

Tyntesfield Audit 23 August 2017

While most people complained about the rain in August, like many other mycologists we enjoyed the consequent harvest of fungi. We recorded over 100 species at the Audit. The 3 most noteworthy are probably:

Mycena pearsoniana. Two examples of "*M. pura*" were found growing 2-3 feet apart in the woods. One was purple, with emarginated gills and numerous pleurocystidia (= *M. pura*). The other was a washed out pinkish-grey with sub-decurrent gills and no pleurocystidia (= *M. pearsoniana*): We first found this species locally only last year.

Cystolepiota icterina. A small yellow fungus which was added to the British List only in 2011 following finds in VC6 by (the recently deceased) Nick Legon. The FRDBI (national database) only has 4 records - all by Nick and all in Somerset!. CATE has no records of the species

Dermoloma magicum. Found again in Park Field. This is a Dermoloma whose flesh discolours 'red' (ie orange) and then goes rapidly black. The first record on the FRDBI is from 2001. There are 10 records there in total including a previous collection from Tyntesfield in 2013.

We also found *Agaricus osecanus*, *Amanita lividopallescens*, *Hygrocybe intermedia*, *Inocybe grammata*, several interesting *Lepiota species*, including several examples of *L. boudieri*, and two fine species of *Pluteus* – *P. umbrosus* and *P. thomsonii*.

List of Fungi

<i>Agaricus osecanus</i>	<i>Gymnopilus dryophilus</i>	<i>Lepiota cristata</i>
<i>Agaricus silvicola</i>	<i>Gymnopilus penetrans</i>	<i>Lepiota cristata</i>
<i>Amanita citrina</i>	<i>Gymnopus confluens</i>	<i>Lepiota pseudolilacea</i>
<i>Amanita lividopallescens</i>	<i>Gymnopus dryophilus</i>	<i>Lepiota tomentella</i>
<i>Amanita phalloides</i>	<i>Gymnopus fusipes</i>	<i>Lepista flaccida</i>
<i>Arcyria denudata</i>	<i>Gymnopus peronatus</i>	<i>Lycoperdon excipuliforme</i>
<i>Armillaria mellea</i>	<i>Hebeloma velutipes</i>	<i>Lycoperdon molle</i>
<i>Auricularia auricula-judae</i>	<i>Heterobasidion annosum</i>	<i>Lycoperdon perlatum</i>
<i>Bolbitius titubans</i>	<i>Hydropus subalpinus?</i>	<i>Lycoperdon pratense</i>
<i>Boletus badius</i>	<i>Hygrocybe intermedia</i>	<i>Lycoperdon pyriforme</i>
<i>Boletus porosporus</i>	<i>Hygrophorus discoxanthus</i>	<i>Lyophyllum decastes</i>
<i>Byssomerulius corium</i>	<i>Hypoloma fasciculare</i>	<i>Lyophyllum eustygium</i>
<i>Calocera viscosa</i>	<i>Inocybe adaequata</i>	<i>Marasmius cohaerens</i>
<i>Clavaria fumosa</i>	<i>Inocybe asterospora</i>	<i>Marasmius oreades</i>
<i>Clitocybe fragrans</i>	<i>Inocybe duriuscula</i>	<i>Marasmius rotula</i>
<i>Clitopilus prunulus</i>	<i>Inocybe geophylla</i>	<i>Melanoleuca polioleuca</i>
<i>Conocybe pilosella</i>	<i>Inocybe grammata</i>	<i>Mutinus caninus</i>
<i>Coprinellus micaceus</i>	<i>Inocybe maculata</i>	<i>Mycena galericulata</i>
<i>Coprinus comatus</i>	<i>Inocybe phaeoleuca var.</i>	<i>Mycena haematopus</i>
<i>Crepidotus mollis</i>	<i>phaeoleuca</i>	<i>Mycena olida</i>
<i>Cystolepiota icterina</i>	<i>Inocybe rimosa</i>	<i>Mycena pearsoniana</i>
<i>Cystolepiota seminuda</i>	<i>Inocybe sindonia</i>	<i>Mycena pelianthina</i>
<i>Dermoloma cuneifolium</i>	<i>Laccaria amethystina</i>	<i>Mycena pseudocorticola</i>
<i>Dermoloma magicum</i>	<i>Laccaria laccata</i>	<i>Mycena pura</i>
<i>Echinoderma aspera</i>	<i>Lactarius fulvissimus</i>	<i>Mycena rosea</i>
<i>Entoloma hebes</i>	<i>Lactarius quietus</i>	<i>Mycena vitilis</i>
<i>Gliophorus psittacinus</i>	<i>Laetiporus sulphureus</i>	<i>Mycena tenerima</i>
<i>Gliophorus psittacinus</i>	<i>Lepiota boudieri</i>	<i>Oudemansiella mucida</i>

Panaeolina foenisepii
Parasola schroeteri
Phallus impudicus
Pholiota gummosa
Pholiota squarrosa
Pluteus phlebophorus
Pluteus pouzarianus
Pluteus thomsonii
Pluteus umbrosus
Polyporus leptocephalus
Postia caesia

Psathyrella cadolleana
Psathyrella leucotephra
Pterula multifida
Rhodocollybia butyracea
Russula chloroides
Russula cuprea
Russula cyanoxantha
Russula luteotacta
Russula nigricans
Russula ochroleuca
Russula sanguinaria

Sarcomyxa serotinus
Schizophyllum commune
Scleroderma verrucosum
Scutellinia scutellata
Stereum hirsutum
Trametes gibbosa
Trametes versicolor
Tubifera ferruginosa
Xerula radicata

Dermoloma cuneifolium (left) and D. magicum (right): note blackening of D. magicum when cap was damaged.



