marigold.



- (31) *Boechera stricta* (Graham) Al-Shehbaz, Drummond's rock cress.
- (32) *Borodinia missouriensis* (Green) P.J. Alexander and Windham, Missouri rock cress.
- (33) *Botrychium simplex* E. Hitchc., Least grape fern.
- (34) *Calamovilfa longifolia* (Hook.) Scribn. var. *manga* Scribn. and Merr., Sand reed.
- (35) *Callitriche palustris* N.L. Britton and A. Brown, Vernal water-starwort.
- (36) *Capnoides sempervirens* (L.) Borkh., Rock-harlequin.
- (37) *Canoparmelia caroliniana* (Nyl.) Elix and Hale, Carolina shield lichen.
- (38) *Cardamine pratensis* L. subsp. *dentata* (Schult.) Celak., White cuckoo-flower.
- (39) *Carex alopecoidea* Tuckerman, Northern fox sedge.
- (40) *Carex decomposita* Muhl., Cypress-knee sedge.
- (41) *Carex disperma* Dewey, Two-seeded sedge.
- (42) *Carex echinata* Murray, Little prickly sedge.
- (43) *Carex formosa* Dewey, Handsome sedge.
- (44) *Carex garberi* Fern., Garber's sedge.
- (45) *Carex gigantea* Rudge, Large sedge.
- (46) *Carex gynandra* Schwein., Nodding sedge.



- (47) *Carex limosa* L., Mud sedge.
- (48) *Carex longii* Mackenzie, Long's sedge.
- (49) *Carex lucorum* Willd., Fire sedge.
- (50) *Carex merritt-fernaldii* Mack., Fernald's sedge.
- (51) *Carex mitchelliana* M.A. Curtis, Mitchell's sedge.
- (52) *Carex projecta* Mackenzie, Necklace sedge.
- (53) *Carex pseudocyperus* L., Northern bearded sedge.
- (54) *Carex siccata* Dewey, Hay sedge.
- (55) *Ceanothus herbaceus* Desf., Prairie redroot.
- (56) *Celtis laevigata* Willd., Sugarberry.
- (57) *Cetraria arenaria* Karnefelt, Sand loving Iceland lichen.
- (58) *Chamaenerion angustifolium* (L.) Scop., Fireweed.
- (59) *Chimaphila umbellata* (L.) Bart., Pipsissewa.
- (60) *Cinna latifolia* (Trev.) Griseb., Northern wood-reed.
- (61) *Clintonia borealis* (Ait.) Raf., Bluebead-lily.
- (62) *Clintonia umbellulata* (Michx.) Morong, Speckled wood-lily.
- (63) *Coeloglossum viride* (L.) Hartman, Long-bracted orchid.



- (64) *Collema conglomeratum* Hoffm., Dotted jelly lichen.
- (65) *Collinsonia verticillata* Baldw., Early stoneroot.
- (66) *Comptonia peregrina* (L.) Coult., Sweet-fern.
- (67) *Corallorhiza trifida* Chatelain, Early coral-root.
- (68) *Crataegus pennsylvanica* Ashe, Pennsylvania hawthorn.
- (69) *Croton michauxii* G. L. Webster var. *elliptica* (Willdenow) B. W. van Ee and P. E. Berry, Michauxs croton.
- (70) *Cuscuta compacta* Juss. ex Choisy, Sessile dodder.
- (71) *Cuscuta cuspidata* Engelm., Cuspidate dodder.
- (72) *Cuscuta glomerata* Choisy, Glomerate dodder.
- (73) *Cuscuta indecora* Choisy, Pretty dodder.
- (74) *Cyperus lancastricensis* Porter, Many-flowered umbrella-sedge.
- (75) *Cyperus refractus* Engelm., Reflexed umbrella-sedge.
- (76) *Cyperus retrofractus* (L.) Torrey, Rough umbrella-sedge.
- (77) *Cypripedium parviflorum* Salisb. var. *makasin* (Farw.) Sheviak, Small yellow lady's-slipper.
- (78) *Cyrtomnium hymenophylloides* (Hb.) Nyholm ex T. Kop., Curved-capsuled thin-leaved moss.
- (79) *Desmodium glabellum* (Michx.) DC, Smooth tick-trefoil.



