



**Cyfoeth  
Naturiol**  
Cymru  
**Natural  
Resources**  
Wales

# Fungal Survey of the Wye Valley Woodlands Special Area of Conservation (SAC)

Alan Lucas  
Freelance Ecologist

NRW Evidence Report No 242

## About Natural Resources Wales

Natural Resources Wales' purpose is to pursue sustainable management of natural resources. This means looking after air, land, water, wildlife, plants and soil to improve Wales' well-being, and provide a better future for everyone.

## Evidence at Natural Resources Wales

Natural Resources Wales is an evidence based organisation. We seek to ensure that our strategy, decisions, operations and advice to Welsh Government and others are underpinned by sound and quality-assured evidence. We recognise that it is critically important to have a good understanding of our changing environment.

We will realise this vision by:

- Maintaining and developing the technical specialist skills of our staff;
- Securing our data and information;
- Having a well resourced proactive programme of evidence work;
- Continuing to review and add to our evidence to ensure it is fit for the challenges facing us; and
- Communicating our evidence in an open and transparent way.

This Evidence Report series serves as a record of work carried out or commissioned by Natural Resources Wales. It also helps us to share and promote use of our evidence by others and develop future collaborations. However, the views and recommendations presented in this report are not necessarily those of NRW and should, therefore, not be attributed to NRW.

Report series: NRW Evidence Reports  
Report number: 242  
Publication date: February 2018  
Contract number:  
Contractor: Alan Lucas  
Contract Manager: R Bacon  
Title: **Fungal Survey of the Wye Valley Woodlands Special Area of Conservation (SAC)**  
Author(s): **Lucas, A**  
Technical Editor: SDS Bosanquet  
Peer Reviewer(s): S Westwood  
Approved By: R Jones  
Series editor(s): Dr C Duigan  
Restrictions: None

#### **Distribution List (core)**

NRW Library, Bangor	2
National Library of Wales	1
British Library	1
Welsh Government Library	1
Scottish Natural Heritage Library	1
Natural England Library (Electronic Only)	1

#### **Distribution List (others)**

British Mycological Society (Electronic Only)

#### **Recommended citation for this volume:**

Lucas, A.J. 2018. Fungal Survey of the Wye Valley Woodlands Special Area of Conservation (SAC). NRW Evidence Report No: 242, 39 pp, NRW, Cardiff

# Contents (This is automatic)

- 1. Crynodeb Gweithredol .....5
- 2. Executive Summary .....5
- 3. Introduction.....6
  - 3.1. Aim .....6
  - 3.2. Objective .....6
- 4. Methods.....7
  - 4.1. Methodology.....7
  - 4.2. Site Descriptions .....8
- 5. Results .....15
- 6. Discussion .....16
- 7. References .....18
- Appendix 1 – full data .....20
- Appendix 2 – Data Archive .....32
- Appendix 3 – Images.....32

## 1. Crynodeb Gweithredol

- Nid oes arolwg mycolegol penodedig o ACA Coetiroedd Dyffryn Gwy wedi ei gynnal yn y gorffennol.
- Cynhaliwyd 2 wythnos o waith arolygu caeau a gwaith ymchwil drwy ddefnyddio microsgop yn ystod tymor yr hydref 2017 i ddarparu rhestr dros dro o'r amrywiaeth o mycota ar hyd rhan Cymru o ACA Coetiroedd Dyffryn Gwy.
- Ymwelwyd â 6 SoDdGA fel rhan o'r arolwg hwn.
- Arsylwyd 211 rhywogaeth o ffyngau.
- Cofnodwyd 7 rhywogaeth o ffyngau a oedd yn newydd i Gymru.
- Cofnodwyd fod y rhywogaeth *Chlorencoelia versiformis* (Adran 41, Deddf NERC) yn newydd i Gymru, ac y dylid ystyried ei hychwanegu at restr Rhan 7 o Ddeddf yr Amgylchedd (Cymru).
- Roedd 20 rhywogaeth o ffyngau a gofnodwyd yn nodedig i Gymru.
- Mae angen cynnal gwaith arolygu pellach ar adegau priodol o'r flwyddyn i ddatblygu'r asesiad cychwynnol hwn o'r casgliad mycolegol.

## 2. Executive Summary

- A dedicated mycological survey of the Wye Valley Woodlands SAC has not been undertaken in the past.
- Two weeks of field survey and microscope identification work was undertaken during the autumn of 2017 to provide a provisional inventory of mycota diversity across the Welsh component of the Wye Valley Woodlands SAC.
- A total of 6 SSSI's were visited as part of this survey.
- 211 species of fungi were observed.
- 7 species of fungi recorded were new to Wales.
- The NERC Act Section 41 species *Chlorencoelia versiformis* was recorded new for Wales, and should be considered for addition to the Environment (Wales) Act Section 7 list.
- 20 species of fungi recorded were notable for Wales.
- Further survey is required at appropriate periods of year to build on this preliminary assessment of the mycological assemblage.

## 3. Introduction

### 3.1. Aim

This body of work will aim to improve the current knowledge of the mycological interest of the Wye Valley Woodlands SAC.

To date, records of mycological diversity in the Wye Valley Woodlands SAC have been collected by the Dean Fungus Group since 2013 (focussing on Lady Park Wood National Nature Reserve) and by local recorders within the Wye Valley. At present limited information is known regarding the mycological interest of the various SSSI's that make up the Wye Valley Woodlands SAC. Some other woodlands in South Wales are known to be of mycological interest, in particular Cwm Clydach NNR (Evans, 2006).

The focus of this survey will be sites with little or no existing data and if timings/seasons permit, a focus be given to the accurate identification of some critical woodland groups (e.g. Boletes, Hydroids, *Cortinarius* amongst others).

### 3.2. Objective

To compile over the course of the contract, a provisional inventory of woodland mycota found across the Sites of Special Scientific Interest that make up the Welsh side of the Wye Valley Woodlands SAC.

Where possible recording effort will focus on the identification of any woodland fungi of national or local mycological importance. These works will be the first phase of an intended larger body of work planned for the coming years aimed at producing a comprehensive inventory of mycota of conservation importance across the Wye Valley Woodlands. This inventory in the longer term will aid the process of drawing up management guidelines as a basis for the sustainable management of the woodlands within the Wye Valley Woodlands SAC and potentially the wider landscape.

## 4. Methods

### 4.1. Methodology

The initial contract stated a minimum of 2 woodland SSSI sites be surveyed from a list of 9 sites (see table below) with an aim of covering a broad range of woodland community types. Six of the nine woodlands were visited during the course of the contract.

Woodlands surveyed were visited by the contracted surveyor Mr Alan Lucas for two five day periods. The first, covered the period 29<sup>th</sup> September 2017 – 3<sup>rd</sup> October 2017 and the second, from 5<sup>th</sup> November 2017- 9<sup>th</sup> November 2017.

Table 1. Woodland SSSI's within the Wye Valley, and their listed priority for monitoring under the work specification. Sites surveyed are highlighted.

Priority	SSSI Name	Size (ha)	Grid Reference
1	Pierce, Alcove & Piercefield Woods	78.66	ST530958
2	Blackcliff/Wyndcliff	122.45	ST531979
3	Fiddler's Elbow	44.75	SO527140
4	Graig Wood	14.86	SO533087
5	Lower Hael Wood	18.45	SO533075
6	Livox Wood	20.22	SO519112
7	Cleddon Shoots Woodland	11.18	SO523041
8	Harper's Grove, Lords Grove	23.50	SO528113
9	Upper Wye Gorge	54.97	SO546147

Survey generally commenced around 08:00 hrs each day and finished around 17:00 hrs. Initially, recording effort focussed on finding rare and noteworthy species of critical woodland groups (i.e. Ectomycorrhizal species). As only a few rare or notable mycorrhizal or saprotrophic species were recorded in the first five days, the focus of the survey was revised, aiming instead to produce a comprehensive list of all species encountered to supplement the limited findings of the first week.

