

Amanita sp. Sect. *Caesarae*



Amanita sp. Sect. *Caesarea* © Frances Guard

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

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, creamish white

Flesh: white

Spore print: white.

Spores: ellipsoid; (10.33) 10.51 – 11.45 (11.69) × (6.49) 6.75 – 7.83 (8.19) μm, Q = 1.33 – 1.61; inamyloid.

Basidia: 4 spored, tall, no clamp connections seen

Cheilocystidia: very few globular cells

Pileipellis:

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: FE Guard coll. F2012031, from Great Sandy NP, Cooroibah Section. 3/3/12.