- (80) *Dichanthelium commonsianum* (Ashe) Freckmann, Common's panic grass.
- (81) *Dichanthelium perlongum* (Nash) Freckmann, Long-panicled panic grass.
- (82) *Dichanthelium praecocius* (Hitche. and Chase) Mohlenbr., Early panic grass.
- (83) *Dichanthelium leibergii* (Vasey) Freckmann, Leiberg's panic grass.
- (84) *Dichanthelium scoparium* (Lam.) Gould, Velvet panic grass.
- (85) *Dichanthelium spretum* (Schult.) Freckmann, Narrow-headed panic grass.
- (86) *Diphyscium mucronifolium* Mitten in F. Dozy and J.H. Molkenboer, Cumberland grain o'wheat moss.
- (87) *Draba brachycarpa* Nutt., Little whitlow-grass.
- (88) *Drosera intermedia* Hayne, Spathulate-leaved sundew.
- (89) *Drymocallis arguta* (Pursh) Rydberg, Tall wood beauty.
- (90) *Dryopteris celsa* (W. Palmer) Knowlton, W. Palmer and Pollard, Log fern.
- (91) *Dryopteris clintoniana* (D.C. Eaton) Dowell, Clinton's wood fern.
- (92) *Eleocharis engelmannii* Steud., Engelmann's spike-rush.
- (93) *Eleocharis geniculata* (L.) Roemer and Schultes, Bent spike-rush.
- (94) *Eleocharis macrostachya* Britt. in J.K. Small, Pale spike-rush.
- (95) *Eleocharis ovata* (Roth) Roemer and Schultes, Ovate spike-rush.



- (96) *Eleocharis parvula* (Roemer and Schultes) Link, Least spike-rush.
- (97) *Eleocharis robbinsii* Oakes, Robbins' spike-rush.
- (98) *Eleocharis tenuis* (Willd.) Schult., Slender spike-rush.
- (99) *Eleocharis wolfii* A. Gray, Wolf's spike-rush.
- (100) *Epilobium strictum* Muhl., Simple willow-herb.
- (101) *Enchylium coccophorum* (Tuckerman) Otlora, Tar jelly lichen.
- (102) *Enchylium conglomeratum* (Hoffman) Otlora, Dotted jelly lichen.
- (103) *Equisetum variegatum* Schleicher, Variegated scouring-rush.
- (104) *Eriocaulon aquaticum* (Hill) Druce, White-buttons.
- (105) *Erysimum capitatum* (Douglas ex Hooker) Greene, Western wallflower.
- (106) *Erythronium rostratum* W. Wolf, Golden-star.
- (107) *Eupatorium hyssopifolium* L., Hyssop thoroughwort.
- (108) *Euphorbia purpurea* (Raf.) Fern., Glade spurge.
- (109) *Eurybia surculosa* (Michx.) G.L. Nesom, Creeping aster.
- (110) *Fallopia cilinodis* (Michx.) Holub, Mountain bindweed.
- (111) *Fissidens hyalinus* Wils. and Hook., Filmy fissidens.



- (112) *Forsstroemia producta* (Hornsch.) Par., Sullivant's bark moss.
- (113) *Galium labradoricum* Wieg., Bog bedstraw.
- (114) *Gentiana puberulenta* Pringle, Prairie gentian.
- (115) *Gentiana saponaria* L., Soapwort gentian.
- (116) *Gentiana villosa* L., Sampson's snakeroot.
- (117) *Geranium bicknellii* Britt., Bicknell's crane's-bill.
- (118) *Glyceria borealis* (Nash) Batchelder, Northern manna grass.
- (119) *Heteranthera reniformis* Ruiz and Pavon, Mud-plantain.
- (120) *Heuchera villosa* Michx., Hairy alum-root.
- (121) *Hieracium longipilum* Torr., Long-bearded hawkweed.
- (122) *Hieracium umbellatum* L., Canada hawkweed.
- (123) *Hottonia inflata* Elliott, Featherfoil.
- (124) *Hydrocotyle umbellata* L., Navelwort.
- (125) *Hypericum canadense* L., Canada St. John's-wort.
- (126) *Hypericum denticulatum* Walt., Coppery St. John's-wort.
- (127) *Hypericum ellipticum* Hook., Few-flowered St. John's-wort.
- (128) *Hypericum gymnanthum* Engelm. and A. Gray, Least St. John's-wort.



