

Amanita peltigera



Amanita peltigera © Patrick Leonard

Cap: convex; to 35 mm diameter; glabrous, slightly viscid; pale grey to pale mid-brown; margin faintly striate; velar remains as grey flat patch on cap.

Stipe: widening towards base; 50 × 8 mm; glabrous; white; annulus absent; with a white sub-bulbous base and a closely attached volva which none the less has a small free edge.

Gills: free; white crowded, with lamellulae in two series.

Flesh: white, unchanging on exposure to air.

Smell: not distinctive.

Spore print: white.

Spores: subglobose to ellipsoid; 8–9 × 7.5–8.5 µm; Q = 1.1–1.3; amyloid.

Basidia: clavate; 35–45 × 10–12 µm.

Pleurocystidia: absent.

Pileipellis: a cutis of filamentous hyphae.

Habitat: singly, deeply buried in sand under *Allocasuarina torulosa* on the edge of Wallum forest near a track.

Notes: this species seems to be characterised by its pale grey to pale mid-brown, slightly viscid, and slightly striate cap, a sub-bulbous stipe with no ring and a volva. It does not key readily in Wood but fits the description of *A. peltigera* well.

Collections examined: PL67310, Noosa National Park (Marcus Beach section), Pat Leonard, 17 Mar 2010; PL20124, Wallace Park, Noosa, Patrick Leonard, 9 Jan 2024.