

GLYCERIA ACUTIFLORA Torr.
Sharp-glumed Manna-grass

FAMILY: Poaceae

HABIT: Herbaceous perennial, culms 3-10 dm tall and often decumbent; flowering May-August.

SIMILAR SPECIES: Many members of the tribe Festuceae are superficially similar, and species within this genus are especially similar to each other. *Glyceria acutiflora* has linear-cylindric spikelets and acute lemmas.

TOTAL RANGE: ME to DE, VA, and TN, w. to MI and MO; also in e. Asia.

STATE RANGE (as of 2008): There are post-1980 records from Lorain, Portage, Richland, Stark, and Summit counties. There are pre-1980 records from Holmes, Licking and Morrow counties.

HABITAT: Wet soil; shallow water of ponds and swamps.

HAZARDS: Grazing; drainage of habitat.

RECOVERY POTENTIAL: Presumed poor, as it is sensitive to drainage modifications.

INVENTORY GUIDELINES: Mature flowering material is needed for identification. Collect the underground parts and note the density of basal tufting.

COMMENTS: This obscure grass should be sought throughout Ohio. It is easily overlooked or misidentified. Koyama and Kawano (1964) divide *G. acutiflora* into two subspecies. Under this concept, North American plants are the typical subspecies and Asiatic plants are ssp. *japonica* (Steudel) T. Koyama & Kawano.

SELECTED REFERENCES:

Deam, C.C. 1940. Authorized reprint 1970. Flora of Indiana. Verlag Von J. Cramer, S-H Service Agency, New York, NY. 1236 p.

Hitchcock, A.S. 1951. Manual of grasses of the United States. Ed. 2, rev. by A. Chase, U.S. Dep. Agr. Misc. Publ. 200. 1051 p.

Koyama, T. and S. Kawano. 1964. Critical taxa of grasses with North American and eastern Asiatic distribution. Can. J. Bot. 42: 859-884.

Stuckey, R.L. 1983. Absence of certain aquatic vascular plants from the prairie peninsula. p. 97-103. In: Brewer, R. (ed.). Proceedings of the eighth North American Prairie Conference. Western Michigan Univ., Kalamazoo, MI. 176 p.



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