

Russula sp 15609

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Russula sp 15609 © Pat Leonard

Cap: convex; up to 30 mm diameter; velutinate; dark plum, red brown, (12F7, 12F8), margin entire, ¼ to ¾ peeling.

Stipe: cylindrical, attenuated at base; 30 × 8 mm; lannose; white with pink wash at base.

Gills: adnate; pale cream; some interveining; lamellulae absent.

Flesh: white, unchanging on exposure to air.

Taste: mild.

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

Spore print: white to pale cream, Ib.

Spores: ellipsoid; 6.1 - 7.4 × 5.3 - 6.3 μm, average 6.8 ± 0.46) × 5.8 (± 0.34) μm, Q = 1.17 (± 0.08); amyloid blunt warts to 1.5 μm and a few connectives, not reticulate.

Basidia: clavate; 30 - 40 × 10 - 14 μm; four spored.

Cheilocystidia: fusiform; 70 - 80 × 12 - 15 μm; hyaline; apices mainly rounded a few acute.

Pleurocystidia: fusiform, extending 25 μm beyond basidia; 55 - 80 × 10 - 15 μm; hyaline.

Dermatocystidia: absent.

Pileipellis: a hymenium of repent and some upright hyphae septate with acute terminal cells.

Habitat: mostly solitary in soil and litter in wet sclerophyll forest with *Eucalyptus* species.

Notes: a small *Russula* with a convex felty deep plum coloured cap and distinctly cream gills, spores are relatively small, could be a variant of *R.* sp 6.

Collections examined: PL 15609, Maroochy Bushland Botanic Garden, Pat Leonard. 20 Jun 09.