

*P. aff. leucomyelinus* Singer



*Phylloporus leucomyelinus* © Ron Pastorino

**Pileus:** convex to pulvinate (cushion like); 28 – 34 mm diameter; subvelutinous becoming rivulose cracked; brownish orange (7C8), rose beige to papyrus.

**Gills:** decurrent; brownish yellow to lemon brown (fide Singer); lamellulae present 1-3, some joined to appear bifurcate.

**Stipe:** tapering towards base; 27 – 35 × 3 – 5mm; minute scales pinpoint size; cocoa brown with a pale yellowish upper half; basal mycelium white.

**Flesh:** buffy white at first; often becoming bright yellow in lower pileus and upper stipe and cinnamon in upper pileus.

**Chemical reactions:** cap strong blue green with NH<sub>4</sub>OH.

**Spore print:** honey brown.

**Spores:** fusoid or subfusiform (boletoid); 10 – 12.5 × 3.3 – 4.5 (fide Singer), 14 - 15.6 × 5.5 - 6.5 μm (fide Watling); honey-coloured, smooth.

**Basidia:** elongate clavate; 40 - 45 × 10 – 11 μm; 4(-2)-spored, hyaline.

**Cheilocystidia:** forming very prominent sterile margin of clavate-elongate, pale honey-coloured, fusiform cylindrical to pedicellate or clavate cells; 40 - 75 × 12 – 17 μm.

**Pleurocystidia:** numerous, clustered towards marginal fringe, many collapsing to give pointed appearance, similar in shape and size to those on margin.

**Pileipellis:** a trichoderm of elongate end-cells 85 - 90 × 7.5 – 12 μm.

**Habitat:** on trackside under mixed eucalypts.

**Collections examined:** BRIP 16133, Warrawonga Research Site, Cooloola Sandmass, Queensland, P. Sequin, 11 Jan 1982; Wat. 11013, Pennant Hills, near Sydney, New South Wales, 8 Apr 1974.

**Notes:** The strong blue green reaction with ammoniacal solutions, and the non-cyanescent, whitish lemon-coloured flesh and white basal mycelium are distinctive. There seems to be considerable variability in cap colour and in spore size amongst the various authors.