

Boletus sp 19



Boletus sp 19 © Pat Leonard

Cap: applanate; up to 70 mm diameter; felty; beetroot red (12 F 8) with a darker centre, becoming bleached brown with age; margin slightly retracted.

Stipe: cylindrical but attenuated at apex and base; 60 × 15 mm; beetroot red over paler pink ground; fibrillose but not reticulate; darkening on handling.

Pores: adnexed; small, rounded; orangey yellow; blueing rapidly on touching.

Flesh: white in cap and upper stipe, blue green on exposure to air, then fading; beetroot red and striate in stipe.

Spore print: not obtained.

Spores: fusoid, elongate; 11.4 – 12.6 × 4.1 – 5.1 µm, average 11.9 ± 4 × 4.5 ± 0.3 µm, Q = 2.37 - 3.07, average Q = 2.65 ± 0.2.

Cheilocystidia: none seen.

Pileipellis: a trichoderm.

Habitat: solitary in wet sclerophyll forest under *Eucalyptus* sp.

Notes: readily keyed to genus, this collection does not key to species in Watling and Li. The felty cap, blueing pores and beetroot red flesh in the stipe would appear to be distinctive. See *Boletus* aff *spadiceus* which is close.

Collections examined: PL 6609, Mapleton Forest, Pat Leonard, 6 Jun 09; PL24313, Twin Waters Resort, Sunshine Coast, Pat Leonard, 6 Mar 2013; BT61, Clark's Farm, Bellthorpe, Pat Leonard, 16 Mar 2014.