

# The Flora of Spencer County, Indiana. I.

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## Abstract

One hundred nineteen herbaceous angiosperms and ferns were collected during 1971 in Spencer County, Section 12, Township 4 South, Range 4 West, St. Meinrad Quadrangle. No grasses or sedges were included in the study. The 119 specimens represent 41 families, 93 genera, and 119 species. A total of 34 new Spencer County records were verified by the Curator of the Indiana University Herbarium.

A collection of herbaceous angiosperms and ferns was made on a weekly basis between January 1, 1971, and December 31, 1971, in Sec. 12 T4S, R4W, located in Spencer County, Indiana. In addition,

TABLE 1. *Additional species recorded for Spencer County.*<sup>1</sup>

BORAGINACEAE	LABIATAE
<i>Lithospermum arvense</i> L.	<i>Glechoma hederaceae</i> L.
CARYOPHYLLACEAE	<i>Synandra hispidula</i> (Michx.) Britt.
<i>Stellaria pubera</i> Michx.	LILIACEAE
<i>Cerastium vulgatum</i> L.	<i>Muscari botryoides</i> (L.) Mill.
<i>Dianthus Armeria</i> L.	<i>Polygonatum biflorum</i> (Walt.) Ell.
COMPOSITAE	LYCOPODIACEAE
<i>Antennaria neglecta</i> Greene.	<i>Lycopodium complanatum</i> L.
<i>Aster pilosus</i> Willd.	var. <i>flabelliforme</i> Fern.
<i>Pyrrhoppappus carolinianus</i> (Walt.) DC.	ORCHIDACEAE
<i>Coreopsis lanceolata</i> L.	<i>Aplectrum hyemale</i> (Muhl.) Torr.
<i>Krigia biflora</i> (Walt.) Blake.	OROBANCHACEAE
<i>Solidago juncea</i> Ait.	<i>Conopholis americana</i> (L.) Wallr.
<i>Taraxacum officinale</i> Weber.	RANUNCULACEAE
<i>Matricaria Chamomilla</i> L.	<i>Actaea alba</i> (L.) Mill.
CONVOLULACEAE	ROSACEAE
<i>Convolvulus sepium</i> L.	<i>Fragaria virginiana</i> Duchesne.
CRUCIFERAE	UMBELLIFERAE
<i>Brassica campestris</i> L.	<i>Erigenia bulbosa</i> (Michx.) Nutt.
<i>Thlaspi arvense</i> L.	VALERIANACEAE
<i>Capsella Bursa-pastoris</i> (L.) Medic.	<i>Valerianella olitoria</i> (L.) Poll.
<i>Draba verna</i> L.	VIOLACEAE
<i>Cardamine pensylvanica</i> Muhl.	<i>Viola sororia</i> Willd.
<i>Arabidopsis Thaliana</i> (L.) Heyn.	<i>Viola missouriensis</i> Greene.
FABACEAE	
<i>Vicia villosa</i> Roth.	
HYDROPHYLLACEAE	
<i>Hydrophyllum macrophyllum</i> Nutt.	

<sup>1</sup> Nomenclature according to Gleason and Cronquist (9).

*Lycopodium complanatum* L. var. *flabelliforme*, which was collected in Sec. 1, T4S, R4W, is included in this report because of its rarity. No grasses or sedges were collected. The 119 specimens represent 41 families, 93 genera, and 119 species.

Sec. 12, T4S, R4W, is representative of Spencer County as a whole and is located at the western margin of the Crawford Upland with an elevational range of 440 to 580 feet above sea level. The Anderson river bisects the section, and provides a small floodplain habitat. Approximately half the section is comprised of farmland and the remaining half of secondary stands of oak-hickory and beech-maple along the hill-sides. Highway U.S. 460, Ind. 62 and a number of county roads are also located within the section. It was along the roadsides and the edges of the farmland that the vast majority of the plants within the composite family were found.

Deam's *Flora of Indiana* (1) lists a total of 576 ferns, fern allies, and flowering plants identified in Spencer County. Subsequent "Indiana Plant Distribution Records" published in the *Proceedings of the Indiana Academy of Science* (2 thru 8) have recorded another 50 species for Spencer County. With the addition of the 34 new Spencer County records (Table 1) as of December 31, 1971, a total of 660 species have been identified in Spencer County.

All specimens were deposited in the Henrietta Herbarium at St. Meinrad College. A voucher specimen of each new Spencer County record was also deposited in the Deam Herbarium at Indiana University, Bloomington, Indiana.

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