

Agaricus sp 5



Agaricus sp 5 © Pat Leonard

Cap: convex becoming centrally depressed; 50 - 90 mm diameter; white; glabrous, shiny; margin somewhat appendiculate.

Stipe: cylindrical, hollow, tapering towards the base; 50 - 80 × 8 - 18 mm; white, glabrous; ring 3/4 way up stipe.

Gills: free, crowded; pinkish grey at first, becoming very dark brown.

Flesh: white, browning very slightly on exposure to air.

Smell: strong, agaricoid.

Spore print: dark chocolate brown.

Spores: ellipsoid; 4.9 - 5.9 × 3.4 - 4.3 μm, average 5.4 ± 0.3 × 3.75 ± 0.25 μm; Q = 1.15 - 1.63, average Q = 1.44 ± 0.13; thick walled, no germ pore.

Cheilocystidia: mostly clavate; not forming a sterile edge to the gill.

Pileipellis: not examined.

Habitat: growing under *Allocasurina littoralis* in a forest remnant left in the development as part of the landscaping.

Notes: attempts to key out this *Agaricus* failed, it goes to key 2 in FAN 5 but the spores do not match any of the species in that section. Has been retained as *Agaricus* sp 5.

Collections examined: PL 2313, Twin Waters estate, Maroochydore, Patrick Leonard, 4 Mar 2013.