

Strobilomyces aff mollis



Strobilomyces aff mollis © Pat Leonard

Cap: convex; 35 – 45 mm diameter; densely floccose with black squamules upturned on a pale grey, occasionally pale reddish, base; margin appendiculate.

Stipe: clavate, with annulus; 35 – 40 × 10 – 12 mm; floccose; black.

Pores: emarginate; grey.

Flesh: off white, reddening slightly, particularly in the base, then blackening.

Taste:

Spore print: not obtained.

Spores: ellipsoid; $6.3 - 9.3 \times 5.7 - 7.1 \mu\text{m}$, $Q = 1.04 - 1.36$, average $7.9 \pm 0.7 \times 6.6 \pm 0.5 \mu\text{m}$, $= 1.2 \pm 0.1$; entirely reticulate with black ribs visible in water and KOH.

Basidia: narrowly clavate, four spored.

Pleurocystidia: clavate to langeniform.

Pileipellis: an irregular trichoderm; long filamentous hyphae form the squames at the surface, a confused mixture of similar long hyphae and some enlarged balloon cells below.

Habitat: growing singly with *Lophostemnon confertus* in Wallum in a relatively undisturbed section of the National Park.

Notes: whilst this is clearly a *Strobilomyces*, it is not readily assigned to a species. Watling & Li list only two annulate species, neither match this collection exactly. *S. sp 1* and *S. annulatus* are also possibilities, but *S. mollis* provides the closest match, but does not have an annulus fide Corner.

Collections examined: PL61310, Noosa National Park, Marcus Beach Section, Pat Leonard, 17 March 2010.