

Date: 27 Sept. 2016. Black Sugarloaf, Birralee (big tree track).

Habitat: Closed wet Eucalypt forest.

Substrate: Bryophyte-covered log, upper gully.

Description: Small group of crowded stalked ochraceous to olivaceous sporangia to 3 mm high. **Sporotheca** globose 0.7–1 mm diameter, ochraceous yellow. **Stalk** black, grooved, 0.7–1.8 mm long. **Hypothallus** well developed and continuous under group, thick, dark brown to reddish brown, shiny.

Peridial net small dark calyculus occupies $\leq \frac{1}{4}$ of sporangia, merging into small meshed net with no conspicuous nodes at junctions. Granules on net 1.3 μm diameter, brown. **Spores** ochraceous yellow in mass, almost colourless by transmitted light, minutely punctate, 6 μm . **Plasmodium** dark grey.

Notes: Stalk is too long for *C. argillacea*; but thick conspicuous hypothallus is not a feature of *C. macrocarpa*.

"*C. macrocarpa* is part of a taxonomically difficult complex of variable species including *C. argillacea*, *C. ferruginea*, *C. martinii* & *C. macrospora*." (Ref: Adamonyte & Eliasson 2010 Morphological variation and taxonomic characters in *Cribraria* from the Great Smoky Mt. NP in eastern USA.)

