

SOLIDAGO ARGUTA Aiton
Cut-leaved Goldenrod

FAMILY: Asteraceae (Compositae)

HABIT: Herbaceous perennial from a stout vertical rootstalk, to 15 dm; flowers late Aug.-Oct.

SIMILAR SPECIES: This species is easily confused with other related goldenrods, particularly the more common *S. juncea*. These species are distinguished by careful examination of mature plants, especially the basal leaves and rootstalks. The basal leaves of *S. juncea* are lanceolate or oblanceolate and tapering to the petiole; those of *S. arguta* are ovate, oblong-ovate or ovate-lanceolate and rather abruptly contracted to the petiole.

TOTAL RANGE: The var. *arguta* occurs from ME to NC, and W. to OH and MO.

STATE RANGE: The species is only known in Ohio from a 1951 Lawrence County record and a questionable 1892 Meigs County specimen.

STATE STATUS: 1980-1983: Endangered, 1984 to present: Presumed Extirpated.

HABITAT: Rocky open woods, bluffs, fields.

HAZARDS: Possibly overshadowing by woody species as a result of succession. The species is intolerant of competition and susceptible to grazing by deer (Steyermark 1963).

RECOVERY POTENTIAL: Unknown.

INVENTORY GUIDELINES: Collect complete flowering material and underground part.

COMMENTS: This species has been reported in adjacent West Virginia and is common in much of its range south of Ohio. It should be sought throughout southern Ohio.

SELECTED REFERENCES:

Fisher, T.R. 1988. The Dicotyledoneae of Ohio. Part 3. Asteraceae. Ohio State Univ. Press, Columbus. 280 pp.

Radford, A.E., H.E. Ahles and C.R. Bell. 1968. Manual of the vascular flora of the Carolinas. Univ. of North Carolina Press, Chapel Hill. 261 pp.

Steyermark, J.A. 1963. Flora of Missouri. The Iowa State University Press, Ames IA. 1728 pp.



Ohio Department of Natural Resources
Division of Natural Areas and Preserves

Created: 2/1984 Allison W. Cusick
Revised: 4/1993 Greg Schneider
Database Code: SPNX.K42