

Tyntesfield Audit 19 February 2019

Xylaria cinerea



Four species new to Tyntesfield were discovered. The most exciting was *Xylaria cinerea*, found growing extensively amongst a pile of logs in Plantation. In 2007 John and Doreen found this fungus in Weston Big Wood, but being unable to identify it, it was sent to experts for further study. Their conclusion was that it was a strange form of a well-known *Xylaria* species. A sample was stored at Kew. Much later a French team completed a thorough survey of the Genus *Xylaria* in Europe. Amongst the species described was one which fitted exactly to that which had been seen in Weston Big Wood. The sample at Kew was sent to France for analysis. They confirmed that the Weston Big Wood sample was indeed *X. cinerea* – the first worldwide record. Since then three more sightings, all in the SW have been recorded, including one in National Trust woodland near Porlock. So the Tyntesfield examples are only the fifth ever seen in the UK. A full history of the discovery of *X. cinerea* is available at the link shown on the Tyntesfield home page.

Three Fungi on Rabbit Dung

The other new species were *Ascobolus brassicae*, *Iodophanus carneus* and *Pilobolus roridus* (for images see below), both on the surface of rabbit droppings on the South Lawn.

Generally, however, there were very few fungi in February. Among those found were several examples of *Clitocybe fragrans*, *Flammulina velutipes*, *Pleurotus ostreatus* and *Sarcoscypha austriaca* (Scarlet Elf Cup).

List of Fungi

Antrodia serialis

Ascobolus brassicae

Auricularia auricula-judae

Badhamia utricularis

Bjerkandera adusta

Clitocybe fragrans

Daldinia concentrica

Exidia thuretiana

Flammulina velutipes

Galerina subclavata

Hypholoma fasciculare

Inocybe geophylla

Iodophanus carneus

Lachnum virgineum

Mycena filipes

Panellus stipticus

Pilobolus roridus var. *roridus*

Pleurotus ostreatus

Psathyrella corrugis

Puccinia buxi

Sarcoscypha austriaca

Stereum hirsutum

Tremella mesenterica

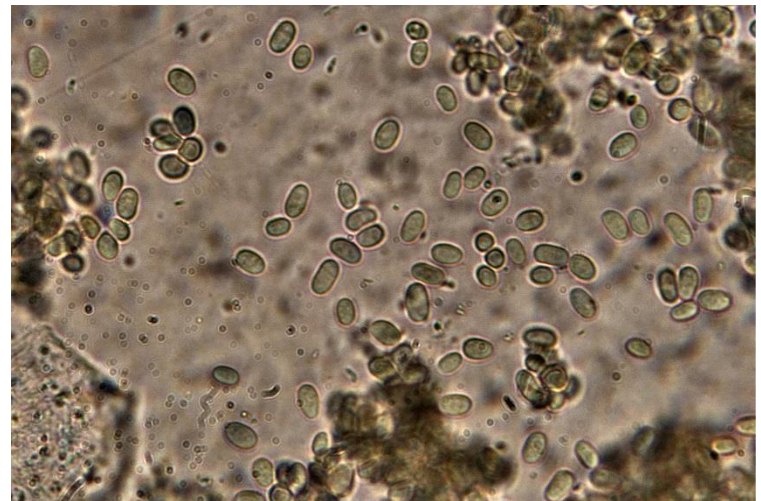
Tubaria furfuracea

Xylaria cinerea

Xylaria hypoxylon

***Pilobolus roridus*: an easy Genus to identify. The species was deduced from the spores - 4.5-6.5 x 3-4 μ .**

On rabbit dung

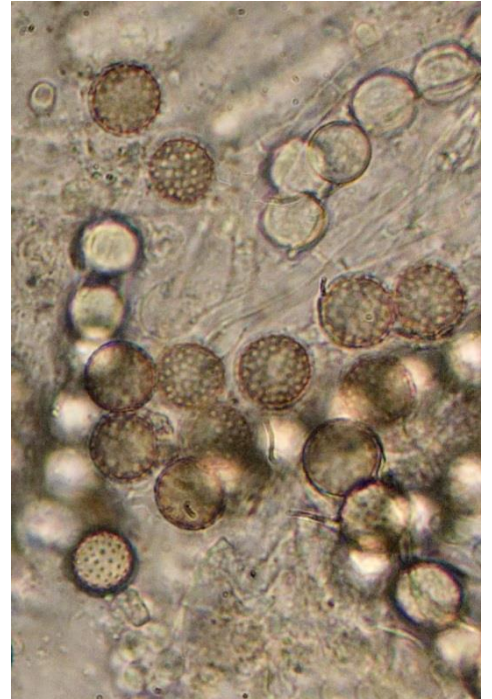


Spores

Ascobolus brassicae: again the Genus is clear. The species was evident from the globose spores with large isolated warts on their surfaces.



Fruiting structures on rabbit dung.



Spores

Pleurotus ostreatus: growing on the top of a tree stump



Badhamia utricularis: a magnificent Myxomycete growing typically “upside down” on the underside of a felled log.

