

NOTEWORTHY COLLECTION

MICHIGAN

Subularia aquatica L. (Brassicaceae). Water Aowlwort.

Previous Knowledge: *Subularia aquatica* is an aquatic member of the mustard family that occurs in eastern Asia, Europe, and the northern part of North America (Voss 1985). According to Crow & Hellquist (2000), the North American taxon of *S. aquatica* is ssp. *americana* Mulligan & Calder. In northeastern North America, this annual species grows in shallow water of lakes, ponds, and slowly-moving streams (Crow & Hellquist 2000). In the Great Lakes region, *S. aquatica* has been documented from Minnesota (state threatened), New York (state endangered), and Ontario where, although not a listed species, it is considered rare (Oldham 1999). In Michigan, its status was recently changed from state threatened to state endangered (MI DNR & MNFI 1999).

Significance: Until its discovery in Keweenaw County's Gratiot Lake, *Subularia aquatica* had been documented in Michigan from only two locations. These historical records, both from Michigan's Upper Peninsula, were from Isle Royale in 1930 and the St. Mary's River in 1958 and 1965 (Voss 1985).

Diagnostic characters: *Subularia aquatica* forms a rosette of long, narrow leaves up to 5 mm long (Gleason & Cronquist 1991). Its minute white flowers have, like most other members of the mustard family, four petals, four sepals, and six stamens. Roots of *S. aquatica* are extremely white compared to roots of other rosette-forming aquatic species with which it may be confused (Paul Monson and Lynden Gerdes, pers. comm.).

KEWEENAW CO.: in shallow water of lake, rooted in mucky bottom, fruiting, Gratiot Lake Conservancy, Gratiot Lake, T57N R30W, 30 July 2000, *Marr 2816* (MICH, !A.A. Reznicek). Associates include *Eriocaulon aquaticum* (Hill) Druce, *Isoetes* sp., *Lobelia dortmanna* L., and *Chara* sp.

LITERATURE CITED

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