

PTYCHOMITRIUM DRUMMONDII (Wils.) Sull.  
Drummond's Ptychomitrium

FAMILY: Ptychomitreaceae

HABIT: Perennial plants that typically grow in small, low, dense, dark green to blackish colonies with yellowish sporophytes on the trunks of hardwood trees.

SIMILAR SPECIES: *Ptychomitrium drummondii* can be separated from the remaining three North American species in the genus (none of which occur in Ohio) on the basis of its preference for a tree bark substrate. The other species occur only on soil or rock substrates.

TOTAL RANGE: The Piedmont and coastal plain of the Southeastern U.S. from DE to FL, and w. to TX, MO, and OK, and apparently disjunct in Ohio.

STATE RANGE: Known only from a single collection from Butler County n 1982.

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

HABITAT: On trunks of hardwoods along streams and urban streets.

HAZARDS: Unknown, but possible clearing of forest canopy.

RECOVERY POTENTIAL: Unknown.

INVENTORY GUIDELINES: As this species frequently grows in small tufts, collect only a portion of the material, preferably with sporophytes.

COMMENTS: *Ptychomitrium drummondii* is thought to be a southeastern piedmont/ coastal plain species. Whether its occurrence in Ohio is a result of incomplete collecting in the Midwest, or whether it has recently been introduced into the area is, at present, unclear.

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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