

TITLE 17: CONSERVATION
CHAPTER I: DEPARTMENT OF NATURAL RESOURCES
SUBCHAPTER c: ENDANGERED SPECIES

PART 1050
ILLINOIS LIST OF ENDANGERED AND THREATENED FLORA

Section	
1050.10	Official List
1050.20	Definitions (Repealed)
1050.25	Criteria Used For Listing
1050.30	Endangered Flora of Illinois
1050.40	Threatened Flora of Illinois

AUTHORITY: Implementing and authorized by Section 7 of the Illinois Endangered Species Protection Act [520 ILCS 10/7].

SOURCE: Adopted at 4 Ill. Reg. 22, p. 209, effective May 20, 1980 unless otherwise noted; amended at 5 Ill. Reg. 10293, effective September 30, 1981; codified at 6 Ill. Reg. 2593; amended at 8 Ill. Reg. 13713, effective July 25, 1984; amended at 13 Ill. Reg. 3755, effective March 13, 1989; amended at 14 Ill. Reg. 6123, effective April 17, 1990; amended at 17 Ill. Reg. 10781, effective July 1, 1993; amended at 18 Ill. Reg. 1142, effective January 18, 1994; recodified by changing the agency name from Department of Conservation to Department of Natural Resources at 20 Ill. Reg. 9389; amended at 22 Ill. Reg. 21902, effective December 3, 1998; amended at 28 Ill. Reg. 12904, effective September 1, 2004; amended at 33 Ill. Reg. 14748, effective October 30, 2009; amended at 39 Ill. Reg. 7993, effective May 19, 2015.

Section 1050.10 Official List

The lists appearing in Sections 1050.30 and 1050.40 have been adopted by the Illinois Endangered Species Protection Board as the Official Lists of Endangered and Threatened Flora of Illinois.

(Source: Amended at 22 Ill. Reg. 21902, effective December 3, 1998)

Section 1050.20 Definitions (Repealed)

(Source: Repealed at 39 Ill. Reg. 7993, effective May 19, 2015)

Section 1050.25 Criteria Used For Listing

- a) A species shall be included on the Official List when one or more of the following criteria exists:
- 1) Species or subspecies designated as federally endangered or threatened.
 - 2) Species proposed for Federal Endangered or Threatened status that occur in Illinois.
 - 3) Species that formerly were widespread in Illinois but have been nearly

extirpated from the State due to habitat destruction, collecting, or other pressures resulting from the development of Illinois.

- 4) Species that exhibit very restricted geographic ranges of which Illinois is a part.
 - 5) Species that exhibit restricted habitats or low populations in Illinois.
 - 6) Species that are significant disjuncts in Illinois, i.e., the Illinois population is far removed from the rest of the species' range.
- b) A species will be removed from the Official List if it no longer fulfills one or more of the criteria in subsection (a), except for a species that no longer fulfills the criteria because it no longer grows in Illinois. The determination will be made pursuant to Section 7 of the Endangered Species Protection Act [520 ILCS 10/7].

(Source: Amended at 39 Ill. Reg. 7993, effective May 19, 2015)

Section 1050.30 Endangered Flora of Illinois

All federally designated endangered or threatened animal species and subspecies have been automatically listed as endangered or threatened under the Illinois Endangered Species Protection Act and placed on the Illinois List by the Board and are protected under the Act even though their names do not appear in this Section. Only those federally designated endangered or threatened animal species and subspecies known to occur in Illinois are designated as Illinois-endangered or Illinois-threatened by the Board and their names appear in this Section. Users should refer to the US Fish and Wildlife Service website at <http://www.fws.gov/endangered/> for a complete listing of all federally designated endangered and threatened species and subspecies.

