

Amanita aff pallidofumosa



Amanita aff pallidofumosa © Frances Guard

Cap: hemispherical juvenile and convex mature specimen; 20–60 mm diameter; smooth grey-brown, pellucid striate at margin only, with in-rolled edge. Velar remnant (whitish patch) on juvenile but absent from mature specimen.

Stipe: clavate, slightly tapering to apex; 70 × 12 mm; white; large, floppy, membranous annulus on upper third of stipe; large saccate volva, white and slightly ragged on upper edge.

Gills: free, crowded, creamy white.

Flesh: white.

Spore print: white.

Spores: ellipsoid; 10.5–12 × 6.75–9.6 µm, Q = 1.33–1.61; inamyloid.

Basidia: 4-spored, tall, no clamp connections seen.

Cheilocystidia: very few globular cells.

Pileipellis: no clamp connections.

Velar Remains: mostly filamentous hyphae, with occasional balloon cells ~20 µm diam.

Habitat: *Melaleuca*, *Casuarina* scrub in coastal heath.

Notes: This specimen most closely fits with *Amanita pallidofumosa* in the Sect. Caesarea. However, Wood states that it is “more or less grey”, and that the pendulous annulus is striate above. This specimen is definitely grey-brown, the annulus is not striate above and also the cells are smaller. However, the spore size is correct, and other features such as no clamp connections fit.

Collections examined: F.E. Guard coll. F2012031, from Great Sandy NP, Cooroibah Section. 3 Mar 2012.