

Marasmius sp ‘dimpled buff-orange’



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Cap: 4 mm diam., buff with pale orange central half, convex, dimpled with very small papilla, sulcate striate, striae being orange, dry.

Stipe: central, 25 × 0.5 mm, brown base, cinnamon (10) shaft and pale apex, insititious insertion, surface smooth.

Lamellae: moderately distant, 14, adnate to collar, no lamellulae or cross venations, off-white, no coloured margins.

Flesh: very thin, white.

Spores: SP white, spores inamyloid, smooth, cylindric, av. 8.5 × 4 μm, $Q_{av} = 2.16$ (× 20 spm)
Range 8–9 × 3.5–4.5 μm, $Q_{min} = 1.90$, $Q_{max} = 2.38$

Basidia: 4-spored, av. 21 × 6 μm, basidioles clavate.

Pleurocystidia: absent.

Cheilocystidia: 1) *Siccus*-type broom cells, with broad, sl. thick-walled digits, cylindric, clavate to broadly clavate cells, 9–16 × 6–8 μm, digits 2–5 × 1–2 μm; 2) occasional smooth globose cells mixed with broom cells.

Pileipellis: hymeniderm of *Siccus*-type broom cells, similar to cheilocystidia, variable, some bifid, 8–16 × 5–11 μm, and with occasional smooth cells.

Stipitipellis: strongly dextrinoid, parallel hyphae, ~6.5 μm diam., with clamp connections, no caulocystidia.

Substrate: tiny twig in leaf litter, with some fine pale rhizomorphs on road verge.

Habitat: regenerating subtropical rainforest.

Collections examined: QLD, Maleny, Dilkusha NR., 29 Mar. 2020, *F.E. Guard*, F2020041, envt.

Notes: This solitary basidiome has features suggestive of *Marasmius tangerinus*, from FNQ, with slightly narrower spores. It is also similar to *Marasmius* sp. ‘orange cushion’ (WGB533), also from SEQ. However, DNA failed, and further collections are awaited.