

Boletus sp PL41414



Boletus sp PL41414 © Pat Leonard

Cap: planoconvex; 140 – 230 mm diameter; glabrous, shiny when dry; cracking to show yellow (or pink) flesh in cracks; margin retracted from pores.

Stipe: tapering, but sub-bulbous at the base; 100 – 120 × 50 – 60 mm; punctate with chains or red punctae giving an overall red appearance, with a narrow raised red network at the apex.

Pores: sub-decurrent; ochraceous becoming dark red; staining blue on bruising.

Flesh: white; instantly turning dark blue on exposure to air.

Spore print: red ochraceous.

Spores: cylindrical, amygdaliform; 9.2 – 12.3 × 3.1 – 4.5 μm , average 10.6 + 0.8 × 3.8 ± 0.3 μm , Q = 2.16 – 3.51, average Q = 2.82 ± 0.36; smooth.

Basidia: clavate to sub-capitate; 35 – 50 × 5 – 8.5 μm ; four spored; with oil droplets.

Pleurocystidia: flexuous, a bit like cheilocystidia on *Hebelomas*!

Pileipellis: a cutis of rampant hyphae.

Substrate: in dry clay soil on a bank.

Habitat: dry sclerophyll forest with *Eucalyptus* sp.

Notes: the smooth cap and punctate stipe suggest that this may be near *B. punctato-brunneus*, but the cap size, spore colour and blueing of the flesh clearly distinguish this collection.

Collections examined: PL41414, Wilson's Downfall, NSW, Pat Leonard 11 Apr 2014.