

***Huperzia appalachiana* Beitel & Mickel**
Appalachian Club-moss

Family: Lycopodiaceae

Synonyms: *Huperzia appressa* (Desv.) A. Löve & D. Löve

Description: Shoots erect, 6-10 cm tall without annual constrictions; leaves ascending to spreading, not lustrous; gemmae 3-4 x 2.5-3.5 mm.

Similar Species: Similar to other members of the genus *Huperzia* especially *Huperzia selago*. *Huperzia appalachiana* produces gemmae throughout mature portion while *H. selago* has gemmae only at the end of annual growth.



Total Range: USA: GA, MA, ME, MI, MN, NC, NH, NY, OH, TN, VA, VT, WI; **CAN:** LB, NB, NF, NS, ON, QC; Greenland.

Ohio Range: Licking County

Ohio Status: www.ohiodnr.com/dnap

Habitats: Dry, open sandstone rock exposures.

Threats: Shading by taller vegetation.

Conservation Potential: This species was likely never common in Ohio. Additional sites may occur on dry sandstone rock exposures in eastern Ohio.

Inventory Guidelines: A mature specimen with gemmae is required for proper identification. Collecting should be minimal.

Comments: This species is known from a single collection made near Black Hand Gorge State Nature Preserve in Licking County. Recent surveys have failed to relocate this population.

Haines (2003) states the correct name for this taxa is *Huperzia appressa* (Desv.) A. Löve & D. Löve. *Huperzia appalachiana* was added to the rare plant list in 2004.

Selected References:

Beitel J.M. & J.T. Mickel. 1992. The Appalachian firmoss a new species in the *Huperzia selago* (Lycopodiaceae) complex in Eastern North America, with a new combination for the western firmoss. *American Fern Journal* 82(2): 41-46.

Flora of North America Editorial Committee, eds. 1993. Flora of North America north of Mexico. Vol. 2. New York and Oxford. 475 pp.

Haines, A.A. 2003. The families Huperziaceae and Lycopodiaceae of New England: a taxonomic and ecological reference. V.F. Thomas Co., Bowdoin, ME. 100 pp.



Ohio Natural Heritage Program

ODNR Division of Natural Areas & Preserves

2045 Morse Road, Building F-1

Columbus, Ohio 43229

www.ohiodnr.com/dnap

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