

Boletellus reminiscens



Boletellus reminiscens © Pat Leonard

Cap: convex; 35 mm diameter; velutinate, becoming rimose (cracking) towards the margin to reveal pale pink flesh; dark brown at centre, paler brown near margin (7F7, 7D4); margin not appendiculate.

Stipe: clavate; 45 – 55 × 8 – 12 mm; striate but not fibrillose, striae made up of lines of small punctae, apex ± glabrous; yellowish at apex, brown floccules and punctae in central section, dark red at base.

Pores: adnexed; small, pentagonal to elongated ellipsoid pentagonal; pale golden yellow and bruising blue.

Flesh: firm, white, but with pinkish red tinge under cap and dark red in lower 1/3rd of stipe; blueing strongly on exposure to air.

Smell: pleasant, boletoid.

Spores: brown; fusoid; 11.3 – 15.8 × 4.4 – 6.1 µm, average 13.5 ± 1.17 × 5.1 ± 0.5 µm, Q = 2.05 – 3.04, average Q = 2.64 ± 0.28; distinctly longitudinally striate.

Basidia: broadly clavate; 30 – 45 × 10 – 15 µm; 2 and 4 spored.

Pleurocystidia: langeniform; 45 – 60 × 8 – 12 µm; thick walled at least at apex, with oily contents subdividing the cells and making them appear almost septate.

Pileipellis: a confused trichoderm of cylindrical hyphae 10 – 18 µm wide, ends rounded or somewhat acute.

Substrate: growing about 30 cm above the ground in a mossy stump in an area dominated by Eucalyptus.

Habitat: wet Eucalyptus forest with *Eucalyptus microcorys* and *Lophostemon confertus*.

Notes: a small *Boletellus* with strongly blueing flesh which keys out to species 8 in Watling. This appears to match Halling & Fechner's recently described *Boletellus reminiscens*.

Collections examined: PL12312, Maroochy Bushland Botanic Garden, Sunshine Coast, Pat Leonard, 11 Mar 2012.