

LIPOCARPHA DRUMMONDII Nees
Drummond's Dwarf Bullrush

FAMILY: Cyperaceae

SYNONYMS: *Hemicarpha aristulata* (Coville) Smyth; *Hemicarpha micrantha* (Vahl) Britt. var. *aristulata* Coville; *Hemicarpha micrantha* (Vahl) Britt. var. *drummondii* (Nees) Friedland

HABIT: Tufted annual, culms 2-10 (-20) cm.; fruiting July-October.

SIMILAR SPECIES: *Lipocarpa* superficially resembles other genera in the Cyperaceae, particularly *Scirpus*. *Lipocarpa* differs from other genera by the presence of a minute, translucent scale subtending the achene. *L. drummondii* closely resembles *Lipocarpa micrantha*, but can be separated by the following characters: *L. drummondii* has a perianth or it is vestigial, bracts of the spikelets with recurved tips. Also, in *L. micrantha* the culms tend to be strongly arching, while in *L. drummondii* they are +/- erect.

TOTAL RANGE: Occurs chiefly in w. U.S., extending e. sporadically to OH.

STATE RANGE (as of 2008): Post-1980 records are from Lucas and Henry counties.

HABITAT: Ohio populations occur on a flat, sparsely vegetated lacustrine sand plain influenced by a high water table.

HAZARDS: Destruction of habitat, disruption of the hydrology.

RECOVERY POTENTIAL: Unknown.

INVENTORY GUIDELINES: Collect complete, mature specimens.

COMMENTS: This species is extremely small in stature and consequently very easy to overlook. It also may grow among other, taller vegetation that further obscures it. Considered by some authors to be a variety of *Lipocarpa micrantha*, and a distinct species by others. Ohio represents the easternmost station for this plant, although it should occur in other localities in northwestern Ohio. It should be sought in appropriate habits in northwestern Ohio.

SELECTED REFERENCES:

Friedland, S. 1941. The American species of *Hemicarpha*. *Am. J. Bot.* 28: 855-861.

Lawson, Cheryl A. 1973. The genus *Hemicarpha* (Cyperaceae) in Oklahoma. *Okla. Acad. Sci.* 53: 114-117.



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