

Amanita angustispora



Amanita angustispora © Pat Leonard

Cap: convex expanding to applanate; 60 – 100 mm diameter; smooth, glabrous, dry; off-white to pale grey; very few flat membranous scales (after heavy rain); margin slightly appendiculate, not striate.

Stipe: cylindrical and slightly expanded at the base; 90 – 150 × 12 – 18 mm; smooth, white, with some flaky scales on the lower half; ring white, pendulous, fragile; volva present, saccate, stipe deeply buried in sand.

Gills: free, thin; white; margin finely serrate; lamellulae in two series.

Flesh: thin, fragile.

Smell: not recorded.

Spore print: white.

Spores: broadly ellipsoid; 9.5 – 12.5 × 5.2 – 7.5 µm, average 10.9 ± 1 × 6.3 ± 0.6 µm, Q = 1.6 – 1.85, average Q = 1.74 ± 0.16; amyloid, thin walled.

Basidia: narrowly clavate; 40 – 50 × 7 – 9 µm, four spored.

Pleurocystidia: absent.

Pileipellis: a cutis.

Substrate: sand.

Habitat: growing deeply buried in sand alongside a track in Wallum close to *Melaleuca* and *Allocasuarina*.

Notes: This very tall white *Amanita* is apparently rare in Queensland. Yet its very robust appearance, volva and strongly ellipsoid amyloid spores should make it easy to recognise.

Collections examined: PL44413, Arthur Harold Reserve, Cooloola Section, Great Sandy National Park, Pat Leonard, 12 Apr 2013.