

Russula sp 69408



Russula sp 69408 © Pat Leonard

Cap: convex; 26 mm diameter; felty; dark magenta (12F8, 12E8); margin entire; hardly peeling.

Stipe: cylindrical; 30 × 8 mm; pale magenta on cream; colour made up of punctae and small areolate patches that appear to have broken up revealing cream flesh below.

Gills: adnate; cream; no lamellulae.

Flesh: cream, unchanging on exposure to air.

Taste: mild.

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

Spore print: pale cream (Ib).

Spores: subglobose; 6 - 7.4 × 5.3 - 6.5 μm, average 6.8 (± 0.45) × 5.8 (± 0.34) μm, Q = 1.16 (± 0.05); ornamented with strongly amyloid blunt warts to 1.5 μm giving an echinulate appearance; connectives rare.

Basidia: clavate with a strongly tapering base; 25 - 30 × 9 - 12 μm; four spored.

Cheilocystidia: numerous, broadly fusiform, mucronate; 50 - 65 × 10 - 14 μm; hyaline; thick walled.

Pleurocystidia: langeniform, mucronate; 60 - 70 × 7 - 14 μm; hyaline, thick walled.

Dermatocystidia: absent.

Pileipellis: complex trichoderm with some emergent acuminate hyphae which stain weakly in sulphovanilin.

Habitat: found singly growing with *Eucalyptus microcorys*.

Notes: this small magenta *Russula* with a felty cap and pale magenta stipe is quite well defined microscopically, but may be a variant of *R. sp 5*.

Collections examined: PL 69408, Baroon Point, Montville, Pat Leonard, 21 Apr 08.

