

## *Amanita vaginata*



*Amanita vaginata* © Frances Guard

**Cap:** applanate; 50 – 75 mm diameter; drab grey, margin sulcate, surface smooth, tacky, appressed fibrillose ( $\times 10$ ) with very pale buff-grey universal veil patch at centre.

**Stipe:** central terete, tapering upwards, broadening slightly at base; 90 – 120  $\times$  5 -9 mm; dry, minutely flocculent, pale buff-grey, with thin, membranaceous flaring volva, extending from very small basal bulb.

**Gills:** narrow, close, white, margin minutely fimbriate (X10), , face smooth, no lamellulae.

**Flesh:** firm white, 5mm thick at centre.

**Taste:** not recorded

**Spore print:** white.

**Spores:** subglobose to globose; approx.. 10 – 12.5  $\times$  9.5 – 12  $\mu\text{m}$ ; inamyloid.

**Basidia:** clavate; 45 – 55  $\times$  15 – 20  $\mu\text{m}$ ; 4 spored with short strigmata.

**Cheilocystidia:** broadly clavate to ovoid.

**Pleurocystidia:**

**Pileipellis:** a cutis of filamentous interwoven hyphae.

**Substrate:** growing in sand or soil.

**Habitat:** *E. racemosa*, *Corymbia* (bloodwood), *Elaeocarpus reticularis*, and *Austromyrtus dulcis*.

**Notes:** single specimen

**Collections examined:** KS2557, Fraser Island, 3 Apr 2011; PL139313, Mt Mee National Park, Pat Leonard, 28 Mar 2013.