

Russula sp PL45411



Russula sp PL45411 © Megan Prance

Cap: convex to broadly convex; 45 – 65 mm diameter; glabrous, greasy; livid vinaceous with olivaceous tones (15C6, 30C4); margin entire; a ¼ to ½ peeling.

Stipe: tapering towards base; 25 × 10 mm; glabrous, white; very hard.

Gills: adnexed; cream; lamellulae absent.

Flesh: white, unchanging on exposure to air.

Taste: mild.

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

Spore print: white.

Spores: subglobose; 7.4 – 8.9 × 6.6 – 8.3 µm, average 8.2 ± 0.45 × 7.4 ± 0.4 µm, Q = 1.01 – 1.22, average Q = 1.11 ± 0.06; ornamented with small weakly amyloid verrucae.

Basidia: clavate; 45 – 55 × 9 – 11 µm; 2-, 3- and 4-spored basidia present.

Cheilocystidia: not seen.

Pleurocystidia: clavate and thin-walled, as pseudocystidia; 40 – 50 × 7 – 10 µm.

Dermatocystidia: absent.

Pileipellis: a cutis of narrow interwoven hyphae.

Habitat: growing singly in open Eucalypt forest dominated by *Eucalyptus andrewsii*.

Notes: this vinaceous to pink *Russula* with olivaceous tones and a white stipe is somewhat like *R. aff cyanoxantha* from WA, but it has smaller and less-ornamented spores which are white rather than yellow.

Collections examined: PL45411 (GIR63) Underground Creek Track, Girraween N.P., John Dearnaley, 16 Apr 2011.