

Austroboletus lacunosus



Austroboletus lacunosus © Pat Leonard

Pileus: convex; 20 - 60 mm diameter; viscid when wet; soft, pulvinate; pale tan to apricot to red brown coloured (7B7); margin appendiculate; veil present.

Stipe: cylindrical; 30 - 100 × 7 - 15 mm, broadly cylindrical with a pronounced lacunose reticulum.

Pores: adnexed, excavated around the apex; large (to 1.5 mm), angular, white turning pinkish rose with age.

Flesh: soft, white, unchanging on exposure to air.

Spore print: brown.

Spores: amygdaliform (almond shaped); 15.5 - 20 × 8 - 9.5 µm; with a central band of punctate pegs, ends smooth.

Basidia: clavate; 30 - 40 × 13.5 - 17.5 µm.

Cystidia: lageniform; 75 - 95 × 12 - 24 µm; characteristically uniseptate.

Pileipellis: a poorly defined cutis.

Habitat: on sandy soil with *Eucalyptus* and *Melaleuca* species.

Notes: easily recognised by the pale tan to red brown viscid cap, pale pink pores and stipe with a prominent viscid brown network. The above description by Cooke and Masee is based on material collected by Bailey in Queensland, expanded by McNabb for New Zealand material. Much subsequent discussion by Stevenson, McNabb, Horak, Wolfe, and May & Wood has led to name changes, but not to a full and formal redescription of Australian material.

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