

Amanita pallidogrisea



Amanita pallidogrisea © Frances Guard

Cap: convex to applanate; 20 - 35mm diameter; ,metallic grey to buff, with central white flat patches of velar remnants; margin entire, not pellucid striate

Stipe: cylindrical; 25 - 40 × 7 – 8 mm; ephemeral annulus, white smooth, with rounded white saccate volva.

Gills: adnexed to almost free, crowded white.

Flesh: white.

Taste: n/t

Spore print: white.

Spores: broadly ellipsoid, 8.9 – 9.7 × 7.4 – 7.9 μm, average 9.3 ± 0.3 × 7.6 ± 0.3 μm, Q = 1.14 – 1.32, average Q = 1.22; weakly amyloid, smooth.

Basidia: not examined

Pleurocystidia: “

Pileipellis: velar remains mostly hyphal with occasional balloon cells

Substrate: sandy soil

Habitat: wallum woodland, large numbers of all ages and some variety in colour of caps. Some showed clear annuli and some did not.

Collections examined: QMS Cooloola Foray No. 9 (17/5/2014)

Notes: This fitted most closely with A. Wood’s description of *Amanita pallidogrisea*, thought the spores were at the lower end of his range.

Key steps: 1. Volva present; 2. Cap margin smooth; 3. Stipe with +/- fugacious annulus; 4. Spores amyloid; 5. Spores broadly ellipsoid Q 1.26-1.32; 6. Velar remains mainly hyphal.