

ADDITION TO THE VASCULAR FLORA OF ROCK ISLAND COUNTY, ILLINOIS

Thomas W. Root
Department of Biological Sciences
Black Hawk College
Moline, IL 61265

ABSTRACT

Eighteen species of vascular plants have been collected and reported as county records for Rock Island County, Illinois. Description, location, habitat, date collected and collector have been noted for each specimen. The specimens have been deposited in the herbarium at Western Illinois University.

MATERIALS AND METHODS

Plant specimens were collected in the field and later identified with the aid of references (Mohlenbrock 1975, Jones 1963, Fernald 1950, and Gleason 1952). It was tentatively determined whether or not a species was a county record by referring to Mohlenbrock 1978 and tentative records were confirmed by correspondence with Dr. Robert Mohlenbrock in the fall of 1983.

Each specimen was given a collection number and was recorded by date, scientific name (nomenclature according to Mohlenbrock 1975), family name, and common name in the personal collection record book of the author. The specimens were pressed and the following information was recorded for each: scientific, family, and common names; brief description of the plant; habitat; date collected; legal location to within 40 acres from U.S. Geological Survey quadrangle maps for Rock Island County obtained from Dr. Richard Anderson, Department of Geology, Augustana College; descriptive location and collector. It was also noted if the plant was brought to the author's attention by someone else or if aid was obtained in identification.

The pressed specimens were deposited in the herbarium at Western Illinois University with Dr. Robert Henry. One copy of the collection information for each specimen was included with the specimen and the original was retained by the author.

RESULTS

FAMILY SPECIES	DATE COLLECTED	1/4 of 1/4	SECTION,	LOCATION TOWNSHIP,	RANGE
ANARCARDIACEAE					
<i>RHUS AROMATATICA</i> AIT.	6-24-83	NW SE	14	17N	2W
ARACEAE					
<i>ACORUS CALAMUS</i> L.	7-18-83	SE SW	14	17N	1W
CARYOPHYLLACEAE					
<i>SAPONARIA OFFICINALIS</i> L.	7-18-83	NW NE	21	17N	1W
COMPOSITAE					
<i>CHRYSANTHEMUM LEUCANTHEMUM</i> L.	6-14-83	SE SW	22	17N	1W
DIPSACACEAE					
<i>DIPSACUS LACINIATUS</i> L.	7-18-83	NE SE	11	17N	1W
FAGACEAE					
<i>QUERCUS MUHLENBERGII</i> ENGLEM.	6-24-83	NW SE	14	17N	2W
LABIATAE					
<i>TEUCRIUM CANADENSE</i> L.					
Var. OCCIDENTALE (GRAY)					
McCLINTOCK & EPLING.	7-8-83	NE SW	12	17N	1W
LEGUMINOSAE					
<i>GYMNOCLADUS DIOICA</i> (L.) K. KOCH	6-13-83	NW NE	14	17N	2W
<i>VICIA VILLOSA</i> ROTH	6-20-83	NW SE	15	17N	1W
LYTHRACEAE					
<i>LYTHRUM SALICARIA</i> L.	7-18-83	NE/SE SE	14	17N	1W
MALVACEAE					
<i>NAPAEA DIOICA</i> L.	7-18-83	SW NE	22	17N	1W

POACEAE							
<i>PHALARIS ARUNDINACEAE</i> L.							
	6-20-83	NW	SE	15	17N	1W	
	and 7-10-83						
ROSACEAE							
<i>POTENTILLA RECTA</i> L.	6-14-83	SE	SW	22	17N	1W	
<i>ROSA MULTIFLORA</i> THUNB.	6-14-83	NE	SE	23	17N	1W	
SCROPHULARIACEAE							
<i>PENSTEMON DIGITALIS</i> NUTT.	6-26-83	SE	NE	20	18N	1F	
<i>SEYMERIA MACROPHYLLA</i> NUTT.	7-23-83	NW	SE	14	17N	2W	
SIMAROUBACEAE							
<i>AILANTHUS ALTISSIMA</i> (MILL.) SWINGL.F.	7-23-83	NW	SE	14	17N	2W	
UMBELLIFERA							
<i>ZIZIA AUREA</i> (L.) KOCH	6-12-83	SW	NW	3	17N	1W	

LITERATURE CITED

- Fernald, Merritt Lyndon. 1950. *Cray's Manual of Botany*, 8th ed. American Book Company, New York. 1632 pp.
- Gleason, Henry A. 1952. *The New Britton and Brown Illustrated Flora of the Northeastern United States and Adjacent Canada*. Hafner Publishing Company, Inc., New York. 3 vol.
- Jones, G.N. 1963. *Flora of Illinois*. 3rd ed. Amer. Midl. Nat. Monograph No. 7, University of Notre Dame Press, Notre Dame, Ind. 401 pp.
- Mohlenbrock, Robert H. 1975. *Guide to the Vascular Flora of Illinois*. Southern Illinois Univ. Press, Carbondale. 494 pp.
- Mohlenbrock, Robert H. and Douglas M. Ladd. 1978. *Distribution of Illinois Vascular Plants*. Southern Illinois University Press, Carbondale, 282 pp.