

Chlorophyllum sp PF033

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Chlorophyllum sp PF033 ©

Cap: convex with an umbo; to 30 mm diameter; covered in small scales; buff to vinaceous buff, umbo dark brown; veil absent.

Stipe: cylindrical, slightly expanded at the base; 50 × 5 mm; off white with buff striations; small ring present.

Gills: deeply adnexed to almost free; crowded, white with a very faint yellowish tint; very soft.

Flesh: white, thin.

Taste: mild, mushroomy.

Spore print: green.

Spores: oblong; 4.9 – 5.6 × 2.5 – 4.1 µm, average 5.3 ± 0.2 × 3.4 ± 0.4 µm, Q = 1.29 – 2.12, average Q = 1.58 ± 0.19; thin walled, strongly dextrinoid; unornamented.

Basidia: clavate; 18 – 21 × 7 – 8 µm, thin walled; four spored.

Cheilocystidia: clavate to obovoid; 10 – 17 × 5 – 7.5 µm.

Pileipellis: an irregular cutis with tufts of hyphae.

Substrate: in litter on the forest floor.

Habitat: wet sclerophyl forest dominated by *Araucaria cunninghamii*.

Notes: this small *Chlorophyllum* has the appearance of a *Lepiota*, but the green spore print suggested *Melanophyllum* or *Chlorophyllum*. The white gills and smooth strongly dextrinoid spores suggests the latter. No small species have been described in this genus in Australia.

Collections examined: QMS PF033, Paradise Falls Track, Bunya Mountains National Park, Ray Baxter, 17 Mar 2012.