

Lepiota booloola



Lepiota booloola © Pat Leonard

Cap: convex, flattened at the apex; 45 – 50 mm diameter; with a red brown disc at the apex and numerous red brown squamules elsewhere; margin slightly appendiculate.

Stipe: cylindrical or tapering upwards, hollow; 70 – 80 × 10 – 12 mm; glabrous; white above ring, browning slightly below; ring with dark upper edge and striate.

Gills: free; moderately crowded, white; lamellulae present in a single series.

Flesh: thin, white, unchanging.

Taste:

Spore print: white.

Spores: ellipsoid; 6.1 – 8.7 × 3.3 – 5.3 µm, average 6.9 ± 0.6 × 4 ± 0.5 µm, Q = 1.23 – 2.06, average Q = 1.72 ± 0.2; smooth; no germ pore, dextrinoid.

Basidia: clavate; 2 and 4 spored.

Cheilocystidia: numerous; clavate; 20 – 27 × 6.5 – 8 µm.

Pileipellis: a cutis of brown pigmented cylindrical hyphae. Clamp connections absent.

Substrate: leaf litter and natural mulch.

Habitat: rainforest with Eucalypts.

Notes: This collection fits Grgurinovic's description for *L. booloola*, except that the cheilocystidia are distinctly clavate rather than fusoid and the collection was made in rainforest whereas Cleland's collection was apparently with *Pinus radiata*.

Collections examined: Clark's Farm, Bellthorpe, Ix Nguyen, 16 Mar 2014.