

Tricholomopsis sp SP11-84



Tricholomopsis sp SP11-84 © SJM McMullan-Fisher

Cap: planoconvex; 18 – 32 mm diameter; cap colours yellow-buff to cinnamon at margin, darkening through fulvous, to rusty-tawny at centre; squarrose with upright scales which come to a fine point; scale colours are rusty-tawny darkening to umber at centre where some scales become joined together; scales near margin are smaller and paler; margin is slightly inrolled.

Stipe: 3 – 7 mm diameter, up to 25 mm tall; club-shaped to slightly swollen at base; fulvous near gills, darkening to brick at base; covered with minutely pubescent fibres, slightly longitudinally arranged.

Gills: adnate, close, pale buff, with 3 tiers of lamellulae; gill edge translucent, some gills bifurcate.

Spore print: white.

Spores: white; $4.8 - 7.1 \times 4.5 - 6.9 \mu\text{m}$, average $5.85 \pm 0.6 \times 5.3 \pm 0.6 \mu\text{m}$, $Q = 1 - 1.28$, average $Q = 1.11 \pm 0.07$; subglobose, often with oily contents; smooth; hyaline, inamyloid.

Basidia: clavate; $20 - 30 \times 7 - 8 \mu\text{m}$; three- and four-spored.

Cheilocystidia: not observed.

Pileipellis: an irregular trichoderm with triangular tufts of parallel hyphae representing the cap squamules.

Habitat: wet eucalypt forest including *Eucalyptus grandis* and rainforest understorey for collection SP11-84. Mixed forest *Archontophoenix cunninghamiana*, *Syncarpia hillii*, *Lophostemon confertus*, *Agathis robusta* for collection PL17411.

Substrate: buttress of living Tallowwood tree (rough-barked).

Notes: P. Leonard determined using FunKey, in April 2011, based on collection PL17411 that was a *Cyptotrampa* species. This also keys to genus *Cyptotrampa* in Grgurinovic. DNA sequencing data suggests it is a *Tricholomopsis* species.

Collections examined: SP11-84 Springbrook, Ankida Waterfall walk, 12 Mar 2011; PL17411 Fraser Island, Happy Valley to Moon Point track, ~7 km from Happy Valley.