

FSC Nettlecombe Court

Nature Review 2014



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Introduction

The purpose of this report is to review and share the number of different species that are present in the grounds of Nettlecombe Court. A significant proportion of this data has been generated by FSC course tutors and course attendees studying at Nettlecombe court on a variety of courses. Some of the data has been collected for the primary purpose of species monitoring for nationwide conservation charities e.g. The Big Butterfly Count and Bee Walk Survey Scheme. Other species have just been noted by members or staff when out in the grounds. These records are as accurate as possible however we accept that there may be species missing.

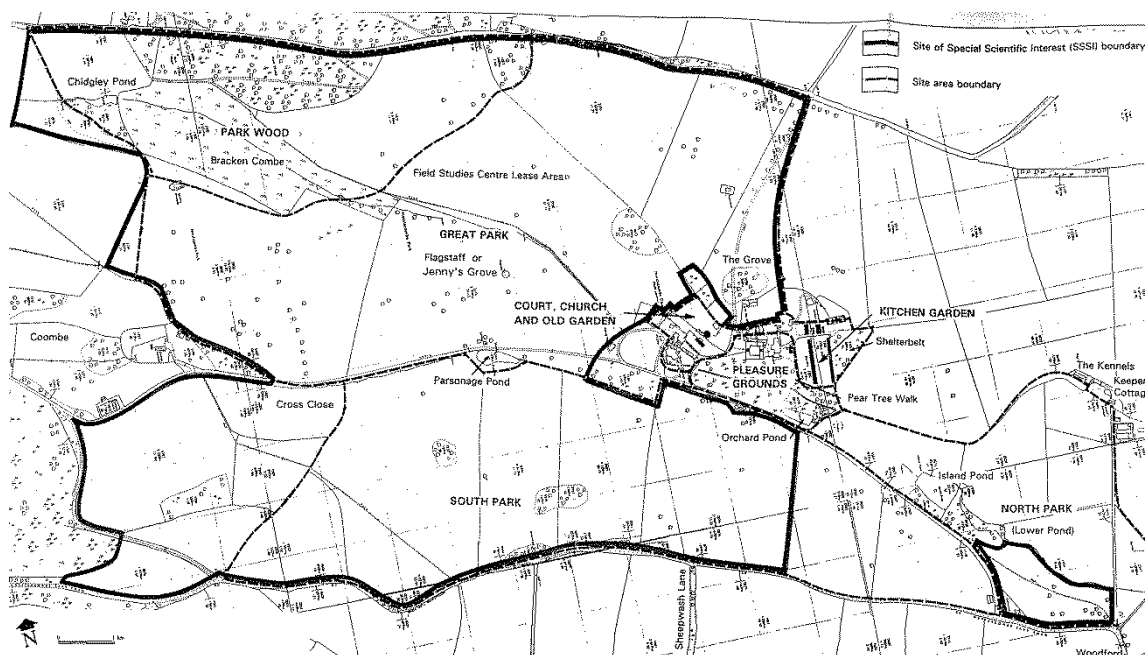
Nettlecombe Court

Nettlecombe Court Field Centre of the Field Studies Council sits just inside the eastern border of Exmoor national park, North-West of Taunton (Map 1). The house grid reference is 51°07'52.23"N, 32°05'8.65"W and this report only documents wildlife within the grounds of the house (see Map 2). The estate is around 60 hectares and there is a large variety of environment types: Dry semi-improved neutral grassland, bare ground, woodland (large, small, man –made and natural), bracken dominated hills, ornamental shrubs (lawns/ domestic gardens) and streams. These will all provide different habitats, enabling the rich diversity of wildlife found at Nettlecombe Court.

Nettlecombe court has possessed a meteorological station for a number of years and so a summary of "MET" data has been included in this report.



Map 1- Nettlecombe court (maps.google.co.uk)



Map 2- Nettlecombe court detailed boundaries map

Meteorological summary

Month	Ave Daily Max Temp (°C)	Ave Daily Rainfall (mm)
January	8.9	7.5
February	9.2	10.2
March	10.7	2.3
April	14.4	3.0
May	16.7	4.1
June	17.2	2.4
July	20.2	0.7
August	20.1	4.5
September	19.0	0.4
October	19.5	5.3
November	12.2	7.0
December	9.2	4.5

The year started with a very wet January and February with averages of 7.5mm and 10.2mm of rain per day, respectively. The rain peaked on 4th February with 31.5mm in 24 hours. This led to significant flooding of the rivers and streams around Nettlecombe with water levels higher than normally expected. This turned into a very hot, dry summer with

average daily rainfall dropping to just 0.68mm in July. The average daily max temperatures were 16.6, 17.2, 20.2 degrees Celsius for May, June, July. The heat peaked at 23.5 degrees Celsius on 4th, 5th and 6th July. Temperatures remained high throughout August and September with rainfall still low. Despite the increase in precipitation in October but we had the warmest Halloween on record.

