

## *Macrolepiota clelandii*



*Macrolepiota clelandii* © David Holdom

**Cap:** broadly convex, with slight central depression and central umbo; 70mm diameter; creamy white colour with snuff brown central patch and surrounding scales, (1-2mm) scattered over the inner half of the cap. Outer half covered in fine snuff brown fibrils; slightly appendiculate margin.

**Stipe:** cylindrical and very tall; 110 × 6 mm, broadening to 20mm at base; cream to buff brown, darker at base, which is covered with white mycelia. Small, persistent, annulus on upper third of stem; off white, with fine brown line at edge.

**Gills:** free; crowded; creamy white; 2-3 series of lamellulae.

**Flesh:** white.

**Spore print:** white.

**Spores:** ovoid; 14 – 18 × 9 – 12 μm, average 16 × 10.5 μm, Q = 1.55; strongly dextrinoid, thick walled with prominent apiculus and probable germ pore.

**Basidia:** clavate; 38 – 50 × 10 – 14; mostly two spored, some four spored.

**Pleurocystidia:** absent.

**Pileipellis:** a cutis of repent hyphae, some of which are brown.

**Substrate:** soil and litter.

**Habitat:** solitary, in needles under planted *Allocasuarina*, *Eucalyptus* and rainforest trees.

**Collections examined:** F2103069, F. Guard, Dilkusha NR, Maleny.

**Notes:** This specimen had received 11mm heavy rain a few hours before collection and probably lost some scales during that time. Description fits Grgurinovic p. 443 of “Larger Fungi of South Australia”