

## *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, appanate 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; PL 12414, Mt Coolool National Park, Pat Leonard, 5 Apr 2014.

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