All species records were compared against existing records in the following known mycological/biological databases:-

- 1) FRDBI – Fungal Records Database of the British Isles

- 2) FRDBI2 – Fungal Records Database of the British Isles 2
- 3) CATE2 – Database of the Fungus Conservation Trust
- 4) National Biodiversity Network (NBN)

This comparison provided a provisional assessment of the current known distribution of all species encountered during the survey. Any species with 6 or less previous records in Wales using the above four databases were listed as 'notable'. This list was then further refined by cross referencing with any records held on ADERYN – The Local Environmental Records Centres Wales' Biodiversity Information & Reporting Database. If the combination of species records for Wales across the 5 databases was still 6 or less, the species remained on the 'notable' list of species (this refinement removed a further 10 species).

Alongside the list of 'notable' species, an inventory was produced illustrating the details of all records made during the course of the survey (see Results section and Appendix 1).

Any specimens that could not be identified in the field were taken for microscopic examination. Specimens of interest (e.g. good quality specimens or rare specimens) were dried and sent to the UK National Fungus Collections held at the Fungarium at Jodrell Laboratory, Royal Botanic Gardens, Kew, Richmond.

#### 4.2. Site Descriptions

The following site descriptions have been informed by previous Phase II woodland surveys undertaken by EcoTech in 1996 (Miletto & Castle 1996a, 1996b, 1996c, 1996d, 1996e, 1996f), full site descriptions including woodland structure and NVC communities can be found in these reports.

##### Pierce, Alcove & Piercefield Woods SSSI

This site is 78ha in size and comprises several component woodlands: Castle Wood, Alcove Wood, Pierce Wood, Piercefield Cliffs, Cave Wood & Lower Martridge Wood (Figure 1).



With the exception of Pierce Wood, the majority of this woodland SSSI (approx. 37ha) comprises a canopy of ash (*Fraxinus excelsior*) & small-leaved lime (*Tilia cordata*) with localised sycamore (*Acer pseudoplatanus*) yew (*Taxus baccata*), sweet chestnut (*Castanea sativa*) and horse chestnut (*Aesculus hippocastanum*) which are sometimes abundant (e.g. sweet and horse chestnuts along the Piercefield ha-ha).

22ha of woodland across the site contain a distinctive underlying secondary canopy of *T. baccata* amongst a tall emergent canopy of broadleaved species, typically *T. cordata*, *F. excelsior*, beech (*Fagus sylvatica*) and *Q. robur*.

Pierce Wood includes an old red sandstone outcrop which contains an Iron Age hillfort. Roughly 18ha of woodlands in this part of the site are dominated by *T. cordata* with frequent pedunculate oak (*Quercus robur*), silver birch (*Betula pendula*) and *F. sylvatica*.



Lower Martridge Wood, Lower Wyndcliff Wood, (Upper) Wyndcliff Wood, Liveoaks Brake, Liveoaks Grove, Blackcliff Wood, Lower Linenwell Wood & Upper Linenwell Wood (see Figure 2).

*Taxus baccata* woodland, similar in composition to that of Pierce, Alcove & Piercefield Woods SSSI, makes up roughly 20ha of the site. The yew woodland at Blackcliff/Wyndcliff is however noted to contain fewer emergent broadleaved species than at Piercefield, with 'occasional' *F. excelsior*, *Q. robur* and common whitebeam (*Sorbus aria*).

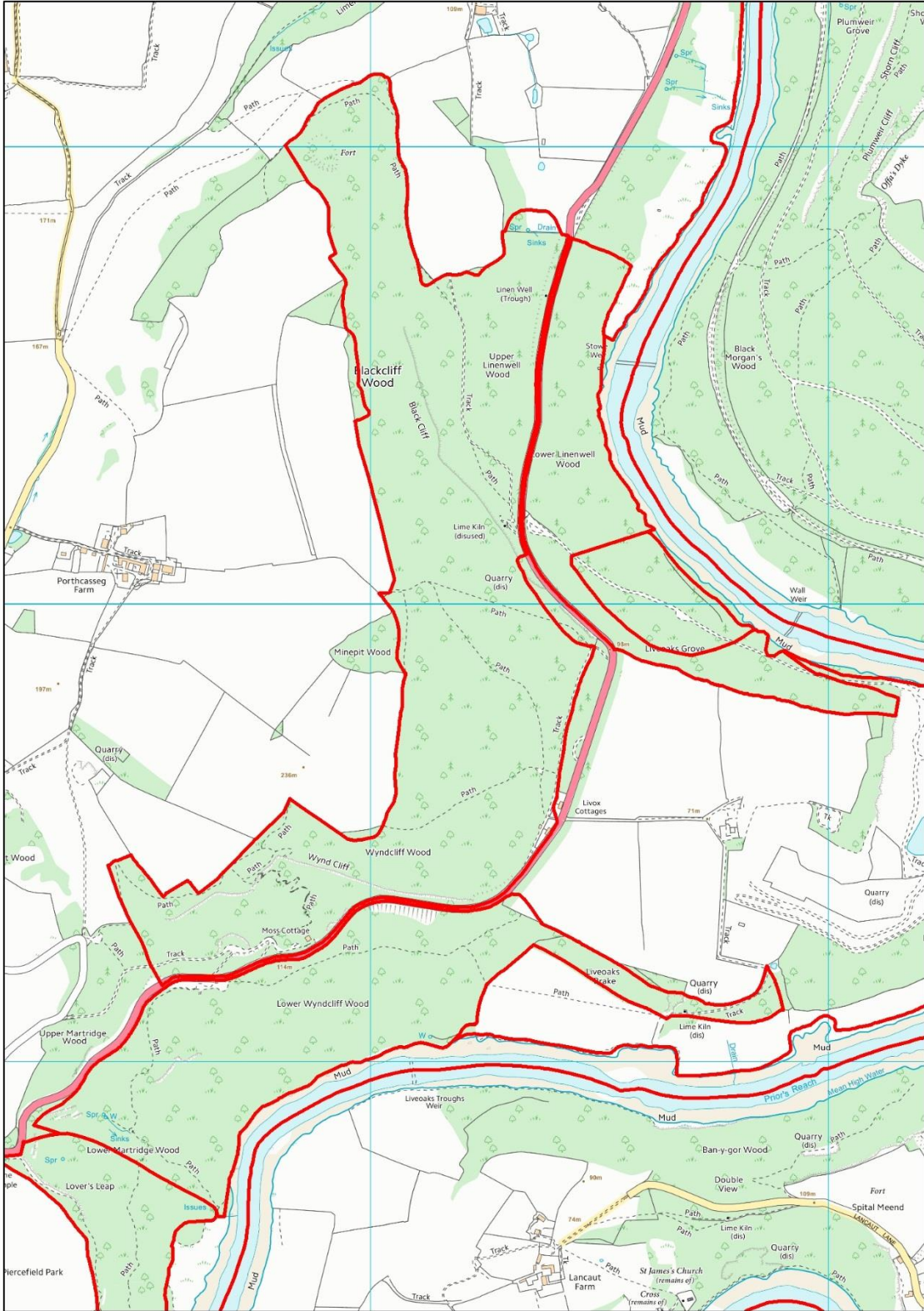
*Fraxinus excelsior* and *T. cordata* dominated woodland makes up around 50ha of this site with *F. sylvatica*, wild cherry (*Prunus avium*) and *Q. robur* locally frequent throughout.

Over the site there are two small pockets (each <1ha) of *Q. robur* woodland containing maiden standards of *Q. robur* with either abundant *F. sylvatica* or relict *T. cordata* coppice.

The remaining bulk of the woodland at Blackcliff/Wyndcliff (approx. 35ha) is *F. sylvatica* dominated woodland typically with *F. excelsior* as the next most common canopy associate. This woodlands is typically either mature open high beech forest or dense young plantations of beech with more mature *F. excelsior* trees amongst them.



Figure 2. Map showing 'Blackcliff/Wyndcliff SSSI' and component woodlands.



### Fiddler's Elbow

The woodlands of Fiddlers Elbow cover an area of roughly 45ha and comprise two main woodland blocks Priory Grove and Garth Wood, that are separated by the A4136.