List of species found

Trees

- Bay Willow - *Salix pentandra*
- Black alder - *Alnus glutinosa*
- Blue spruce - *Picea pungens*
- Checker tree - *Sorbus torminalis*
- Cherry Laurel - *Prunus laurocerasus*
- Common juniper - *Juniperus communis*
- Common Yew - *Taxus baccata*
- Ginkgo - *Ginkgo biobla*
- Hazelnut- *Corylus avellana*
- Indian Bean tree- *Catalpa bignonioides*



Kohukohu - *Pittosporum tenuifolium*
 Lawson cypress - *Chamaecyparis lawsoniana*
 Monkey Puzzle- *Araucaria araucana*
 Rowan - *Sorbus aucuparia*
 Sessile Oak - *Quercus petraea*
 Silver birch - *Betula pendula*
 Spotted Laurel - *Aucuba japonica*
 Sycamore - *Acer pseudoplatanus*
 Tulip- *Liriodendron tulipifera*
 Wayfaring tree - *Viburnum lantana*
 Wild cherry - *Prunus avium*

Grasses

Annual meadow grass - *Poa annua*
 Buffalo grass- *Anthoxanthum odoratum*
 Creeping soft grass - *Holcus mollis*
 Great Manna grass - *Glyceria maxima*
 Orchard grass - *Dactylis glomerata*
 Red fescue - *Festuca rubra*
 Tufted grass - *Holcus lanatus*

Ferns

Harts tongue - *Asplenium scolopendrium*
 Lady fern - *Athyrium filix-femina*
 Male fern - *Dryopteris Filix-mas*



Flowering Plants

Autumn hawkbit - *Leontodon autumnalis*
 Alkanet - *Pentaglottis sempervirens*
 Barren strawberry - *Potentilla sterilis*
 Birds-foot Trefoil - *Lotus corniculatus*
 Black elderberry - *Sambucus nigra*
 Blackberry - *Rubus Fruticosus*
 Buddlea – *Buddleja*
 Bulbous buttercup - *Ranunculus bulbosus*
 Bullate Cotoneaster - *Cotoneaster rehderi*
 Canarian ivy - *Hedera canariensis*
 Candy tuft - *Iberis sempervirens*
 Century plant - *Agave americana*
 Clear sky – *Passiflora caerulea*

Clustered bellflower - *Campanula glomerata*
 Common bistort - *Polygonum bistorta*
 Common Calamint - *Clinopodium ascendens*
 Common daisy – *Bellis perennis*



Common dandelion – *Taraxacum officinale*
 Common Hawthorn - *Crataegus monogyna*
 Common Holly - *Ilex aquifolium*
 Common ivy - *Hedera helix*
 Common jasmine - *Jasminum officinale*
 Common lilac - *Syringa vulgaris*
 Common mallow - *Malva neglecta*
 Common mullein - *Verbascum Thapsus*
 Common nettle - *Urtica dioica*
 Common rockrose - *Helianthemum nummularium*
 Common rush - *Juncus effuses*
 Common Sage - *Salvia officinalis*
 Common sea lavender - *Limonium vulgare*
 Common stitchwort - *Stellaria graminea*
 Common tormentil - *Potentilla erecta*
 Compact rush - *Juncus conglomerates*
 Creeping Crowfoot - *Ranunculus repens*
 Creeping thistle - *Cirsium arvense*

Crocsmia - *Crocsmia x crocosmiiflora*
 Cowslip - *Primula veris*
 Dog rose - *Rosa canina*
 Dog violet - *Viola riviniana*



