

Trogia subglobospora var *mellea*



Trogia subglobospora var *mellea* © Glenda Walter

Cap: convex at first but rapidly becoming infundibuliform, umbilicate; 20 – 35 mm diameter; more or less smooth; grey brown with fine cream coloured stripes; margin entire and in-rolled at first.

Stipe: densely caespitose, cylindrical; 40 – 50 × 4 – 5 mm; fibrillose; cream with a touch of grey brown.

Gills: decurrent; creamy yellow; furcate; no interveining!

Flesh: thin; pale greyish brown.

Taste:

Spore print: not obtained.

Spores: subglobose; 4.2 – 5.3 × 3.9 – 5.3 μm, average 4.7 ± 0.35 × 4.4 ± 0.4 μm, Q = 1 – 1.2, average Q = 1.06 ± 0.06; hyaline in KOH; smooth, with a large oil droplet.

Basidia: narrowly clavate; 40 – 50 × 4.5 - 6.5 μm, two spored, sterigmata 4 – 4.5 μm.

Cheilocystidia: not observed.

Pleurocystidia: clavate, a few langeniform; 35 – 50 × 5 – 8; smooth.

Pileipellis: a cutis.

Substrate: soil but probably rotten wood, probably *Kunzea*.

Habitat: open Eucalypt forest with *Kunzea* and *Allocasuarina*.

Notes: this densely caespitose fungus with strongly decurrent yellow gills is quite striking and clearly seems to fit Corner's concept of *Trogia*. It keys clearly to *T. subglobospora* var *mellea* and agrees in almost all respects but there was not interveining apparent in this collection.

Collections examined: CN24, Crows Nest National Park, Glenda Walters, 20 Apr 2013.