SCIENTIFIC NAME	COMMON NAME
EQUISETACEAE	
<i>Equisetum scirpoides</i>	Dwarf Scouring Rush
<i>Equisetum sylvaticum</i>	Woodland Horsetail
HYMENOPHYLLACEAE	
<i>Trichomanes boschianum</i>	Filmy fern
ISOETACEAE	
<i>Isoetes butleri</i>	Butler's Quillwort
LYCOPODIACEAE	
<i>Lycopodium clavatum</i>	Running Pine
<i>Lycopodium dendroideum</i>	Ground Pine
<i>Lycopodiella inundata</i>	Bog Clubmoss
OPHIOGLOSSACEAE	
<i>Botrychium biternatum</i>	Southern Grape Fern
<i>Botrychium campestre</i>	Prairie Moonwort
<i>Botrychium matricariifolium</i>	Daisyleaf Grape Fern
<i>Botrychium multifidum</i>	Northern Grape Fern
<i>Botrychium simplex</i>	Dwarf Grape Fern
POLYPODIACEAE	
<i>Asplenium bradleyi</i>	Bradley's Spleenwort

Asplenium resiliens	Black Spleenwort
Cystopteris laurentiana	Laurentian Fragile Fern
Dennstaedtia punctilobula	Hay-scented Fern
Dryopteris celsa	Log Fern
Gymnocarpium dryopteris	Oak Fern
Gymnocarpium robertianum	Scented Oak Fern
Phegopteris connectilis	Long Beech Fern
Thelypteris noveboracensis	New York Fern
Woodsia ilvensis	Rusty Woodsia
CUPRESSACEAE	
Juniperus horizontalis	Trailing Juniper
PINACEAE	
Pinus banksiana	Jack Pine
Pinus echinata	Shortleaf Pine
Pinus resinosa	Red Pine
ALISMATACEAE	
Echinodorus tenellus	Small Burhead
Sagittaria australis	Arrowhead
ARACEAE	
Calla palustris	Water Arum
COMMELINACEAE	
Tradescantia bracteata	Prairie Spiderwort
CYPERACEAE	
Carex alata	Winged Sedge
Carex arkansana	Arkansas Sedge
Carex brunnescens	Brownish Sedge
Carex canescens var. disjuncta	Silvery Sedge
Carex chordorrhiza	Cordroot Sedge
Carex crawfordii	Crawford's Sedge
Carex cumulata	Sedge
Carex decomposita	Cypress-knee Sedge
Carex diandra	Sedge
Carex disperma	Shortleaf Sedge
Carex echinata	Sedge
Carex formosa	Sedge
Carex garberi	Elk Sedge
Carex gigantea	Large Sedge
Carex heliophila	Plains Sedge
Carex intumescens	Swollen Sedge
Carex nigromarginata	Black-edged Sedge
Carex oligosperma	Few-seeded Sedge
Carex physorhyncha	Bellow's Beak Sedge
Carex plantaginea	Plantain-leaved Sedge
Carex reniformis	Reniform Sedge
Carex trisperma	Three-seeded Sedge
Carex tuckermanii	Tuckerman's Sedge
Eleocharis olivacea (Eleocharis flavescens var. olivacea)	Capitate Spikerush
Eleocharis pauciflora (Eleocharis quinqueflora)	Few-flowered Spikerush

