

PHACELIA BIPINNATIFIDA Michx.  
Fern-leaf Scorpion-weed

FAMILY: Hydrophyllaceae

HABIT: Herbaceous biennial, 2-6 dm.; flowering April-June; fruiting June, July.

SIMILAR SPECIES: This species has larger leaves than any other *Phacelia* in Ohio. It is very similar to *Hydrophyllum virginianum*. *Phacelia bipinnatifida* is pubescent, however, and *H. virginianum* is glabrous.

TOTAL RANGE: VA to s. OH, n. IL, and se. MO, s. to GA, AL, and AR.

STATE RANGE (as of 2008): Post-1980 records are from Adams, Brown, Butler, Clermont, Hamilton, Harrison, and Scioto counties. Pre-1980 records are from Fairfield and Pike counties.

HABITAT: The most common habitat of this plant is in deciduous alluvial woods, generally on basic soils. However, Ohio collections have also been made from fields and roadsides.

HAZARDS: Unknown, perhaps removal of forest canopy.

RECOVERY POTENTIAL: Unknown, but possibly good due to its apparent tolerance of disturbance.

INVENTORY GUIDELINES: Mature flowering material is needed for identification.

COMMENTS: In Ohio, this plant may be under collected due to its similarity to *Hydrophyllum virginianum*. It should be sought throughout southern Ohio.

SELECTED REFERENCES:

Constance, L. 1949. A revision of *Phacelia* subgenus *Cosmanthus* (Hydrophyllaceae). *Contr. Gray Herb.* 168: 1-48.

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Gillett, G.W. 1968. Systematic relationships in the *Cosmanthus* Phacelias (Hydrophyllaceae). *Brittonia* 20: 368-374.

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.



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