

## *Amanita* sp 1



*Amanita* sp 1 © Pat Leonard

**Cap:** applanate to shallowly convex; 50–80 mm diameter; glabrous, white with veil as flat 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;  $8.8\text{--}11.9 \times 5.2\text{--}6.8 \mu\text{m}$ ,  $Q = 1.5\text{--}1.9$ , average =  $10.3 \pm 1 \times 6.1 \pm 0.4$ ;  $Q = 1.7 \pm 0.1$ ; amyloid.

**Basidia:** clavate, 4-spored.

**Cheilocystidia:** present, clavate.

**Pleurocystidia:** not seen.

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

**Habitat:** very frequent, but singly, in Wallum forest with *Allocasuarina 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. preisii* 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 Mar 2010.