

SCHOENOPLECTUS TORREYI (Olney) Palla
Torrey's Bulrush

FAMILY: Cyperaceae

SYNONYMS: *Scirpus subterminalis* Torrey subsp. *subterminalis* var. *cylindricus* (Torrey) T. Koyama.

HABIT: Herbaceous perennial from a short rhizome; fertile culms 0.4-1.5 m.; fruiting July-September.

SIMILAR SPECIES: Non-flowering plants are very similar to several other types of submersed or emergent aquatics, and particularly to *Scirpus pungens* and *S. subterminalis*. Schuyler (1972) discusses these problems in identification and provides helpful illustrations.

TOTAL RANGE: N.B. to Man. s. to VA, KY, IL, MO, and SD; see map in Stuckey (1983).

STATE RANGE: ERIE CO.: Sandusky, 189-, E.L. Moseley (OS). LAKE CO.: Painesville, 1871, H.C. Beardslee (OC, 2 sheets); near Painesville, 11 Aug. 1889, W.C. Werner (OC, 2 sheets); Painesville, 189-, H.C. Beardslee (OS). OTTAWA CO.: East Harbor near Lockwood's, 15 Aug. 1896, E.L. Moseley (BGSU).

STATE STATUS: 1980 to present: Presumed Extirpated.

HABITAT: Lake margins, beach pools, peaty shores; more terrestrial in habitat than the closely related *S. subterminalis*.

HAZARDS: Sudden changes in water level; shoreline disturbance.

RECOVERY POTENTIAL: Unknown, but probably poor.

INVENTORY GUIDELINES: Collect complete mature specimens.

COMMENTS: This species may easily be misidentified or, when not in flower, overlooked. It should be sought throughout northern Ohio.

Koyama (1962) interprets this species as a part of a larger complex including *S. subterminalis*. Most authors, however, retain the species rank for this taxon.

SELECTED REFERENCES:

Koyama, T. 1962. The genus *Scirpus* Linn.: some North American aphyloid species. *Canad. J. Bot.* 40: 913-937.

Schuyler, A.E. 1972. Morphological and anatomical differences in leaf blades of three North American aquatic bulrushes (Cyperaceae: *Scirpus*). *Bartonia* 41: 57-60.

Schuyler, A.E. 1976. Chromosome numbers of some eastern North American species of *Scirpus*. *Bartonia* 44: 27-31.

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



Ohio Department of Natural Resources
Division of Natural Areas and Preserves

Created: 3/1985 Allison W. Cusick