

Additions to the Flora of Spencer County, Indiana

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A floristic study was made of the vascular plant populations of an industrial site located two miles northeast of Rockport in extreme southern Spencer County, Indiana. This study resulted in the collected of 92 species of vascular plants not previously reported by Deam (1940). Records published subsequent to the "Flora of Indiana" include an additional 93 species. (Deam et al 1941, Ellis 1961, Mergen 1972, Kays and Humbles 1974). Including the species reported here, the vascular flora recorded for the county totals 667 species, including 16 ferns or fern allies, 1 gymnosperm, 472 dicots, and 180 monocots.

Of the 92 species of vascular plants, all but two species were previously reported for Indiana. These plants, *Anoda cristata* (L.) Schlect and *Gerardia fasciculata* Ell., are new to Indiana. A significant distribution record is reported for *Orobancha ludoviciana* Nutt. This plant was previously known from Gibson, Knox, and Jefferson Counties.

In the following list of plants each species is followed by a brief note on its habitat, the collector's name and the collection number. The nomenclature follows Fernald (1950). Voucher specimens of all species were deposited in the Stover Herbarium of Eastern Illinois University and the Herbarium of WAPORA, Inc., 6900 Wisconsin Avenue, Washington, D.C.

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Annotated List of Species

GYMNOSPERMAE

Cupressaceae

Juniperus virginiana L. Fallow field. W. McClain 926.

DICOTYLEDONEAE

Apocynaceae

Apocynum cannabinum L. Fallow field. W. McClain 1260.

Asclepiadaceae

Asclepias hirtella (Pennell) Woodson, Fallow field. W. McClain 1504.

Chenopodiaceae

Chenopodium album L. Fallow field. W. McClain 1674.

Compositae

Artemisia annua L. Cultivated field. W. McClain 997.

Aster pilosus Willd. Fallow field. W. McClain 1665.

Aster vimineus Lam. Fallow field. W. McClain 1479.

Bidens frondosa L. Cultivated field. W. McClain 1671.

Boltonia asteroides (L.) L'Her. Fallow field. W. McClain 1498.

Chrysanthemum leucanthemum L. Fallow field. W. McClain 1273.

- Cirsium vulgare* (Savi) Tenore, Fallow field. W. McClain 935.
Conyza canadensis L. Fallow field. W. McClain 1012.
Helianthus hirsutus Raf. Floodplain. W. McClain 1672.
Solidago hirtella Fallow field. W. McClain 1502.
Veronica missurica Raf. Fallow field. W. McClain 1497.
Xanthium strumarium L. Floodplain. W. McClain 1057.

Convolvulaceae

- Pomea pandurata* (L.) G.F.W. Mey. Fallow field. W. McClain 1426.

Cornaceae

- Cornus racemosa* Lam. Roadside W. McClain 1336.

Umbelliferae

- Cicuta maculata* L. Immature forest. W. McClain 1289.

Leguminosae

- Amorpha fruticosa* L. Roadside. W. McClain 1062.
Amphicarpa bracteata (L.) Fern. Floodplain. W. McClain 942.
Desmondium glabellum (Michx.) DC. Immature forest. W. McClain 1527.
Lespedeza cuneata (Dum-Cours) G. Don. Roadside. W. McClain 1476.
Lespedeza stipulacea Maxim. Fallow field. W. McClain 1507.
Robinia pseudoacacia L. Roadside. W. McClain 1308.
Strophostyles helvola (L.) Britt. Floodplain. W. McClain 1528.

Lemnaceae

- Lemna minor* L. Pond. W. McClain 1068.

Loranthaceae

- Phoradendrom flavescens* (Parsh) Nutt. Parasitic on blackgum. W. McClain 1067.

Lythraceae

- Rotala ramosior* (L.) Koehne. Floodplain. W. McClain 1250.

Malvaceae

- Anoda cristata* (L.) Schlect. Cultivated field. W. McClain 1670.
Hibiscus moscheutos L. Roadside ditch. W. McClain 1326.

