

## *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 sclerophyll 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  $Q > 1.5$ . It also resembles *A. elangatospora* but that species has more elongate spores with a Q value greater than 1.9.

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