- (129) *Hypnum pratense* (Rabenh.) W. Koch ex Spruce, Wrinkled-leaved marsh hypnum.
- (130) *Isotria medeoloides* (Pursh) Raf., Small whorled pogonia.
- (131) *Juncus dichotomus* Elliott, Flat-leaved rush.
- (132) *Juncus subcaudatus* (Engelm.) Coville and S.F. Blake, Woodland rush.
- (133) *Juniperus communis* L., Ground juniper.
- (134) *Koeleria macrantha* (Ledeb.) Schultes, June grass.
- (135) *Lathagrium fuscovirens* (With.) Otlora, Dusky jelly lichen.
- (136) *Lathyrus ochroleucus* Hook., Yellow vetchling.
- (137) *Lathyrus venosus* Muhl., Wild pea.
- (138) *Lechea minor* L., Thyme-leaved pinweed.
- (139) *Leersia lenticularis* Michx., Catchfly grass.
- (140) *Ligusticum canadense* (L.) Britt., American lovage.
- (141) *Lilium philadelphicum* L., Wood lily.
- (142) *Lipocarpa drummondii* (Nees) G. Tucker, Drummond's dwarf bulrush.
- (143) *Loeskeobryum brevirostre* (Brid.) Fleisch., Squarrose-tipped wood moss.
- (144) *Lycopodiella appressa* (Chapm.) Cranfill, Southern bog club-moss.



- (145) *Lycopodiella subappressa* J.G. Bruce, W.H. Wagner and Beitel, Northern appressed club-moss.
- (146) *Lycopodium lagopus* (Laest. ex C. Hartm.) Zinserl. ex Kuzen., One-coned club-moss.
- (147) *Magnolia macrophylla* Michx., Bigleaf magnolia.
- (148) *Monarda punctata* L., Dotted horsemint.
- (149) *Mononeuria patula* (Michx.) Dillenb., Spreading sandwort.
- (150) *Muhlenbergia cuspidata* (Nutt.) Rydb., Plains muhlenbergia.
- (151) *Muhlenbergia glabrifloris* Scribn., Hair grass.
- (152) *Myrorrhiza riparia* (L. T. Collins) Weakley, Louisiana broom-rape.
- (153) *Myrica pensylvanica* Loisel., Northern bayberry.
- (154) *Myriophyllum sibiricum* Komarov, American water-milfoil.
- (155) *Nabalus trifoliolatus* Cassini, Gall-of-the-earth.
- (156) *Najas gracillima* (A. Braun) Magnus, Thread-like naiad.
- (157) *Neckera pennata* Hedw., Neckera moss.
- (158) *Neottia cordata* (L.) Richard, Heartleaf twayblade.
- (159) *Nuphar variegata* Durand, Bullhead-lily.
- (160) *Nuttallanthus canadensis* (L.) D.A. Sutton, Old-field toadflax.



- (161) *Oenothera clelandii* Dietrich, Raven and W.L. Wagner, Cleland's evening-primrose.
- (162) *Oxalis montana* Raf., White wood-sorrel.
- (163) *Panicum tuckermanii* Fern., Tuckerman's panic grass.
- (164) *Paxistima canbyi* A. Gray, Cliff-green.
- (165) *Perideridea americana* (Nutt. ex DC.) Rchb., Eastern yampah.
- (166) *Persicaria careyi* (Olney) Greene., Carey's smartweed.
- (167) *Persicaria setacea* (Baldw.) Small, Bristly smartweed.
- (168) *Phacelia dubia* (L.) Trel., Small-flowered scorpion weed.
- (169) *Phacelia covillei* S. Watson, Covilles scorpion weed.
- (170) *Phaeophyscia leana* (Tuck.) Essl., Lea's shadow lichen.
- (171) *Phlox latifolia* Michx., Mountain phlox.
- (172) *Piptochaetium avenaceum* (L.) Parodi, Black-seeded needle grass.
- (173) *Pityopsis graminifolia* (Michx.) Nutt., Silk-grass.
- (174) *Plantago cordata* Lam., Heart-leaved plantain.
- (175) *Platanthera blephariglottis* (Willd.) Lindl., White fringed orchid.
- (176) *Pluchea camphorata* (L.) DC., Camphor-weed.
- (177) *Poa saltuensis* Fern. and Wieg., Pasture blue grass.



