

Russula sp PL 84310



Russula sp PL 84310 © Megan Prance

Cap: applanate; to 15 mm diameter; velutinous, deep purplish red with a pink margin and almost black centre; less than ¼ peeling, margin entire.

Stipe: flattened with a wider apex; 20 × 5 mm; glabrous; pale pink at apex and base.

Gills: adnate; crowded; white; lamellulae absent.

Flesh: white, unchanging on exposure to air.

Taste: slightly hot.

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

Spore print: white.

Spores: broadly ellipsoid; 7.7 – 8.8 × 6.4 – 7.7 µm, average 8.1 ± 0.4 × 6.9 ± 0.4 µm; Q = 1.08 – 1.27, average 1.2 ± 0.05; blunt low amyloid warts and fine connectives forming a complete reticulum.

Basidia: clavate; four spored; 40 – 55 × 10 – 12 µm; sterigmata short, < 4 µm.

Cheilocystidia: fusoid; 45 – 60 × 8 – 12 µm

Pleurocystidia: fusoid, thin walled; 30 – 50 × 8 – 12 µm.

Dermatocystidia: absent.

Pileipellis: an irregular trichoderm.

Habitat: growing singly in wet sclerophyll forest with *Eucalyptus pilularis*.

Notes: a very small species, with a very brightly coloured cap and finely reticulate spores. May be the same as *R. sp* PL83310!

Collections examined: PL 84310, Palm Woods National Park, Mount Tambourine, Megan Prance, 21 March 2010.