

Russula sp 20708



Russula sp 20708 © Pat Leonard

Cap: shallowly convex becoming centrally depressed; 15 - 20 mm diameter; almost glabrous on outer 1/3 radius but densely lanose in central 2/3rds; greyish red, pastel red (11D5) at margin, violet brown (11E5) in central 2/3rds; margin entire.

Stipe: tapering towards base; 15 - 20 × 4 mm; glabrous; white, becoming ochraceous at base.

Gills: adnate; cream; lamellulae absent.

Flesh: white, unchanging on exposure to air.

Taste: mild to slightly radish, but not hot.

Chemical reactions: FeSO₄ on stipe: salmon; guaiac on stipe base: nil.

Spore print: cream.

Spores: subglobose; 6.7 - 8.8 × 6.5 - 8 μm, average 7.6 (± 0.35) × 7.1 (± 0.22) μm, Q = 1.01 - 1.13, average Q = 1.08 (± 0.05); echinulate with amyloid blunt warts to 1.5 μm, possibly some very fine connectives.

Basidia: clavate; 25 - 30 × 10 - 13 μm; four spored.

Cheilocystidia: not observed.

Pleurocystidia: fusoid to clavate with blunt mucronate apices; 25 - 55 × 8 - 12 μm; hardly extending beyond basidia

Dermatocystidia: absent.

Pileipellis: a trichoderm of long slender septate hyphae, 200 - 250 × 5 - 10 μm.

Habitat: singly in we schlerophyll forest under *Eucalyptus*.

Notes: a very small pastel red *Russula* with a lanose cap and white stipe should be easy to recognise in the field and yet there are only two collections. AY1091 may also belong here although field description is brief.

Collections examined: PL20708, Maroochy Bushland Botanic Garden, Pat Leonard, 22 Jul 08; PL3311, Linda Garrett Forest, Mapleton, Queensland, Megan Prance, 26 Mar 2011; AY 1091, Bunya Mountains National Park, Tony Young, 27 Jan 87; BT55, Clark's Farm, Bellthorpe, Ix Nguyen, 16 Mar 2014..