

Russula aff luteotacta



Russula aff luteotacta © Jeff Wright, Queensland Museum

Cap: plano convex becoming centrally depressed; 30 – 65 mm diameter; slightly viscid when wet, minutely felty and matt when dry; pale hazel with a grey olivaceous tint; margin entire.

Stipe: cylindrical, stuffed; 50 × 10 – 15 mm; glabrous; white, but slowly bruising bright yellow on handling.

Gills: adnexed; thin, crowded; white to off white, slowly bruising yellow. lamellulae absent (?).

Flesh: white, strongly discolouring yellow on exposure to air in pellis and stipe edges.

Taste: Mild.

Chemical reactions: FeSO₄ on stipe: not recorded; guaiac in stipe: not recorded.

Spore print: white.

Spores: subglobose; 5.8 – 8.3 × 4.9 – 7.4 µm, average 6.7 ± 0.6 × 5.8 ± 0.5 µm; Q = 1.11 – 1.24, average 1.17 ± 0.06; covered with fine amyloid warts and a faint connectives making a weak reticulum; apiculus oblique, hyaline, to 1.5 µm, subhilar appendage absent

Basidia: clavate; four spored; 35 – 50 × 8 – 12 µm, sterigmata 4 – 5 µm long.

Cheilocystidia: narrowly clavate, 40 – 55 × 7 – 9 µm.

Pleurocystidia: similar to cheilocystidia.

Pileipellis: a weak trichoderm with numerous dermatocystidia; clavate with irregular sides and uniseptate to multiseptate.

Habitat: singly in rainforest with scattered *Eucalyptus pillularis*.

Notes: the yellow staining on bruising is very characteristic of the European species *R. luteotacta*, but the current collection differs in the colour of the cap, size of spores, and mild taste, so it may not be related. This is an undescribed *Russula*.

Collections examined: SMF 3, Linda Garrett Reserve, Mapleton, Sapphire McMullan Fisher, 15 January 2010.

QUEENSLAND FUNGAL RECORD © Queensland Mycological Society

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