

## *Amanita elongatospora*



*Amanita elongatospora* © Pat Leonard

**Cap:** convex; 45 mm diameter; glabrous but covered in flattish darker velar remains giving a scurfy appearance; grey (15B1).

**Stipe:** clavate to sub-bulbous; 40 – 70 × 10 – 12 mm; ring fragile or absent, velar remains on bulb; matt white.

**Gills:** free; robust, cream; lamellulae in two series.

**Flesh:** white.

**Taste:**

**Spore print:** white.

**Spores:** elongated; 9 – 11 × 4.5 – 6 µm, Q = 1.9 – 2.1; amyloid.

**Basidia:** narrowly clavate; 40 – 60 × 9 – 12 µm, four spored.

**Pleurocystidia:** not observed.

**Pileipellis:** hymeniform consisting of inflated cells, velar remains ovoid.

**Substrate:** sandy acid soil.

**Habitat:** in Wallum heathland dominated by *Melaleuca* and some *Allocasuarina*.

**Notes:** This keyed to *A. elongatospora* when first examined and the high Q value of the spores matches Wood's figure and supports this conclusion. However, it is not clear whether the base has a volva or not. If it does, then this collection keys to *A. preisii* a species otherwise only known from South Australia and which reportedly has lower Q values. See the FoQ entry for *A. preisii*. It is also possible that this is an undescribed species.

**Collections examined:** PL 1390317, Arthur Harrold Reserve, Noosa N. P., Pat Leonard, 23 Mar 2017.