European Pear - *Pyrus communis*
 Field rose - *Rosa arvensis*
 Field sorrel - *Rumex acetosa*
 Fireweed - *Chamerion angustifoliumv*
 Flatweed - *Hypochoeris radicata*
 Garden loosestrife - *Lysimachia vulagaris*
 Ground ivy- *Glechoma hederacea*
 Fuchsia – *Fuchsia 'mrs popple'*
 Garden Thyme - *Thymus vulgaris*
 Garlic mustard - *Alliaria petiolata*
 Garnett's pittosporum – *Pittosporum garnettii*
 Germander speedwell - *Veronica chamaedrys*
 Granny's Bonnet – *Aquilegia spp.*
 Ground Ivy - *Glechoma hederacea*
 Hairy birds foot trefoil - *Lotus hispidus*
 Hardy Fuchsia - *Fuchsia magellanica*
 Herb Robert - *Geranium robertianum*

Hog's Fennel - *Peucedanum officinale*

Hogweed - *Heracleum sphondylium*

Honeysuckle – *Abelia spp.*

Horseshoe vetch -

Hippocrepis comosa

Japanese rose - *Rosa rugosa*

Kiwi vine - *Actinidia kolomikta*

Marsh orchid - *Dactylorhiza incarnate*

Marsh Thistle - *Cirsium palustre*

Meadow buttercup - *Ranunculus acris*

Mopheads - *Hydrangea macrophylla*

Mother of pearl - *Phlox paniculata*

Mouse ear hawkweed - *Hieracium pilosella*

Mexican orange – *Choisya spp.*

Oxlip - *Primula elatior*

Pacific night – *Coprosma hutpac*

Peppermint - *Mentha x piperita*

Pond water starwort - *Callitriche stagnalis*

Ragwort - *Senecio jacobaea*

Red Clover - *Trifolium pratense*

Red-veined Doc - *Rumex sanguineus*

Ribwort plantain - *Plantago lanceolata*

Rock rose – *Cistus spp.*

Rose of Winter - *Camellia japonica*

Rough hawkbit - *Leontodon hispidus*

Self-heal - *Prunella vulgaris*

Scarlet Pimpernel -

Anagallis arvensis

Shasta Daisy –

Leucanthemum lacustre x maximum

Shrub ragwort - *Brachyglottis compacta x laxifolia*

Shrubby cinquefoil - *Dasiphora fruticosa*

Silver queen – *Pittosporum tenuifolium*

Silver ragwort – *Senecio cineraria* 'silver dust'

Silverweed - *Potentilla anserine*

Snowberry - *Symphoricarpos albus*

Sorbaria- *Sorbaria spp*

Spear-leaved Orache - *Atriplex prostrate*

Spear leaved Willowherb - *Epilobium lanceolatum*

Star jasmine - *Trachelospermum jasminoides*

Stoncrop – *Sedum spp*

Strawberry Saxifrage - *Saxifraga stolonifera*

Sweeps brush - *Luzula campestris*

Sweet briar - *Rosa rubiginosa*



Thistle - *Cirsium spp.*

Thyme leaf - *Veronica serpyllifolia*

Tutsan - *Hypericum androsaemum*

Larger bindweed -

Calystegia sepium

White clover - *Trifolium*

repens

Wild strawberry - *Fragaria vesca*

Willow herbs - *Eplilobium spp*

Wood sorrel - *Oxalis acetosella*

Woodspurge- *Euphorbia amygdaloides*

Yarrow - *Achillea millefolium*

Yellow archangel - *Lamium galeobdolon*



Moss

Rough stalked feather moss - *Brachythecium rutabulum*

Springy turf moss - *Rhytidiadelphus squarrosus*

Butterflies

Comma - *Polygonia c-album*

Gatekeeper - *Pyronia tithonus*

Large white - *Pieris brassicae*

Meadow Brown - *Maniola jurtina*

Painted Lady - *Vanessa cardui*

Peacock - *Inachis io*

Red Admiral - *Vanessa atalanta*

Small tortoiseshell - *Aglais urticae*

Small white - *Pieris rapae*

Speckled Wood - *Pararge aegeria*



Moths

Beautiful hook tip – *Laspeyria flexula*

Blood Vein – *Timandra comae* Bright Line,

Brindled Beauty – *Lycia hirtaria*

Brown Eye – *Lacanobia oleracea*

Brussels Lace – *Cleorodes lichenaria*

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Buff Arches – *Habrosyne pyritoides*

