

Monoblastia Riddle
(MONOBLASTIACEAE)

After Harris, 1990, 1995

Hamathecium filamentous. Spores unicellular, conspicuously ornamented; ornamentation wart-like or peg-like.

I haven't been able to find any more info. about this genus.

1. Ostiole apical to slightly excentric. On bark. Ascomata dark brown-black, melanized; ascospores ornamented with low, flat warts, 32-45 x 17-22 um. Florida. M. cypressi R. C. Harris

1. Ostiole strongly excentric to lateral. 2

2. Ascospores globose to oblong or rarely ellipsoidal (in the same ascoma), 10-15(-21) um across or 14-18 x 7-10 um, ornamented with low, more or less conical warts. Florida. M. rappii Zahlbr.

2. Ascospores cylindrical to fusiform, 24-30 x 8-9 um. Ascospores 22-27 x 8-9 um, warted. Thallus not evident. Ascomata flask-shaped, intially immersed in bark with only the tip of the ostiole visible, becoming emergent due to erosion of surrounding barkm ca, 0.5 mm long (including ostiolar neck). Asci cylindrical, ca. 180 x 15 um. Spores 8, uniseriate. Conidia not found. On Taxodium, Florida. M. buckii R. C. Harris

M. cypressii

Thallus whitish, thin (bark showing through), not corticate, UV-. Ascomata subspherical with apical ostiolar papilla, 0.7-1.0 mm diam., 3/4 to entirely immersed; ostiole apical. Asci cylindrical with eight uniseriate ascospores. Ascospores oblong-ellipsoidal with strong ornamentation of low, broad warts, 31-47 x 17-22 um; microconidia and macroconidia not found. Florida.

Literature

Harris, R. C. 1990. Some Florida Lichens.

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