

Boletus aff magnificus



Boletus aff magnificus © Pat Leonard

Cap: convex; 60–80 mm diameter, velutinate; brownish orange (7C7) with bright red showing through where damaged or eaten by insects; distinct pale margin.

Stipe: clavate; 40–50 × 12–25 mm; distinctly punctate; pale yellow covered in small red punctae, appearing red at apex but paler below.

Pores: adnate; minute; pale orange.

Flesh: white; firm, reddening or browning somewhat on bruising.

Spore print: not obtained.

Spores: amygdaliform; $10.6\text{--}15.2 \times 3.6\text{--}5.8 \mu\text{m}$, average $12.3 \pm 1.4 \times 4.3 \pm 0.6 \mu\text{m}$; $Q = 2.2\text{--}4$, average $Q = 2.9 \pm 0.5$.

Basidia: inconspicuous, small, 4-spored.

Pleurocystidia: not observed.

Pileipellis: a trichoderm of interwoven hyphae.

Habitat: growing in very mixed forest on the edge of a waterhole with *Eucalyptus* and *Allocasuarina* present.

Notes: This medium-sized bolete with a velutinate brownish orange cap and red punctate stipe should be easy to recognise in the field. This collection matches Watling and Chiu except that the flesh is almost white at first and there was no sign of blueing. Chiu has transferred *B. magnificus* to the genus *Sutorius*; this collection also exhibits the punctate stipe characteristic of that genus but has a quite distinct colour combination.

Collections examined: PL104310, Dr Roberts Track, Girraween National Park, Pat Leonard, 22 Mar 2010.