

GENTIANOPSIS PROCERA (Holm.) Ma
Small Fringed Gentian

FAMILY: Gentianaceae

SYNONYMS: *Gentiana procera* Th. Holm

HABIT: Erect, perennial herb, 3-8 dm; flowers Sept.-Oct.

SIMILAR SPECIES: *G. procera* may be easily confused with *G. crinita*. Gleason and Cronquist (1991) supply the following key to the species.

G. crinita ... Upper leaves distinctly lanceolate or lance-ovate; corolla lobes fringed across the summit (as well as along the sides) with linear fringe-segments (1-)2-5 mm.

G. procera ... Upper leaves linear or very narrowly lanceolate; corolla lobes merely erose-toothed across the summit (often fringed along the sides).

TOTAL RANGE: W. NY, and s. Ont. to s. Man. and IA, as ssp. *macounii* w. to Alta. and on the Gaspé Peninsula.

STATE RANGE (as of 2008): There are post-1980 records from Ashtabula, Champaign, Clark, Erie, Fulton, Geauga, Greene, Henry, Lake, Lorain, Lucas, Ross, Stark and Summit counties. There are pre-1980 records from Auglaize, Fairfield, Fayette, Franklin, Highland, Hocking, Logan, Madison, Montgomery, Pickaway, Portage, and Williams counties.

HABITAT: Fens, calcareous seeps and shores, marly sand.

HAZARDS: Destruction of fen habitat by draining, filling or peat mining; overgrowth by woody species as a result of succession.

RECOVERY POTENTIAL: Good; protection and management of fens protects vital habitat for this species.

INVENTORY GUIDELINES: Specimens should be collected with good flowering material.

COMMENTS: Species should be sought in fens and other calcareous wetlands throughout the state.

SELECTED REFERENCES:

Andreas, B.K. and T.S. Cooperrider. 1981. The Gentianaceae and Menyanthaceae of Ohio. *Castanea* 46: 102-108.

Gleason, H.A. and A. Cronquist. 1991. Manual of vascular plants of northeastern United States and adjacent Canada. New York Botanical Garden, Bronx, New York. 910 pp.

Ittis, H.H. 1965. The genus *Gentianopsis* (Gentianaceae): Transfers and phytogeographic comments. Sida 2: 129-154.

Mason, C.T., Jr. and H.H. Ittis. 1965. Preliminary reports on the flora of Wisconsin No. 53. Gentianaceae and Menyanthaceae--Gentian and Buckbean families. Trans. Wis. Acad. Sci., Arts and Letters 54: 295-329.



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Created: 4/1993 Greg Schneider