- (178) *Poa wolfii* Scribn., Wolf's blue grass.
- (179) *Podostemum ceratophyllum* Michx., Riverweed.
- (180) *Pohlia elongata* Hedw., Narrow-necked Pohl's moss.
- (181) *Polygala cruciata* L. var. *aquilonia* (Fern.) B.G. Schubert, Cross-leaved milkwort.
- (182) *Polygala curtissii* Gray, Curtiss' milkwort.
- (183) *Polygala paucifolia* Willd., Gay-wings.
- (184) *Populus balsamifera* L., Balsam poplar.
- (185) *Potamogeton gramineus* L., Grass-like pondweed.
- (186) *Potamogeton hillii* Morong, Hill's pondweed.
- (187) *Potamogeton praelongus* Wulfen, White-stemmed pondweed.
- (188) *Potamogeton pulcher* Tuck., Spotted pondweed.
- (189) *Potamogeton robbinsii* Oakes, Robbins' pondweed.
- (190) *Potamogeton vaseyi* J. W. Robbins, Vaseys pondweed.
- (191) *Potentilla supina* L. subsp. *paradoxa* (Nutt.) Sojk, Bushy cinquefoil.
- (192) *Prunus nigra* Aiton, Canada plum.
- (193) *Prunus pumila* L. var. *cuneata* (Raf.) L.H. Bailey, Sand cherry.



- (194) *Pseudognaphalium macounii* (Greene) Kartesz, Winged cudweed.
- (195) *Punctelia perreticulata* (Rasanen) Wilhelm and Ladd, Reticulate speckled shield lichen.
- (196) *Ramalina farinacea* (L.) Ach., Dotted ramalina.
- (197) *Ramalina intermedia* Nyl., Rock ramalina.
- (198) *Ranunculus ambigenus* S. Wats., Water-plantain spearwort.
- (199) *Rhododendron calendulaceum* (Michx.) Torr., Flame azalea.
- (200) *Rhynchospora recognita* (Gale) Kral, Tall grass-like beak-rush.
- (201) *Ribes triste* Pallas, Swamp red currant.
- (202) *Rorippa aquatica* (Eaton) E.J. Palmer and Steyermark, Lake cress.
- (203) *Rubus beamanii* Widrlechner and Riley, Beamans dewberry.
- (204) *Rubus dalibarda* L., Robin-run-away.
- (205) *Rubus fulleri* L.H. Bailey, Fuller's dewberry.
- (206) *Rubus trivialis* Michx., Southern dewberry.
- (207) *Saccharum alopecuroides* (L.) Nutt., Silver plume grass.
- (208) *Sagina decumbens* (Ell.) T. and G., Southern pearlwort.
- (209) *Sagittaria cuneata* Sheldon, Wapato.
- (210) *Sagittaria graminea* Michx., Grass-leaved arrowhead.



- (211) *Salix pedicellaris* Pursh, Bog willow.
- (212) *Sceptridium biternatum* (Sav.) Lyon, Sparse-lobed grape fern.
- (213) *Sceptridium multifidum* (Gmel.) Nishida, Leathery grape fern.
- (214) *Scheuchzeria palustris* L., Arrow-grass.
- (215) *Schistostega pennata* (Hedw.) F. Weber and D. Mohr, Goblin gold moss.
- (216) *Schizachyrium littorale* Gould, Coastal little bluestem.
- (217) *Schoenoplectiella saximontana* (Fernald) Lye, Rocky Mountain bulrush.
- (218) *Schoenoplectiella hallii* (A. Gray) Lye, Hall's bulrush.
- (219) *Schoenoplectus americanus* (Pers.) Volk. ex Schinz and R. Keller, Olney's three-square.
- (220) *Schoenoplectus subterminalis* (Torr.) Sojk, Swaying-rush.
- (221) *Schoenoplectus torreyi* (Olney) Palla, Torrey's bulrush.
- (222) *Selaginella rupestris* (L.) Spring, Rock spike-moss.
- (223) *Silene nivea* (Nutt.) Otth., Snowy Campion.
- (224) *Silphium laciniatum* L., Compass-plant.
- (225) *Sisyrinchium atlanticum* Bickn., Atlantic blue-eyed-grass.
- (226) *Sisyrinchium mucronatum* Michx., Narrow-leaved blue-eyed-grass.



- (227) *Smilax pulverulenta* Michx., Downy carrion-flower.
- (228) *Solidago puberula* Nutt., Dusty goldenrod.
- (229) *Solidago rigidiuscula* (Torr. & A. Gray) Porter, Slender showy goldenrod.
- (230) *Solidago sphacelata* Raf., False goldenrod.
- (231) *Sorbus decora* (Sarg.) C.K. Schneider, Northern mountain-ash.
- (232) *Sparganium emersum* Rehm., Small bur-reed.
- (233) *Sphagnum riparium* Angstr., Shore-growing peat moss.
- (234) *Sphenopholis obtusata* (Michx.) Scribn. var. *obtusata*, Prairie wedge grass.
- (235) *Spiraea virginiana* Britt., Virginia spiraea.
- (236) *Sporobolus heterolepis* (A. Gray) A. Gray, Prairie dropseed.
- (237) *Streptopus lanceolatus* (Ait.) Reveal, Rose twisted-stalk.
- (238) *Stuckenia filiformis* (Pers.) Brner, Filiform pondweed.
- (239) *Tetraneuris herbacea* Greene, Lakeside daisy.
- (240) *Thuidium allenii* Austin, Allen's fern moss.
- (241) *Tomentypnum nitens* (Hedw.) Loeske, Fuzzy hypnum moss.
- (242) *Toxicodendron rydbergii* (Small) Greene, Northern poison-ivy.
- (243) *Trichostema setaceum* Houtt, Narrow-leaved bluecurls.



- (244) *Trifolium reflexum* L., Buffalo clover.
- (245) *Trifolium stoloniferum* Muhl. ex A. Eaton, Running buffalo clover.
- (246) *Trillium undulatum* Willd., Painted trillium.
- (247) *Trollius laxus* Salisb., Spreading globeflower.
- (248) *Urtica chamaedryoides* Pursh, Spring nettle.
- (249) *Utricularia cornuta* Michx., Horned bladderwort.
- (250) *Utricularia geminiscapa* Benj., Two-scaped bladderwort.
- (251) *Vaccinium myrtilloides* Michx., Velvet-leaved blueberry.
- (252) *Vandenboschia boschiana* (J. W. Sturm ex Bosch) Ebihara and K. Iwatsuki, Appalachian filmy fern.
- (253) *Valeriana ciliata* T. and G., Prairie valerian.
- (254) *Vernonia missurica* Raf., Missouri ironweed.
- (255) *Viburnum opulus* L. var. *americanum* Ait., Highbush-cranberry.
- (256) *Vicia americana* Muhl. ex Willd., American vetch.
- (257) *Viola primulifolia* L., Primrose-leaved violet.
- (258) *Weissia sharpii* Anderson and Lemon, Sharp's green-cushioned moss.
- (259) *Xyris difformis* Chapm., Variable yellow-eyed-grass.



(B) The following species of plants are designated as threatened in Ohio.

(1) *Actaea rubra* (Ait.) Willd., Red baneberry.

(2) *Agalinis gattingeri* (Small) Small, Gattinger's-foxglove.

(3) *Amelanchier sanguinea* (Pursh) DC., Rock serviceberry.

(4) *Ammophila breviligulata* Fern., American beach grass.

(5) *Anemone cylindrica* A. Gray, Prairie thimbleweed.

(6) *Antennaria virginica* Stebbins, Shale barren pussy-toes.

(7) *Artemisia campestris* L., Beach wormwood.

(8) *Asplenium ruta-muraria* L., Wall-rue.

(9) *Astragalus canadensis* L., Canada milk-vetch.

(10) *Aureolaria pedicularia* (L.) Raf., Fern-leaf false foxglove.

(11) *Bartonia paniculata* (Michx.) Muhl., Screw-stem.

(12) *Betula pumila* L., Swamp birch.

(13) *Botrychium angustisegmentum* (Pease and A. H. Moore) Fernald, Narrow triangle moonwort.

(14) *Buchnera americana* L., Bluehearts.

(15) *Buxbaumia aphylla* Hedw., Bug-on-a-stick.



