

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, 14–15, 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 Siccus-type broom cells, clavate to cylindric, occasionally branched, with short 2–5 ×s 1–2 µm digits, fairly sparse (5–6), obtuse, rarely branched.

Substrate: gregarious in leaf litter.

Habitat: subtropical rainforest.

Collections examined: WGB533, Collector Wayne Boatwright, 10/2/2019, Frizzos Road Environment Centre.

Notes: This little *Marasmius* is in Section *Marasmius*, subsect. *Sicciformes*, and is almost certainly a new species. It may be related to *M.* 'orange pumpkin' from Speewah, Barron Gorge NP.