

**Date** 11 Sept. 2015. Black Sugarloaf, Birralee (big tree tack)

**Habitat:** Closed wet Eucalypt forest.

**Substrate** very strongly decayed wood on inside of large bryophyte-covered stump. **Description** gregarious and scattered stalked sporangia, 1.5–1.8 mm high. **Sporotheca** globose, to sub-globose (slightly wider than high), umbilicate at base where stalk attaches, 1.1–1.6 mm diameter, golden brown. **Stalk** cylindrical, 0.3–0.4 mm long x 0.3 mm wide, brown. **Hypothallus** yellow brown to dark brown. **Peridium** membranous, iridescent with pink and green reflections, irregular dehiscence. **Capillitium** prolific, long and very elastic; white at first becoming beige, minutely punctate, 5 µm wide. **Spores** white at first becoming beige, almost colourless by transmitted light, spiny, 9–10 µm.

**Notes** Appears in extensive colonies on very strongly decayed eucalypt logs or stumps. Decoration on spores and capillitium difficult to see with oil immersion lens. Compare with *P. metallica* #0031 which has distinctive spinulose spores and penicillate ends on capillitium as described in Poulain *et al.* Considered an exceedingly variable species.

