

TRIGLOCHIN PALUSTRIS L.
Marsh Arrow-grass

FAMILY: Juncaginaceae

SYNONYMS: *Triglochin palustre* L.

HABIT: Perennial herb to 7 dm; flowers and fruits May-July.

SIMILAR SPECIES: This species resembles *T. maritimum*. *T. palustre* has three stigmas and carpels, whereas *T. maritimum* is a larger plant with six stigmas and carpels.

TOTAL RANGE: Circumboreal; in North America s. to PA, IN, IA, NE and NM.

STATE RANGE (as of 2008): There are post-1980 records from Champaign, Clark, Erie, Greene, Miami, Ottawa, Portage, Ross, Stark and Summit Counties. There are pre-1980 records from Madison and Sandusky Counties.

HABITAT: The species occurs in open areas of calcareous wetlands, especially fens.

HAZARDS: Shading by woody species due to succession; destruction of habitat through filling, draining or peat mining.

RECOVERY POTENTIAL: Good with protection and management of fens. It is vital to maintain open habits by controlling woody species.

INVENTORY GUIDELINES: Collect mature, flowering or fruiting material.

COMMENTS: The species was named *Triglochin palustre* by Linnaeus using the neuter form of the epithet. Many American manuals have used the feminine form *T. palustris*. According to Voss (1966), there is no good reason to use this feminine form. The species should be sought in fens in west-central and northeastern Ohio.

SELECTED REFERENCES:

Braun, E.L. 1967. The Monocotyledoneae [of Ohio]: Cat-tails to orchids. The Ohio State Univ. Press, Columbus OH. 464 pp.

Flora of North America Editorial Committee, eds. 1993+. Flora of North America North of Mexico. 4+ vols. New York and Oxford. (The Juncaginaceae is treated in Volume 22.)

Looman, J. 1976. Biological flora of the Canadian Prairie Provinces. IV. *Triglochin* L., the genus. Can. J. Plant Sci. 56: 725-732.

Voss, E.G. 1972. Michigan Flora, Part I. Gymnosperms and monocots. Cranbrook Inst. Sci. Bull. 59, Bloomfield Hills, MI. 488 pp.



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