

Russula sp CH024



Russula sp CH024 © Megan Prance

Cap: planoconvex to centrally depressed, 40 – 60 mm diameter; glabrous; greyish red to brownish orange (6C5); margin entire.

Stipe: tapering towards base, hollow; 30 × 10 – 12 mm; glabrous; white.

Gills: subdecurrent, crowded; pale fawn; lamellulae absent.

Flesh: thin, white.

Taste: mild.

Smell: none.

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

Spore print: pale cream.

Spores: ellipsoid; 6.3 – 8.1 × 5.1 – 6.8 μm, average 7.36 ± 0.5 × 6 ± 0.5 μm, Q = 1.01 – 1.43, average Q = 1.23 ± 0.1; weakly amyloid ornamentation of small warts and very fine lines.

Basidia: narrowly clavate; 25 – 32 × 5.5 – 7 μm; four spored.

Cheilocystidia: fusiform; thick walled; 55 – 70 × 10 – 13 μm; scarce.

Pleurocystidia: not seen.

Dermatocystidia:

Pileipellis: an ixocutis.

Habitat: in dry sclerophyll forest under *Eucalyptus*.

Notes: closest to *R. cheelii*, but not an exact match.

Collections examined: CH024, Chermside Hills Reserve, Brisbane, Pat Leonard, 31 mar 2012.