Survey effort was kept to Priory Grove north of the A4316. The majority of survey time was spent in an area of oak woodland comprising *Q. robur*, with a relatively high composition of *T. cordata* and *Castanea sativa*. This area of high forest spanned slopes of a north-westerly and south-easterly aspect on either side of a footpath following a high ridge running through the middle of the woodland.

At several points along the margins of the footpath there were mature coppiced *F. sylvatica*.

On the south-easterly slope there was also an area of approximately 3ha of beech woodland comprising a canopy dominated by *F. sylvatica* with occasional *Q. robur* and a sparse understorey of hazel (*C. arvensis*) and patches of *F. sylvatica* regeneration.

### Graig Wood

Graig Wood SSSI is a 14.8ha woodland block. The site is made up of two woodland ownerships, Prisk Wood (4ha) located on the upper western edge of the site, owned by the Gwent Wildlife Trust and Graig Wood making up the bulk of the site, falling within the Welsh Government Woodland Estate managed by NRW as part of the larger Colonel's Park Woodland complex.

The majority of the woodland (12ha) has a canopy dominated by *F. excelsior* and frequent *Acer pseudoplatanus* often on steep rocky east facing slopes over an old red sandstone bedrock. The higher western woodland has a higher composition of *A. pseudoplatanus* and in wetter areas to the north aspen (*Populus tremula*) is locally prominent. Other canopy and/or subcanopy species that are locally prominent through this ash woodland are *Q. robur*, *B. pendula* and *Ulmus glabra*.

At the south-eastern end of the site the canopy is increasingly dominated by *Q. robur*. This area of oak woodland (roughly 2.4ha) has a broader assemblage of canopy species including *F. sylvatica*, *T. cordata*, *F. excelsior* and *A. pseudoplatanus* amongst others.

Due to the difficult terrain at this site, survey effort was mostly kept to the main forestry track running along the eastern edge of the woodland and other footpaths traversing through the upper tier of the woodland in Prisk Wood.

### Lower Hael Wood

Lower Hael Wood SSSI falls within the same Colonel's Park Wood complex as Graig wood. The site is 17.6ha in size and is located on sandstone bedrock on a steep east facing slope. The lower eastern edge of the site is made up of oak woodland with a canopy dominated by *Q. robur*, *F. sylvatica* and *T. cordata* with locally prominent *F. excelsior* and *A. pseudoplatanus*.

The upper slopes of the site contain two woodland communities. Ash woodland, similar in composition to that of Graig Wood with the addition of *P. avium* and *F. sylvatica* in the canopy makes up approximately 4ha. Beech woodland covers roughly 5ha of the south-western end of the upper slopes of the SSSI and extends out of the SSSI to both the south and west onto the hilltop. This woodland is dominated by beech with some scattered *F. excelsior*, *P. avium* and *A. pseudoplatanus* with a sparse shrub layer, it was this woodland in which survey effort was primarily focussed.

### Upper Wye Gorge

The Upper Wye Gorge is a large woodland SSSI that spans the English Welsh border at Symonds Yat. Within the wider Upper Wye Gorge SSSI lies Lady Park Wood National Nature Reserve (NNR), a 45ha block of woodland that has been designated for research interest as a result of the long-term historic recording of woodland processes that has been undertaken on the site since the 1940's.

The majority of the NNR is an area dedicated as non-intervention. Natural England Reserve staff maintain a 6ft high fence around this part of the wood in

an attempt to exclude deer and boar that are present in the wider Highmeadow Woods Complex (owned and managed by the Forestry Commission).

Survey was focussed on the non-intervention part of the NNR. Within this part of the site the higher western edge is composed of ash woodland containing abundant *F. excelsior*, often historic coppice alongside a broad assemblage of other canopy species including sessile oak (*Q. petraea*), *Q. robur*, *T. cordata*, and large *F. sylvatica* maiden trees.

Lower down the banks to the north-east and before the cliffs, the woodland is dominated by large *F. sylvatica* with scattered *Quercus* hybrids, *T. cordata* and *F. excelsior*. This area has been subject to previous historic coppice management with some multi-stemmed ash, lime and beech.

## 5. Results

In total 274 records were collated during the course of the survey, covering 211 different species of fungi.

One Red Data List species, *Chlorencoeila versiformis* listed as 'Endangered/B' on the Red Data List of Threatened British Fungi (Evans et al. 2006) was recorded during the survey. This species is listed under Section 41 of the NERC Act as being of a species of principal importance for biodiversity conservation in England, and should be considered for addition to Section 7 of the Environment (Wales) Act.

In addition, 5 species that had been removed from the previous Red Data List as part of the 2006 review were found, these included *Camarophylloporus atropunctata*, *Cortinarius largus*, *Lepiota xanthophylla*, *Agaricus xanthodermus* var. *lepiotoides* and *Leucoagaricus badhamii*.

Seven species were new records for Wales:-

- *Rigidoporous undatus*
- *Chlorencoeila versiformis* (Red List - Endangered)

- *Hygrophorus unicolor*
- *Candelabrochaete septocystidia* (majority of existing records known from the New Forest)
- *Laxitextum bicolor*
- *Ceraceomyces borealis*
- *Vesiculomyces citrinus*

A full list of notable species can be found in Appendix 1.

Only 5 species of the groups Boletes, Cortinarius and Hydroids were recorded:-

- *Cortinarius largus*
- *Leccinum scabrum*
- *Cortinarius alboviolaceus*
- *Hydnum repandum*
- *Xerocomus pruinatus*

This paucity of Boletes, Hydroids and species of Cortinarius may in some way be explained by the author's experiences from the New Forest in 2017, during which the emergence of fungal fruiting bodies began to taper off from August onwards. Whilst the New Forest is a long way from the Wye Valley, this trend would seem to have been supported by the low numbers of records observed by other planned events in the local vicinity around the same time of this survey. These included a Mycena Workshop in the Forest of Dean that the author attended along with the observations of the Dean Fungus Group from a 'disappointing foray, with a distinct lack of Agarics' on the 23<sup>rd</sup> of September at Lady Park Wood.

## 6. Discussion

Due to the timings of the survey and the fact that 2017 in general was not perceived as a good year for many fungi, it would be beneficial if these sites were surveyed again at different times of year to get a better idea of the quality of the mycorrhizal communities. The woodlands contained an encouraging amount of standing and fallen deadwood. This varied deadwood resource



should be maintained and where possible enhanced (e.g. leaving some felled timber in situ, possible ring barking) as it is a vital medium for saprotrophic fungal assemblage.

The most productive times of year for observing the broadest assemblage of fungi would be from the beginning of July to the end of November. Ideally chosen survey sites should be visited on a fortnightly basis during this five month period. In addition Ascomycetes can be surveyed for during the months of April and May.

From the experiences of this survey, certain areas of the Wye Valley Woodlands SAC were deemed to potentially be more productive for the abundance and variety of fungi found. If future resources permit the author would recommend survey efforts prioritise the following locations:-

Beech Woodland	Lower Hael Wood
	Blackcliff Wood
	Cleddon Shoots Woodland
	Priory Grove
Yew Woodland with emergent beech canopy	Lower Wyndcliff Wood
	Wyndcliff Wood
	Pierce Wood
Oak Woodland	Lower Hael Wood
	Graig Wood
	Garth Wood
	Priory Grove

If survey efforts can be continued for several years it should be possible to build up a good inventory for the various sites of the Wye Valley Woodlands and gauge a better feel for their conservation significance.

There are currently insufficient data to allow assessment of the SSSI's that make up the Wye Valley Woodlands SAC against the revised *Guidelines for Selection of Biological SSSI* (Bosanquet *et al.*, in press). Future survey should include targeted recording of Hynoid Fungi, Beech Deadwood Fungi and Oak Deadwood Fungi, because some parts of the SSSI's are considered suitable for assessment against the selection criteria for these assemblages (Bosanquet *et*

*al., loc. cit.* Table 1). In addition, further survey should focus on fungal assemblages that are considered to be important, but which lack scoring systems and selection thresholds (Bosanquet *et al., loc. cit.* Table 2): Calcareous Beech Woodland Fungi (*Cortinarius*, *Inocybe*, *Tricholoma* etc.), Calcareous Woodland Saprotophs (*Lepiota* spp. and allies), and perhaps Boletes of Wood Pasture and Parkland (thermophilous Boletaceae).

