

NEW COUNTY RECORDS FOR THE FLORA OF ILLINOIS

William J. Hess¹, Nina J. Podasky¹, and Nick A. Stoyhoff^{1, 2}

¹The Morton Arboretum
Lisle, Illinois 60532

²Glenbard East High School
Lombard, Illinois 60148

ABSTRACT

Eighty-two county records to the vascular plant flora of Illinois are reported.

INTRODUCTION

In 1984, The Morton Arboretum received on permanent loan from Wildlife Prairie Park in Peoria, Illinois a collection of seeds and fruits, herbarium specimens, Kodachrome transparencies, fungi and spore prints, and pollen slides. The collection was made by Dr. and Mrs. R.H. Runde and had been a gift to Wildlife Prairie Park in 1979. It consisted of taxa predominantly from a 23 county region in northwestern Illinois and includes:

1310 vials of properly identified and stored seeds and fruits

1400 dried fungi and spore prints

1295 herbarium specimens representing 644 species

9200 high quality Kodachrome transparencies of inflorescences, fungi, seeds, fruits, buds, and insects

371 pollen slides

The collection is in use at The Morton Arboretum for display and research purposes.

Verification and accessioning of the Runde herbarium led to the discovery of a number of taxa not recorded by Mohlenbrock and Ladd (1978) for Illinois. We have also compared our list with those of Henry and Scott (1979, 1980, 1983a, 1983b), Henry et al. (1978), Mohlenbrock (1983, 1985), and Shildneck et al. (1981) in order to avoid repetition of previously reported records. In total, 68 new county records (see list below) were gleaned from the Runde collection and an additional 14 records were discovered in the existing holdings of the herbarium at The Morton Arboretum (MOR).

Nomenclature follows Mohlenbrock and Ladd (1978). Following each plant name is the county from which it is being reported, the collector, and collection number(s) or date if there is no collection number. Dr. Virginius H. Chase, former curator of the Peoria Academy of Science, was the mentor and good friend of Dr. Runde and the major contributor to the Runde herbarium collection.

ACKNOWLEDGMENTS

We would like to thank all the volunteers for their work in preparing the Runde collection for The Morton Arboretum and a special thanks to June Levy for her help with the preliminary distribution data.

LIST OF RECORDS

PTERIDOPHYTA

Salviniaceae

Azolla mexicana Presl
TAZEWELL (Chase 18263)

Polypodiaceae

Polypodium virginianum L.
COOK (Evert 1662, 3624)

Thelypteris palustris Schott
var. *pubescens* (Laws.) Fern.
ROCK ISLAND (Chase 17403)

MAGNOLIOPHYTA

LILIOPSIDA

Alismataceae

Sagittaria rigida Pursh
KANE (Young, 22JUN80)
LEE (Chase 16646)

Cyperaceae

Carex comosa Boott
BUREAU (Chase 16667)
C. haydenii Dewey
MASON (Runde & Chase 17896)
C. lupulina Willd.
WHITESIDE (Chase 16702)
C. lurida Wahl.
BUREAU (Chase 16667^{1/2})
C. muskingumensis Schwin.
WOODFORD (Chase 18428)
C. tetanica Schk.
MASON (Chase 16573)
Cyperus aristatus Rottb.
LEE (Chase 16201)
C. filiculmis Vahl
PEORIA (Chase 16801)
C. houghtonii Torr.
WHITESIDE (Chase 16759)

Gramineae

Eragrostis frankii C.A. Meyer
TAZEWELL (Chase 17096)
Melica mutica Walt.
TAZEWELL (Chase 16017)
Muhlenbergia racemosa (Michx.) BSP
TAZEWELL (Chase 16807)
Poa annua L.
PEORIA (Chase 16454)
Sporobolus clandestinus (Biehl.)
Hitche.
HENDERSON (Chase 17605)

Iridaceae

Belamcanda chinensis (L.) DC.
ROCK ISLAND (Chase 16153)

Lemnaceae

Lemna trisulca L.
FULTON (Chase 17417)

Zosteraceae

Potamogeton zosteriformis Fern.
PEORIA (Runde 8JUN71)

