

Amanita sp PL109310



Amanita sp PL109310 © Pat Leonard

Cap: convex, becoming applanate; 40–60 mm diameter; glabrous, dry; pale drab buff grey; velar remains as whitish patch or absent; margin entire or very slightly striate.

Stipe: clavate; 60–100 × 10–12 mm; glabrous; white to pale cream; with a membranous, white or pale buff annulus, fugacious and striate or not; volva white, membranous, with a distinct free margin.

Gills: free; white; crowded; with lamellulae present in one or two intercalated series.

Flesh: white, unchanging on exposure to air.

Smell: not distinctive.

Spore print: white.

Spores: subglobose; 7–9 × 6.5–9 µm, Q = 1.15; amyloid.

Basidia: clavate; 40–50 × 9–12 µm; 4-spored.

Cheilocystidia: sphaeropedunculate and forming an almost sterile gill edge.

Pileipellis: a cutis of repent hyphae, velar structure not observed.

Habitat: growing singly in dry sclerophyll forest under *Eucalyptus*.

Notes: this collection was not recognised in the field. It keyed to *A. murina* but looks distinct from other collections. It is very difficult to separate from the related *A. murinaster*. Wood does this on the basis of the velar structure, which was absent in this collection. Could be a sun-scorched specimen or could be an undescribed species.

Collections examined: PL109310, Dr Roberts Waterhole Track, Girraween National Park, Pat Leonard, 22 Mar 2010.

