

Boletus sp 32



Boletus sp 32 © Pat Leonard

Cap: convex; 55 – 60 mm diameter; slightly greasy, tacky surface when fresh; white becoming pale ochraceous (5A2 5A3) with age; margin entire, neither retracted nor appendiculate.

Stipe: tapering to base; 50 × 14 mm tapering to 7 mm; minutely pubescent, white at first, becoming ochraceous and darker towards the base.

Pores: adnate with a small decurrent tooth; white; ovoid, radially elongated; 1 – 2 per mm; staining ochre on bruising.

Flesh: white, turning ochraceous in cap very slowly.

Smell: pleasant, boletoid.

Taste: mild.

Chemical characters: KOH = nil; FeSO₄ = strong green.

Spore print: mid brown.

Spores: ellipsoid; 6.35 – 7.56 × 3.77 – 5.00 µm, average 6.9 ± 0.33 × 4.57 ± 0.33 µm, Q = 1.3 – 1.7, average Q = 1.52 ± 0.12.

Basidia: clavate; 35 – 45 × 7.5 – 10 µm; mostly two spored.

Cheilocystidia: not seen.

Pleurocystidia: clavate; 30 – 45 × 6 – 9 µm; with dark granular contents.

Pileipellis: an ixocutis; interwoven hyphae gelatinised and with granular contents.

Habitat: dry sclerophyll forest under *Eucalyptus microcorys*.

Notes: in the field this Bolete looks remarkably like *B. carramus*, but the smaller size, distinctly tapering stipe and much smaller spores distinguish it.

Collections examined: PL770318, Chermside Hills Reserve, Pat Leonard, 14 Mar 2018.