

Cystoderma aff granulorum



Cystoderma aff granulorum © Wayne Boatright

Cap: planoconvex; 20 – 25 mm diameter; matt with a covering of minute scales/granular cells which are denser at the centre; red brown (8D7 8G7).

Stipe: cylindrical to slightly clavate; 25 – 30 × 1 – 2 mm; glabrous with a purple tinge above a ring zone, squamose below with fibrous banded red-brown squamules.

Gills: adnexed; crowded; cream; with lamellulae in two series.

Flesh: off-white.

Smell: not distinctive.

Spore print: off-white.

Spores: broadly ellipsoid; 4.18 – 5.6 × 2.55 – 3.85 µm, average 5 ± 0.35 × 3.1 ± 0.4 µm, Q = 1.13 – 2.12, Av Q = 1.64 ± 0.23; smooth, thin-walled, amyloid.

Basidia: clavate; 20 – 25 × 4 – 6 µm; two- and four-spored.

Cheilocystidia: absent.

Pleurocystidia: not examined.

Pileipellis: not examined.

Habitat: in rainforest growing directly on a large Acacia log.

Notes: This collection has a superficial similarity with the *Tricholomopsis* sp described on page 39 of Australian Subtropical Fungi. However, the cap and spores differ. This specimen does not resolve to genus *Cystoderma* in Funkey. European keys suggest that it is close to *Cystoderma granulorum*.

Collections examined: PL20623; Willetts farm, Bellthorpe. Alice Serene, 17 June 2023.