

Phylloporus sp 2



Phylloporus sp 2 © Pat Leonard

Cap: broadly convex; 50 – 90 mm diameter; minutely velutinate; ruby, Victoria plum red (12E8, 12F8); margin lobes.

Stipe: cylindrical and slightly sub-bulbous at the base; 40 – 50 × 10 – 14 mm, velutinate; poroid; cream with reddish to ruby staining; mycelium white.

Pores: adnexed; thick, not forked or interveined; bright golden brown; with two series of lamellulae intercalated; staining green and then turning black where damaged.

Flesh: pale cream staining pink to reddish brown.

Spore print: olivaceous; ellipsoid.

Spores: ellipsoid; 4.66 – 5.79 × 3.31 – 4.04 μm , average 5.31 \pm 0.32 × 3.65 \pm 0.21, Q = 1.25 – 1.6, average Q = 1.46 \pm 0.09.

Basidia: clavate; 20 – 27 × 6 – 8 μm ; paired with a slightly smaller sterile fusoid cells.

Cheilocystidia: not observed.

Pileipellis: a trichoderm of cylindric filamentous hyphae 4 - 10 μm diameter.

Habitat: swampy *Melaleuca* forest on sandy soil in land which is sometimes flooded.

Notes: This is a very unusual *Phylloporus*: the cap colour is like that reported for *P. leucomyelinus* but that has decurrent gills, much larger spores and a yellow mycelium.

Collections examined: PL150418, Elanda Point, Pat Leonard, 2 Apr 2018.