

## 2025 INPS Survey Grant: Priority Species List

Three lists from separate sources are included here. Species may occur on more than one list.

Applicants may also choose to survey other listed or rare Illinois species provided that they provide adequate justification for including them in a Survey Grant proposal.

Plants of Concern (Chicago Botanic Garden) has surveyed a substantial number of non-listed species and may be contacted to request data on these species to include in a survey proposal: [info@plantsofconcern.org](mailto:info@plantsofconcern.org)

- I. **Listed and Non-listed Species Identified as needing more survey data by ESTAC (Endangered Species Technical Advisory Committee for Plants) during meetings for the Illinois Endangered Species Protection Board's 2024/25 listing process.**

Compiled 4/16/2024 by Paul Marcum from ESTAC meeting proceedings. This list of recommendations is advisory and has no official Illinois State status.

- *Agalinis gattereri*
- *Botrychium simplex* (also listed in # II)
- *Carya pallida*
- *Celtis tenuifolia/C. pumila*
- *Cyperus lancastricensis*
- *Cypripedium parviflorum* var. *parviflorum*
- *Deschampsia flexuosa*
- *Dodecatheon frenchii*
- *Equisetum pratense*
- *Equisetum scirpoides* (also listed in # II)
- *Eleocharis olivacea* (also listed in # II)
- *Geum virginianum*
- *Iresine rhizomatosa*
- *Justicia ovata*
- *Lilium superbum*
- *Lycopodium clavatum*
- *Lysimachia radicans*
- *Neottia bifolia*
- *Oenothera linifolia*
- *Rhododendron prinophyllum*
- *Scirpus polyphyllus*
- *Ulmus thomasii*
- *Utricularia intermedia*

## II. Historic\* endangered plant species in Illinois

- *Adoxa moschatellina* – Searched for in 2023 but new information indicates other locations
- *Botrychium simplex* – Partially searched for in 2023 but more searches needed. Also listed in # I.
- *Carex physorhyncha*
- *Chimaphila umbellata* – Searched for in 2023
- *Circaea alpina*
- *Corydalis aurea*
- *Dichanthelium portoricense*
- *Eleocharis olivacea* (also listed in # I)
- *Equisetum scirpoides* (also listed in # I)
- *Gymnocarpium robertianum*
- *Justicia ovata*
- *Lycopodiella inundata* – Searched for in 2023
- *Phacelia gilioides*
- *Poa alsodes*
- *Potamogeton pulcher*
- *Rhamnus alnifolia* – Searched for in 2023 but more searches needed
- *Ribes hirtellum*
- *Scleria muehlenbergii* – Searched for in 2023 but more searches needed
- *Utricularia cornuta* – Observed/photographed in recent years but official EO not submitted

\*Historic: defined as: no populations observed within 20 years OR all populations which have been seen within 20 years have now been confirmed extirpated, based on Illinois Natural Heritage Database Records.

## III. Watch List of Non-Listed Species of Conservation Concern recommended by the Illinois Natural History Survey to IDNR, Division of Natural Heritage, 2024:

*Illinois Plant S-rank Project*: Charles, Brian M; Spyreas, Greg; Marcum, Paul B.; Ulaszek, Eric; Zaya, David N; Molano-Flores, Brenda

Technical Report INHS 2024 (13) Prepared for IDNR Division of Natural Heritage Issued on 6/30/2024. P.41. (See website report for full discussion of rationale for these recommendations: <https://www.ideals.illinois.edu/items/131144/>) Several of these species, formerly listed as E or T, were de-listed. They are included as a way to ensure tracking them should they suffer declines. (Note: Illinois does not have an official “watch list” and has not officially adopted this list of recommendations.)

- *Allium stellatum*
- *Berula erecta*

- *Brasenia schreberi*
- *Callirhoe trianglulata*
- *Carex richardsonii*
- *Celastrus scandens*
- *Cirsium hillii*
- *Cryptogramma stelleri*
- *Dactylorhiza viridis*
- *Deschampsia cespitosa*
- *Echinacea simulata*
- *Eleocharis wolfii*
- *Equisetum variegatum*
- *Erythronium mesochoreum*
- *Eurybia schreberi*
- *Fimbristylis puberula*
- *Fraxinus nigra*
- *Geum triflorum*
- *Hasteola suaveolens*
- *Ludwigia sphaerocarpa*
- *Napaea dioica*
- *Phragmites americanus*
- *Polytaenia nuttallii*
- *Pulsatilla patens*
- *Rorippa aquatica*
- *Silene nivea*
- *Spiranthes ochroleuca*
- *Spiranthes sheviakii*
- *Sympyotrichum parviceps*
- *Thuja occidentalis*
- *Tomanthera auriculata*
- *Uvularia floridana*
- *Valeriana edulis*
- *Veratrum woodii*
- *Zizania aquatica*