

ADDITIONS TO THE FLORA OF SANGAMON COUNTY, ILLINOIS

GEORGE D. FULLER

Illinois State Museum, Springfield, and University of Chicago

In 1943 a check list of the vascular plants of Sangamon County was published (1) in which some 870 species were named. Now it seems desirable to make certain corrections and additions to the list, especially since there appeared in 1945 a Flora of Illinois by G. Neville Jones (2). During the past five years at least 40 additional species have been collected in the county. Mrs. Lola Carter has been particularly active in this field and has added a dozen species to the Springfield area. Notable among these are the rare fern, *Woodsia obtusa*, the little rattle-box *Crotalaria sagittalis* and two rare thistles, the Hill's thistle, *Cirsium hillii* and the tall wood thistle, *Cirsium altissimum*. Members of the Nature League of Springfield have contributed several species, some of which are rather rare.

Norman Reeder, an amateur botanist and a specialist in the grass family, has revised and corrected the list of grasses and has added 20 species, some of them rare in Illinois. A similar revision of the sedge family would be desirable and it would add many species to the flora of the county.

A further study of several species has made it necessary to drop a few species and to rectify a few erroneous determinations. The present results seem to show that there are 912 known species of vascular plants growing in Sangamon County and indicate that the total flora of the

county will not fall much short of a thousand species.

Polypodiaceae

Pteridium latisculum (Desv.) Hieron.
Woodsia obtusa (Spreng.) Torr.

Typhaceae

Typha angustifolia L.

Alismaceae

Sagittaria brevirostra Mack. & Bush

Gramineae

Festuca elatior L.
Festuca obtusa Spreng.
Poa chapmaniana Scribn.
Poa nemoralis L.
Poa palustris L.
Poa sylvestris Gray
Agropyron smithii Rydb.
Sphenopholis obtusata (Michx.)
Scribn.
Danthonia spicata (L.) Beauv.
Agrostis hyemalis (Walt.) BSP.
Alopecurus carolinianus Walt.
Muhlenbergia schreberi Gmel.
Muhlenbergia sobolifera (Muhl.) Trin.
Sporobolus asper (Michx.) Kunth.
Sporobolus cryptandrus (Torr.) Gray
Sporobolus neglectus Nash.
Paspalum pubescens Muhl.
Panicum lanuginosum Ell.
Panicum tennesseense Ashe
Setaria verticillata (L.) Beauv.
Cenchrus pauciflorus Benth.
Andropogon virginicus L.
Sorghum halepense (L.) Pers.

Cyperaceae

Cyperus houghtonii Torr.

Araceae

Acorus calamus L.

Juncaceae

Juncus torreyi Cov.

Betulaceae

Corylus americana Walt.

Amaranthaceae

Froelichia campestris Small

Polygonaceae

Rumex obtusifolius L.

Elatinaceae

Elatina brachysperma Gray

Ranunculaceae

Ranunculus sceleratus L.
Ranunculus flabellaris Raf.

Cruciferae

Alliaria officinalis Andrez.

Rosaceae

Instead of

Geum macrophyllum read

Geum laciniatum Murr.

Leguminosae

Crotolaria sagittalis L.

Umbelliferae

Erigenia bulbosa (Michx.) Nutt.

Primulaceae

Aster tataricus L.

Asclepiadaceae

Asclepias tuberosa L.

Convolvulaceae

Cuscuta cephalanthi Engelm.

Labiatae

Lamium purpureum L.

Scutellaria ambigua Nutt.

Compositae

Aster tataricus L.

Antennaria neglecta Greene

Carduus nutans L.

Cirsium altissimum (L.) Spreng.

Cirsium hillii (Canby) Fern.

Helianthus tuberosus L.

The following species have been reported as occurring in Sangamon County but careful search has failed to find them.

Sanicula trifoliata Bickn.

Hydrophyllum macrophyllum Nutt.

Lobelia kalmii L.

Anaphalis margaritacea Gray

Iva xanthifolia Nutt.

REFERENCES

1. FULLER, GEORGE D., A check list of the vascular plants of Sangamon County, Illinois: Trans. Ill. Acad. Sci., vol. 36: pp. 91-99, 1943.
2. JONES, G. NEVILLE, Flora of Illinois: Amer. Midland Nat. Monog. No. 2: 1-317, 1945.