Buff ermine – *Spilosoma luteum*

Buff Tip – *Phalara bucephala*

Burnished Brass – *Diachrysia*

chrysitis



Cabbage moth – *Mamestra brassicae*
 Common Footman – *Eilema lurideola*
 Common Marbled Carpet – *Chloroclysta truncata*
 Common Quaker – *Orthosia cerasi*
 Cinnabar – *Tyria jacobaeae*
 Confused – *Apamea furva*
 Dark Arches – *Apamea monoglypha*
 Delicate – *Mythimna vitellina*
 Dotted Border Wave – *Idaea sylvestraria*
 Early Grey – *Xylocampa areola*
 Elephant Hawkmoth – *Deilephila elpenor*
 Fan Footed Wave – *Idaea biselata*
 Flame – *Axylia putris*
 Flame Shoulder – *Ochropleura plecta*
 Garden Tiger – *Arctia caja*
 Great Prominent – *Peridea anceps*
 Grey Arches – *Polia nebulosa*
 Heart and Dart – *Agrotis clavis*
 Hebrew Character – *Orthosia gothica*
 Iron Prominent – *Notodonta dromedarius*
 Large Yellow Underwing-
Noctua pronuba Lesser Broad
 bordered Yellow Underwing-
Noctua janthe
 Lesser Yellow Underwing –
Noctua comes
 Light Brocade – *Lacanobia w-latinum*
 Light Emerald – *Campaea margaritata*
 Lobster Moth – *Stauropus fagi*
 Magpie – *Abraxas grossulariata*
 Marbled Minor – *Oligia strigilis*
 Middle Barred Minor – *Oligia fasciuncula*
 Muslin Moth – *Diaphora mendica*
 Nut Tree Tussock – *Colocasia coryli*
 Oak Hook Tip – *Watsonalla binaria*
 Pine Carpet – *Thera frimata*
 Pinion Streaked Snout – *Schrankia costaestrigalis*
 Plain Golden Y – *Autographa pulchriuna*
 Poplar Hawkmoth – *Laothoe populi*
 Riband Wave – *Idaea
 aversata*
 Ruby Tiger – *Phragmatobia
 fuliginosa*
 Rustic – *Hoplodrina blanda*
 Scarce Silver Y – *Syngrapha interrogationis*
 Scorched wing – *Plagodis dolabraria*



Setaceous Hebrew character – *Xastia c-* Small
 Shoulder Striped Wainscott – *Mythimna
 comma*
 Small Angle Shades – *Euplexia lucipara*
 Small Square Spot – *Diarsia rubi*
 Spectacle – *Abrostola tripartita*
 Streamer – *Anticlea derivatay*
 Shuttle Shaped dart – *Agrotis puta*
 Sycamore – *Acronicta aceris*
 Treble line – *Charanyca trigrammica*
 Triple spotted Clay – *Xestia ditrapezium*
 True Lovers Knot – *Lycophotia porphyrea*
 Twin Spot Carpet – *Perizoma didymata*
 Twin Spotted Quaker – *Orthosia munda*
 Uncertain – *Hoplodrina alsines*
 V.pug – *Chloroclystis v-ata*
 White Ermine – *Spilosoma lubricipeda
 nigrum*
 Willow beauty – *Peribatodes rhomboidaria*

Micro-moths and caddisflys

Mother of Pearl – *Pleuroptya ruralis*
 Small Magpie – *Eurrhyncha hortulata*
 White Plume – *Pterophorus pentadactyla*

Mammals

Common Shrew - *Sorex araneus*
 Badger - *Meles meles*
 Field Vole - *Microtus agrestis*
 Grey Squirrel – *Sciurus
 carolinensis*
 Mole – *Talpidae* spp.
 Rabbit – *Oryctolagus cuniculus*
 Red Fox - *Vulpes vulpes*
 Wood Mouse - *Apodemus sylvaticus*
 Yellow Necked Mouse - *Apodemus flavicollis*



Birds

Barn Owl - *Tyto alba*
 Blackbird – *Turdus merula*
 Common Pheasant - *Phasianus
 colchicus*
 House Sparrow – *Passer domesticus*
 Common Magpie - *Pica pica*
 Jackdaw – *Corvus monedula*
 Common Jay - *Garrulus glandarius*
 Raven - *Corvus corax*
 Robin – *Turdus migratorius*