Eriophorum virginicum	Rusty Cotton Grass
Fimbristylis vahlii	Vahl's Fimbry
Rhynchospora alba	Beaked Rush
Rhynchospora glomerata	Clustered Beak Rush
Schoenoplectus purshianus	Pursh's Bulrush
Schoenoplectus smithii	Smith's Bulrush
Scirpus hattorianus	Bulrush
Scirpus microcarpus	Small-fruited
Scleria muhlenbergii	Muhlenberg's Nut Rush
Scleria pauciflora	Carolina Whipgrass
Trichophorum cespitosum	Tufted Bulrush
IRIDACEAE	
Sisyrinchium atlanticum	Eastern Blue-eyed Grass
Sisyrinchium montanum	Mountain Blue-eyed Grass
JUNACEAE	
Juncus vaseyi	Vasey's Rush
Luzula acuminata	Hairy Woodrush
LILIACEAE	
Camassia angusta	Wild Hyacinth
Chamaelirium luteum	Fairy Wand
Medeola virginiana	Indian Cucumber Root
Trillium cernuum	Nodding Trillium
Trillium erectum	Ill-scented Trillium
Trillium viride	Green Trillium
Zigadenus elegans (Zigadenus venenosus var. gramineus)	White Camass
ORCHIDACEAE	
Calopogon oklahomensis	Oklahoma Grass Pink Orchid
Calopogon tuberosus	Grass Pink Orchid
Corallorhiza maculata	Spotted Coral-root Orchid
Cypripedium acaule	Moccasin Flower
Cypripedium parviflorum	Small Yellow Lady's Slipper
Cypripedium reginae	Showy Lady's Slipper
Hexalectris spicata	Crested Coralroot Orchid
Isotria medeoloides*	Small Whorled Pogonia
Isotria verticillata	Whorled Pogonia
Platanthera ciliaris	Orange Fringed Orchid
Platanthera clavellata	Wood Orchid
Platanthera leucophaea*	Eastern Prairie Fringed Orchid
Platanthera psychodes	Purple Fringed Orchid
Pogonia ophioglossoides	Snake-mouth
Spiranthes lucida	Yellow-lipped Ladies' Tresses
Spiranthes vernalis	Spring Ladies' Tresses
POACEAE	
Bechmannia syzigachne	American Slough Grass
Bouteloua gracilis	Blue Grama
Calamagrostis insperata	Hollow Reed Grass
Deschampsia flexuosa	Hairgrass
Dichanthelium boreale	Northern Panic Grass
Dichanthelium portoricense	Hemlock Panic Grass

Dichanthelium jorii	Panic Grass
Dichanthelium ravenelii	Ravenel's Panic Grass
Dichanthelium yadkinense	Panic Grass
Elymus trachycaulis	Bearded Wheat Grass
Glyceria arkansana	Arkansas Manna Grass
Melica mutica	Two-Flowered Melic Grass
Poa alsodes	Grove Bluegrass
Poa languida	Weak Bluegrass
Poa wolfii	Wolf's Bluegrass
Torreyochloa pallida	Pole Manna-Grass
Schizachne purpurascens	False Melic Grass
PONTERDERIACEAE	
Heteranthera reniformis	Mud Plantain
POTAMOGETONACEAE	
Potamogeton praelongus	White-stemmed Pondweed
Potamogeton pulcher	Spotted Pondweed
Potamogeton robbinsii	Fern Pondweed
Potamogeton strictifolius	Stiff Pondweed
SPARGANIACEAE	
Sparganium americanum	American Bur-reed
Sparganium emersum	Green-fruited Bur-reed
ACANTHACEAE	
Justicia ovata	Water Willow
ADOXACEAE	
Adoxa moschatellina	Moschatel
AMARANTHACEAE	
Iresine rhizomatosa	Bloodleaf
APIACEAE	
Conioselinum chinense	Hemlock Parsley
Cynosciadium digitatum	Cynosciadium
Eryngium prostratum	Eryngo
Ptilimnium nuttallii	Mock Bishop's Weed
Sanicula smallii	Southern Black Snakeroot
ASCLEPIADACEAE	
Asclepias lanuginosa	Wooly Milkweed
Asclepias meadii*	Mead's Milkweed
Asclepias ovalifolia	Oval Milkweed
Asclepias stenophylla	Narrow-leaved Green Milkweed
Matelea decipiens	Climbing Milkweed
ASTERACEAE	
Artemisia dracunculus	Dragon Wormwood
Eupatorium hyssopifolium	Hyssop-leaved Thoroughwort
Helianthus giganteus	Tall Sunflower
Megalodonta beckii	Water Marigold
Melanthera nivea	White Melanthera
Nothocalais cuspidata	Prairie Dandelion
Tetranuris herbacea	Lakeside Daisy
BETULACEAE	
Alnus incana subsp. rugosa	Speckled Alder
Betula alleghaniensis	Yellow Birch

BORAGINACEAE

Hackelia deflexa var. *americana* Stickseed
Heliotropium tenellum Slender Heliotrope

BRASSICACEAE

Cardamine pratensis var. *palustris* Cuckoo Flower
Draba cuneifolia Whitlow Grass
Lesquerella ludoviciana Silvery Bladderpod

