

Amanita grisea



Amanita grisea © Pat Leonard

Cap: convex; 54 - 65 mm diameter; glabrous, radially fibrillose, slightly viscid; pale pinkish grey to brownish grey (6D1, 6D2); with scattered slightly darker velar remnants as irregular scales; margin entire.

Stipe: cylindrical with a bulbous base; 60 – 80 × 10 - 20 mm; glabrous, but developing a few hairs towards base; annulus pendulous, near apex of stipe, with a thickened fimbriate margin; volva thin and tightly pressed on to bulb with only margin free.

Gills: deeply adnexed to free; white; crowded; with one or two series of lamellulae, some gills fork.

Flesh: white, thin.

Spore print: white.

Spores: ellipsoid; 7.9 – 12.1 × 5.1 – 7.6 μm, average 10.4 ± 1.25 × 6.35 ± 0.65, Q = 1.4 – 2, average Q = 1.64 ± 0.16; amyloid; smooth.

Basidia: clavate; 35 – 45 × 8 – 11 μm, four spored.

Cheilocystidia: clavate; 35 – 45 × 7.5 – 9 μm.

Pleurocystidia: none seen.

Pileipellis: a simple cutis.

Habitat: Found growing singly under *Eucalyptus* sp in wet sclerophyl forest and under *Callitris* in Wallum heath.

Notes: this species is close to *A. pallidogrisea*, but has a distinct bulb at the base of the stem and more elongate spores with Q > 1.5.

Collections examined: PL30613, Marcus Beach Section, Noosa National Park, 23 Jun 2013.