

Amanita pallidochracea



Amanita pallidochracea © Fran Guard

Cap: shallow convex; 47 mm diameter; off white with scales and brownish almost radial fibrils; margin eroded-serrate.

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 1/3, floccules over lower 2/3rds.

Gills: free to adnexed, crowded, cream, 1 tier lamellulae.

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:

Pleurocystidia:

Pileipellis:

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

Substrate: sandy soil,

Habitat: solitary, under Casuarinas and Melaleucas

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

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.