

Date: 15 Mar. 2016. Black Sugarloaf, Birralee (big tree track).

Habitat: Closed wet Eucalypt forest.

Substrate large decaying bryophyte-covered eucalypt log.

Description: gregarious stalked lilaceous brown sporangia approximately 2 mm high (some 3 mm high). **Sporotheca** sub-cylindrical (wider at base), with rounded base and apex, 0.5 mm diameter **Stalk** $\leq \frac{1}{3}$ total height, black, shiny; netted and fibrous at base. **Hypothallus** contiguous under group where reddish black; shiny elsewhere. **Peridium** fugacious **Columella** reaches to near the apex of sporotheca where it merges into capillitium; wavy in upper part. **Capillitium** internal net with several meshes, smaller towards periphery, some membranous expansions; surface net angular. **Spores** lilaceous brown in mass, pale by transmitted light, minutely warted, 8–9 μm .

Notes: This is a very common species that appears in extensive colonies on large, strongly decayed eucalypt logs.

A collection (misidentified as *Comatricha pulchella*) was sent to Marianne Meyer who suggested *S. gracilis*. According to N.E.-N-B (1991) they are very similar. This collection keys out to *S. gracilis* i.e. cylindrical rather than ovoid sporotheca, and same internal capillitium but with membranous expansions.

