

Amanita cheelii



Amanita cheelii © Patrick Leonard

Cap: cap hemispherical to convex; up to 80 mm diameter; glabrous and slightly viscid; dark grey (13E1, 14E1); velar remains on cap in large white/pale grey patch; margin pellucid striate.

Stipe: cylindrical with a very slightly expanded base; 60–170 × 8–10 mm; glabrous, but with some clusters of hairs; grey, paler than cap; no ring; large, saccate grey or grey-brown volva.

Gills: free; crowded; greying cream with a distinct darker grey edge; lamellulae present in one series.

Flesh: very pale grey.

Spore print: white.

Spores: globose; 10–12 × 9.7–11.6 µm ; Q = 1.02; inamyloid.

Cheilocystidia: not observed.

Pleurocystidia: not observed.

Pileipellis: ovoid pedunculate cells, 25–35 × 20–25 µm, velar remains mainly inflated cells, with filamentous hyphae rare.

Habitat: growing singly in open ground under *Eucalyptus* species.

Notes: this is a dark-grey to grey-brown *Amanita* with pale velar remains in large patches, a grey lamellar edge and a grey saccate volva. It was previously known as *Amanita punctata* and is in Woods and other publications under that name. It should be easy to recognise in the field but is hard to separate from *A. albobolvata*. Six records in Queensland. The volva is missing from the photograph!

Collections examined: PL9609, Wallace Park, Noosaville, Pat Leonard, 9 Jun 2009; PL120421, Kathleen McArthur Reserve, Sunshine Coast, Pat Leonard, 2 Apr 2021.