CACTACEAE

Opuntia fragilis Fragile Prickly Pear

CAPPARIDACEAE

Polanisia jamesii James' Clammyweed

CAPRIFOLIACEAE

Lonicera dioica var. *glaucescens* Red Honeysuckle
Lonicera flava Yellow Honeysuckle
Sambucus racemosa subsp. *pubens* Red-berried Elder
Symphoricarpos albus var. *albus* Snowberry

CARYOPHYLLACEAE

Silene ovata Ovate Catchfly
Silene regia Royal Catchfly
Stellaria pubera Great Chickweed

CISTACEAE

Hudsonia tomentosa False Heather
Lechea intermedia Savanna Pinweed

CLUSIACEAE

Hypericum adpressum Shore St. John's Wort
Hypericum kalmianum Kalm's St. John's Wort

CONVOLVUACEAE

Stylisma pickeringii Patterson's Bindweed

CORNACEAE

Cornus canadensis Bunchberry

CORYLACEAE

Corylus cornuta Beaked Hazelnut

DROSERACEAE

Drosera rotundifolia Round-leaved Sundew

ELAEAGNACEAE

Shepherdia canadensis Buffaloberry

ERICACEAE

Andromeda glaucophylla Bog Rosemary
Arctostaphylos uva-ursi Bearberry
Vaccinium corymbosum Highbush Blueberry
Vaccinium macrocarpon Large Cranberry
Vaccinium oxycoccos Small Cranberry
Vaccinium stamineum Deerberry

EUPHORBIACEAE

Chamaesyce polygonifolia Seaside Spurge
Euphorbia spathulata Spurge

FABACEAE

Amorpha nitens Smooth False Indigo
Astragalus crassicaulus var. *trichocalyx* Large Ground Plum

Astragalus distortus	Bent Milk Vetch
Astragalus tennesseensis	Tennessee Milk Vetch
Baptisia tinctoria	Yellow Wild Indigo
Cladrastis lutea (Cladrastis kentuckea)	Yellowwood
Dalea foliosa **	Leafy Prairie Clover
Galactia mohlenbrockii	Boykin's Dioclea
Lespedeza leptostachya*	Prairie Bush Clover
FAGACEAE	
Quercus texana	Nuttall's Oak
GENTIANACEAE	
Bartonia paniculata	Screwstem
Sabatia campestris	Prairie Rose Gentian
GERANIACEAE	
Geranium bicknellii	Northern Cranesbill
HYDROPHYLLACEAE	
Hydrolea uniflora	One-flowered Hydrolea
Nemophila triloba	Baby Blue-Eyes
Phacelia gilioides	Ozark Phacelia
JUGLANDACEAE	
Carya pallida	Pale Hickory
LENTIBULARIACEAE	
Utricularia cornuta	Horned Bladderwort
Utricularia minor	Small Bladderwort
Utricularia subulata	Hair Bladderwort
LOASACEAE	
Mentzelia oligosperma	Stickleaf
MALVACEAE	
Iliamna remota	Kankakee Mallow
Malvastrum hispidum	False Mallow
MELASTOMACEAE	
Rhexia mariana	Dull Meadow Beauty
MYRICACEAE	
Comptonia peregrina	Sweetfern
NYCTAGINACEAE	
Mirabilis hirsuta	Hairy Umbrella-wort
ONAGRACEAE	
Circaea alpina	Small Enchanter's Nightshade
OROBANCHACEAE	
Orobanche fasciculata	Clustered Broomrape
PAPAVERACEAE	
Corydalis aurea	Golden Corydalis
Corydalis halei	Hale's Corydalis
Corydalis sempervirens	Pink Corydalis
PLANTAGINACEAE	
Plantago cordata	Heart-leaved Plantain
POLEMONIACEAE	
Phlox pilosa subsp. sangamonensis	Sangamon Phlox
POLYGALACEAE	
Polygala incarnata	Pink Milkwort
POLYGONACEAE	

