

Russula sp 41607



Russula sp 41607 © Pat Leonard

Cap: applanate to centrally depressed; to 40 mm diameter; minutely velutinate with a whitish bloom in the centre; poster red (11C7, 11C8), margin entire; up to ¼ peeling.

Stipe: cylindrical with a slight taper at the base; 40 × 10 mm; glabrous; white, with a pale red flush.

Gills: adnate, white.

Flesh: white, unchanging on exposure to air.

Taste: mild.

Chemical reactions: FeSO₄ on stipe: salmon; guaiac on stipe base: nil to + slightly positive pale olive after 5 minutes.

Spore print: white.

Spores: globose to subglobose; 6.3-7.6 × 5.6-7.7 μm, average 7 (± 0.75) × 6.4 (± 0.73) μm, Q = 1.11 (± 0.07); with amyloid short ridges, blunt warts and some connectives forming a partial reticulum.

Basidia: clavate; 25 × 7-9 μm; four spored.

Cheilocystidia: none seen.

Pleurocystidia: fusoid; thick walled; hyaline; 65-70 × 12-15 μm; distinctly rostrate.

Dermatocystidia: absent.

Pileipellis: an epicutis of repent hyphae, with upright multiseptate acuminate hyphae emerging from surface.

Habitat: usually singly or in pairs in dry sclerophyll forest with *Eucalyptus*.

Notes: this *Russula* is very similar to *R. sp 4*, from which it differs by the smaller stature, more intense cap colour, the lack of a striate edge and the slightly smaller and more globose spores.

Collections examined: PL 66607, Maroochy Bushland Botanic Garden, Pat Leonard, 28 Jun 07.