- (16) *Calamagrostis porteri* Gray. subsp. *insperata* (Swallen) C.W. Greene, Bartley's reed grass.
- (17) *Calamintha arkansana* (Nutt.) Shinners, Limestone savory.
- (18) *Calopogon tuberosus* (L.) BSP, Grass-pink.
- (19) *Campanula rotundifolia* L. Harebell.
- (20) *Campylostelium saxicola* (Web. and Mohr) Bruch and Schimp. in BSG, Rock-loving swan-necked moss.
- (21) *Carex aquatilis* Wahl., Leafy tussock sedge.
- (22) *Carex arctata* Boott, Drooping wood sedge.
- (23) *Carex bicknellii* Britt., Bicknell's sedge.
- (24) *Carex bushii* Mackenzie, Bush's sedge.
- (25) *Carex brunnescens* (Pers.) Poir., Brownish sedge.
- (26) *Carex complanata* Torr. and Hook., Flattened sedge.
- (27) *Carex conoidea* Willd., Field sedge.
- (28) *Carex crinita* Lam. var. *brevicrinis* Fernald, Short-fringed sedge.
- (29) *Carex crus-corvi* Shuttlw. ex Kunze, Raven-foot sedge.
- (30) *Carex cryptolepis* Mackenzie, Little yellow sedge.
- (31) *Carex diandra* Schrank, Lesser panicled sedge.



- (32) *Carex louisianica* L.H. Bailey, Louisiana sedge.
- (33) *Carex oligosperma* Michx., Few-seeded sedge.
- (34) *Carex purpurifera* Mackenzie, Purple wood sedge.
- (35) *Carex retrorsa* Schwein., Reflexed bladder sedge.
- (36) *Carex sprengelii* Dewey ex Sprengel, Sprengel's sedge.
- (37) *Carex timida* Naczi and B.A. Ford, Timid sedge.
- (38) *Carex viridistellata* Derieg, Reznicek, and Bruederle, Green star sedge.
- (39) *Carex viridula* Michx., Little green sedge.
- (40) *Chrysogonum virginianum* L., Golden-knees.
- (41) *Cirsium carolinianum* (Walt.) Fern. and Schub., Carolina thistle.
- (42) *Comarum palustre* L., Marsh fivefinger.
- (43) *Corallorhiza maculata* (Raf.) Raf., Spotted coral-root.
- (44) *Cornus canadensis* L., Bunchberry.
- (45) *Crocanthemum canadense* (L.) Britt., Canada frostweed.
- (46) *Cyperus diandrus* Torr., Low umbrella-sedge.
- (47) *Cyperus schweinitzii* Torr., Schweinitz' umbrella-sedge.
- (48) *Cypripedium candidum* Muhl. ex Willd., Small white lady's-slipper.



- (49) *Cypripedium reginae* Walt., Showy lady's-slipper.
- (50) *Desmodium sessilifolium* (Torr.) T. and G., Sessile tick-trefoil.
- (51) *Dibaeis absoluta* (Tuck.) Kalb and Gierl, Pink dot lichen.
- (52) *Dichanthelium meridionale* (Ashe) Freckmann, Southern hairy panic grass.
- (53) *Dichelyma capillaceum* (With.) Myrin, Awned dichelyma moss.
- (54) *Draba cuneifolia* Nutt., Wedge-leaved whitlow-grass.
- (55) *Draba reptans* (Lam.) Fern., Carolina whitlow-grass.
- (56) *Echinodorus berteroi* (Spreng.) Fassett, Burhead.
- (57) *Eleocharis flavescens* (Poir.) Urban, Green spike-rush.
- (58) *Eleocharis quinqueflora* (Hartmann) O. Schwartz, Few-flowered spike-rush.
- (59) *Eleocharis verrucosa* (Svenson) L. J. Harms, Warty spike-rush.
- (60) *Elymus trachycaulus* (Link) Gould, Bearded wheat grass.
- (61) *Enchylium bachmanianum* (Fink) Otlora, Bachman's jelly lichen.
- (62) *Eriophorum virginicum* L., Tawny cottongrass.
- (63) *Eriophorum viridicarinatum* (Englem.) Fern., Green cotton-grass.
- (64) *Eupatorium album* L., White thoroughwort.



