

## *Russula* sp 17509

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*Russula* sp 17509 © Pat Leonard

**Cap:** applanate to centrally depressed; 50 mm diameter; glabrous becoming areolate; purplish rose (13D6); margin entire; peeling less than ¼ radius.

**Stipe:** cylindrical; 20 × 10 mm; hard, glabrous; pale rose (13B5).

**Gills:** adnate, white, no lamellulae.

**Flesh:** white, unchanging on exposure to air.

**Taste:** mild.

**Chemical reactions:** FeSO<sub>4</sub> on stipe: salmon; guaiac on stipe base: n.r.

**Spore print:** white.

**Spores:** ellipsoid; 7.3 - 9.7 × 6.2 - 7.8 µm, average 8.2 ± 0.8 × 6.8 ± 0.5, Q = 1.2; apiculus prominent, 2 µm; with strong short amyloid ridges and finer amyloid lines forming a complete reticulum.

**Basidia:** clavate; 40 - 50 × 10 - 12 µm; two and four spored, sterigmata 6 - 8 µm.

**Cheilocystidia:** fusiform, thin walled, 65 × 10 µm.

**Pleurocystidia:** as cheilocystidia.

**Dermatocystidia:** absent.

**Pileipellis:** and irregular trichoderm with terminal hyphae slightly clavate at apex, overlaying a subpellis of ovoid and irregular cells.

**Habitat:** singly in dry sclerophyll forest with *Eucalyptus*.

**Notes:** this relatively small purplish rose *Russula* is characterised by a cap which is much wider than the height of the stipe, and it has reticulate spores. It appears to be undescribed.

**Collections examined:** PL17509, Wallerawang, Pat Leonard, 24 May 2009.