

Austroboletus sp 'Brown'



Austroboletus sp 'Brown' © Pat Leonard

Cap: irregularly convex; to 70 mm diameter; foxy red brown (8D6-8, 8E8); viscid to greasy, with small irregular flocks on a white background; margin entire and retracting from pores.

Stipe: cylindrical; 70–90 × 8–12 mm; pale fawn with a deep red-brown reticulum.

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

Pores: deeply adnexed to almost free; radially elongated at centre; pale at first, becoming dull brown to pinkish purple; mostly pentagonal; 2–3 per mm.

Spores: broadly fusoid with an ornamented central band; 12.1–16.1 × 6.7–9.7 μ m; average 14.7 ± 1.05 × 8.2 ± 0.6, Q = 1.38–2.4, average Q = 1.82 ± 0.2; thick-walled.

Basidia: not observed.

Cheilocystidia: not seen.

Pileipellis: trichoderm made up of narrow brown hyphae with few septa.

Habitat: growing in humus on an old log about 30 cm above ground level, in Wallum woodland dominated by *Callitris* and *Allocasuarina*.

Notes: this collection keyed to *Austroboletus* sp. 1, described by Watling from a single collection in Cooloola.

Collections examined: PL37409, Noosa National Park, Marcus Beach section, Pat Leonard, 10 Apr 2009; PL0417, Mapleton Forest, Pat Leonard, 4 Apr 2017.