

ELYMUS RIPARIUS IN ILLINOIS.—*Elymus riparius* Wiegand is a very distinctive species, which, like *E. canadensis* L., has usually nodding heads, but differs from that species in the straight awns of the lemmas and in the smaller paleas. In the second edition of Hitchcock's Manual of the Grasses of the United States (1950), its distribution is represented by dots as occurring in all the states surrounding Illinois. But for Illinois there is nothing but a blank indicated on the distribution map (p. 261). Nor is the species mentioned in either the first or second editions of Jones's Flora of Illinois.

It was, therefore, somewhat of a surprise to discover this species growing wild in the natural wooded ravines of the hilly Valparaiso Moraine section of northeastern Illinois where the author resides. These ravines have a rich mesophytic flora, and support such species as *Trillium flexipes*, *T. erectum*, *Smilax ecirrhata*, *Hepatica acutiloba* and *H. americana*, *Actaea pachypoda*, *A. rubra*, *Thalictrum dioicum*, *Sanguinaria canadensis*, *Dentaria laciniata*, *Dicentra Cucullaria*, *Caulophyllum thalictroides*, *Staphylea trifolia*, *Panax quinquefolius*, *Hydrophyllum virginianum*, *Lithospermum latifolium*, *Aster Shortii*, and a long list of other interesting species. Some of the indigenous species in the area, such as *Botrychium dissectum* (typical), *Liparis lilifolia*, *Convolvulus spithameus*, and others, constituted new county records for Illinois when originally discovered.

The finding of the first Illinois record of *Elymus riparius* is not too surprising, therefore, in view of the many rare or uncommon species already collected by the author in the same general vicinity. The specimen has been deposited in the Chicago Natural History Museum Herbarium. The data for it is, wooded ravine slopes near creek just east of Kimberley road, Biltmore Estates subdivision, 6 mi. northeast of Barrington, Lake Co., Illinois, August 14, 1948, *Steyermark 65952*, "heads nodding; leaves up to 2.2 cm. wide."—JULIAN A. STEYERMARK, CHICAGO NATURAL HISTORY MUSEUM AND MISSOURI BOTANICAL GARDEN.

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