

Boletus sp PL30410

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Boletus sp PL 30410 © Pat Leonard

Cap: convex; 45 mm diameter; velutinate; chestnut brown (8F8); margin retracted at maturity to expose pores.

Stipe: clavate; 50 × 5 – 10 mm; strongly striate; beetroot red becoming brown.

Pores: yellow at first becoming mustard and bruising blue.

Flesh: off white in upper cap, becoming redder as one descends stipe; blueing strongly on exposure to air, but fading to reddish brown after 30 minutes.

Taste:

Chemical reactions:

Spores: boletoid; 12 – 14.2 × 4.7 – 6.4 μm, average 13.4 ± 0.7 × 5.6 ± 0.5 μm; Q = 2.1 – 2.8, average 2.4 ± 0.2. Spores with guttules and some faintly striate at ×1000.

Basidia: narrowly clavate; four spored.

Pleurocystidia: not seen.

Pileipellis: a trichoderm.

Habitat: growing on wood or at least above ground level on *Syncarpia* in wet sclerophyll forest.

Notes: although this keys to *Boletus* cf. *spadiceus* in Watling, it has larger spores and is not the same fungus as he describes from Mount Field in Tasmania. Watling mentions that there are two other blueing boletes to be found in Queensland and this may be one of those he refers to.

Collections examined: PL30410, Linda Garret Reserve, Mapleton, Sapphire McMullan Fisher, 10 April 2010.