

Amanita sp PL4414



Amanita sp PL4414 © Patrick Leonard

Cap: convex; 30–60 mm diameter; glabrous; dry; very pale grey, almost white; veil remnants scarce or absent; margin inrolled at first and not striate.

Stipe: cylindrical with a sub-bulbous base; 35–60 × 8–15 mm; glabrous; white; with a pendulous ring somewhat striate above; volva saccate, free at top.

Gills: adnexed to free; crowded; white to very pale cream; lamellulae in two series.

Flesh: thin, white.

Spore print: white.

Spores: subglobose to broadly ellipsoid; $7\text{--}8.6 \times 5.9\text{--}7 \mu\text{m}$, average $7.7 \pm 0.4 \times 6.9 \pm 0.4 \mu\text{m}$, $Q = 1\text{--}1.27$, average $Q = 1.12 \pm 0.08$; smooth; amyloid.

Basidia: narrowly clavate; $35\text{--}45 \times 8\text{--}11 \mu\text{m}$; 4-spored.

Pleurocystidia: not observed.

Pileipellis: a cutis, clamps absent. Veil remnants composed mainly of narrow hyphae with a few inflated cells.

Substrate: sandy soil.

Habitat: grass lawn in botanical garden, *Eucalyptus* species at some distance.

Notes: a small pale grey *Amanita*, with a ring and volva and subglobose amyloid spores. Not in Wood's key. It can only be determined with certainty by its microscopic characters.

Collections examined: PL4414, Maroochy Bushland Botanic Gardens, Pat Leonard 2 Apr 2014.