

SOME SOUTHERN ILLINOIS PLANT RECORDS

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The vascular plants reported in this paper constitute additional knowledge to the flora of southern Illinois. These records include plants previously reported without data (Bailey, 1949), plants not previously reported from southern Illinois, and plants of rare occurrence in Illinois. Inclusion of plants is based on data as given by Jones (1950). For the sake of brevity, data available in Jones (1950) is not repeated here. Unless otherwise stated all plants were collected by the authors and all are on deposit at Southern Illinois University.

Lycopodium lucidulum Michx.—Sandstone ledges and boulders, Little Grand Canyon, Jackson Co., Aug. 24, 1949, 817. This colony was first reported to the authors by Raymond Hatcher of Murphysboro, Illinois. Jackson Hollow, Pope Co., May 13, 1950, 1016, and Aug. 17, 1950, 1140; Belle Smith Spring, Pope Co., May 27, 1950, 1042.

Trichomanes boschianum Sturm.—Sandstone bluff above spring, Jackson Hollow, Pope Co., Aug. 17, 1950, 1136. This fern has not been taken in Illinois since the original collection by Dr. Mary Steagel in 1923. Our collection undoubtedly is from the same location.

Typha angustifolia L.—Crab Orchard Lake, Williamson Co., July 25, 1950, 1096.

Bouteloua curtipendula (Michx.) Torr.—Talus, base of Pine Hills, Union Co., Sept. 20, 1949, 892.

Tridens strictus (Nutt.) Nash.—Abandoned field near Crab Orchard Lake, Williamson Co., Sept. 6, 1949, 841. Only recently reported from Illinois (Hitchcock, 1951).

Cyperus pseudovegetus Steud.—Low moist ground near Elkville, Jackson Co., July 6, 1949, 743.

Eleocharis quadrangulata (Michx.) R. & S.—Crab Orchard Lake, Williamson Co., Oct. 13, 1949, 914.

Scirpus validus Vahl.—Wolf Lake Swamp, Union Co., July 10, 1950, 1076; lake near Belle Smith Spring, Pope Co., July 17, 1950, 1085; ditch near Sparta, Randolph Co., July 2, 1950, 1248; Crab Orchard Lake, Williamson Co., July 26, 1950, 1270.

Rhynchospora corniculata (Lam.) A. Gray.—Low moist ground near Fountain Bluff, Jackson Co., Sept. 20, 1949, 888; near Shawneetown Lakes, Gallatin Co., Aug. 3, 1950, 1112; east of Brookport, Massac Co., July 28, 1950, 1280.

Carex bebbii Olney.—Borrow pit, highway 51 near Big Muddy River, Jackson Co., July 12, 1949, 752.

Carex careyana Torr.—Closed woods, Jackson Hollow, Pope Co., May 3, 1950, 1003.

Carex caroliniana Schwein.—Low wooded floodplain near junction of highways 3 and 144, Jackson Co., May 17, 1950, 1025.

Carex crinita Lam.—Thompson Lake, Jackson Co., July 24, 1949, 779; Jackson Hollow, Pope Co., May 13, 1950, 1015.

Carex projecta Mack.—Thompson Lake, Jackson Co., June 3, 1948, 458.

Carex rostrata Stokes.—Roadside ditch near Sparta, Randolph Co., May 15, 1950, 1008; Wolf Lake Swamp, Union Co., May 9, 1950, 1013.

Lemna trisulca L.—Wolf Lake Swamp, Union Co., Nov. 4, 1950, 1164.

Lemna valdiviana Phil.—Wolf Lake Swamp, Union Co., Nov. 4, 1950, 1166.

Uvularia sessilifolia L.—Floodplain of Big Muddy River, Williamson Co., April 25, 1950, 953; Pakentuk Boy Scout Camp, Johnson Co., May 3, 1950, 983.

Iris cristata Ait.—Closed woods, Rock Creek Valley, Hardin Co., April 19, 1949, 664. Abundant in this isolated valley.

Calopogon puchellus (Salisb.) R. Br.—Prairie remnant near Elkville, Jackson Co., May 18, 1948, 399.

Corallorhiza odontorhiza (Willd.) Nutt.—Carbon Lake, Jackson Co., Oct. 17, 1949, 929. Collected by Raymond Hatcher.

Corallorhiza wisteriana Conrad.—Giant City State Park, Union Co., May 17, 1949, 693; Jackson Hollow, Pope Co., May 3, 1950, 1001; Rock Creek Valley, Hardin Co., May 11, 1950, 1018.

Goodyera pubescens (Willd.) R. Br.—Closed woods, Belle Smith Spring, Pope Co., Aug. 15, 1950, 1133; Jackson Hollow, Pope Co., Aug. 17, 1950, 1134. Fairly abundant in the latter location.

Hexalectris spicata (Walt.) Barnh.—Oak-hickory woods, Jackson Hollow, Pope Co., Sept. 17, 1950, 1168. Collected by Raymond Hatcher and Kenneth Stewart.

Spiranthes grayi Ames.—Oak-hickory hillsides, Hickory Ridge, Jackson Co., Aug. 24, 1949, 812; near Sparta, Randolph Co., Aug. 28, 1949, 828.

Quercus montana Willd.—Hillside, Atwood Ridge, Union Co., Oct. 9, 1948, 639; near Tamms, Alexander Co., Oct. 28, 1949, 926.

Urtica chamaedryoides Pursh.—Bank of Mississippi River, Grand Tower, Jackson Co., Aug. 24, 1949, 584.

Ranunculus pusillus Poir.—Small pond near Carbondale, Jackson Co., May 23, 1947, 57.

Ranunculus sardous Crantz.—Moist ground near Howardton, Jackson Co., Oct. 2, 1948, 635.

Cabomba caroliniana A. Gray.—Wolf Lake Swamp, Union Co., July 10, 1950, 1074.

Decodon verticillatus (L.) Ell.—Wolf Lake Swamp, Union Co., Aug. 27, 1948, 596.

Dodecatheon frenchii (Vasey) Rydb.—Midland Hills, Jackson Co., May 10, 1948, 391; Jackson Hollow, Pope Co., May 3, 1950, 990; Giant City State Park, Jack-

son Co., May 23, 1950, 1029; Belle Smith Spring, Pope Co., May 27, 1950, 1043 and 1044. Abundant on shaded sandstone ledges and along base of bluffs.

Oenothera tetragona Roth.—Low ground, open woods, Karnak, Pulaski Co., July 28, 1950, 1103.

Proserpinaca palustris L.—Wolf Lake Swamp, Union Co., Nov. 4, 1950, 1167.

Campanula intercedens Witasek.—Sandstone ledges and boulders, Fountain Bluff, Jackson Co., June 22, 1948, 477.

Helianthus maximiliani Schrad.—Roadside, Crab Orchard Lake, Jackson Co., Sept. 19, 1947, 191.

Eupatorium fistulosum Barratt.—Low ground, Olive Branch, Alexander Co., Sept. 7, 1950, 1162.

Solidago rigida L.—Prairie remnant near Elkhville, Jackson Co., Sept. 22, 1948, 626.

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