

Russula sp 14



Russula sp 14 © Pat Leonard

Cap: convex, later centrally depressed; 50 - 60 mm diameter; surface rimose; pinkish white (11A2, 9A2) with paler patches, margin acute, very faintly striate; ¼ to ½ peeling.

Stipe: cylindrical to tapering; 40 × 15 mm; glabrous, white.

Gills: adnate; pale cream; greasy flexible as in *R. cyanoxantha*; lamellulae present in one series.

Flesh: creamy white, unchanging on exposure to air.

Taste: mild.

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

Spore print: pale cream, Ia, IIb.

Spores: subglobose; 5.8 - 7.3 × 5.4 - 6.3 μm, average 6.7 (± 0.4) × 5.9 (± 0.3) μm, Q = 1.12 - 1.27, average Q = 1.1 (± 0.06); ornamentation of low (< 0.5 μm) blunt amyloid warts and some connectives forming a partial reticulum.

Basidia: clavate; 30 - 35 × 7 - 8 μm; two spored.

Cheilocystidia: narrowly clavate; 40 - 50 × 7 - 9 μm; some with mucronate apices.

Pleurocystidia: similar to cheilocystidia.

Dermatocystidia: scarce, vermiform.

Pileipellis: an irregular trichoderm of rounded septate and fusoid hyphae with inflated base cells.

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

Notes: This blotchy pinkish *Russula* is superficially like the European *R. cyanoxantha* both in its blotchy appearance and flexible gills, but has a white stipe and smaller spores.

Collections examined: PL 91208, Maroochy Bushland Botanic Garden, Pat Leonard, 8 Dec 08; PL 32308; Maroochy Bushland Botanic Garden, Pat Leonard, 30 Mar 08; PL80313, Linda Garrett, Pat Leonard, 16 Mar 2013.