

Amanita sp 1



Amanita sp 1 © Pat Leonard

Cap: appanate to shallowly convex; 50 – 80 mm diameter; glabrous, white with veil as plat patches, white with ochraceous tinge; margin entire.

Stipe: cylindrical, with a very broad bulb (35 – 40 mm) at the base; 60 – 80 × 10 - 15 mm; glabrous; white; ring ephemeral, white with yellow edge.

Gills: free to deeply emarginate, white, lamellulae present.

Flesh: white, unchanging.

Smell: nauseous with a raphanoid component.

Spore print: white.

Spores: ellipsoid; 8.8 – 11.9 × 5.2 – 6.8 μm, Q = 1.5 – 1.9, average 10.3 ± 1 × 6.1 ± 0.4, Q = 1.7 ± 0.1; amyloid.

Basidia: clavate, four spored.

Cheilocystidia: present, clavate.

Pleurocystidia: not seen.

Pileipellis: a cutis of repant hyphae with veil remnant formed of pedunculate pyriform cells.

Habitat: very frequent but singly in Wallum forest with *Allocausurina torulosa*.

Notes: This species with a white cap, yellow veil remnants and a very large bulbous base does not key out readily in Wood. Following the key leads to *A. ochraceobulbosa* but that does not have strongly ellipsoid spores, or *A. presii* but that does not have a bulbous base and the spores are also different.

Collections examined: PL54310, Noosa National Park, Marcus Beach Section, Pat Leonard, 17 March 2010.

