

## *Tylopilus* sp 4



*Tylopilus* sp 4 © Patrick Leonard

**Cap:** broadly convex to applanate; 50 – 70 mm diameter; glabrous; old rose when young, becoming reddish brown.

**Stipe:** clavate; 45 – 50 × 8 – 15 mm; more or less glabrous with some vertical ridges; white.

**Pores:** adnexed to almost free; ovoid to pentagonal, radially elongated into chains arranged; pinkish; 1 per mm.

**Flesh:** white; taste very bitter.

**Spore print:** dull pinkish brown.

**Spores:** fusoid; 10.2 – 14.1 × 5 – 6.35  $\mu\text{m}$ , average 12.3  $\pm$  1.1 × 5.7  $\pm$  0.4, Q = 2 – 2.4, average Q = 2.17  $\pm$  0.15; smooth, pale brown in KOH.

Basidia:

Cystidia:

**Habitat:** in wet sclerophyll forest under *Eucalyptus* species.

**Notes:** this collection is quite close in appearance and spore size to *Tylopilus rubrobrunneus* which has been reported from North Queensland, but it is unlikely for it to have been introduced.

**Collection:** PL 940419, Maroochy Bushland Botanic Garden, Patrick Leonard, 15 Apr 2019.