

## *Tylopilus* sp 11

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### *Tylopilus* sp 11 ©

**Cap:** convex; 60 mm diameter; minutely velutinate; dry, dark brown (6F7), margin entire and not appendiculate.

**Stipe:** clavate; 70 × 12 mm; dark brown (6F8); with a distinct dark network at the apex of the stipe.

**Pores:** emarginate; somewhat elongated near stipe; yellowish brown (6C3).

**Flesh:** white, very slowly becoming red in cap and pores on exposure to air.

**Taste:**

**Chemical reactions:**

**Spores:** brown in water; boletoid; 10.9 – 13.3 × 4.2 – 5.6 µm, average 12.2 ± 0.7 × 5 ± 0.4 µm; Q = 2 – 2.9, average 2.5 ± 0.24.

**Basidia:** narrowly clavate, four spored.

**Cystidia:** fusiform and langeniform, forming a distinct edge to pores, 45 – 70 × 8 – 10 µm.

**Pileipellis:** a trichoderm.

**Habitat:** single specimen found in soil and litter close to *Eucalyptus grandis*.

**Notes:** This all brown specimen is characterised by the network at the top of the stipe and the reddening flesh. It appears to be a *Tylopilus*, but does not fit any of the species in Watling and Gregory or in Watling and Li.

**Collections examined:** PL31410, Linda Garrett Reserve, Mapleton, Ken Cowell, 10 April 2010.