

CAREX PROJECTA Mackenzie
Necklace Sedge

FAMILY: Cyperaceae.

SYNONYM: *Carex tribuloides* Wahlenb. var. *reducta* Bailey

HABIT: Tufted perennial from a short, black, fibrillose rootstalk, fertile culms 5-9 dm.; fruiting late-May to early-July.

SIMILAR SPECIES: Phenology is useful in identification of this species. *Carex projecta* flowers and fruits about a month before similar species, *Carex cristatella* and *Carex tribuloides*. This species is one of a series of sedges, the section Ovales, the members of which are extremely difficult to identify accurately. Careful measurements and critical examination of the perigynia and pistillate scales are needed for accurate identification.

TOTAL RANGE: Nfld. to Man., s. to WV, IL, and MO.

STATE RANGE (as of 2008): There are post-1980 records from Ashtabula, Columbiana, Geauga, Lake, Lorain, Summit, and Trumbull counties. There are pre-1980 records from Crawford, Erie, and Medina counties.

HABITAT: A diverse variety of moist situations in sun or semi-shade; meadows, stream banks, clearings in wet woods, thickets.

HAZARDS: Overgrowth by woody species through succession.

RECOVERY POTENTIAL: Unknown, but possibly good as it is known from disturbed situations.

INVENTORY GUIDELINES: Collect complete, mature specimens.

COMMENTS: The members of this group of sedges are notoriously difficult to identify. This species is easily overlooked and/or misidentified. It should be sought throughout northern Ohio.

SELECTED REFERENCES:

Gleason, H.A. and Cronquist, A. 1991. Manual of vascular plants of northeastern United States and adjacent Canada. 2nd ed. The New York Botanical Garden, Bronx NY. 910 pp.

Mackenzie, K.K. 1940. North American Cariceae. N.Y. Bot. Gard., pl. 187.

Voss, E.G. 1972. Michigan flora, Part I, Gymnosperms and monocots. Cranbrook Inst. of Sci. Bull. 55, Bloomfield Hills, MI. 488 p.



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