

Amanita pallidochracea



Amanita pallidochracea © Fran Guard

Cap: shallow convex; 47 mm diameter; off-white to pale brownish; radial fibrils may be present; velar remains absent or in a single central patch, margin eroded-serrate but not striate.

Stipe: narrowing towards apex; 95 × 12 mm including a large, thick, white saccate volva (25 × 20 mm); white, no annulus, fine scaly appearance in upper one-third, floccules over lower two-thirds.

Gills: free to adnexed; crowded, cream; lamellulae in a single tier.

Flesh: white.

Spore print: white.

Spores: elongate (cylindrical); 10–12 × 5–6.5 µm, average 11.1 × 5.7 µm, Q = 1.75–2.13, average Q = 1.96; inamyloid.

Basidia: clavate; 25–35 × 7–10 µm; 4-spored.

Velar Remains: from volva – mainly filamentous hyphae, with a few inflated cells.

Substrate: sandy soil, Wallum.

Habitat: solitary, under *Casuarina* and *Melaleuca*.

Notes: This specimen was somewhat eroded on the margin, but the description in AE Wood says that the margin is finely serrate, which would possibly give an eroded appearance. The stipe is longer and more robust than that described in Wood, but spore measurements and other macroscopic features fit well. The inamyloid, elongate spores, large saccate volva and lack of annulus are diagnostic.

Collections examined: Cooloolo NP QMS Foray: Field No. 28, F. Guard, 15 Mar 2013.