

Black Sugarloaf, Birralee (Big Tree Track)

**Habitat:** Closed wet Eucalypt forest.

**Substrate:** Moss on mossy log (parallel to BTT)

**Description:** Gregarious to clustered stalked ellipsoid sporangia, 3.2 mm tall x 0.6 mm diameter on brown hypothallus. **Sporotheca** ellipsoid, with iridescent peridium that breaks off in flakes 1.2 mm long.

**Peridium** iridescent with blue, purple and golden reflections, slight darker and plicate at base.

**Stipe** Black, 2 mm long, approximately  $\frac{2}{3}$  height of sporangia.

**Columella** almost reaching the top of sporotheca, tapering at apex.

**Capillitium** dense, at right angles to columella, brown near columella, white and more branching at tips.

**Spores.** Brown in mass, red brown by transmitted light with dark irregularly scattered warts 11–16  $\mu\text{m}$ .

**Notes:** Several groups of this species currently in the field.

