

FISSIDENS HYALINUS Wils. & Hook.
Filmy Fissidens

FAMILY: Fissidentaceae.

HABIT: Ephemeral, minute (1.5-3.0 mm), delicate, pale green or hyaline plants growing as scattered or gregarious individuals.

SIMILAR SPECIES: No other Fissidens can be confused with *F. hyalinus*.

TOTAL RANGE: PA, LA, OH; also Mex., n. South America, Japan.

STATE RANGE: Three Ohio records have been reported for this rare species. The type collection was reported to have been collected in the vicinity of Cincinnati. However, the actual collecting site, along Bank Lick creek, is in northern Kentucky. The second collection is from Lake County, and was made in the late 1800s. The most recent record (1989) is from Hocking County.

STATE STATUS: 1990-1991: Added, 1992 to present: Endangered.

HABITAT: Cool, moist sheltered forest ravines on clay soil.

HAZARDS: Drying of the habitat; removal of forest canopy shading.

RECOVERY POTENTIAL: Unknown.

INVENTORY GUIDELINES: Collect only minute samples and only after spore release.

COMMENTS: *Fissidens hyalinus* is an extremely rare (or rarely collected) species. It has been collected in only two counties in Pennsylvania, and a single collection has been reported from Louisiana. Two collections exist from Kentucky (including the type collection), and two from Ohio. It appears to be quite ephemeral, lasting only a few weeks at most. It appears to mature in early to mid September.

SELECTED REFERENCES:

Crum, H.A. and L.E. Anderson. 1981. Mosses of Eastern North America. Two vols. Columbia University Press.

Reese, W.D. 1983. Mosses of the Gulf South. Louisiana State University Press.



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