

Russula sp 17



Russula sp 17 © Pat Leonard

Cap: convex with a shallow central depression; to 65 mm diameter; rose (10C4) with paler patches; dry, pruinose, minutely aereolate; margin entire, up to ¼ peeling.

Stipe: cylindrical; 40 × 15 mm; pink (10B4) on upper 2/3rds, white at base; dry, glabrous; very hard.

Gills: adnate, crowded; cream; lamellulae absent.

Flesh: white, unchanging on exposure to air; very firm

Taste: mild to very slightly hot.

Smell: fruity.

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

Spore print: cream.

Spores: ellipsoid; 6 – 7.4 × 4.9 – 5.8 µm, average 6.7 (± 0.45) × 5.45 (± 0.33) µm, Q = 1.08 – 1.31, average Q = 1.23 (± 0.07); hardly amyloid, with very faint fine lines and a few warts.

Cheilocystidia: clavate; 45 – 90 × 10 – 12 µm.

Pleurocystidia: clavate or utriform with a mucronate apex; 40 – 85 × 9 – 12.5 µm.

Dermatocystidia: absent

Pileipellis: a trichoderm.

Habitat: growing singly in Wallum woodland, probably associated with *Melaleuca quinquenervia*.

Notes: a robust rose-coloured *Russula* which is defined by its hardly amyloid spores, which are barely ornamented by a few very fine lines and a few warts.

Collections examined: PL14409, Noosa National Park, Marcus Beach section, Patrick Leonard, 10 April 2009.