

Didymium cf. applanatum Nann.-Bremek.

(MEL) 0643

Date 22 May 2014. Black Sugarloaf, Birrallee (Big tree track).

Habitat: Closed wet Eucalypt forest.

Substrate: Dead *Clematis aristata*.

Description: clustered stalked sporangia to 0.8 mm high.

Sporotheca discoid 0.4–0.5 mm high x 0.8 mm diameter with a wide umbilicus. **Stalk** short, buff coloured, longitudinal groove with lime crystals, and widely attached to the substrate. **Hypothallus** membranous, shiny. **Peridium** thin, membranous and iridescent, covered with flakes of lime, crystals present. **Columella** absent except for pale ochraceous basal plate. **Capillitium** threads branched, colourless by transmitted light with some swellings. **Spores** very dark brown in mass, dark by transmitted light; warted with groups of darker warts, 12–13 µm. **Notes:** Spores darker and larger than described in Poulain *et al.* (2011); warts coarser and more sparse than description in Nann.-Bremek (1991).

Very similar to *D. squamulosum* but with basal plate rather than dome-shaped columella (see *D. squamulosum* #0123).