- (65) *Eupatorium godfreyanum* Cronquist, Godfrey's thoroughwort.
- (66) *Euthamia caroliniana* Greene ex Porter and Britton, Carolina flat-topped goldenrod.
- (67) *Fleischmannia incarnata* (Walter) R.M. King and H. Rob., Pink thoroughwort.
- (68) *Galium palustre* L., Marsh bedstraw.
- (69) *Gentiana alba* Muhl., Yellowish gentian.
- (70) *Gillenia trifoliata* (L.) Moench, Bowman's-root.
- (71) *Glyceria acutiflora* Torr., Sharp-glumed manna grass.
- (72) *Gratiola virginiana* L., Round-fruited hedge-hyssop.
- (73) *Gymnocarpium dryopteris* (L.) Newman, Common oak fern.
- (74) *Helianthus mollis* Lam., Ashy sunflower.
- (75) *Hesperostipa spartea* (Trin.) Barkworth, Porcupine grass.
- (76) *Heuchera longiflora* Rydberg in Britton, Long-flowered alum-root.
- (77) *Heuchera parviflora* Bartling, Small-flowered alum-root.
- (78) *Hypericum ascyron* L., Great St. Johns-wort.
- (79) *Hypericum boreale* (Britt.) Bickn., Northern St. John's-wort.
- (80) *Hypericum kalmianum* L., Kalm's St. John's-wort.
- (81) *Iris brevicaulis* Raf., Leafy blue flag.



- (82) *Iris verna* L., Dwarf iris.
- (83) *Isotes engelmannii* A. Br., Engelmann's quillwort.
- (84) *Juncus alpinoarticulatus* Chaix, Alpine rush.
- (85) *Juncus greenei* Oakes and Tuckerman, Greene's rush.
- (86) *Krigia dandelion* (L.) Nutt., Potato-dandelion.
- (87) *Krigia virginica* (L.) Willd., Dwarf dandelion.
- (88) *Lactuca hirsuta* Muhl., Hairy tall lettuce.
- (89) *Lathyrus japonicus* Willd., Inland beach pea.
- (90) *Leavenworthia uniflora* (Michx.) Butl., Michaux's glade-cress.
- (91) *Lechea pulchella* Raf., Leggett's pinweed.
- (92) *Liatris cylindracea* Michx., Slender blazing-star.
- (93) *Liatris scariosa* (L.) Willd., Large blazing-star.
- (94) *Lipocarpha micrantha* (Vahl) G. Tucker, Dwarf bulrush.
- (95) *Lithospermum caroliniense* Walter MacMill., Plains puccoon.
- (96) *Lycopodiella inundata* (L.) Holub., Northern bog clubmoss.
- (97) *Melampyrum lineare* Desr., Cow-wheat.



- (98) *Melanthium virginicum* L., Bunchflower.
- (99) *Melanthium woodii* (J.W. Robbins ex Wood) Bodkin, Wood's-hellebore.
- (100) *Melica nitens* (Scribn.) Nutt. ex Piper, Three-flowered melic.
- (101) *Menyanthes trifoliata* L., Buckbean.
- (102) *Nabalus aspera* Michx., Rough rattlesnake-root.
- (103) *Nothoscordum bivalve* (L.) Britt., False garlic.
- (104) *Ophioglossum engelmannii* Prantl, Limestone adder's-tongue.
- (105) *Ophioglossum pusillum* Raf., Northern adder's-tongue fern.
- (106) *Oryzopsis asperifolia* Michx., Large-leaved mountain-rice.
- (107) *Packera pauperula* (Michx.) A. Lve and D. Lve, Balsam squaw-weed.
- (108) *Panicum philadelphicum* Bernh., Philadelphia panic grass.
- (109) *Paspalum repens* (Ell.) Kunth, Riverbank paspalum.
- (110) *Passiflora incarnata* L., Maypop.
- (111) *Penstemon canescens* (Britt.) Britt., Gray beard-tongue.
- (112) *Phyllanthus caroliniensis* Walt., Carolina leaf-flower.
- (113) *Placidium squamulosum* (Ach.) Breuss, Brown stipple-scale.
- (114) *Platanthera ciliaris* (L.) Lindl., Yellow fringed orchid.



