

Australopilus palumanus



Australopilus palumanus © Roy Halling

Pileus: convex; to 50 mm diameter; dry, pinkish, matted tomentose;

Stipe: cylindrical and often curved; 50 × 7 mm; white with pink scabers; reticulate, base chrome-yellow.

Tubes: 10 mm long, depressed about the stipe, greyish pink

Flesh: white and unchanging when injured.

Odour and taste: mild.

Spore colour: not available.

Spores: fusiform; 9.9 - 14.8 × 4.4 - 6.1 μm, average 11.8 × 5 μm; Q = 1.8-3, average Q = 2.4; surface smooth, walls continuous and without germ pore.

Basidia: clavate; 22 - 33 × 7.7 - 11 μm; 4-spored, hyaline to granular-oily in KOH.

Pleurocystidia: absent.

Cheilocystidia: ventricose-pedicellate, sphaeropedunculate; 22 - 61.6 × 6.8 - 12.8 μm.

Caulocystidia: fusoid-ventricose or ventricose-pedicellate; 28 - 50.8 × 4 - 7.2 μm.

Pileipellis: an interwoven, applanate trichoderm; terminal cells 3.3 - 6.6 μm diameter; clamp connections absent.

Habitat: under *Allocasuarina torulosa* and *Acacia aulacocarpa*.

Material examined: BRIP 40727, near Paluma, Queensland, Reddell, Castellano, and Halling, 17 Feb 1992.

Notes: *Tylophilus palumanus* is the only taxon in the genus.