

Agaricus species 2



Agaricus sp 2 © Ray Baxter

Cap: convex, becoming planoconvex with a central depression, with or without an umbo; 40 - 60 mm diameter; background cream, becoming yellow on drying, covered in small dark brown fibrillose scales; margin somewhat inrolled.

Stipe: cylindrical, base distinctly bulbous; 40 - 50 × 5 mm; white at first turning yellow brown at base; ring 60 – 75 % up stipe.

Gills: free; crowded; pale coffee colour at first, becoming very dark brown to black with a white sterile edge; one set of lamellulae.

Flesh: thin, white yellowing very slowly on exposure to air.

Spore print: dark brown.

Spores: ellipsoid; 4.4 - 5.9 × 2.1 - 3.4 µm.

Cheilocystidia: present, forming sterile edge to gill.

Pileipellis: a cutis with raised tufts of brown hyphae forming the squamules.

Habitat: growing in leaf litter in rainforest dominated by *Araucaria bidwillii*.

Notes: a small *Agaricus*, characterised by its size, fibrillose scales and bulbous stipe base. Possibly in the *Minores* group, its spores are too small for *A. dulcidulus* or *Agaricus* sp 1. No matching description has been found.

Collections examined: QMS P15, Paradise Falls Track, Bunya Mountains National Park, Ray Baxter, 28 Mar 2009; QMS 0038, Festoon Falls Track, Bunya Mountains National Park, Gretchen Evans, 28 Mar 2009.