

Tyntesfield Audit 17 August 2018

The 2018 “heatwave” was now fully established and drought conditions were widespread. It was therefore a surprise to find a good range of fungi on the Estate. The polypore on Monkey Puzzle found in June had developed well (see below) and was “confirmed” as *Ganoderma carnosum*, a species rarely reported in the UK. Samples have been sent to Kew for DNA analysis. The commonest fungi were mildews on various host plants including Oak, Sycamore, Buttercup, Plantain and Enchanter’s Nightshade. Of the larger fungi several were worthy of note. Birds nest fungi (*Cyathus striatus*) were in profusion in litter in Plantation and *Volvariella bombycina* was found growing inside of a decayed sweet chestnut trunk near Reception. This species has previously only been found four times on the Estate. Other interesting species are illustrated below.

List of Fungi

Agrocybe cylindracea

Annulohyphoxylon multiforme

Bjerkandera adusta

Bolbitius titubans

Cerrena unicolor

Crepidotus mollis

Cyathus striatus

Erysiphe alphitoides

Erysiphe aquilegiae

Erysiphe aquilegiae

Erysiphe circaeae

Erysiphe circaeae

Ganoderma carnosum

Golovinomyces sordidus

Gymnopus dryophilus

Laetiporus sulphureus

Lycogala epidendrum

Marasmius oreades

Physisporinus vitreus

Pleurotus ostreatus

Pluteus salicinus

Polyporus leptcephalus

Polyporus squamosus

Sawadaea bicornis

Schizophyllum commune

Skeletocutis amorphia

Trametes gibbosa

Volvariella bombycina

Xerula radicata

Xylaria hypoxylon

Xylaria sp.

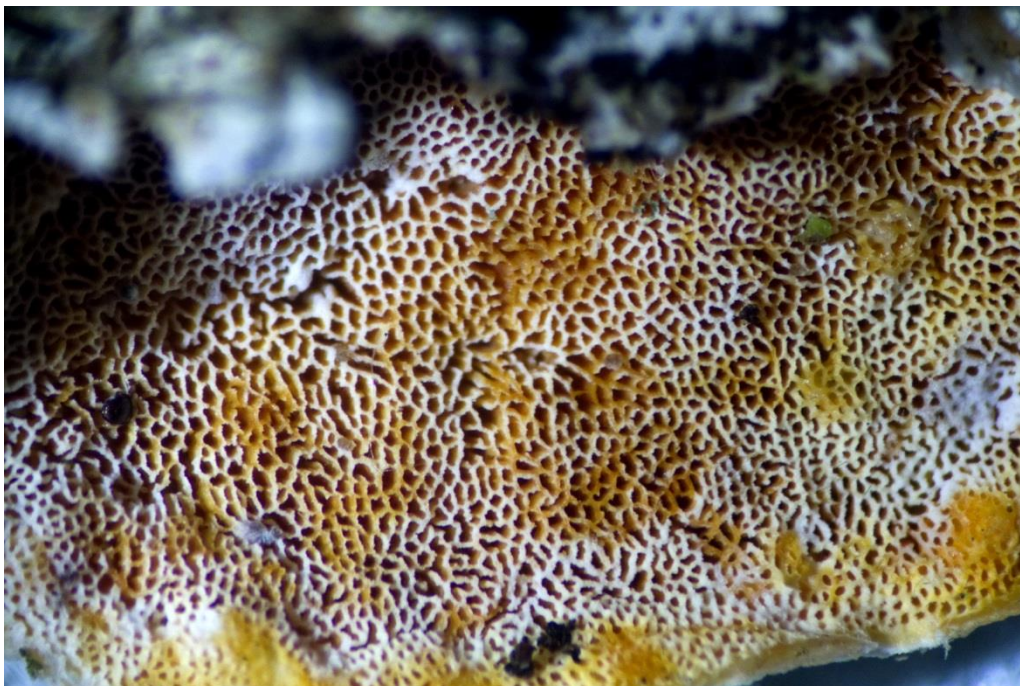
Ganoderma carnosum growing on a stump of a felled monkey Puzzle (*Araucaria araucana*)



Bolbitius titubans, showing the highly pruinose stipe characteristic of young fruiting bodies (left)
Volvariella bombycina found growing inside a rotten trunk of Sweet Chestnut (right)



Skeletocutis amorphia growing tiered on wood in Plantation



Physisporinus vitreus encrusted on the sawn end of a Lime trunk

