

Boletus rufo-aureus



Boletus rufo-aureus © Pat Leonard

Cap: convex; to 55 mm diameter; suede like; bright reddish orange (7B8) with a brighter margin which is entire.

Stipe: clavate; 70 × 30 mm; more or less smooth; marbled with darker and lighter patches of orange; mycelium white.

Pores: not really poroid, slotted; paler orange than cap.

Flesh: pale orange; unchanging.

Spore print: not obtained.

Spores: boletoid, amygdaliform; 7.6 – 11.1 × 3.6 – 4.9 μm, average 9.6 ± 1.05 × 4.3 ± 0.4, Q = 2.2 ± 0.16; thin walled.

Basidia: short.

Cheilocystidia:

Pleurocystidia:

Pileipellis: a trichoderm.

Substrate: in sandy soil.

Habitat: In mixed woodland with *Melaleuca*, *Allocasuarina* and *Eucalyptus*, but nearest to *Callitris*!

Notes: This appears to be very close to Corner's *Boletus rufo-aureus* described from Sarawak. The spores are somewhat smaller, but there were few spores and this collection may have been immature. Corner described the pores as 'subcircular', in this collection they appear 'slotted', but it was somewhat immature. His description of the stipe as having orange yellow particles fits this collection well.

Collections examined: PL52413, Arthur Harold Reserve, Cooloola, Great Sandy N.P., Pat Leonard, 12 Apr 2013.