

Russula sp PL 1310



Russula sp PL 1310 © Pat Leonard

Cap: applanate to centrally depressed; to 90 mm diameter; glabrous, sticky when wet; pinkish red in outer half with a yellow cream centre; up to ¼ peeling; margin downturned, somewhat scalloped.

Stipe: cylindrical; solid; 50 × 25 mm; glabrous; white.

Gills: adnexed; crowded; white; lamellulae rare.

Flesh: white, unchanging on exposure to air.

Taste: mild with a faint raphanoid component.

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

Spore print: cream.

Spores: broadly ellipsoid; 7.1 – 8.9 × 6.2 – 7.8 µm, average 7.8 ± 0.5 × 6.9 ± 0.4 µm; Q = 1.04 – 1.23, average 1.13 ± 0.06; amyloid ridges joining blunt warts to form a complete reticulum.

Basidia: clavate; four spored; 35 – 45 × 10 – 12 µm.

Cheilocystidia: not observed.

Pleurocystidia: narrowly clavate; thin walled; 30 – 50 × 8 – 12 µm.

Dermatocystidia: absent

Pileipellis: not observed

Habitat: growing in a small group in wet sclerophyll forest with *Eucalyptus pilularis*.

Notes: a very distinctive species, with a cap somewhat reminiscent of *Russula velenovskyi*, but that species has echinulate spores.

Collections examined: PL 1310, Maroochy Bushland Botanic Garden, Pat Leonard, 6 March 2010.