

Trogia aff pleurotoides



Trogia aff pleurotoides © Wayne Boatwright

Cap: infundibuliform; 10 – 20 mm diameter; fibrillose but becoming squamulose towards the centre; olive green at first (3E6) becoming fuscous with age; striate at the margin as it matures.

Stipe: cylindrical or tapering downwards; 25 – 40 × 2 – 3 mm; glabrous; pale greenish yellow; some caespitose attached directly to substrate.

Gills: decurrent; bright yellow; lamellulae present in one series.

Flesh: thin white.

Taste:

Spore print: white to cream.

Spores: subglobose to ellipsoid; 4 – 5 × 3.5 – 4.2 µm; thin-walled, with a prominent reflective central oil drop.

Basidia: clavate; 35 – 40 × 3.5 – 7 µm; with granular contents and some with a lateral branch; 4-spored.

Cheilocystidia: clavate, 35 – 40 × 4 – 8 µm.

Pileipellis: a cutis.

Substrate: in troops in the bark debris surrounding the base of a large old *Eucalyptus racemosa*. The area has had a cold controlled burn within the previous twelve months and there is evidence of this on the bark at the tree base.

Habitat: wet sclerophyll forest with Eucalypts.

Notes: This is close to Corner's concept of *Trogia pleurotoides*, but it has smaller and more subglobose spores; it does not fit *T. fuscomellea* either and must be presumed to be an undescribed species.

Collections examined: PL90424, Ben Bennett Bushland Park, Caloundra, Sunshine Coast, Wayne Boatwright and Judith Hewett, 6 Apr 2024.