

## *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 × 7–8mm; ephemeral annulus, white smooth, with rounded white saccate volva.

**Gills:** adnexed to almost free, crowded, white.

**Flesh:** white.

**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:** absent.

**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 May 2014).

**Notes:** This fitted most closely with A. Wood's description of *Amanita pallidogrisea*, though the spores were at the lower end of his range. Key characters are: volva present, cap margin smooth, stipe with +/- fugacious annulus, spores amyloid and broadly ellipsoid, Q = 1.26–1.32 and velar remains mainly hyphal.