

Boletus aff luridus



***Boletus aff luridus* © Pat Leonard**

Cap: convex; 30–60 mm diameter; glabrous, somewhat greasy; orange to chestnut to red, greyish ruby (12D7); margin appendiculate.

Stipe: cylindrical but thickened towards the middle; striate pointillate with red dots and striations on a paler background.

Pores: adnexed; very small, yellow, bruising instantly blue on damage.

Flesh: yellow in cap and stipe but with beetroot-red zone at base of stipe; instantly bright blue on cutting, turning dark blue after 5 minutes then finally greyish black.

Smell: pleasant, boletoid.

Spore print: scarce, olivaceous brown.

Spores: fusoid; $12.5 \times 4.5 \mu\text{m}$.

Basidia: not examined.

Cheilocystidia: not examined.

Pleurocystidia: not examined.

Pileipellis: not examined.

Habitat: in parkland derived from Wallum, under *Melaleuca*.

Notes: the cap and stipe colours, shape and bluing reaction are all like the European *Boletus luridus*. But there are several differences, notably the pore colour which is yellow rather than red. This is not thought to be an introduction.

Collections examined: PL940317, Twin Waters, Maroochydore, Pat Leonard, 21 Mar 2017.