

Additions to the Flora of Pike and Gibson Counties, Indiana

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Over a three year period several field trips were made to Pike and Gibson Counties, Indiana, to inventory potential natural areas of county and statewide significance. The habitats investigated included upland forest, lowland forest, sloughs and seasonally flooded bottomland areas. Since the primary reason for the field work was to look for areas with natural integrity left to them, roadsides and fallow fields were not investigated.

This inventory resulted in the collection of 2 vascular plant species not previously reported for Gibson County by Deam (2) or later updates to the flora (3,6,8,9,10,12,13,14,15). With the 2 species reported here the vascular flora recorded for Gibson County totals 620 species: 18 fern or fern allies, 1 gymnosperm, 167 monocots, and 434 dicots.

This inventory also resulted in the collection of 10 vascular plant species not previously reported for Pike County by Deam (2) or later updates to the flora (4,5,6,7,12). With the ten species reported here, the vascular flora recorded for Pike County totals 303 species: 9 fern or fern allies, 88 monocots, and 206 dicots. Of special interest are *Carex louisianica* and *Ilex decidua*, both considered rare in Indiana by Bacone et al (1). The *Carex* was collected on the shaded shore of a shallow pond and the *Ilex* was collected in lowlands woods along the Patoka River.

The following list records the new record by county, plant name, and author's collection number. The nomenclature follows Fernald (11). All specimens are deposited in the Deam Herbarium of Indiana University.

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Gibson County

Orchidaceae

Aplectrum hyemale (Muhl.) Torr.; #127

Cruciferae

Amoracia aquatica (Eat.) Wieg; #154

Pike County

Polypodiaceae

Cystopteris fragilis (L.) Bernh.; #118

Cyperaceae

Carex granularis Muhl; #161

Carex louisianica Bailey; #171

Liliaceae

Camassia scilloides (Raf.) Cory; #150

Corylaceae

Alnus serrulata (Ait.) Willd.; #138

Cruciferae

Iodanthus pinnatifidus (Michx.) Stewd.; #125

Crassulaceae

Sedum ternatum Michx., #149

Oxalidaceae

Oxalis grandis Small; #121

Aquifoliaceae

Ilex decidua Walt.; #137

Compositae

Eupatorium hyssopifolium L.: #147

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