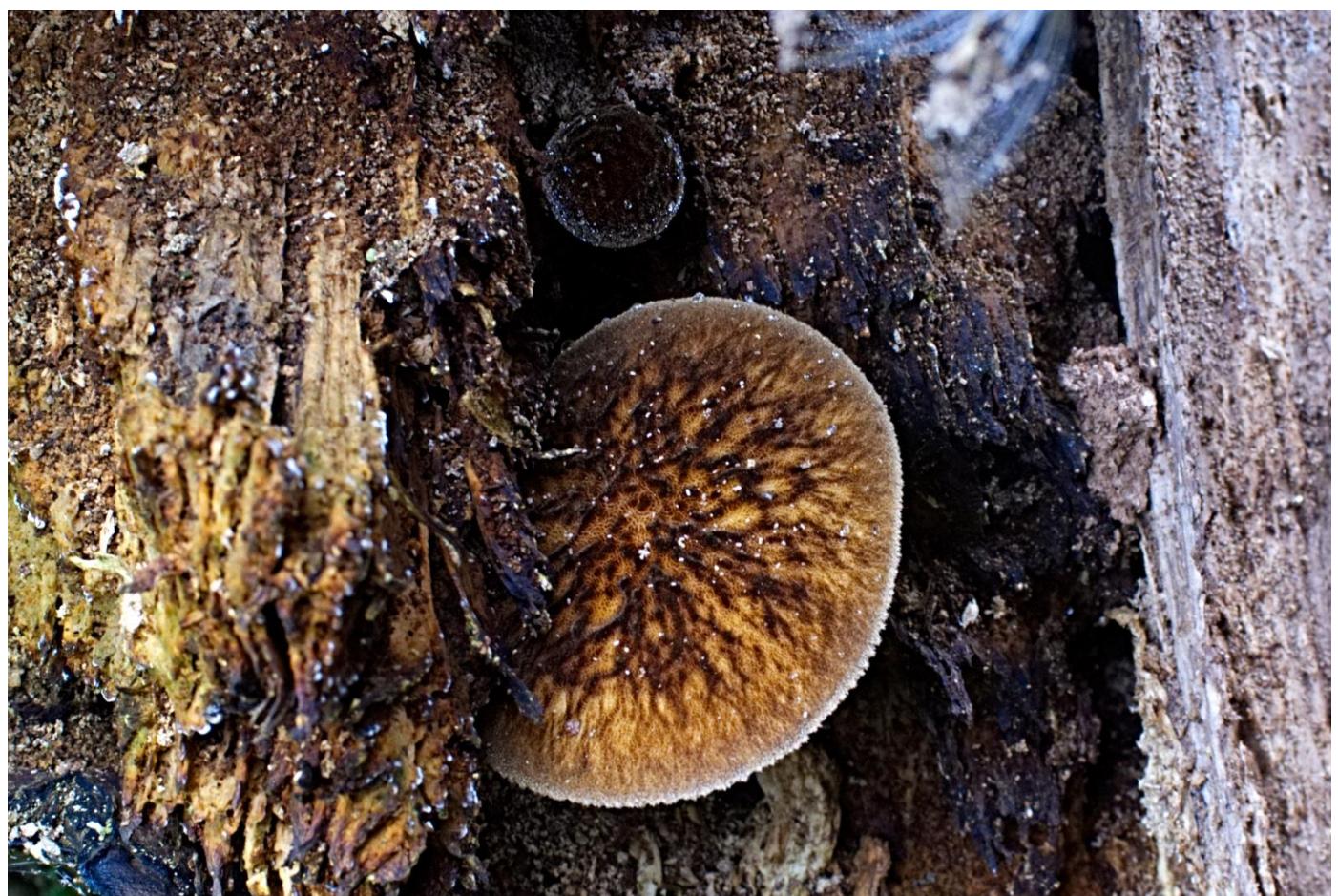
Amanita phalloides: common in the upper reaches of Plantation. Hygrocybe intermedia on the roadside verge.



Pluteus thomsonii: the most beautiful of all the *Pluteus* species. It has cheilocystidia with very long rostra (needle points). This was found growing in wood chip at one of the children's playgrounds.



Pluteus umbrosus: another fine species, growing inside a rotten log.



Echinoderma aspera: several examples were found in the woods



Lepiota boudieri: characteristic clamps can be found in the cap hyphae



Xerocomellus porosporus: showing typical colouration of the fruiting body. Spores have a proportion with truncated ends.



Arcyria denudata (left) and an unusual Amanita – *A. lividopallescens*