MAGNOLIOPSIDA

- Amaranthaceae
Amaranthus ambiguus Standl.
 DEKALB (*Greeley* 313)
 DUPAGE (*Teuscher* 19AUG25)
 KENDALL (*Swink* 18SEP65)
 TAZEWELL (*Chase* 17098)
A. cruentus L.
 PEORIA (*Chase* 16362)
A. spinosus L.
 TAZEWELL (*Chase* 16334)
- Aristolochiaceae
Aristolochia serpentaria L.
 KENDALL (*Young* 7AUG81)
- Asclepiadaceae
Asclepias quadrifolia Jacq.
 WOODFORD (*Chase* 16697)
- Betulaceae
Betula nigra L.
 WHITESIDE (*Chase* 16697)
- Boraginaceae
Myosotis stricta Link.
 ROCK ISLAND (*Chase* 16921)
- Caryophyllaceae
Cerastium brachypodum (Engelm.)
 Robins.
 ROCK ISLAND (*Chase* 16898)
C. viscosum L.
 COOK (*Swink* 19MAY84)
 MACOUPIN (*Wilhelm & Rastorfer* 7039)
- Chenopodiaceae
Corispermum hyssopifolium L.
 CARROLL (*Runde & Chase* 16349)
- Compositae
Liatris cylindrica Michx.
 LEE (*Chase* 16779)
Senecio glabellus Poir.
 FULTON (*Runde & Chase* 17295)
Solidago graminifolia (L.) Salisb.
 var. *gymnospermoides* (Greene)
 Croat
 MASON (*Chase* 17140)
S. rigida L.
 ROCK ISLAND (*Chase* 17121)
- Sonchus arvensis* L. var. *glabrescens*
 Geunth., Gram., & Wimmer
 PEORIA (*Chase* 16213)
Tragopogon dubius Scop.
 TAZEWELL (*Chase* 17241)
- Convolvulaceae
Ipomoea lacunosa L.
 PUTNAM (*Chase* 16664)
- Cruciferae
Alyssum alyssoides L.
 ROCK ISLAND (*Runde* 15MAY71)
Brassica nigra (L.) K. Koch
 OGLE (*Chase* 18433)
Cardamine draba (L.) Desv.
 PEORIA (*Chase* 16522)
C. pensylvanica Muhl.
 FULTON (*Chase* 17337)
 WHITESIDE (*Chase* 17775)
Descurainia sophia (L.) Webb.
 PEORIA (*Chase* 16578)
Draba verna L.
 MACOUPIN (*Chase* 16393^{1/2})
Rorippa sylvestris (L.) Bess.
 PUTNAM (*Chase* 16662)
- Labiatae
Lamium amplexicaule L.
 MACOUPIN (*Runde & Chase* 16395)
- Leguminosae
Hosackia americana (Nutt.) Piper
 DUPAGE (*Lampu* 25JUL72)
Lathyrus tuberosus L.
 HENDERSON (*Runde & Chase* 17858, 17975)
 KANE (*Young* 9JUN73)
Trifolium arvense L.
 MASON (*Runde* 22JUL72)
Wisteria macrostachya Nutt.
 FULTON (*Chase* 16020)
- Polemoniaceae
Phlox pilosa L.
 BUREAU (*Chase* 16559)

Primulaceae

- Lysimachia lanceolata* Walt.
var. *lanceolata*
GALLATIN (Armstrong & Hinton
5NOV79)
L. lanceolata var. *hybrida*
(Michx.) Gray
DUPAGE (Hoff 2AUG84)
WILL (Sorensen & Piatek 7394)

Pyrolaceae

- Monotropa hypopithys* L.
PEORIA (Runde 31JUL67)

Rosaceae

- Crataegus crus-galli* L.
ROCK ISLAND (Chase 16548)
C. monogyna Jacq.
DUPAGE (Lampa 16JUL80)
PEORIA (Chase 18131, 16811)
Prunus americana Marsh.
TAZEWELL (Chase 15933)
P. mahaleb L.
TAZEWELL (Chase 16908)
Spiraea tomentosa L.
PEORIA (Chase 18425)

Rubiaceae

- Houstonia minima* Beck
ROCK ISLAND (Chase 16899)

Rutaceae

- Ptelea trifoliata* L. var. *mollis*
T. & G.
TAZEWELL (Chase 16006)
MASON (Chase 16628)

Salicaceae

- Populus tremuloides* Michx.
WOODFORD (Chase 17789)

Scrophulariaceae

- Linaria dalmatica* (L.) Mill.
TAZEWELL (Chase 15996)
Lindernia anagallidea (Michx.)
Pennell
LEE (Chase 16200)
Penstemon hirsutus (L.) Willd.
TAZEWELL (Chase 15981,
16488)
Veronica serpyllifolia L.
MASON (Runde & Chase 16505)
PEORIA (Runde 6JUL73)

Umbelliferae

- Conium maculatum* L.
MERCER (Chase 16541)
Oxypolis rigidior (L.) Raf.
ROCK ISLAND (Chase 16764)
Polytaenia nuttallii DC.
PUTNAM (Chase 16660)
Sanicula canadensis L.
BUREAU (Chase 16642)
Thaspium barbinode (Michx.) Nutt.
BUREAU (Chase 16194)

LITERATURE CITED

- Henry, R.D. & A.R. Scott. 1979. Additions to the vascular flora of west-central Illinois. Trans. Illinois State Acad. Sci. 72:52-55.
_____. & _____. 1980. New Illinois angiosperm distribution records. Phytologia 50:393-400.
_____. & _____. 1983a. New state records and other noteworthy collections for the Illinois vascular flora. Phytologia 52:331-335.
_____. & _____. 1983b. A new Illinois vascular plant and other distributional records from west-central Illinois. Phytologia 53:141-145.
_____. & P. Shildneck. 1978. Additions to the distribution of Illinois vascular plants. Trans. Illinois State Acad. Sci. 71:51-61.
Mohlenbrock, R.H. 1983. Additions to the Illustrated Flora of Illinois II. Ferns. *Erigenia* 3:23-47.
_____. 1985. Illinois flora update: New distribution data for Illinois vascular plants II. *Erigenia* 5:53-64.
_____. & D.M. Ladd. 1978. Distribution of Illinois vascular plants. S. Illinois Univ. Press, Carbondale, Ill. 282 pp.
_____. & _____. 1983. New distributional data for Illinois vascular plants. *Erigenia* 3:2-21.
Shildneck, P., A.G. Jones, & V. Muhlenback. 1981. Additions to the vouchered records of Illinois plants and a note on the occurrence of *Rumex crispatus* in North America. Phytologia 47:265-290.