

Russula sp PL1712



Russula sp PL1712 © Pat Leonard

Cap: convex with a central depression; 50 – 65 mm diameter; glabrous; pale lilac (15C3) with an ochraceous centre; $\frac{1}{2}$ to $\frac{3}{4}$ peeling; margin entire.

Stipe: cylindrical, slender; 50 – 60 × 8 – 10 mm; glabrous; white with a pale pink (11A3) tint.

Gills: adnexed; cream, lamellulae absent.

Flesh: white, somewhat fragile, unchanging on exposure to air.

Taste: mild.

Smell: none.

Chemical reactions: FeSO₄ on stipe: salmon; guaiac on stem base: negative.

Spores: pale cream (IIa); 8.8 – 10.5 × 7 – 9.3 μm , average 9.7 ± 0.5 × 8.3 ± 0.55 μm , Q = 1.03 – 1.28, average Q = 1.17 ± 0.07; subglobose to broadly ellipsoid, with amyloid ornamentation of isolated blunt warts and some connectives.

Basidia: fusiform; 35 – 45 × 9 – 11.5 μm ; four-spored.

Cheilocystidia: not observed.

Pleurocystidia: fusiform; 75 – 90 × 10 – 13.5 μm ; thin-walled; rounded to pointed apices.

Pileipellis: an irregular trichoderm with some long terminal hyphae extending beyond the general level of the pellis; dermatocystidia absent.

Habitat: in wet sclerophyll forest under *Eucalyptus microcorys*.

Notes: This collection is close to the purple form of *R. clelandii*, but it has different cap colours and larger spores so is possibly distinct.

Collections examined: PL1712, Maroochy Bushland Botanic Garden, Pat Leonard, 17 July 2012.