Polygonum careyi	Carey's Heartsease
Tracaulon arifolium	Halberd-leaved Tearthumb
PORTULACACEAE	
Talinum calycinum	Fameflower
PRIMULACEAE	
Lysimachia radicans	Creeping Loosestrife
Primula mistassinica	Bird's-eye Primrose
Trientalis borealis	Star-flower
PYROLACEAE	
Chimaphila maculata	Spotted Wintergreen
Chimaphila umbellata	Pipsissewa
RANUNCULACEAE	
Cimicifuga americana	American Bugbane
Cimicifuga racemosa	False Bugbane
Cimicifuga rubifolia	Black Cohosh
Clematis crispa	Blue Jasmine
Clematis occidentalis	Mountain Clematis
Clematis viorna	Leatherflower
RHAMNACEAE	
Berchemia scandens	Supple-Jack
Ceanothus herbaceus	Redroot
Rhamnus alnifolia	Alder Buckthorn
ROSACEAE	
Amelachier sanguinea	Shadbush
Malus angustifolia	Narrow-leaved Crabapple
Rosa acicularis	Bristly Rose
Sanguisorba canadensis	American Burnet
Sorbus americana	American Mountain Ash
RUBIACEAE	
Galium virgatum	Dwarf Bedstraw
SALICACEAE	
Populus balsamifera	Balsam Poplar
Salix serissima	Autumn Willow
Salix syrticola	Dune Willow
SAPOTACEAE	
Bumelia lanuginosa	Woolly Buckthorn
SARRACENIACEAE	
Sarracenia purpurea	Pitcher Plant
SAXIFRAGACEAE	
Ribes hirtellum	Northern Gooseberry
Saxifraga virginiana	Early Saxifrage
SCROPHULARIACEAE	
Castilleja sessiliflora	Downy Yellow Painted Cup
Collinsia violacea	Violet Collinsia
Gratiola quartermantiae	Hedge Hyssop
Mimulus glabratus	Yellow Monkey Flower
Penstemon tubaeformis	Tube Beards Tongue
Penstemon grandiflorus	Large-flowered Beard Tongue
Veronica americana	American Brooklime
STYRACACEAE	

Halesia carolina	Silverbell Tree
Styrax grandifolius	Bigleaf Snowbell Bush
TILLIACEAE	
Tilia heterophylla	White Basswood
ULMACEAE	
Ulmus thomasii	Rock Elm
VALERIANACEAE	
Valeriana uliginosa	Marsh Valerian
Valerianella chenopodifolia	Corn Salad
Valerianella umbilicata	Corn Salad
VIOLACEAE	
Viola blanda	Hairy White Violet
Viola canadensis	Canada Violet
Viola primulifolia	Primrose Violet

* Federally designated threatened species

** Federally designated endangered species

(Source: Amended at 39 Ill. Reg. 7993, effective May 19, 2015)

Section 1050.40 Threatened Flora of Illinois

All federally designated endangered or threatened plant species and subspecies have been automatically placed on the Illinois List by the Board and are protected under the Illinois Endangered Species Protection Act even though their names do not appear in this Part. Only those federally designated endangered or threatened plant species and subspecies known to occur in Illinois are designated as Illinois-endangered or Illinois-threatened by the Board and their names appear in this Part. Users should refer to the US Fish and Wildlife Service at www.fws.gov/endangered/ for a complete listing of all federally designated endangered and threatened species and subspecies.

SCIENTIFIC NAME	COMMON NAME
PHYSICIACEAE	
Phaeophyscia leana	Lea's Bog Lichen
EQUISETACEAE	
Equisetum pratense	Meadow Horsetail
LYCOPODIACEAE	
Huperzia porophila	Cliff Clubmoss
CUPRESSACEAE	
Juniperus communis	Ground Juniper
PINACEAE	
Larix laricina	Tamarack
CYPERACEAE	
Carex atlantica	Sedge
Carex aurea	Golden Sedge
Carex bromoides	Sedge
Carex communis	Fibrous-rooted Sedge

