

*Tubifera ferruginosa* (Batsch) J.F. Gmelin subsp. *ferruginosa* Leontyev, Schnittler & S.L. Stephenson

0740

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

**Habitat:** Closed wet Eucalypt forest.

**Substrate:** Bark of strongly decayed *Banksia marginata* with leafy liverworts. **Fruit body** Several grouped pseudoaethalia 20–100 mm wide, rounded, pulvinate, greyish brown, surface formed of free tips of sporothecae. **Sporothecae** cylindrical, straight from base to external surface, 2–3 mm high x 0.3 mm diameter with rounded apex. **Hypothallus** foamy white at first becoming pale yellow. **Peridium** membranous, light brown in reflected light, iridescent, faint marbling seen with oil immersion lens. **Spores** umber-brown in mass, brownish by transmitted light, banded reticulate, 6–9.5  $\mu\text{m}$ . **Plasmodium** bright scarlet.

**Notes:** Pseudoaethalia (above right) appeared on 18 Sept. 2016 and were covered to protect them from forecast rain. A further two pseudoaethalia (pictured below) appeared on 27 Sept. 2016. *T. ferruginosa* has appeared previously on this log. Ref: Leontyev *et al.* A critical revision of the *Tubifera ferruginosa* complex. *Mycologia*, 107(5), 2015, pp. 959–985.

