

LEAVENWORTHIA UNIFLORA (Michx.) Butl.
Michaux's Leavenworthia

FAMILY: Brassicaceae

HABIT: Acaulescent winter-annual; 5-15 cm.; flowering late March-early May; fruiting April, May.

SIMILAR SPECIES: A distinctive, easily identified species. This is the only Ohio crucifer with the combination of a rosette of pinnatifid leaves and solitary flowers terminating leafless scapes.

TOTAL RANGE: OH to nw. GA and nw. AR.

STATE RANGE (as of 2008): There are post-1980 records from Adams and Pike counties. There are pre-1980 records from Highland and Scioto counties.

HABITAT: In full sun, in thin soil over dolomite; ledges, prairies, barrens, old fields, and quarries.

HAZARDS: Overshading by woody species as a result of succession; soil compaction.

RECOVERY POTENTIAL: Possibly good due to its tolerance of disturbance. Rollins (1963) states that it readily invades old fields and pastures in areas where cultivated lands extend into or displace sites with the native habitat conditions.

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

COMMENTS: The current knowledge of the range of this species in Ohio may be accurate. Baskin and Baskin (1978) state that throughout its range, *L. uniflora* populations are sporadically distributed and consist of few individuals. It should be sought throughout southwestern Ohio, especially in areas with dolomitic bedrock.

SELECTED REFERENCES:

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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.

Rollins, R.C. 1963. The evolution and systematics of *Leavenworthia* (Cruciferae). Contr. Gray Herb. 192: 3-98.



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