

## Some Recent Indiana Plant Distribution Records

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### Introduction

From 1983 to 1986 various Indiana counties have been inventoried for potential natural areas. This has provided the opportunity to collect vascular plants for further identification. As a result of this work 82 new county records were collected from 28 counties. Included in these records were 14 plants considered endangered, threatened or rare in Indiana (1). Plant distribution records published in the *Proceedings of the Indiana Academy of Science* were checked by Lewis Johnson in order to determine new county records published since Deam (2).

Nomenclature follows Deam, except for *Andropogon gerardi* and *Chorispora tenella* which follow Swink (5), *Carex socialis* which follows Mohlenbrock and Schwegan (3) and *Carex atlantica* subsp. *atlantica* which follows Reznicek and Ball (4). Species are listed by the order in which they appear in Deam. Most specimens discussed are deposited in the Deam Herbarium at Indiana University in Bloomington, Indiana with some duplicates deposited in the herbarium at The Morton Arboretum, Lisle, Illinois.

### New County Records—Endangered, Threatened or Rare Species

Endangered Species—*Lycopodium tristachyum* Pursh.—LaPorte County, *Carex atlantica* subsp. *atlantica* L. H. Bailey—Clay County, *Talinum rugospermum* Holzinger—Jasper County, *Aralia hispida* Vent.—Jasper County, and *Androsace occidentalis* Pursh.—Jasper County.

Threatened Species—*Lycopodium clavatum* L.—Pulaski County, *Lycopodium obscurum* L.—Pulaski County, *Carex decomposita* Muhl.—Owen County, *Carex seorsa* E. C. Howe—LaPorte County, *Carex socialis* Mohlenbrock and Schwegman—Warrick County, and *Waldsteinia fragarioides* (Michx.) Tratt—Greene County.

Rare species—*Carex alata* Torr.—Noble County, *Pyrola elliptica* Nutt.—Jasper County, and *Pyrola rotundifolia* L. var. *americana* (Sweet) Fern.—LaPorte County.

### Other County Records

*Ophioglossum vulgatum* L.—Clay County, *Dryopteris cristata* (L.) A. Gray—Clay, Owen Counties, *Lycopodium flabelliforme* (Fern.) Blanchard.—Clay, Green, Owen Counties, *Lycopodium lucidulum* Michx.—Green, Owen Counties, *Andropogon gerardi* Vitamin—Jay County, *Zizania aquatica* L.—Pulaski County, *Carex convoluta* Mack.—Marshall County, *Carex davisii* Schwein. and Torr.—Vermillion County, *Carex emmonsii* Dewey—LaPorte County, *Carex grayii* Carey—Boone County, *Carex hyalinolepis* Steud.—Hancock County, *Carex laevivaginata* (Kukenth) Mack—Clay County, *Carex lasiocarpa* Ehrh.—Noble County, *Carex prasina* Wahl.—Clay County, *Carex meadii* Dewey—Jasper County, *Carex rostrata* Stokes—Starke County, *Carex swanii* (Fern.) Mack—Clay County, *Carex stipata* Muhl.—Hancock, Starke Counties, *Carex stipata* var. *maxima* Chapm.—Hancock County, *Carex tribuloides* Wahl.—Hancock County, *Scirpus polyphyllus* Vahl.—Greene County, *Juncus acuminatus* Michx.—Pulaski County, *Juncus biflorus* Ell.—Greene County, *Juncus balticus* Willd. var. *littoralis* Englem.—Lagrange County, *Juncus macer* S. F. Gray—Greene County,

*Juncus marginatus* Rostk.—Greene County, *Erythronium albidum* Nutt.—Clinton County, *Trillium gleasoni* Fernald forma *walpolei* (Farw.) Deam—Jackson County, *Spiranthes cernua* (L.) Richard—Greene County, *Quercus stellata* Wang—Vigo County, *Ranunculus flabellaris* Raf.—Sullivan County, *Menispermum canadense* L.—Sullivan County, *Liriodendron tulipifera* L.—Starke County, *Chorispora tenella* (Willd.) D.C.—Marion County, *Draba verna* L.—Tippecanoe County, *Sedum ternatum* Michx.—Jay County, *Filipendula rubra* (Hill) Robinson—Owen, Vigo Counties, *Potentilla fruticosa* L.—Porter County, *Euphorbia esula* L.—Boone County, *Rhus vernix* L.—Owen County, *Ilex verticillata* (L.) Gray—Clay, Henry, Owen Counties, *Rhamnus cathartica* L.—Newton, Starke Counties, *Rhamnus frangula* L.—Jasper, Jay Counties, *Ascyrum hypericoides* L. var. *multicaule* (Michx.) Fern.—Greene, Owen Counties, *Viola pedata* L.—Jay County, *Opuntia humifusa* Raf.—Marshall, White Counties, *Gaultheria procumbens* L.—Fulton County, *Monotropa hypopithys* L. var. *rubra* (Torr.) Farw.—Starke County, *Lysimachia lanceolata* Walt.—Vermillion County, *Forestiera acuminata* (Michx.) Poir.—Sullivan County, *Gentiana andrewsii* Griesb.—Owen County, *utricularia gibba* L.—Jasper County, *Mitchella repens* L.—Vigo County, *Krigia virginica* (L.)—Vigo County and *Matricaria matricarioides* (Less.) Porter—Sullivan County.

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