

Austroboletus roseialbus



Austroboletus roseialbus © Roy Halling

Cap: convex to applanate, 30 – 50 mm diameter; viscid to glutinous at first, becoming velutinate and areolate as upper surface breaks into plaques; white with pale pink tints.

Stipe: cylindrical; 70 – 80 × 5 – 7 mm; slightly viscid; reticulate; white.

Pores: adnexed; white; becoming vinaceous pink as the spores mature.

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

Smell: not recorded.

Taste: bitter.

Chemical characters: not recorded.

Spore print: not recorded.

Spores: amygdaliform; 11.2 – 14 × 6.3 – 7 µm, average 12.3 × 6.7 µm, average Q = 1.85; coarsely ornamented with ridges warts and pits in the central section.

Basidia: broadly clavate; 28 – 35 × 10 – 14 µm; four-spored.

Cheilocystidia: similar to pleurocystidia.

Pleurocystidia: fusoid; rostrate; 35 – 60 × 4 – 12 µm; thin-walled.

Pileipellis: an irregular trichoderm of hyphae 5 – 12 µm broad.

Habitat: in wet sclerophyll forest with *Eucalyptus*, *Angophora*, *Syncarpia* and *Allocasuarina*.

Notes: this species is so far known only from New South Wales. It is distinguished from *Austroboletus niveus* by its pink tones in the cap and shorter spores.

Collections examined: