

Boletus sp 8



Boletus sp 8 © David Holdom

Cap: shallowly convex to almost applanate; up to 70 mm diameter; minutely lannose, suede like; pale brown (7D4); margin not appendiculate.

Stipe: swollen in the center; fibrillose; pinkish red at the apex, pale brown at the centre and white near the base. Colour of mycelium not observed.

Pores: adnexed; angular, mostly pentagonal; with a red tinge becoming olive brown as the spores mature; bruising blue.

Flesh: bruising blue near pores, pink in cap flesh and ochraceous in stem, becoming darker at base.

Spore print: brown olivaceous.

Spores: amygdaliform; $10.5 - 14.1 \times 4 - 5.6 \mu\text{m}$, average $12 \pm 1.1 \times 4.75 \pm 0.4 \mu\text{m}$, $Q = 2.1 - 3.1$, average $Q = 2.54 \pm 0.24$; thick walled, with yellow brown contents in KOH.

Basidia: clavate; $25 - 35 \times 7 - 8 \mu\text{m}$, 1, 2, 3, and 4 spored basidia seen accounting for the broad range of spores sizes.

Pleurocystidia: clavate; $25 - 35 \times 6.5 - 8.5 \mu\text{m}$

Pileipellis: a trichoderm.

Substrate: soil.

Habitat: growing alongside a track in dry sclerophyll forest close to Stringybarks and other *Eucalyptus* species.

Notes: This bolete is close to Watling and Li's *Boletus* sp 8 and the microscopic features match well. It is xerocomoid. The specimen collected was mature and the colours of the pores when young was not determined.

Collections examined: PL38413, Texas road, 10 km from Stanthorpe, David Holdom, 9 Apr 2013.