

Amanita sp PL420521



Amanita sp PL420521 © Pat Leonard

Cap: shallow convex; 50–80 mm diameter; glabrous; purplish grey (15D2); velar remains in a single large patch, white to very pale grey; margin entire, not striate.

Stipe: cylindrical with a turbinate bulb at the base and a volva with a distinctly free edge; 80–100 × 12–20 mm; glabrous and white above a small white ring about 60% up the stipe, faint snakeskin markings on lower section of the stipe which is also white.

Gills: adnexed; moderately crowded; pale cream; lamellulae present in one series; a few lamellulae are furcate.

Flesh: white, fragile.

Spore print: pale cream.

Spores: broadly ellipsoid; $8.85\text{--}11.27 \times 6.17\text{--}7.67 \mu\text{m}$, average $9.8 \pm 0.7 \times 7 \pm 0.5 \mu\text{m}$; $Q = 1.18\text{--}1.66$, average $Q = 1.42 \pm 0.15$; amyloid, smooth.

Basidia: clavate, 4-spored.

Cheilocystidia: not observed.

Pleurocystidia: not observed.

Pileipellis: a cutis.

Habitat: growing on the edge of a wet sclerophyll forest with mature *Eucalyptus* trees.

Notes: this species is close to *Amanita murinaster*, and keys to that species in Wood's key to *Amanita*. However, the descriptions do not match, the spores of this collection are significantly larger and have a higher Q value and the cap is larger and has a different colour.

Collections examined: PL420521, Old Maleny Road, Landsborough, Susie Webster, 6 May 2021.