**Comatricha vineatilis** Nann.-Bremek.

**Date** 26 June 2016. Black Sugarloaf, Birralee (home).  
**Habitat:** Eucalypt forest.  
**Substrate:** Bark of log on firewood pile.  
**Description:** small group of stalked sporangia, 1–1.5 mm high. **Sporotheca** ovoid to sub-cylindrical (pointed at apex; rounded at base), dark brown, 0.7–1.1 mm. **Stalk** black, subulate, 0.3–0.4 mm long. **Peridium** fugacious. **Columella** reaches to apex of sporotheca where it tapers to a fine point. **Capillitium** sparse, very dark brown with some branching and protuberances. **Spores** dark brown in mass, brown by transmitted light, warted with clusters of darker warts forming a ± reticulate pattern, 9–10.5 µm.  
**Notes:** Numerous small groups of *Comatricha* spp. (or *Paradiacheopsis* spp.) of various species were collected in 2016 on logs stacked for firewood. This collection was in poor condition. According to Stephenson (2003) this and other species of *Comatricha* are associated with the bark of living trees and are often found in moist chamber cultures.