

BOTRYCHIUM LANCEOLATUM (Gmel.) Angstr.
Triangle Grape-fern

FAMILY: Ophioglossaceae

HABIT: Perennial with deciduous fronds, 0.5-2.5 dm.; sporulating June, July.

SIMILAR SPECIES: Superficially resembles *B. matricariifolium*, but differing in its triangular, rather than pinnate, frond. Perhaps confused with a depauperate specimen of the common *B. virginianum*, but the frond much less divided.

TOTAL RANGE: Nfld. to WI, s. to VA, WV, and OH; the typical variety occurs to the n. and w. of this range.

STATE RANGE: There are post-1980 collections from Ashtabula, Geauga and Hocking counties. There are pre-1980 specimens from Portage County.

HABITAT: A variety of moist, shaded situations; mesophytic woods.

HAZARDS: Soil compaction; drying of habitat by removal of vegetation.

RECOVERY POTENTIAL: Unknown.

INVENTORY GUIDELINES: Collect mature specimens; care should be taken in pressing the frond so as not to overlap or hide the segments; this will aid in identification.

COMMENTS: This small fern is easily overlooked. It should be sought throughout the state. It may well be more frequent than the few records indicate. Plants occurring in Ohio are var. *angustisegmentum* (Pease & Moore).

SELECTED REFERENCES:

Wagner, W.H., Jr. 1960. Evergreen grapeferns and the meanings of infraspecific categories as used in North American pteridophytes. *Amer. Fern Jour.* 50: 32-45.

Wagner, W.H., Jr. 1963. Pteridophytes of the Mountain Lake area, Giles County, Virginia, including notes from Whitetop Mountain. *Castanea* 28: 113-150.



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