Moraceae

- Maclura pomifera* (Raf.) Schneid. Roadside. W. McClain 1551.
Morus tatarica L. Roadside W. McClain 1326.

Onagraceae

- Jussiaea repens* L. Floodplain. W. McClain 1005.
Oenothera biennis L. Floodplain. W. McClain 1524.

Orobanchaceae

- Orobanche ludoviciana* Nutt. Parasitic on *Ambrosia trifida*. W. McClain 1534

Oxalidaceae

- Oxalis dillenii* Jacq. Fallow field. W. McClain 1212.
Oxalis stricta L. Immature woods. W. McClain 862.

Passifloraceae

- Passiflora lutea* L. Immature woods. W. McClain 1552.

Polygonaceae

- Polygonum aviculare* L. Roadside. W. McClain 1344.
Polygonum coccineum Muhl. Roadside. W. McClain 1478.
Polygonum cuspidatum Sieb & Zucc. Roadside. W. McClain 490.
Polygonum hydropiper L. Fallow field. W. McClain 1659.
Polygonum hydropiperoides Michx. Immature forest. W. McClain 1044.
Polygonum laphthifolium L. Floodplain. W. McClain 1546.
Polygonum persicaria L. Roadside. W. McClain 1325.

Rosaceae

- Amaanchier arborea* (Michx.) Fern. Immature forest. W. McClain 1342.
Rosa multiflora Thunb. Fallow field. W. McClain 928.

Scrophulariaceae

- Gerardia fasciculata* Ell. Edge of pond. W. McClain 1513.
Griatiola virginiana L. Edge of pond. W. McClain 1341.

Solanaceae

- Datura stramonium* L. Cultivated field. W. McClain 1058.
Urtica dioica L. Floodplain. W. McClain 1238.

Verbenaceae

- Verbena urticifolia* L. Roadside. W. McClain 1303.

Violaceae

- Viola lanceolata* L. Fallow field. W. McClain 1264.

Vitaceae

- Vitis aestivalis* Michx. Floodplain. W. McClain 1327.

MONOCOTYLEDONEAE

Alismaceae

- Sagittaria latifolia* Willd. Edge of pond. W. McClain 1243.

Cyperaceae

- Carex alata* T. & G. Edge of pond. W. McClain 1232.
Carex cephalophora Muhl. Fallow field. W. McClain 1262.
Carex cristatella Britt. Immature forest. W. McClain 1298.
Cyperus densicaespitosus (Matt.F.) Kukenth. Roadside ditch. W. McClain 1278.
Cyperus erythrorhizos Mohl. Fallow field. W. McClain 1490.
Cyperus ferruginescens Boeck. Roadside. W. McClain 1530.
Cyperus filiculmis Vahl. Fallow field. W. McClain 1493.
Cyperus strigosus L. Roadside. W. McClain 1311.

Graminae

- Agrostis alba* L. Fallow field. W. McClain 1275.
Cynodon dactylon (L.) Pers. Fallow field. W. McClain 1065.
Phragmites communis Trin. Roadside. W. McClain 1475.
Setaria faberii Herm. Fallow field. W. McClain 1484.
Setaria glauca (L.) Beauv. Fallow field. H. Parker 667.
Leptochloa filiformis (Lam.) Beauv. floodplain. W. McClain 1020.
Panicum sphaerocarpon Ell. Fallow field. W. McClain 1401.

Iridaceae

- Iris brevicaulis* Raf. Ditch. W. McClain 1318.

Juncaceae

- Juncus biflorus* Ell. Edge of pond. W. McClain 1267.
Juncus effusus L. Edge of pond. W. McClain 1231.
Juncus tenuis Willd. Edge of pond. W. McClain 1437.

Lilliaceae

- Allium vineale* L. Roadside. W. McClain 1272.
Hemerocallis fulva L. Roadside. W. McClain 1307.

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