

Amanita elongatospora



Amanita elongatospora © Pat Leonard

Cap: convex; 45–60 mm diameter; glabrous, grey (15B1) but covered in flattish darker velar remains, giving a scurfy appearance.

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.

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; 4-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. In 2019 this species was placed on the IUCN red list and classed as vulnerable.

Conservation status: vulnerable?

Collections examined: PL1390317, Arthur Harrold Reserve, Noosa National Park, Pat Leonard, 23 Mar 2017.