

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: white, 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; 4-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 it's robust appearance, volva and elongate, ellipsoid amyloid spores should make it easy to identify.

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