

Gymnopilus crociphyllus



Gymnopilus crociphyllus © Fran Guard

Cap: broadly convex; 30 – 100 mm diameter; matt with minute squamules; light orange (5A4), squamules at cap centre russet to dark reddish-brown; margin entire, with fleeting velar remains.

Stipe: more or less cylindrical, sometimes expanded at apex; 20 – 50 × 3 – 6 mm; vertically striate, pale at apex becoming olivaceous brown towards base; insititious, firmly attached.

Gills: adnexed; moderately crowded; bright orange (5B8); with a single series of lamellulae.

Flesh: thin, orange.

Spore print: rusty brown.

Spores: ellipsoid; 6.5 – 7.6 × 4.1 – 5.4 µm, average 6.9 ± 0.3 × 4.7 ± 0.35 µm, Q = 1.47 ± 0.12; minutely punctate, slowly dextrinoid.

Basidia: cylindrical, 18 – 25 × 4 – 8 µm; 4-spored.

Cheilocystidia: tibiform, scarce, some appear to be slowly dextrinoid.

Pileipellis:

Substrate: on hard dry logs, possibly also on woodchip.

Habitat: in rainforest, on old *Araucaria bidwillii* log, sclerophyll forest and Wallum, probably with *Allocasuarina*.

Notes: recognised by its very bright orange colours that intensify on drying, and its narrow and slightly punctate spores.

Collections examined: F2013062, Dilkusha, Fran Guard, 4 Mar 2013; PL16613, Cooloola Section, Great Sandy National Park, Fran Guard, 15 June 2013; PL1030317, Twin Waters complex. Maroochydore, 21 Mar 2017.