

Tylopilus porphyrosporus



Tylopilus porphyrosporus © Lil Spadijer

Cap: plano convex; 80 – 90 mm diameter; velvety becoming smooth and areolate; hazel, sepia to snuff-brown; darkening with age.

Stipe: concolorous or paler, velvety then smooth ± ribbed with olivaceous tones towards the base and ± lilaceous tinge, bruising pinkish brown.

Pores: pale vinaceous buff, becoming olivaceous buff with age; bruising blueish green.

Flesh: off-white, olivaceous buff or straw-coloured and unpleasant tasting; becoming vinaceous and finally grey olivaceous with hint of dark blueish green; staining white-paper blueish green.

Spore print: dark brown (?).

Spores: cylindrical; $14.1 \times 17.8 \times 3.9 - 5.6 \mu\text{m}$, average $15.4 \pm 1 \times 4.4 \pm 0.4 \mu\text{m}$, $Q = 2.8 - 3.9$, average $Q = 3.54 \pm 0.27$; smooth.

Basidia: 4-spored, clavate, $11 \mu\text{m}$ broad.

Pleurocystidia: fusiform with narrow neck; $25-40 \times 10 \mu\text{m}$; thin-walled, tapered apex.

Pileipellis:

Habitat: parkland with native trees, the specimen un *Allocasuarina*.

Collection: PL32713, Indigiscapes park, Capalaba, Brisbane, Amelie Spadijer, 6 July 2013.

Notes: Watling states that there is no doubt that several boletes related to *T. porphyrosporus* exist in Australia and careful examination of future collections is critical. Spore colour suggests this should be in *Porphyrellus* rather than *Tylopilus*.