

Illinois Native Plant Society Survey Grant: 2014 Priority Plant List

The priority list is divided into two sections: Listed Species and “Watch List” - Non-listed Species of Conservation Concern. Applicants may choose one or more species from the priority list. Species may be grouped by habitat type or by geographic proximity within a county or region.

Listed Species in Need of Surveys: ESTAC and Illinois Natural History Database

This list is based on 2023 discussions and recommendations of the Endangered Species Technical Advisory Committee (ESTAC) to the Illinois Endangered Species Board during their 5-year review of the Endangered and Threatened Species List. The species listed below are deemed to be those that need additional comprehensive surveys before their status can be recommended for change (from Threatened to Endangered, E to T, Delisted, or considered Historic or Extirpated in the State.) The list is not yet official; it will be finalized in February, 2024, during the final ESTAC meeting.

Note: This list is continually evolving as EO reports for listed species are submitted to the Natural Heritage Database. When considering undertaking a Survey for a listed species, applicants should consult with the Illinois Natural Heritage Database for the most current information (see below, P. 4, Note 3).

Nomenclature largely follows Robert H. Mohlenbrock, Vascular Flora Illinois, 4th Edition, 2014.

Adoxa moschatellina (Moshatel) E
Artemisia dracunculus (Dragon Wormwood, Wild Tarragon) E
Asclepias stenophylla (Narrow-leaved Green Milkweed) E
Astragalus tennesseensis (Tennessee Milk Vetch) E
Botrychium simplex (Dwarf Grape Fern) E; H *
Buchnera americana (Blue Hearts) T
Carex diandra (Bog-Panicled Sedge) E
Carex physorhyncha (Bellow’s Beak Sedge) E; H *
Carex prasina (Drooping Sedge) T (proposed E)
Carex willdenowii (Willdenow’s Sedge) T
Carya pallida (Pale Hickory) E
Chimaphila umbellata (Pipsissewa; searched in 2023) E; H
Circaea alpina (Small Enchanter’s Nightshade) E; H
Clematis viorna (Leather Flower; Vasevine) E
Corydalis aurea (Golden Corydalis) E; H
Cyperus grayoides (Umbrella Sedge) T
Cyperus lancastricensis (Gallingdale) T
Cypripedium acaule (Moccasin Flower) E
Dendrolycopodium hickeyi (Hickey’s Ground Pine) E
Dichanthelium portoricense (Hemlock Panic Grass) E; H
Dichanthelium yadkinense (Panic Grass) E
Dodecatheon frenchii (French’s Shooting Star) T
Echinodorus tenellus (Small Burhead; 2 of 4 EOs have been refound.) E
Equisetum pratense (Meadow Horsetail) T

Illinois Native Plant Society Survey Grant: 2014 Priority Plant List

Equisetum scirpoides (Dwarf Scouring Rush) E
Fimbristylis vahlii (Vahl's Fimbry) E
Glyceria arkansana (Arkansas Manna Grass) E
Gymnocarpum robertianum (Scented Oak Fern) E
Justicia ovata (Water Willow) E; H
Lonicera flava (Yellow Honeysuckle) E
Lycopodium clavatum (Running Pine) E
Lysimachia radicans (Creeping Loosestrife) E
Monarda clinopodia (White Bergamot) T
Phacelia gilliioides (Ozark Phacelia) E; H
Poa alsodes (Grove Bluegrass) E; H
Polanisia jamesii (James' Clammy Weed) E
Potamogeton pulcher (Spotted Pondweed) E
Quercus phellos (Willow Oak) T
Rhexia mariana (Dull Meadow Beauty) E
Rhamnus alnifolia (Alder Buckthorn; searched in 2023, needs more searches) E; H
Ribes hirtellum (Northern Gooseberry) E; H
Salvia azurea (Blue Sage) T
Sceptridium multifidum (Northern Grape Fern; formerly *Botrychium multifidum*) E; H
Scirpus polyphyllus (Bulrush, western populations need searching) T
Scleria muhlenbergii (Muhlenberg's Nut Rush) E (Searched in 2023 but more searches needed)
Sisyrinchium atlanticum (Eastern Blue-Eyed Grass) E
Styrax grandifolius (Bigleaf Snowbell Bush) E
Sullivantia sullivantii (Sullivantia) T
Ulmus thomasii (Rock Elm) E
Urtica chamaedryoides (Nettle) T
Utricularia cornuta (Horned Bladderwort, found in 2022 and 23; needs more searches) E
Utricularia intermedia (Flat-leaved Bladderwort, found in at least 2 locations in 2023; needs more searches) T
Viola blanda (Hairy White Violet) E (may be extirpated)

H = Historic: no populations observed within 20 years or Extirpated: all populations searched within 20 years confirmed extirpated (IL Natural Heritage Database)

"Watch List" - Non-Listed Species of Conservation Concern

The following list is based on 2023 discussions of the ESTAC group and on the Illinois Natural History Survey's assessment of the most vulnerable "Non-listed Species of High Conservation Priority." Note that the State of Illinois does not have an official "Watch List" and that these species arise from a consensus of active Illinois botanists. These species are deemed to require surveys to determine whether they should be listed or placed in a conservation concern category.

