

## *Gymnopus* sp. “Maroochy brown”



*Gymnopus* sp. “Maroochy brown” © Patrick Leonard

**Cap:** convex, sometimes shallowly umbonate in the centre; 25 – 80 mm diameter; glabrous, slightly greasy; sulcate striate; light brown, brownish orange (7C4, 7D4), darker brown in the centre on some fruiting bodies; margin irregular.

**Stipe:** cylindrical; 60 – 80 × 4 – 5 mm; glabrous; pale buff with prominent striations that are concolorous with the cap; growing in clusters but not caespitose.

**Gills:** adnexed; moderately crowded; pale buff and a very small paler ring where they join the stipe; with lamellulae in two series.

**Flesh:** thin; very tough, buff.

**Spore print:** cream.

**Spores:** ellipsoid; 10 – 12 × 4 – 5.5 µm; with a prominent oil drop.

**Basidia:** clavate; 15 – 22 × 6 – 8 µm; 4-spored.

**Cheilocystidia:** broadly clavate, capitate, some with two lateral or terminal projections; 50 – 85 × 10 – 18 µm

**Pleurocystidia:** clavate to fusoid; 28 – 35 × 7 – 9 µm; with dark granular elements on the surface.

**Pileipellis:** a cutis of repent hyphae, clamp connections present.

**Substrate:** leaf litter with a high woody content.

**Habitat:** wet sclerophyll forest dominated by *Eucalyptus* species.

**Notes:** a tall and tough collybioid *Gymnopus* with a mid-brown cap and a noticeably striate stipe. It does not accord with any of the descriptions in Grgurinovic.

**Collections examined:** PL80124, Maroochy Bushland Botanic Garden, Patrick Leonard, 10 Jan 2024.