

Date 30 May 2014. Black Sugarloaf, Birrallee (Thismia Gully)

Habitat: Closed wet Eucalypt forest.

Substrate: Stag of dead fallen *Eucalyptus obliqua*

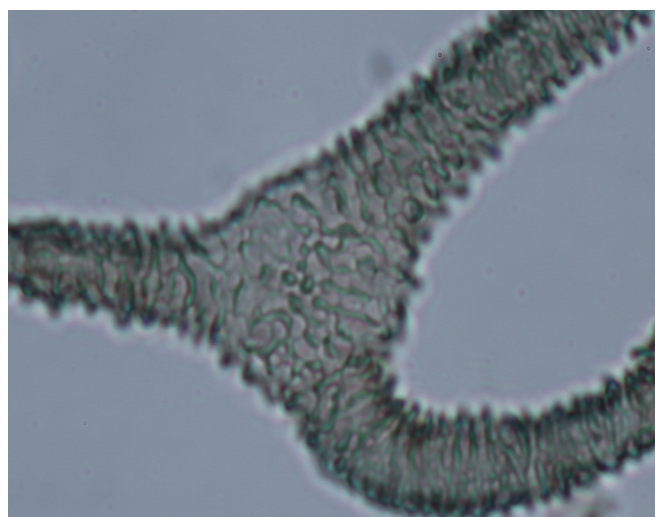
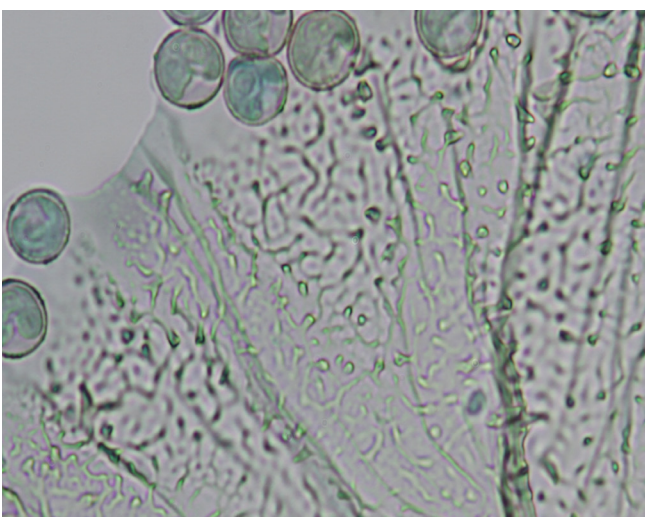
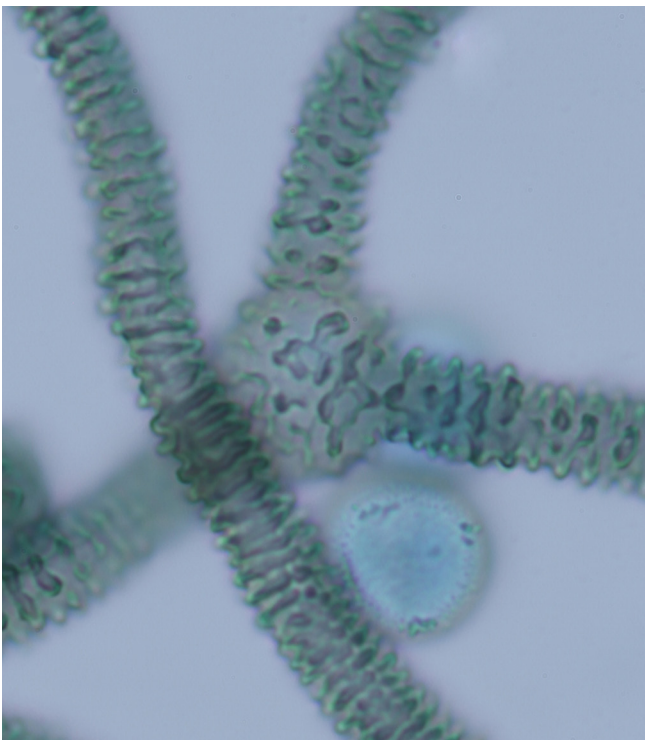
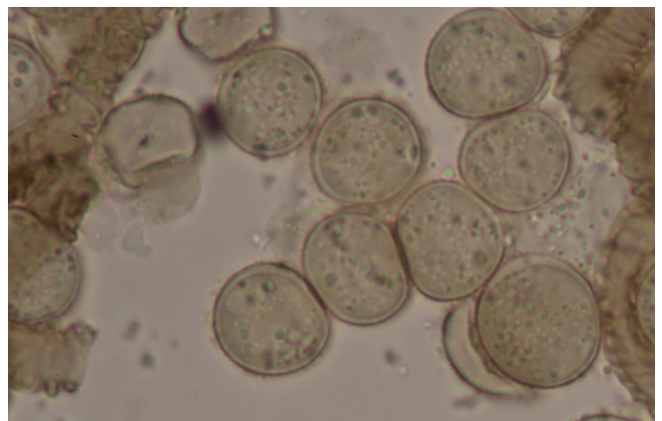
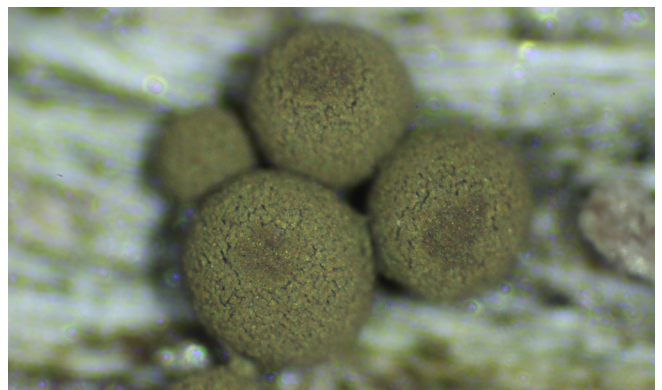
Description: Scattered and crowded sessile to very shortly stalked sporangia. **Sporangia** globose, sandy brown with fugacious iridescent peridium, 0.2–0.7 mm diameter.

Peridium iridescent peridium persists on very small sporangia, very small calyculus. Reticulum on calyculus observed with oil immersion lens. **Hypothallus** inconspicuous **Stalk** absent in most sporangia, very short, < 0.1 mm long.

Capillitium brown in mass, attached to base of calyculus, branching from nodes, decorated with rings, half rings and reticulate ridges and some warts, 4–5 µm wide with some thickenings. **Spores** sandy brown in mass, light brown by transmitted light, scattered warts, 10 µm.

Notes: One collection only with brown sporangia (See *A. ferruginea* # 0003.)

N.E. N-B (p. 101) states that 'sporangia ... are sometimes ochraceous, olive or olive -brown.'



Calyculus (x1000) and capillitium stained with lacto phenol cotton blue