

Boletus species 2



Boletus sp 2 © Pat Leonard

Cap: convex, 100 mm diameter, glabrous, red brown to chestnut (8D8, 9D7), margin not appendiculate.

Stipe: attenuated towards base; 100 × 15 - 20 mm; striate; lemon to ochraceous above, red (9B6) below.

Pores: adnate, ochraceous becoming yellowish green ± hexagonal, 2 per mm.

Flesh: white in cap and upper stipe, with a dark red patch in the lower stipe, blueing strongly on and around the pores and in the upper stipe and cap, eventually turning an olivaceous black.

Spore print: olive-brown.

Spores: boletoid; 10 - 12 × 4 - 6 μm; Q = 2.2 +, not ornamented.

Cystidia: ampuliform or lageniform; 8 - 10 μm wide but less than 2 μm at apex of the ampuliform ones.

Pileipellis: a cutis of yellowish brown hyphae 6 - 8 μm wide.

Habitat: growing singly in the ground amongst litter under *Syncarpia glomulifera*.

Notes: Watling describes this species on the basis of material from Manly, the current collection matches that well. This species is characterised by its dark reddish brown, smooth, glabrous cap, its rapidly blueing pores and the dark red colouration of the flesh in the base of the stipe.

Collections examined: PL 91108, Mapleton Forest, Mapleton, 26 Nov 08