

Cyptotrama species SP11-84



Cyptotrama species SP 11-84 © SJM McMullan-Fisher

Cap: 18-32 mm diam., planoconvex; 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 diam. up to 25 mm tall; club shaped to slightly swollen at base; fulvous near gills darkening to brick at base; covered with minutely pubescent fibers, slightly longitudinally arranged.

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

Spore print white.

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

Basidia: clavate; $20 - 30 \times 7 - 8 \mu$; 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 Tallow wood tree - rough barked.

Notes: P Leonard determined using FunKey, in April 2011 based on collection PL17411. This also keys to genus *Cyptotrama* in Grgurinovic. It differs from *C. asprata* by its overall brown colour, lack of prominent squamules on the stem, significantly smaller spores and basidia.

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