None of the species mentioned above as being Red Listed are included in “Agency-approved, GB or country-level IUCN-compliant Red Lists”, because Evans *et al.* (2006) was not approved by JNCC. However, paragraph 3.7.3 of the *Guidelines* (Bosanquet *et al., in press*), states that “in the absence of country-level IUCN-compliant Red Lists, consideration should also be given to the lists of ‘priority species’ under Section 41 of the Natural Environment and Rural Communities Act 2006 (England), Section 7 of the Environment (Wales) Act 2016, and Section 2(4) of The Nature Conservation (Scotland) Act 2004. For priority species that are poorly represented in the SSSI series, populations should be considered for selection.” The population of *Chlorencoeila versiformis* found at Lower Wyndcliff Wood, Alcove Wood and Pierce Wood – at present the only one known in Wales – may be considered for selection if it were added to the Section 7 list.

## 7. References

Breitenbach J & Kranzin F. 1986. *Fungi of Switzerland Volume 1 & 2*. Verlag Mykologia Switzerland

Bernicchia A & Gorjon SP. 2010. *Fungi Europaei Vol 12 Corticiaceae*. Edizioni Candusso Italia

Bosanquet SDS, Ainsworth AM, Cooch SP, Genney DR, & Wilkins TC. In press. *Guidelines for the Selection of Biological SSSI's. Part 2: Detailed Guidelines for Habitats and Species Groups. Chapter 14 Non-lichenised Fungi*. Joint Nature Conservation Committee, Peterborough.

Evans S. 2006. *The Mycota of Cwm Clydach SSSI/NNR*. Report to the Countryside Council for Wales

Evans S, Henrici A & Ing B. 2006. *Red Data List of Threatened British Fungi*. British Mycological Society

Hansen L & Knudsen H. 2000. *Nordic Macromyces Vol 1*. Ascomycetes Nordsvamp Denmark.

Knudsen H & Vesterholt J. 2012. *Funga Nordica Vol 1 & 2*. Nordsvamp Denmark

Milleteo R & Castle G. 1996a. Pierce, Alcove & Piercefield Woods SSSI Site and NVC Summary. EcoTech.

Milleteo R & Castle G. 1996b. Blackcliff/Wyndcliff SSSI Site and NVC Summary. EcoTech.

Milleteo R & Castle G. 1996c. Fiddler's Elbow SSSI Site and NVC Summary. EcoTech.

Milleteo R & Castle G. 1996d. Graig Wood SSSI Site and NVC Summary. EcoTech.

Milleteo R & Castle G. 1996e. Lower Hael Wood SSSI Site and NVC Summary. EcoTech.

Milleteo R & Castle G. 1996f. Upper Wye Gorge SSSI Site and NVC Summary. EcoTech.

## Appendix 1 – full data

### Notable species

FUNGUS	SITE	DATE	STATUS FOR WALES	GRID REF
<i>Camarophyllopsis atropuncta</i>	Lower Wyndcliff Wood	28/09/2017	Was red list removed 2006	ST525971
<i>Rigidoporus undatus</i>	Lower Wyndcliff Wood	28/09/2017	New to Wales	ST524968
<i>Radulomyces rickii</i>	Lower Wyndcliff Wood	28/09/2017	Notable	ST526971
<i>Chlorencoelia versiformis</i>	Lower Wyndcliff Wood	28/09/2017	Red list and BAP New to Wales	ST525971
<i>Lindtneria trachyspora</i>	Lower Wyndcliff Wood	06/11/2017	Notable	ST528970
<i>Cortinarius largus</i>	Black Cliff Wood	29/09/2017	Was red list removed 2006	ST529991
<i>Hygrophorus unicolor</i>	Black Cliff Wood	30/09/2017	New to Wales	ST536953
<i>Lepiota xanthophylla</i>	Black Cliff Wood	30/09/2017	Was red list removed 2006	ST531979
<i>Candelabrochaete septocystidia</i>	Black Cliff Wood	06/11/2017	New to Wales	
<i>Amanita submembranacea</i>	Black Cliff Wood	06/11/2017	Notable	
<i>Basiodendron caesiocinereum</i>	Black Cliff Wood	05/11/2017	Notable	
<i>Entoloma dysthaloides</i>	Black Cliff Wood	05/11/2017	Notable	
<i>Tremella globospora</i>	Black Cliff Wood	05/11/2017	Notable	
<i>Trechispora nivea</i>	Black Cliff Wood	06/11/2017	Notable	
<i>Antrodia albida</i>	Black Cliff Wood	07/11/2017	Notable	
<i>Leucoagaricus sericifer</i>	Black Cliff Wood	07/11/2017	Notable	
<i>Gloiothele lactescens</i>	Black Cliff Wood	07/11/2017	Notable	
<i>Agaricus xanthodermus</i> var <i>lepiotoides</i>	Black Cliff Wood	06/11/2017	Was red list removed 2006	

Limacella guttata	Alcove Wood	30/09/2017	Notable	ST533953
Laxitextum bicolor	Alcove Wood	30/09/2017	1st record New to Wales	ST529949
Ceraceomyces borealis	Alcove Wood	08/11/2017	New to Wales	
Leucoagaricus badhamii	Alcove Wood	08/11/2017	Was red list removed 2006	
Chlorencoelia versiformis	Alcove Wood	08/11/2017	2nd record for Wales	ST531950
Hymenochaete cinnamomea	Alcove Wood	08/11/2017	Notable	
Microglossum nudipes aff.	Alcove Wood	08/11/2017	Sequenced	ST53139504
Leucoagaricus sp	Alcove Wood	08/11/2017	Sent to Kew for sequencing	ST538961
Vesiculomyces citrinus	Pierce Wood	09/11/2017	New to Wales	
Laxitextum bicolor	Graig Wood	03/10/2017	3rd record for Wales	SO534087
Laxitextum bicolor	Lady Park Wood	02/10/2017	New to site 2nd record for Wales	

### All species

Fungus	Site	Date	Associated Organism	Substrate	Grid Ref
Hydnum repandum	Blackcliff/Wyndcliff SSSI	30/09/2017	Fagus sylvatica	Soil	ST531979
Leotia lubrica	Blackcliff/Wyndcliff SSSI	30/09/2017	Fagus sylvatica	Soil	ST531979
Tricholoma sulphureum	Blackcliff/Wyndcliff SSSI	30/09/2017	Fagus sylvatica	Soil	ST531979
Clitocybe gibba	Blackcliff/Wyndcliff SSSI	30/09/2017	Fagus sylvatica	Soil	ST531979
Geastrum triplex	Blackcliff/Wyndcliff SSSI	30/09/2017	Fagus sylvatica	Soil	ST531979
Mycena pura	Blackcliff/Wyndcliff SSSI	30/09/2017	Fagus sylvatica	Soil	ST531979
Laccaria laccata	Blackcliff/Wyndcliff SSSI	30/09/2017	Corylus avellana	Soil	ST531979
Mycena arcangeliana	Blackcliff/Wyndcliff SSSI	30/09/2017	Quercus robur	Dead wood	ST531979
Entoloma chalybaeum	Blackcliff/Wyndcliff SSSI	28/09/2017	Fraxinus excelsior	Soil	ST531979
Pholiota squarrosa	Blackcliff/Wyndcliff SSSI	28/09/2017	Fraxinus excelsior	Base of tree	ST531979

