

Amanita fuscobrunnea



Amanita fuscobrunnea © Pat Leonard

Cap: convex; 35–60 mm diameter, glabrous grey surface covered with darker grey-brown warts that are pyramidal to conical in the centre and flat membranous towards the margin.

Stipe: clavate, swelling towards base; 50–60 × 5–8 mm; glabrous, pale-grey with darker granular covering denser towards base; sub-bulbous base; ring grey-brown, darker edge and located towards apex.

Gills: free; thin; crowded; white; with lamellulae in one series.

Flesh: thin, greyish white.

Spore print: white.

Spores: subglobose; 6.5–7.5 × 5.5–6.5 µm; amyloid.

Basidia: clavate; 30–35 × 8–10 µm; 4-spored; sterigmata very short.

Cheilocystidia: not observed.

Pleurocystidia: not observed.

Pileipellis: a cutis with velar remains composed of large ovoid cells ± 50 µm wide.

Habitat: solitary in wet sclerophyll forest with *Eucalyptus pillularis*. The two Queensland collection both found very close to the trunk of an old *E. pillularis*.

Notes: a striking looking *Amanita* recognizable in the field by its grey cap with darker grey-brown pyramidal warts and a sub-bulbous base with no volva. Only known from the type locality in New South Wales and two collections on Queensland's Sunshine Coast.

Collections examined: PL980321, Linda Garrett Reserve, Pat Leonard, 31 Mar 2021.