

Mycena aff. fusca



Mycena aff. fusca © Pat Leonard

Cap: cap shallowly convex; 8 – 12 mm diameter; scurfy hairy; grey brown to sepia at first drying lighter; striate to sulcate.

Stipe: cylindrical with a small bulb at the base; 15 – 20 × 1 – 2 mm; glabrous; pale grey, darker towards the base; attached to substrate by mycelial threads below the bulb.

Gills: sub-decurrent; 14 – 20 reach stipe; grey; lamellulae in two series; some low cross veins.

Flesh: thin, pale greyish white.

Smell: strong, raphanoid (radish).

Spore print: white.

Spores: lacrymose ; 7 – 9.8 × 3.4 – 5.9 μm , average 7.9 \pm 0.7 × 4.3 \pm 0.6 μm , Q = 1.54 – 2.21, average Q = 1.85 \pm 0.21; amyloid, with oil droplet.

Basidia: narrowly clavate; 35 – 40 × 7 – 9 μm ; four spored; sterigmata long.

Cheilocystidia: clavate or somewhat irregular with dark granular contents; 40 – 50 × 8 – 12 μm .

Pleurocystidia: absent.

Pileipellis: a cutis of repent hyphae.

Substrate: very mixed litter, on leaves, petioles and small twigs.

Habitat: wallum heathland with *Eucalyptus*, *Angophora*, *Melaleuca* and *Allocasuarina*.

Notes: this collection keyed to section fragilipedes in Grgurinovic and to species *M. fusca*. But the spores are significantly smaller than those quoted in the key.

It should be possible to recognize this *Mycena* by its fuscous sulcate cap, grey gills and stipe and a small smooth grey bulb at the base.

Collections examined: PL 1480307, Maroochy Bushland Botanic Garden, Pat Leonard, 6 Mar 2007.