Agaricus silvicola	Blackcliff/Wyndcliff SSSI	28/09/2017	Quercus robur	Soil	ST531979
Clitocybe nebularis	Blackcliff/Wyndcliff SSSI	28/09/2017	Fagus sylvatica	Soil	ST531979
Cuphophyllus pratensis	Blackcliff/Wyndcliff SSSI	28/09/2017	Fraxinus excelsior	Soil	ST531979
Geastrum fimbriatum	Blackcliff/Wyndcliff SSSI	28/09/2017	Fraxinus excelsior	Soil	ST531979
Macrolepiota mastoidea	Blackcliff/Wyndcliff SSSI	28/09/2017	Fraxinus excelsior	Soil	ST531979
Cyphella ferruginea	Blackcliff/Wyndcliff SSSI	28/09/2017	Corylus avellana	Branch attached	ST524973
Agaricus mollerii	Blackcliff/Wyndcliff SSSI	28/09/2017	Taxus baccata	Soil	ST531979
Typhula erythropus	Blackcliff/Wyndcliff SSSI	28/09/2017	Acer pseudoplatanus	Litter	ST531979
Gymnopus foetidus	Blackcliff/Wyndcliff SSSI	28/09/2017	Fraxinus excelsior	Wood	ST531979
Trametes hirsuta	Blackcliff/Wyndcliff SSSI	28/09/2017	Fagus sylvatica	Branch fallen	ST531979
Scopuloides rimosa	Blackcliff/Wyndcliff SSSI	28/09/2017	Fraxinus excelsior	Branch fallen	ST531979
Amylostereum laevigatum	Blackcliff/Wyndcliff SSSI	28/09/2017	Taxus baccata	Branch attached	ST531979
Hyphodontia crustosa	Blackcliff/Wyndcliff SSSI	28/09/2017	Taxus baccata	Branch attached	ST531979
Camarophyllopsis atropuncta	Blackcliff/Wyndcliff SSSI	28/09/2017	Fraxinus excelsior	Soil	ST525971
Rigidoporous undatus	Blackcliff/Wyndcliff SSSI	28/09/2017	Fraxinus excelsior	Rotten wood	ST524968
Radulomyces rickii	Blackcliff/Wyndcliff SSSI	28/09/2017	Taxus baccata	Branch attached	ST526971
Crepidotus calolepis	Blackcliff/Wyndcliff SSSI	28/09/2017	Fraxinus excelsior	Branch fallen	ST531979
Chlorencoelia versiformis	Blackcliff/Wyndcliff SSSI	28/09/2017	Fraxinus excelsior	Trunk fallen	ST525971
Cortinarius largus	Blackcliff/Wyndcliff SSSI	29/09/2017	Fagus sylvatica	Soil	ST529991
Oxyporus populinus	Blackcliff/Wyndcliff SSSI	29/09/2017	Fagus sylvatica	Crevice in trunk	ST533985
Ischnoderma benzoinum	Blackcliff/Wyndcliff SSSI	29/09/2017	Conifer	Trunk fallen	ST980530
Hygrophorus unicolor	Blackcliff/Wyndcliff SSSI	30/09/2017	Fagus sylvatica	Soil	ST536953
Lepiota xanthophylla	Blackcliff/Wyndcliff SSSI	30/09/2017	Fagus sylvatica	Soil	ST531979
Lycoperdon nigrescens	Blackcliff/Wyndcliff SSSI	30/09/2017	Fagus sylvatica	Soil	ST531979
Lycoperdon pyriforme	Blackcliff/Wyndcliff SSSI	30/09/2017	Angiosperm	Buried wood	ST531979
Pseudoinonotus dryadeus	Blackcliff/Wyndcliff SSSI	30/09/2017	Quercus robur	Trunk standing	ST531979
Rhodocollybia butyracea	Blackcliff/Wyndcliff SSSI	30/09/2017	Fagus sylvatica	Soil	ST531979
Laetiporus sulphureus	Blackcliff/Wyndcliff SSSI	30/09/2017	Quercus robur	Stump	ST531979
Fistulina hepatica	Blackcliff/Wyndcliff SSSI	30/09/2017	Quercus robur	Trunk	ST531979

<i>Marasmius setosus</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fagus sylvatica</i>	Leaf fallen	ST531979
<i>Dendrothele acerina</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Ascer campestre</i>	Bark	ST531979
<i>Kretzschmaria deusta</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fagus sylvatica</i>	Base of tree	ST531979
<i>Xylaria hypoxylon</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Corylus avellana</i>	Stump	ST531979
<i>Daldinia concentrica</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fraxinus excelsior</i>	Branch fallen	ST531979
<i>Steccherinum fimbriatum</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fraxinus excelsior</i>	Branch fallen	ST531979
<i>Hypoxylon fuscum</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Corylus avellana</i>	Branch attached	ST531979
<i>Henningsomyces candidus</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Corylus avellana</i>	Trunk fallen	ST531979
<i>Hypoxylon petriniae</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fraxinus excelsior</i>	Branch fallen	ST531979
<i>Hymenochaete corrugata</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Corylus avellana</i>	Branch attached	ST531979
<i>Fuscoporia ferrea</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Corylus avellana</i>	Branch attached	ST531979
<i>Hypholoma facciculare</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fagus sylvatica</i>	Log	ST531979
<i>Radulomyces confluens</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST531979
<i>Stereum subtomentosum</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST531979
<i>Botryobasidium aureum</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fagus sylvatica</i>	Log	ST531979
<i>Skeletocutis nivea</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST531979
<i>Phlebiella sulphurea</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST531979
<i>Trametes gibbosa</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fagus sylvatica</i>	Trunk fallen	ST531979
<i>Trametes versicolor</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fagus sylvatica</i>	Trunk fallen	ST531979
<i>Neobulgaria pura</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fagus sylvatica</i>	Trunk fallen	ST531979
<i>Bisporella citrina</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fraxinus excelsior</i>	Branch fallen	ST531979
<i>Hypoxylon fragiforme</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST531979
<i>Cystolepiota seminuda</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fraxinus excelsior</i>	Litter	ST531979
<i>Chlorociboria aeurginascens</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Quercus robur</i>	Branch fallen	ST531979
<i>Pluteus cervinus</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Corylus avellana</i>	Branch fallen	ST531979
<i>Exidia thuretiana</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Hedera helix</i>	Stem	ST531979
<i>Litschauerella clematidis</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Clematis vitalba</i>	Stem	ST531979
<i>Mollisia cinerea</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fraxinus excelsior</i>	Branch fallen	ST531979
<i>Mycena polygramma</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fraxinus excelsior</i>	Branch fallen	ST531979

<i>Phlebia radiata</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fraxinus excelsior</i>	Log	ST531979
<i>Coprinellus micaceus</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fraxinus excelsior</i>	Log	ST531979
<i>Pluteus thomsonii</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fraxinus excelsior</i>	Mossy branch	ST531979
<i>Terana caerulea</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Corylus avellana</i>	Trunk standing	ST532983
<i>Polyporus leptocephalus</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fraxinus excelsior</i>	Branch fallen	ST531979
<i>Pluteus phlebophorus</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fraxinus excelsior</i>	Trunk fallen	ST531979
<i>Marasmiellus ramealis</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Corylus avellana</i>	Twigs	ST531979
<i>Mycena pseudocorticola</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Quercus robur</i>	Mossy trunk	ST531979
<i>Ganoderma australe</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fagus sylvatica</i>	Trunk fallen	ST531979
<i>Peniophora quercina</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Quercus robur</i>	Branch attached	ST531979
<i>Auricularia auricula-judae</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Sambucus nigra</i>	Branch attached	ST531979
<i>Clavulina cinerea</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Tilia cordata</i>	Soil	ST531979
<i>Lactarius subdulcis</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fagus sylvatica</i>	Soil	ST531979
<i>Rickenella fibula</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fagus sylvatica</i>	Mossy stump	ST531979
<i>Hemimycena tortuosa</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fraxinus excelsior</i>	Branch fallen	ST531979
<i>Mycena haematopus</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST531979
<i>Mycena speirea</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fraxinus excelsior</i>	Mossy log	ST531979
<i>Mycena olida</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fraxinus excelsior</i>	Mossy log	ST531979
<i>Mycena flavoalba</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fagus sylvatica</i>	Litter	ST531979
<i>Crepidotus carpaticus</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Tilia cordata</i>	Tree standing	ST531986
<i>Crepidotus subverruisporus</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Corylus avellana</i>	Branch attached	ST531979
<i>Crepidotus cesatii</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Hedera helix</i>	Stem	ST531979
<i>Schizopora radula</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fraxinus excelsior</i>	Branch fallen	ST531979
<i>Gyrophanopsis polonensis</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fraxinus excelsior</i>	Log	ST531979
<i>Basidioidendron caesiocinereum</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fagus sylvatica</i>	Rotten wood	ST531979
<i>Trechispora cohaerens</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fagus sylvatica</i>	Log	ST531979
<i>Marasmius epiphylloides</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Hedera helix</i>	Leaf fallen	ST531979
<i>Entoloma caesiocinctum</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Tilia cordata</i>	Litter	ST531979
<i>Entoloma dysthaloides</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Tilia cordata</i>	Soil	ST531979



