

Porpoloma aff 'amyloideum'



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Cap: applanate or with a shallow central depression; 50 – 70 mm in diameter; with a central disc which breaks in to scales and striations on outer 2/3rds; background is greyish yellow (4B5) with disc and scales yellow brown (6D7), margin somewhat ragged.

Stipe: cylindrical; 45 – 60 × 12 - 18 mm; greyish yellow; with a very short sheathing ring which is paler, at the base of the stipe

Gills: sinuate; moderately spaced, deep; greyish orange.

Flesh: pale greyish yellow.

Taste:

Smell: none.

Spore print: white.

Spores: ellipsoid; 7.3 – 8.7 × 5.3 – 6.7 μm , average 8.1 \pm 0.4 × 6 \pm 0.3 μm , Q = 1.2 – 1.6, average Q = 1.36 \pm 0.09; amyloid, smooth.

Basidia: clavate; 35 – 45 × 6.5 – 8 μm ; mainly 4 spored but some 2 spored.

Cheilocystidia: absent.

Pleurocystidia: absent.

Pileipellis: a cutis, hyphae 8 – 10 μm wide.

Habitat: wet sclerophyll forest with *Eucalyptus* and *Syncarpia*.

Notes: macroscopically similar to *Porpoloma amyloideum* in New Zealand, but with significantly larger spores and in a different habitat so this is likely to be a distinct species.

Collections examined: LG 60, Linda Garrett Reserve, Mapleton, Queensland, Susie Webster, 13 Jun 2015.