Carex cryptolepsis	Yellow Sedge
Carex oxylepis	Sharp-scaled Sedge
Carex prasina	Drooping Sedge
Carex viridula	Little Green Sedge
Carex willdenowii	Willdenow's Sedge
Cyperus grayoides	Umbrella Sedge
Cyperus lancastris	Galingale
Eleocharis rostellata	Beaked Spike Rush
Schoenoplectus hallii	Hall's Bulrush
Scirpus polyphyllus	Many-leaved Bulrush
JUNCAGINACEAE	
Triglochin maritima	Common Bog Arrowgrass
Triglochin palustris	Slender Bog Arrowgrass
LILIACEAE	
Melanthium virginicum	Bunchflower
Polygonatum pubescens	Downy Solomon's Seal
Stenanthium gramineum	Grass-leaved Lily
Tofieldia glutinosa	False Asphodel
ORCHIDACEAE	
Platanthera flava	Tubercled Orchid
POACEAE	
Ammophila breviligulata	Marram Grass
POTAMOGETONACEAE	
Potamogeton gramineus	Grass-leaved Pondweed
ASTERACEAE	
Aster furcatus	Forked Aster
Boltonia decurrens*	Decurrent False Aster
Cirsium pitcheri*	Pitcher's (Dune) Thistle
Helianthus angustifolius	Narrow-leaved Sunflower
Hymenopappus scabiosaeus	Old Plainsman
Rudbeckia missouriensis	Missouri Orange Coneflower
Solidago sciaphila	Cliff Goldenrod
BRASSICAEAE	
Cakile edentula	Sea Rocket
CAPRIFOLIACEAE	
Viburnum molle	Arrowwood
CARYOPHYLLACEAE	
Minuartia patula	Slender Sandwort
CELASTRACEAE	
Euonymus americanus	American Strawberry Bush
CRASSULACEAE	
Sedum telephioides	American Orpine
CUCURBITACEAE	
Melothria pendula	Squirting Cucumber
DROSERACEAE	
Drosera intermedia	Narrow-leaved Sundew
ERICACEAE	
Chamaedaphne calyculata	Leatherleaf
FABACEAE	
Lathyrus ochroleucus	Pale Vetchling

Trifolium reflexum	Buffalo Clover
FAGACEAE	
Quercus phellos	Willow Oak
Quercus montana	Rock Chestnut Oak
JUGLANDACEAE	
Carya aquatica	Water Hickory
JUNCACEAE	
Juncus alpinoarticulatus	Richardson's Rush
LAMIACEAE	
Salvia azurea	Blue Sage
Synandra hispidula	Hairy Synandra
LENTIBULARIACEAE	
Utricularia intermedia	Flat-leaved Bladderwort
MENYANTHACEAE	
Menyanthes trifoliata	Buckbean
ONAGRACEAE	
Epilobium strictum	Downy Willow Herb
OROBANCHACEAE	
Orobanche ludoviciana	Broomrape
OXALIDACEAE	
Oxalis illinoensis	Illinois Wood Sorrel
PORTULACACEAE	
Talinum parviflorum	Small Flower-Of-An-Hour
PRIMULACEAE	
Dodecatheon frenchii	French's Shooting Star
RANUNCULACEAE	
Delphinium carolinianum	Wild Blue Larkspur
Ranunculus rhomboideus	Prairie Buttercup
ROSACEAE	
Amelanchier interior	Shadbush
Filipendula rubra	Queen-of-the-Prairie
Rubus odoratus	Purple-flowering Raspberry
Rubus pubescens	Dwarf Raspberry
Rubus schneideri	Bristly Blackberry
SAXIFRAGACEAE	
Sullivantia sullivantii	Sullivantia
SCROPHULARIACEAE	
Agalinis skinneriana	Pale False Foxglove
Besseyia bullii	Kitten Tails
Buchnera americana	Blue Hearts
Veronica scutellata	Marsh Speedwell
STYRACACEAE	
Styrax americana	Storax
ULMACEAE	
Planera aquatica	Water Elm
URTICACEAE	
Urtica chamaedryoides	Nettle

* Federally designated threatened species

** Federally designated endangered species.

(Source: Amended at 39 Ill. Reg. 7993, effective May 19, 2015)