<i>Tremella globospora</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Quercus robur</i>	On pyrenomycete	ST531979
<i>Peniophorella praetermissa</i>	Blackcliff/Wyndcliff SSSI	05/11/2017	<i>Fraxinus excelsior</i>	Branch fallen	ST531979
<i>Coprinellus desseminatus</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Fagus sylvatica</i>	Stump	ST531979
<i>Xylaria longipies</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Ascer psuedoplatanus</i>	Branch fallen	ST531979
<i>Mycena acicula</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Corylus avellana</i>	Twig fallen	ST531979
<i>Roridomyces roridus</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Corylus avellana</i>	Twig fallen	ST531979
<i>Phanerochaete sordida</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST531979
<i>Xylaria polymorpha</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST531979
<i>Lachnum niveum</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Quercus robur</i>	Branch fallen	ST531979
<i>Ascocoryne cylichnium</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST531979
<i>Mycena vitilis</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Quercus robur</i>	Litter	ST531979
<i>Lyomyces sambuci</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Sambucus nigra</i>	Stem	ST531979
<i>Hymenochaete rubiginosa</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Quercus robur</i>	Branch fallen	ST531979
<i>Oudemansiella mucida</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Fagus sylvatica</i>	Branch attached	ST531979
<i>Clavulina coralloides</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Tilia cordata</i>	Buried wood	ST531979
<i>Russula ochroleuca</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Fagus sylvatica</i>	Soil	ST531979
<i>Phlebia trmellosa</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Fraxinus excelsior</i>	Trunk fallen	ST531979
<i>Entoloma chalybaeum</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Tilia cordata</i>	Litter	ST531979
<i>Stereum rugosum</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Corylus avellana</i>	Trunk standing	ST531979
<i>Galerina autumnalis</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Fraxinus excelsior</i>	Trunk fallen	ST531979
<i>Bjerkandera adusta</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Fagus sylvatica</i>	Trunk fallen	ST531979
<i>Crepidotus mollis</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Fraxinus excelsior</i>	Branch fallen	ST531979
<i>Lycoperdon perlatum</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Fagus sylvatica</i>	Litter	ST531979
<i>Clitopilus prunulus</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Tilia cordata</i>	Soil	ST531979
<i>Mycena tenerrima</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Tilia cordata</i>	Mossy trunk	ST531979
<i>Mycena galericulata</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Fraxinus excelsior</i>	Stump	ST531979
<i>Leotia lubrica</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Tilia cordata</i>	Soil	ST531979
<i>Inocybe geophylla</i> var <i>lilacina</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Tilia cordata</i>	Soil	ST531979

<i>Phellinus pomaceus</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Prunus spinosa</i>	Trunk standing	ST531979
<i>Tricholoma lascivum</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Fagus sylvatica</i>	Soil	ST531979
<i>Melanoleuca polioleuca</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Quercus robur</i>	Grass	ST531979
<i>Phanerochaete velutina</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST531979
<i>Candelabrochaete septocystidia</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST531979
<i>Hyphodontia alutaria</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST531979
<i>Trechispora nivea</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Fraxinus excelsior</i>	Branch fallen	ST531979
<i>Mycena erubescens</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Quercus robur</i>	Mossy trunk	ST531979
<i>Amanita submembranacea</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Tilia cordata</i>	Litter	ST531979
<i>Lindtneria trachyspora</i>	Blackcliff/Wyndcliff SSSI	06/11/2017	<i>Sorbus</i>	Trunk fallen	ST528970
<i>Tremella mesenterica</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Hedera helix</i>	Stem	ST531979
<i>Vuilleminia comedans</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Corylus avellana</i>	Branch attached	ST531979
<i>Agaricus arvensis</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Fagus sylvatica</i>	Soil	ST531979
<i>Daedaleopsis confragosa</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Betula pumula</i>	Trunk fallen	ST531979
<i>Piptoporus betulinus</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Betula pumula</i>	Trunk fallen	ST531979
<i>Hypocrea pulvinata</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Piptoporus betulinus</i>	Fruit body	ST531979
<i>Datronia mollis</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST531979
<i>Chondrostereum purpureum</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Corylus avellana</i>	Stump	ST531979
<i>Stereum gausapatum</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Quercus robur</i>	Branch attached	ST531979
<i>Propolis versicola</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Quercus robur</i>	Branch fallen	ST531979
<i>Myxarium nucleatum</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST531979
<i>Armillaria mellea</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Fagus sylvatica</i>	Base of tree	ST531979
<i>Lepista nuda</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Corylus avellana</i>	Soil	ST531979
<i>Helvella macropus</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Fraxinus excelsior</i>	Soil	ST531979
<i>Lepista sordida</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Fagus sylvatica</i>	Soil	ST531979
<i>Antrodia albida</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Fraxinus excelsior</i>	Branch fallen	ST531979
<i>Leucoagaricus sericifer</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Fraxinus excelsior</i>	Soil	ST531979
<i>Asterostroma cervicolor</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Fraxinus excelsior</i>	Log	ST531979
<i>Mycocacia aurea</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Fraxinus excelsior</i>	Branch fallen	ST531979

<i>Gloiothele lactescens</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Fraxinus excelsior</i>	Branch fallen	ST531979
<i>Agaricus xanthodermas</i> var <i>lepiotooides</i>	Blackcliff/Wyndcliff SSSI	07/11/2017	<i>Taxus baccata</i>	Litter	ST531979
<i>Sarcoscypha coccinea</i>	Blackcliff/Wyndcliff SSSI	09/11/2017	<i>Fraxinus excelsior</i>	Log	ST531979
<i>Heterobasidion annosum</i>	Blackcliff/Wyndcliff SSSI	09/11/2017	Conifer	Stump	ST531979
<i>Pezziza howsei</i>	Blackcliff/Wyndcliff SSSI	09/11/2017	<i>Ulmus glabra</i>	Soil	ST531979
<i>Mycena filopies</i>	Blackcliff/Wyndcliff SSSI	09/11/2017	<i>Fraxinus excelsior</i>	Mossy trunk	ST531979
<i>Limacella guttata</i>	Pierce, Alcove & Piercefield Wood SSSI	30/09/2017	<i>Fagus sylvatica</i>	Soil	ST533953
<i>Laxitextum bicolor</i>	Pierce, Alcove & Piercefield Wood SSSI	30/09/2017	<i>Ulmus glabra</i>	Trunk standing	ST529949
<i>Lepiota fellina</i>	Pierce, Alcove & Piercefield Wood SSSI	01/10/2017	<i>Fraxinus excelsior</i>	Soil	ST530958
<i>Leccinum scabrum</i>	Pierce, Alcove & Piercefield Wood SSSI	01/10/2017	<i>Betula pendula</i>	Soil	ST530958
<i>Clitopilus prunulus</i>	Pierce, Alcove & Piercefield Wood SSSI	01/10/2017	<i>Quercus robur</i>	Soil	ST530958
<i>Ossicaulis lignatilis</i>	Pierce, Alcove & Piercefield Wood SSSI	01/10/2017	<i>Aesculus hippocastanum</i>	Trunk standing	ST529949
<i>Rigidoporous ulmarius</i>	Pierce, Alcove & Piercefield Wood SSSI	01/10/2017	<i>Aesculus hippocastanum</i>	Trunk fallen	ST532955
<i>Cortinarius alboviolaceus</i>	Pierce, Alcove & Piercefield Wood SSSI	01/10/2017	<i>Quercus robur</i>	Soil	ST532952
<i>Clitocybe nebularis</i>	Pierce, Alcove & Piercefield Wood SSSI	01/10/2017	<i>Fagus sylvatica</i>	Soil/ litter	ST530958
<i>Hymenochaete rubiginosa</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Quercus robur</i>	Log	ST530958
<i>Henningsomyces candidus</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST530958
<i>Galerina autumnalis</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fagus sylvatica</i>	Trunk fallen	ST530958
<i>Kuehneromyces mutabilis</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fagus sylvatica</i>	Trunk fallen	ST530958
<i>Lepiota cristata</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fagus sylvatica</i>	Soil	ST530958
<i>Mycoacia uda</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST530958
<i>Phlebia rufa</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST530958
<i>Mycena galericulata</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Quercus robur</i>	Branch fallen	ST530958
<i>Pluteus umbrosus</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Aesculus hippocastanum</i>	Trunk fallen	ST530958
<i>Schizopora paradoxa</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Tilia cordata</i>	Branch fallen	ST530958
<i>Amanita pantherina</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Tilia cordata</i>	Soil	ST530958
<i>Radulomyces confluens</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fraxinus excelsior</i>	Branch fallen	ST530958
<i>Chlorencoelia versiformis</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fraxinus excelsior</i>	Trunk fallen	ST531950

