

## *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 onto 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, 4-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. elongatospora*, but that species has yet more elongate spores with a Q value greater than 1.9.

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