

**Date** 28 Apr. 2017. Black Sugarloaf, Birralee (home).

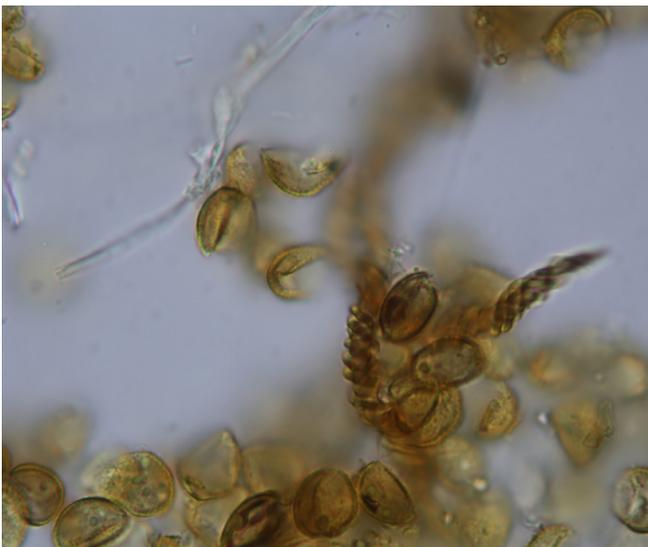
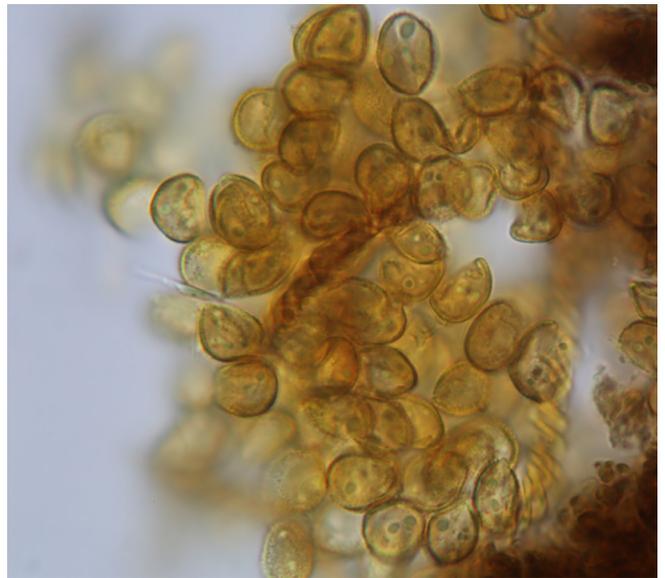
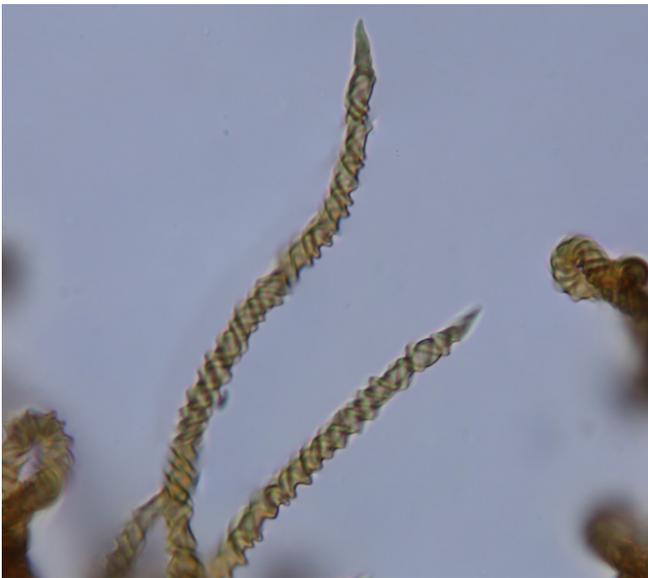
**Habitat:** Eucalypt forest.

**Substrate** inside of bark still attached to small eucalypt limbs (larger section of tree was cut for firewood).

**Description** Scattered and clustered sessile sporangia and short and long terete plasmodiocarps, 0.5 mm diameter to 4.5 mm long. **Hypothallus** contiguous under groups and protruding, yellowish and shiny. **Peridium** yellow to red-brown. **Capillitium** yellow in mass, ochraceous in transmitted light, 'loose' spirals, swollen before the short end, 4 µm wide.

**Spores** Yellow in mass and by transmitted light. Most spores not intact but warts visible, 10 µm.

**Notes** First record for Black Sugarloaf. Sporangia and plasmodiocarps 'infected' with the fungus *Polycephalomyces* sp. Superficially similar to *Perichaena vermicularis* but with different capillitium.



*Polycephalomyces* sp. on *Trichia contorta*.