<i>Hemimycena tortuosa</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fraxinus excelsior</i>	Mossy branch	ST530958
<i>Mycena pura</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Quercus robur</i>	Soil	ST530958
<i>Ganoderma australe</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fagus sylvatica</i>	Trunk fallen	ST530958
<i>Marasmius ramealis</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Corylus avellana</i>	Twig	ST530958
<i>Cliocybe fragrans</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fraxinus excelsior</i>	Soil	ST530958
<i>Phallus impudicus</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Tilia cordata</i>	Soil	ST530958
<i>Clavaria acuta</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Tilia cordata</i>	Soil	ST530958
<i>Tricholoma lascivum</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fagus sylvatica</i>	Soil	ST530958
<i>Russula ochroleuca</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fraxinus excelsior</i>	Soil	ST530958
<i>Bisporella citrina</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST530958
<i>Hydnum repandum</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fagus sylvatica</i>	Soil	ST530958
<i>Hygrophorus eburneus</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fagus sylvatica</i>	Soil	ST530958
<i>Macrolepiota mastoidea</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Corylus avellana</i>	Soil	ST530958
<i>Mycena pseudocorticola</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fagus sylvatica</i>	Mossy branch	ST530958
<i>Ceriporiopsis gilvescens</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST530958
<i>Panellus stipticus</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Quercus robur</i>	Branch fallen	ST530958
<i>Nectria cinnabarina</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST530958
<i>Bulgaria inquinans</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Quercus robur</i>	Trunk fallen	ST530958
<i>Hymenochaete cinnamoma</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Crateagus monogyna</i>	Branch fallen	ST530958
<i>Scleroderma citrinum</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fagus sylvatica</i>	Soil	ST530958
<i>Ceraceomyces borealis</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST530958
<i>Hyphodontia alutaria</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST530958
<i>Subulicystidium longisporum</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Fraxinus excelsior</i>	Branch fallen	ST530958
<i>Leucoagaricus badhamii</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Tilia cordata</i>	Litter	ST530958
<i>Hygrocybe conica</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Tilia cordata</i>	Soil	ST530958
<i>Ramariopsis tenuiramosa</i>	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Taxus buccata</i>	Soil	ST530958
<i>Leucoagaricus</i> sp	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Taxus buccata</i>	Soil	ST538961
<i>Microglossum nudipes</i> aff.	Pierce, Alcove & Piercefield Wood SSSI	08/11/2017	<i>Tilia cordata</i>	Soil	ST531950
<i>Oxyporus populinus</i>	Pierce, Alcove & Piercefield Wood SSSI	09/11/2017	<i>Fagus sylvatica</i>	Crevice in trunk	ST530958

<i>Vesiculomyces citrinus</i>	Pierce, Alcove & Piercefield Wood SSSI	09/11/2017	<i>Fagus sylvatica</i>	Branch fallen	ST530958
<i>Vuilleminia coryli</i>	Pierce, Alcove & Piercefield Wood SSSI	09/11/2017	<i>Corylus avellana</i>	Branch attached	ST530958
<i>Laetiporus sulphreus</i>	Pierce, Alcove & Piercefield Wood SSSI	09/11/2017	<i>Quercus robur</i>	Trunk fallen	ST530958
<i>Laxitextum bicolor</i>	Graig Wood SSSI	03/10/2017	<i>Fagus sylvatica</i>	Trunk fallen	SO534087
<i>Scutellinia scutellata</i>	Graig Wood SSSI	03/10/2017	<i>Fagus sylvatica</i>	Trunk fallen	SO533087
<i>Ascocoryne cylichnium</i>	Graig Wood SSSI	03/10/2017	<i>Fagus sylvatica</i>	Trunk fallen	SO533087
<i>Pleurotus ostreatus</i>	Graig Wood SSSI	03/10/2017	<i>Fagus sylvatica</i>	Trunk fallen	SO533087
<i>Kuehneromyces mutabilis</i>	Graig Wood SSSI	03/10/2017	<i>Fagus sylvatica</i>	Trunk fallen	SO533087
<i>Trametes gibbosa</i>	Graig Wood SSSI	03/10/2017	<i>Fagus sylvatica</i>	Trunk fallen	SO533087
<i>Physisporinus sanguinolentus</i>	Graig Wood SSSI	03/10/2017	Angiosperm	Wet wood	SO533087
<i>Hymenochaete corrugata</i>	Graig Wood SSSI	03/10/2017	<i>Corylus avellana</i>	Trunk	SO533087
<i>Ganoderma australe</i>	Graig Wood SSSI	03/10/2017	<i>Fagus sylvatica</i>	Trunk	SO533087
<i>Armillaria mellea</i>	Graig Wood SSSI	03/10/2017	<i>Fagus sylvatica</i>	Trunk	SO533087
<i>Hymenochaete rubiginosa</i>	Graig Wood SSSI	03/10/2017	<i>Quercus robur</i>	Branch fallen	SO533087
<i>Stereum hirsutum</i>	Graig Wood SSSI	03/10/2017	<i>Quercus robur</i>	Branch fallen	SO533087
<i>Trametes versicolor</i>	Graig Wood SSSI	03/10/2017	<i>Fagus sylvatica</i>	Branch fallen	SO533087
<i>Gymnopus dryophilus</i>	Graig Wood SSSI	03/10/2017	<i>Quercus robur</i>	Soil	SO533087
<i>Lepiota clypeolaria</i>	Graig Wood SSSI	03/10/2017	Angiosperm	Soil / litter	SO533087
<i>Henningsomyces candidus</i>	Graig Wood SSSI	03/10/2017	<i>Fraxinus excelsior</i>	Rotten wood	SO533087
<i>Datronia mollis</i>	Graig Wood SSSI	03/10/2017	<i>Fagus sylvatica</i>	Trunk fallen	SO533087
<i>Datronia mollis</i>	Lower Hael Wood SSSI	03/10/2017	<i>Fagus sylvatica</i>	Trunk fallen	SO533075
<i>Xerocomus pruinatus</i>	Lower Hael Wood SSSI	03/10/2017	<i>Fagus sylvatica</i>	Soil / litter	SO533075
<i>Russula ochroleuca</i>	Lower Hael Wood SSSI	03/10/2017	<i>Fagus sylvatica</i>	Soil / litter	SO533075
<i>Clitocybe nebularis</i>	Lower Hael Wood SSSI	03/10/2017	<i>Fagus sylvatica</i>	Soil / litter	SO533075
<i>Xylaria polymorpha</i>	Lower Hael Wood SSSI	03/10/2017	<i>Fagus sylvatica</i>	Wood	SO533075
<i>Bisporella citrina</i>	Lower Hael Wood SSSI	03/10/2017	<i>Fagus sylvatica</i>	Twig fallen	SO533075
<i>Mycena pura</i>	Lower Hael Wood SSSI	03/10/2017	<i>Fagus sylvatica</i>	Soil / litter	SO533075
<i>Mycena crocata</i>	Lower Hael Wood SSSI	03/10/2017	<i>Fagus sylvatica</i>	Branch fallen	SO533075
<i>Russula silvestris</i>	Lower Hael Wood SSSI	03/10/2017	<i>fagus sylvatica</i>	Soil / litter	SO533075