- (115) *Platanthera leucophaea* (Nutt.) Lindl., Prairie fringed orchid.
- (116) *Platanthera psycodes* (L.) Lindl., Small purple fringed orchid.
- (117) *Pogonia ophioglossoides* (L.) Ker, Rose pogonia.
- (118) *Polygala incarnata* L., Pink milkwort.
- (119) *Polygala polygama* Walt., Racemed milkwort.
- (120) *Potamogeton zosteriformis* Fern., Flat-stemmed pondweed.
- (121) *Prosartes maculata* (Buckley) A. Gray, Nodding mandarin.
- (122) *Prunus rivularis* Scheele, Wild goose plum.
- (123) *Pycnanthemum verticillatum* (Michx.) Pers. var. *pilosum* (Nutt.) Cooperrider, Hairy mountain-mint.
- (124) *Quercus falcata* Michx., Southern red oak.
- (125) *Ramalina pollinaria* (Westr.) Ach., Chalky ramalina.
- (126) *Ranunculus fascicularis* Muhl., Early buttercup.
- (127) *Ranunculus pusillus* Poir., Low spearwort.
- (128) *Rhododendron maximum* L., Great rhododendron.
- (129) *Rhododendron periclymenoides* (Michx.) Shinnery, Pinxter-flower.
- (130) *Ribes missouriense* Nutt., Missouri gooseberry.



- (131) *Rusavskia elegans* (Link) S.Y. Kondr. and Krnefelt, Elegant sunburst lichen.
- (132) *Salix candida* Fluegg ex Willd., Hoary willow.
- (133) *Salix petiolaris* Sm., Slender willow.
- (134) *Sarracenia purpurea* L., Purple pitcher-plant.
- (135) *Schizachne purpurascens* (Torr.) Swallen, False melic.
- (136) *Schoenoplectiella smithii* (A. Gray) Sojk, Smith's bulrush.
- (137) *Scutellaria saxatilis* Riddell, Rock skullcap.
- (138) *Selaginella eclipses* Buck, Midwest spike-moss.
- (139) *Sericocarpus linifolius* (L.) B. S. P., Narrow-leaved aster.
- (140) *Silene caroliniana* Walt. subsp. *pensylvanica* (Michx.) Clausen, Carolina catchfly.
- (141) *Silene caroliniana* Walt. subsp. *wherryi* (Small) Clausen, Wherry's catchfly.
- (142) *Silene regia* Sims, Royal catchfly.
- (143) *Sisyrinchium montanum* Greene, Northern blue-eyed-grass.
- (144) *Solidago odora* Ait., Sweet goldenrod.
- (145) *Solidago speciosa* Nutt., Showy goldenrod.
- (146) *Solidago squarrosa* Muhl., Leafy goldenrod.



- (147) *Sparganium androcladum* (Engelm.) Morong, Keeled bur-reed.
- (148) *Spiranthes romanzoffiana* Cham., Hooded ladies'-tresses.
- (149) *Symphyotrichum drummondii* (Lindl.) G.L. Nesom, Drummond's aster.
- (150) *Symphyotrichum dumosum* (L.) G.L. Nesom, Bushy aster.
- (151) *Symphyotrichum oblongifolium* (Nutt.) G.L. Nesom, Shale barren aster.
- (152) *Triadenum tubulosum* (Walter) Gleason, Large marsh St. John's-wort.
- (153) *Triadenum walteri* (S.G. Gmelin) Gleason, Walter's St. John's-wort.
- (154) *Triantha glutinosa* (Michx.) Baker, False asphodel.
- (155) *Triglochin maritimum* L., Seaside arrow-grass.
- (156) *Utricularia intermedia* Hayne, Flat-leaved bladderwort.
- (157) *Utricularia minor* L., Lesser bladderwort.
- (158) *Vaccinium oxycoccos* L., Small cranberry.
- (159) *Verbesina occidentalis* (L.) Walt., Yellow crown-beard.
- (160) *Vernonia fasciculata* Michx., Prairie ironweed.
- (161) *Viburnum lantanoides* Michx., Hobblebush.
- (162) *Viburnum molle* Michx., Soft-leaved arrow-wood.
- (163) *Viola baxterii* House, Baxter's violet.



(164) *Viola pedata* L., Birdfoot violet.

(165) *Viola tripartita* Ell. var. *glaberrima* (Ging.) Harper, Wedge-leaved violet.

(166) *Viola walteri* House, Walter's violet.

(167) *Xyris torta* Sm., Twisted yellow-eyed-grass.

(168) *Zizania aquatica* L., Southern wild rice.