

Marasmius sp 'orange cushion'



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Cap: 3–5 mm, pulvinate (cushion shape), with central depressed disc and dark papilla, strongly sulcate-striate, pale orange (48) with buff (52) margin, brownish disc, dry, smooth surface.

Stipe: 10–15 × <0.5 mm, glossy, orange-cinnamon (10) at base, buff (52) at upper end, thin, wiry, twisted, insititious insertion; plentiful yellowish rhizomorphs on substrate.

Lamellae: off-white to buff, margin not coloured, distant, 13–15, no lamellulae, adnate to collar.

Flesh: thin, white.

Spores: ellipsoid, average 7.5 × 4.5 µm (no spore print).

Basidia: nil seen.

Pleurocystidia: nil.

Cheilocystidia: *Siccus*-type broom cells, body 11–14.5 × 6–8.5 µm, with short broad digits 2–5 × 1–1.5 µm.

Pileipellis: palisade of two types: a) *Siccus*-type broom cells, broadly clavate, cylindric, body 11–14.5 × 6–8.5 µm, with short, broad, thick-walled digits 2–5 × 1–1.5 µm; and b) irregular smooth cells with thick walls, occasionally bifid.

Substrate: gregarious in leaf litter.

Habitat: subtropical rainforest.

Collections examined: WGB533, Collector Wayne Boatwright, 10 Feb. 2019, Frizzos Road Environment Centre.

Notes: This collection is similar to *Marasmius tangerinus* from FNQ, but has smaller spores (7.5 × 4.5 µm cf. 8.5 × 5 µm). It awaits further collections and DNA.