

Date 31 May 2017 Black Sugarloaf, Birralee (big tree track).

Habitat: Closed wet Eucalypt forest.

Substrate twig and leaf in *Dicksonia antarctica*.

Description short and long plasmodiocarps 0.4 mm diameter to 10 mm long, terete in cross section; with globose sessile sporangia to 5 mm diameter, white in the upper part, brown at base. **Hypothallus** not conspicuous. **Peridium** two layers, outer layer white lime, inner layer membranous, colourless, iridescent; dehiscence irregular. **Columella** absent. **Capillitium** white, variously-shaped lime nodes connected by hyaline threads. **Spores** dark brown in mass, brown by transmitted light, with light and dark areas, spinulose, 12–13 μm . **Plasmodium** white.

Notes Keys out to *P. bitectum* in Stephenson (2003) except the spores in mass are dark brown not black and there is regular longitudinal dehiscence in some plasmodiocarps. An active white plasmodium was observed in the same *Dicksonia* on 1 June 2017. The same species was collected from an adjacent *Dicksonia* on 2 June 2017.