Illinois Native Plant Society Survey Grant: 2014 Priority Plant List

“Watch List” Species Identified by ESTAC in 2023

Agalinis gattingeri (Gattinger’s False Foxglove, Round-Stemmed False Foxglove)
Carex limosa (Muck Sedge)
Celtis tenuifolia (Dwarf Hackberry)
Geum virginianum (Pale Avens)
Hypericum swinkianum (Swink’s St. John’s Wort)
Neottia bifolia (Southern Twayblade) N
Oenothera linifolia (Threadleaf Evening Primrose; Three-leaved Sundrops)

INHS List: “Non-listed Species of High Conservation Priority”

Allium stellatum (Cliff Onion)
Aureolaria pedicularia var ambigens (Clammy False Foxglove; Fernleaf Yellow False Foxglove) *
Bergia texana (Texas Bergia) *
Berula erecta (Low Water Parsnip)
Brasenia schreberi (Watershield)
Callirhoe triangulata (Clustered Poppy Mallow)
Carex albolutescens (Long-fruited Oval Sedge) *
Carex richardsonii (Hummock Sedge; Prairie Tussock Sedge)
Celastrus scandens (American Bittersweet)
Cryptogramma stelleri (Slender Cliffbrake)
Dactylorhiza viridis (Frog Orchid; Bracted Orchid) N
Eleocharis wolfii (Wolf’s Spikerush)
Equisetum variegatum (Variegated Scouring Rush)
Erythronium mesochoreum (Prairie Trout Lily; White Trout Lily)
Eurybia shreberi (Shreber’s Aster, Chase Aster)
Fimbristylis puberula (Fimbry; Chestnut Sedge)
Fraxinus nigra (Black Ash)
Geum triflorum (Prairie Smoke)
Hasteola suaveolens (Sweet Indian Plantain)
Napaea dioica (Glade Mallow)
Phragmites americanus (American Reed)
Polytaenia nuttallii (Prairie Parsley)
Pulsatilla patens (*Pulsatilla nuttalliana*; *Anemone patens var multifida*; American Pasque Flower; Prairie Pasque Flower)
Rhamnus lanceolata (Lance-leaved Buckthorn) *
Rorippa aquatica (Lake Cress) N
Silene nivea (Snowy Campion)
Spiranthes ochroleuca (Yellowish Nodding Ladies’ Tresses) N
Spiranthes sheviakii (Old Field Ladies’ Tresses) N
Symphyotrichum parviceps (Small-headed White Aster)

Illinois Native Plant Society Survey Grant: 2014 Priority Plant List

Thuja occidentalis (Northern White Cedar; American Arborvitae; formerly listed as T) **

Valeriana edulis (Fringed Valerian, Edible Valerian)

Veratrum woodii (*Melanthium woodii*; False Hellebore, Wood's Bunchflower)

Zizania aquatica (Wild Rice)

N: Newly documented in Illinois

* Considered by INHS botanists to warrant immediate consideration for listing.

**The Natural Heritage Database has historic EO data on formerly listed species which should be included in the documentation for a proposal.

NOTE 1: Additionally, applicants may make a case proposing a survey or surveys of listed or non-listed species not included in this priority list, based on demonstrated need. To be eligible for Survey Grant funding, applications involving these species must demonstrate that the species is sufficiently rare or threatened, and for which comprehensive documentation is needed to warrant either listing or placement in a conservation concern category. Describe how the project meets Survey Grant Guidelines.

NOTE 2: Because Plants of Concern (POC) submits EO reports for many listed species and other rare plant species in multiple counties of Northeast and Southern Illinois, applicants are encouraged to survey species in other portions or counties in the State. Where species occur in both POC covered counties and other counties, supplementing POC searches to achieve complete coverage for those species would be beneficial. Applicants are strongly encouraged to contact POC in advance to determine whether their potential species is being covered by POC.

NOTE 3: *To obtain information for updated and full EO records for your chosen listed species, contact Natural Heritage Database manager Tara Kieninger (tara.kieninger@illinois.gov) and explain your proposal interest and the species involved. Upon approval by the Database Manager, applicants will be issued a Data License Agreement. Depending on the species chosen, additional information may be made available from former surveyors' notes in the EO record.*