

## *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:** FeSO<sub>4</sub> on stipe: salmon; guaiac on stem base: negative.

**Spore print:** pale cream (IIa).

**Spores:** subglobose to broadly ellipsoid; 8.8 – 10.5 × 7 – 9.3  $\mu$ m, average 9.7 ± 0.5 × 8.3 ± 0.55  $\mu$ m, Q = 1.03 – 1.28, average Q = 1.17 ± 0.07; with amyloid ornamentation of isolated blunt warts and some connectives.

**Basidia:** fusiform; 35 – 45 × 9 – 11.5  $\mu$ m; four spored.

**Cheilocystidia:** not observed.

**Pleurocystidia:** fusiform; 75 – 90 × 10 – 13.5  $\mu$ m; 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.