

Boletellus sp 10



Boletellus sp 10 © Pat Leonard

Pileus: convex; 30–50 mm diameter; velutinate with fibrous felty scales; pale brownish orange (5C5) scales; areolate cracking; margin retracted from pores.

Stipe: weakly clavate; 40 × 5 mm; pale brown background covered in fibrillose, dark brown to almost black vertical striations.

Pores: adnexed with a decurrent tooth; irregular but somewhat radially elongated; dark brown; extending well below the cap margin.

Flesh: whitish, blueing strongly in cap and pores and turning beetroot red in stipe on exposure to air.

Spore print: olivaceous brown.

Spores: amygdaliform; 13–18.4 × 4.6–6.1 µm, average 15.9 ± 1.3 × 5.95 ± 0.6 µm; Q = 2.15–3.7, average Q = 2.7 ± 0.6; with small cross striae.

Basidia: 4-spored, c. 33 × 11 µm, reviving with difficulty.

Pleurocystidia: ventricose rostrate, thin-walled, 45–63 × 9.6–16.5 µm, apex 5.5 µm broad, with dark, honey-coloured contents.

Pileipellis: a tangled mass of ± radially arranged, hyaline, smooth or irregularly minutely ornamented, cylindric hyphae 5.5–7 µm, constricted at septum with rounded, slightly differentiated end-cells, 11–16.5 µm broad, with some groups erect and forming an irregular surface, passing downwards into anastomosing hyaline hyphae of indistinct pileus-trama.

Substrate: fruiting on the trunk of a living tree.

Notes: a small, dark brownish orange *Boletellus* with a convex cap retracted from the pores and blueing in the cap tissues and reddening in the stipe should be recognizable in the field.

Collections: CH018, Chermside Hills, Brisbane, 31 Mar 2012; 'The Green Scrub' at Bilpin via Mountain Lagoon, New South Wales, Coveney, 7 May 1978.