

## *Phylloporus* sp 2



*Phylloporus* sp 2 © Pat Leonard

**Cap:** broadly convex; 50 - 90 mm diameter; minutely velutinate; ruby, Victoria plum red (12E8, 12 F8); 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 ± 0.32 × 3.65 ± 0.21, Q = 1.25 – 1.6, average Q = 1.46 ± 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.