

ADDITIONS<sup>1</sup> TO THE VASCULAR FLORA OF JASPER  
COUNTY, INDIANA, I

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The specimens upon which the following enumeration is based are deposited in the herbarium of DePauw University. Included with them are the data concerning the habitats and the dates and places of collection. The nomenclature, unless otherwise indicated, is that of Gray's New Manual of Botany, seventh edition.

With the exception of *Potamogeton heterophyllus*, the species of this genus are named by H. St. John. Approximately all species of Gramineae, Cyperaceae, and Juncaceae are either identified or checked by C. C. Deam.

This list consists of 36 families, 61 genera, and 86 species and varieties. Three of the families and 18 of the genera are not reported in the first enumeration. Due to a few changes in identification, the first report contains 659 species instead of 662. The present total is 745 species and varieties, 371 genera, and 105 families. The asterisk preceding a name indicates that the plant is neither collected nor identified by the author.

**Najadaceae:** *Potamogeton foliosus* Raf., var. *niagarensis* (Tuckerm.) Morong; \**P. heterophyllus* Schreb.; *p. hybridus* Michx.; *P. pulcher* Tuckerm.

**Gramineae:** *Alopecurus geniculatus* L., var. *aristulatus* Torr.; \**Digitaria filiformis* (L.) Koeler; \*\**D. humifusa* Pers.; *Elymus canadensis* L.; *Eragrostis hypnoides* (Lam.) BSP.; *E. pilosa* (L.) Beauv.; *Glyceria septentrionalis* Hitchc.; *Muhlenbergia foliosa* Trin.; *M. mexicana* (L.) Trin.; *M. Schreberi* J. F. Gmel.; \**Panicum Deamii* Hitchc. & Chase, according to Deam, Grasses of Indiana; \**P. dichotomiflorum* Michx., var. *puritanorum* Svenson, according to Rhodora 22:154-155. 1920. (Specimen is in Deam Herbarium); *P. verrucosum* Muhl.; *Sporobolus heterolepis* Gray; *Zizania palustris* L.

**Cyperaceae:** *Cares albolutescens* Schwein.; *C. hystericina* Muhl.; *C. scoparia* Schkuhr; *Cyperus compressus* L.; *C. dentatus* Torr.; *C. dentatus* Torr., var. *ctenostachys* Fernald; *C. hystericinus* Fernald; \**Eleocharis melanocarpa* Torr.; *E. Torreyana* Boeckl.; \**Fimbristylis puberula* (Michx.) Vahl, according to Britton and Brown, An Illustrated Flora of the Northern United States, Canada and the British Possessions; *Rhynchospora glomerata* (L.) Vahl; *Scirpus Smithii* Gray, var. *setosus* Fernald; \**S. Torreyi* Olney.

**Lemnaceae:** *Lemna minor* L.

**Commelinaceae:** *Commelina communis* L.

**Juncaceae:** *Juncus canadensis* J. Gay; *J. pelocarpus* Mey.

**Lilaceae:** *Lilium superbum* L.

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<sup>1</sup>Enumeration of the vascular flora of Jasper County, Indiana, was published in Proc. Ind. Acad. Sci., 36: 1926. (1927).

\*Presented to author by C. C. Deam, Bluffton, Indiana.

\*\*Presented to author by Miss Madge McKee, Goodland, Indiana.

**Orchidaceae:** *Calopogon pulchellus* (Sw.) R. Br.

**Juglandaceae:** *Carya cordiformis* (Wang.) K. Koch.

**Fagaceae:** *Quercus palustris* Muench.

**Urticaceae:** *Humulus Lupulus* L.

**Polygonaceae:** *Rumex verticillatus* L.

**Amaranthaceae:** *Acnida tuberculata* Moq.

**Caryophyllaceae:** *Stellaria graminea* L.

**Nymphaeaceae:** *Brasenia Schreberi* Gmel.

**Ranunculaceae:** *Calltha palustris* L.; *Ranunculus delphinifolius* Torr.

**Cruciferae:** *Brassica arvensis* (L.) Ktze.; *Cardamine parviflora* L.; *Conringia orientalis* (L.) Dumort; *Radicula aquatica* (Eat.) Robinson; *R. Nasturtium-aquaticum* (L.) Britten & Rendle; *R. sessiliflora* (Nutt.) Greene; *Sisymbrium canescens* Nutt., var. *brachycarpon* (Richards.) Wats.; *Thlaspi arvense* L.

**Droseraceae:** *Drosera longifolia* L.

**Rosaceae:** *Pyrus melanocarpa* (Michx.) Willd.; *Rosa carolina* L.

**Linaceae:** \**Linum floridanum* (Planch.) Trel., var. *intercursum* (Rickn.) Weatherby, according to *Rhodora* 18:224. 1916.

**Rutaceae:** *Zanthoxylum americanum* Mill.

**Polygalaceae:** *Polygala cruciata* L.

**Balsaminaceae:** *Impatiens pallida* Nutt.

**Hypericaceae:** *Hypericum canadense* L.; *H. majus* (Gray) Britton; *H. virginicum* L.

**Cistaceae:** *Lechea intermedia* Leggett; *L. minor* L.

**Violaceae:** \**Viola incognita* Brainerd, var. *Forbesii* Brainerd, according to *Torrey Club Bull.* 38:8. 1911.

**Onagraceae:** \**Oenothera rhombipetala* Nutt.

**Haloragidaceae:** \**Myriophyllum scabratum* Michx.; *Proserpinaca palustris* L.

**Ericaceae:** *Monotropa uniflora* L.

**Gentianaceae:** *Gentiana crinata* Froel.

**Convolvulaceae:** *Convolvulus arvensis* L.

**Polemoniaceae:** *Phlox glaberrima* L.

**Labiatae:** *Mentha arvensis* L., var. *canadensis* (L.) Briquet; *M. spicata* L.

**Scrophulariaceae:** *Gratiola sphaerocarpa* Ell.; *Veronica anagallis-aquatica* L.

**Plantaginaceae:** \*\**Plantago virginica* L.

**Compositae:** *Aster linariifolius* L.; *A. sericeus* Vent.; \*\**Bidens vulgata*. Greene; *Helianthus giganteus* L.; *H. occidentalis* Riddell; *Hieracium canadense* Michx.

Corrections to 1925 List

*Eryngium yuccifolium* Michx. was accidentally placed in Compositae instead of Umbelliferae.

According to C. C. Deam, *Bromus hordeaceus* L., var. *leptostachys* (Pers.) Beck. should be *B. secalinus* L.; *Calamagrostis inexpansa* Gray = *C. canadensis* (Michx.) Beauv.; *Glyceria borealis* (Nash) Batchelder = *G. plicata* Fries.; *Panicum miliaceum* L. = *Sorghum vulgare* L., var. *sudanense* (Piper) Hitchc.; *P. cillosum* Nash = *P. Scribnerianum* Nash; *Salsola Kali* L. = *S. Kali* L., var. *tenuifolia* G. F. W. Mey.