<i>Rhodotus palmatus</i>	Lady Park Wood NNR	02/10/2017	<i>Fagus sylvatica</i>	Branch fallen	SO545143
<i>Inonotus cuticularis</i>	Lady Park Wood NNR	02/10/2017	<i>Fagus sylvatica</i>	Old fruit body	SO546145
<i>Ceriporiopsis gilvescens</i>	Lady Park Wood NNR	02/10/2017	<i>Fagus sylvatica</i>	Trunk fallen	SO546145
<i>Pluteus umbrosus</i>	Lady Park Wood NNR	02/10/2017	<i>Fagus sylvatica</i>	Trunk fallen	SO546145
<i>Laxitextum bicolor</i>	Lady Park Wood NNR	02/10/2017	<i>Fagus sylvatica</i>	Trunk fallen	SO547141
<i>Trametes gibbosa</i>	Lady Park Wood NNR	02/10/2017	<i>Fagus sylvatica</i>	Trunk fallen	SO546145
<i>Pholiota squarrosa</i>	Lady Park Wood NNR	02/10/2017	<i>Fagus sylvatica</i>	Base of tree	SO546145
<i>Clitocybe nebularis</i>	Lady Park Wood NNR	02/10/2017	<i>Fraxinus excelsior</i>	Soil	SO546145
<i>Bulgaria inquinans</i>	Lady Park Wood NNR	02/10/2017	<i>Quercus rubra</i>	Trunk fallen	SO546145
<i>Oudemansiella musida</i>	Lady Park Wood NNR	02/10/2017	<i>Fagus sylvatica</i>	Trunk fallen	SO546145
<i>Lycoperdon perlatum</i>	Lady Park Wood NNR	02/10/2017	Angiosperm	Rotten wood	SO546145
<i>Neobulgaria pura</i>	Lady Park Wood NNR	02/10/2017	<i>Quercus rubra</i>	Trunk fallen	SO546145
<i>Mycena arcangeliana</i>	Lady Park Wood NNR	02/10/2017	<i>Quercus rubra</i>	Branch fallen	SO546145
<i>Mycena crocata</i>	Lady Park Wood NNR	02/10/2017	<i>Fagus sylvatica</i>	Branch fallen	SO546145
<i>Mycena crocata</i>	Fiddlers Elbow SSSI (Priory Grove)	02/10/2017	<i>Fagus sylvatica</i>	Branch fallen	SO527140
<i>Meripilus giganteus</i>	Fiddlers Elbow SSSI (Priory Grove)	02/10/2017	<i>Fagus sylvatica</i>	Base of tree	SO527140
<i>Laccaria amethystina</i>	Fiddlers Elbow SSSI (Priory Grove)	02/10/2017	<i>Fagus sylvatica</i>	Soil	SO527140
<i>Mycena pura</i>	Fiddlers Elbow SSSI (Priory Grove)	02/10/2017	<i>Fagus sylvatica</i>	Soil	SO527140
<i>Hymenochaete rubiginosa</i>	Fiddlers Elbow SSSI (Priory Grove)	02/10/2017	<i>Quercus rubra</i>	Branch fallen	SO527140
<i>Bisporella citrina</i>	Fiddlers Elbow SSSI (Priory Grove)	02/10/2017	<i>Fagus sylvatica</i>	Branch fallen	SO527140
<i>Mutinus caninus</i>	Fiddlers Elbow SSSI (Priory Grove)	02/10/2017	Angiosperm	Rotten wood	SO527140
<i>Mycena arcangeliana</i>	Fiddlers Elbow SSSI (Priory Grove)	02/10/2017	<i>Quercus rubra</i>	Branch fallen	SO527140
<i>Russula nigricans</i>	Fiddlers Elbow SSSI (Priory Grove)	02/10/2017	<i>Fagus sylvatica</i>	Soil	SO527140
<i>Megacollybia platyphylla</i>	Fiddlers Elbow SSSI (Priory Grove)	02/10/2017	<i>Fagus sylvatica</i>	Soil	SO527140
<i>Trametes versicolor</i>	Fiddlers Elbow SSSI (Priory Grove)	02/10/2017	<i>Fagus sylvatica</i>	Trunk fallen	SO527140
<i>Macrolepiota procera</i>	Fiddlers Elbow SSSI (Priory Grove)	02/10/2017	<i>Fagus sylvatica</i>	Soil	SO527140
<i>Rhodocollybia butyracea</i>	Fiddlers Elbow SSSI (Priory Grove)	02/10/2017	<i>Fagus sylvatica</i>	Soil	SO527140
<i>Armillaria mellea</i>	Upper Wye Gorge SSSI	03/10/2017	<i>Fagus sylvatica</i>	Trunk standing	SO546147
<i>Mycena galericulata</i>	Upper Wye Gorge SSSI	03/10/2017	<i>Quercus rubra</i>	Branch fallen	SO546147

Entoloma sinuatum	Upper Wye Gorge SSSI	03/10/2017	Quercus rubra	Soil	SO546147
Macrolepiota procera	Upper Wye Gorge SSSI	03/10/2017	Fraxinus excelsior	Soil	SO546147
Geastrum triplex	Upper Wye Gorge SSSI	03/10/2017	Fraxinus excelsior	Soil	SO546147
Lycoperdon pyriforme	Upper Wye Gorge SSSI	03/10/2017	Fagus sylvatica	Rotten wood	SO546147
Coprinus lagopus	Upper Wye Gorge SSSI	03/10/2017	Fagus sylvatica	Soil	SO546147
Kuehneromyces mutabilis	Upper Wye Gorge SSSI	03/10/2017	Fagus sylvatica	Branch fallen	SO546147



## Appendix 2 – Data Archive

Data outputs associated with this project are archived in DMS on server-based storage at Natural Resources Wales.

The data archive contains:

The final report in Microsoft Word and Adobe PDF formats.

Metadata for this project is publicly accessible through Natural Resources Wales' Library Catalogue <https://libcat.naturalresources.wales> (English Version) and <https://catllyfr.cyfoethnaturiol.cymru> (Welsh Version) by searching 'Dataset Titles'.

## Appendix 3 – Images (including some of the more notable species recorded)

*Ossicaulis lignatilis*





*Microglossum nudipes* aff.



*Lindtneria trachyspora*





*Leucoagaricus sp.*





*Laxitextum bicolor*



*Ischnoderma benzoinum*





*Chlorencoelia versiformis*



*Camarophylloopsis atropuncta*





*Terrana caerulea*



*Rigidoporus ulmarius*





*Pluteus thomsonii*



*Amanita submembranacea*







**Cyfoeth  
Naturiol**  
Cymru  
**Natural  
Resources**  
Wales

Published by:  
Natural Resources Wales  
Ty Cambria  
Newport Road  
Cardiff

© Natural Resources Wales 2018

All rights reserved. This document may be reproduced with prior permission of  
Natural Resources Wales

Further copies of this report are available from:

Email: [library@cyfoethnaturiolcymru.gov.uk](mailto:library@cyfoethnaturiolcymru.gov.uk)