

Agaricus dulcidulus



Agaricus dulcidulus © Pat Leonard

Cap: convex with a more or less flattened top; 25 – 30 mm diameter; with purple brown patch at apex and purple brown fibrillose squamulose elsewhere.

Stipe: cylindrical with a slightly bulbous base; 25 – 40 × 5 – 7; glabrous, white; broad white ring 60 – 70 % up stipe, fibrillose above.

Gills: free; crowded; pale grey at first becoming greyish brown.

Flesh: thin, whitish discolouring to faintly straw colour.

Taste:

Spore print: pinkish brown.

Spores: ellipsoid; 5.1 – 6 × 2.8 – 4 μm , average 5.6 \pm 0.3 × 3.4 \pm 0.3, Q = 1.39 – 1.93, average Q = 1.67 \pm 0.16, thick walled; no germ pore.

Basidia: clavate; 20 × 6 – 8 μm ; four spored.

Cheilocystidia: short chains of globose cells.

Pileipellis: a cutis of hyaline hyphae with brown pigmented hyphae on surface forming the squamules.

Substrate: deep litter.

Habitat: rainforest with Eucalypts.

Notes: A small *Agaricus* with purple brown squamules and a distinctive ring. It is distinguished from *Agaricus* sp 1 by its smaller spores. It differs slightly from the Northern Hemisphere collections but appears to be closely related.

Collections examined: BT ??, Bellthorpe, Ix Nguyen, 16 Mar 2014.