

ARNOGLOSSUM PLANTAGINEUM
Fen Indian-plantain

FAMILY: Asteraceae

SYNONYM: *Cacalia tuberosa* Nutt.
Cacalia plantaginea (Raf.) Shinnars.

HABIT: Perennial herb to 1.8 m.; flowering June-August; fruiting July- September.

SIMILAR SPECIES: *Arnoglossum plantagineum* is a distinctive plant, easily recognized by its large, nearly parallel-veined lower leaves in combination with a branched inflorescence of discoid flowers. Vegetative material resembles *Plantago cordata*.

TOTAL RANGE: OH and s. Ont. to MN and e. SD., s. to AL and TX.

STATE RANGE (as of 2008): Post-1980 records are from Champaign, Clark, Greene, Miami, and Ross counties. There are pre-1980 records from 6 counties: Fairfield, Franklin, Logan, Montgomery, Richland, and Warren.

HABITAT: In its total range, this species occurs in wet prairies, fens, thickets, wet meadows and fields, and along roadsides and railroads. In Ohio, it appears to be restricted to a fen habitat.

HAZARDS: Overshading by woody species as a result of succession; also drainage, overdrying, inundation, or other alteration of the fen habitat.

RECOVERY POTENTIAL: Unknown, but possibly poor due to the small amount of suitable habitat remaining in Ohio.

INVENTORY GUIDELINES: Mature flowering or fruiting material is needed for identification.

COMMENTS: The general range of this species in Ohio probably is accurately known. It is a tall, distinctive plant that is unlikely to be overlooked or misidentified. Some authors, including Cronquist (1980) and Argus and White (1983), treat this plant as *Cacalia plantaginea* and place *C. tuberosa* in synonymy.

SELECTED REFERENCES:

Argus, G.W. and D.J. White. 1983. Atlas of the rare vascular plants of Ontario: Part 2. National Museums of Canada, Ottawa, Canada. n.p.

Cronquist, A. 1980. Vascular flora of the southeastern United States. Vol. I. Asteraceae. Univ. of North Carolina Press, Chapel Hill, NC. xv + 261 p.

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.

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



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Created: 11/1983 James Burns