Song thrush – *Turdus philomelos*
 Sparrow Hawk - *Accipiter spp.*
 Swallow – *Hirundinidae spp*
 Tawny Owl - *Strix aluco*
 Common Wood Pidgeon - *Columba palumbus*
 Wren - *Troglodytes troglodytes*

Terrestrial Invertebrates

Aphids – *Aphidoidea*
 Banded snail – *Cepaea nemoralis*
 Brown house spider - *Steatoda grossa*
 Daddy long legs - *Pholcus phalangioides*
 Earwig – *Forficula auricularia*
 Field slug - *Desocereas spp.*
 Garden snail – *Helix aspersa*
 Ground beetle – *Pterostichus madidus*
 Large black slug – *Arion spp.*
 Lob worm – *Lumbricus terrestris*
 Meadow grasshopper – *Chorthippus parallelus*
 Mealworm beetle - *Tenebrio molitor*
 Money spider – *Linyphiidae spp.*
 Oak Bush Cricket – *Meconema thalassinum*
 Parasitoid wasp - *Icheumon suspiciosus*
 Seven spot lady bird – *Coccinella 7-punctata*
 Spurge bugs – *Dicranosephalus medius*
 Tree damsel bug - *Himacerus apterus*
 Two spot lady bird – *Adalia 2-punctata*
 Woodlice – *Oniscidea spp.*
 Wood wasps - *Urocerus gigas*



Bees

Buff tailed bumblebee - *Bombus terrestris*
 Common Carder bee - *Bombus pascuorum*
 Grey patched mining bee - *Andrena nitida*
 Red tailed bumblebee - *Bombus lapidaries*
 Western honeybee - *Apis mellifera*



Freshwater Invertebrates

Alderfly Larva – *Sialidae spp.*

Blackfly Larva – *Simuliidae spp.*
 Burrowing Mayfly Nymph – *Hexageniaspp spp.*
 Cased Caddisfly - *Hudsonema Leptoceridae*
 Crane fly Larve – *Tipulidae*
 Damsel fly Larva – *Zygoptera spp.*
 Dragonfly Larva – *Anisoptera spp.*
 Freshwater Limpet - *Gastropoda*
 Freshwater Shrimp - *Cadidea*
 Freshwater Snail - *Gastropoda*
 Flattened Mayfly Nymph – *Ephemeroptera spp*
 Flatworm – *Platyhelminthes spp.*
 Greater Waterboatman - *Notonecta glauca*
 Hairworm – *Nematomorpha spp.*
 Hoglouse – *Asellus aquaticus*
 Leech – *Hirudinea spp.*
 Non-biting Midge - *Chironomidae*
 Pond Skater – *Gerridae spp.*
 Stonefly Nymph – *Plecoptera spp.*
 Swimming Mayfly Nymph - *Nesameletus ornatus*
 Tubefex Worm – *Tubefex tubefex*
 True Worm – *Annelida spp.*
 Water Beetle – *Coleoptera spp.*
 Water Mite - *Hydrachnidiae*
 Water Scorpion - *Ranatra*
 Water Stick Insect – *Ranatra*



Fungi

A Brittlegill - *Russula farinipes*
 Beech tarcrust - *Biscogniauxia nummularia*
 Beefsteak fungus - *Fistulina hepatica*
 Birch Milkcap - *Lactarius tabidus*
 Birch Webcap - *Cortinarius triumphans*
 Bitter Bracket fungus - *Postia stiptica*
 Blackening Waxcap mushroom - *Hygrocybe conica*
 Black witches' butter - *Exidia glandulosa*
 Bleeding Conifer Crust - *Stereum sanguinolentum*
 Blusher - *Amanita rubescens var. Rubescens*
 Brown slimecap - *Chroogomphus rutilus*
 Burgundydrop Bonnet mushroom - *Mycena haematopus*



Butter Waxcap - *Hygrocybe ceracea*
 Candlestick fungus - *Xylaria hypoxylon*
 Club-footed clitocybe - *Ampulloclitocybe clavipes*
 Clustered bonnet - *Mycena inclinata*
 Clustered toughshank mushroom - *Gymnopus confluens*
 Common earthball - *Scleroderma citrinum*
 Crepidoto de Cesatii - *Crepidotus cesatii* var. *cesatii*
 Crowded russula - *Russula densifolia*
 Dapper Funnel - *Clitocybe costata*
 Deep Root mushroom - *Xerula radicata*
 Deer shield - *Pluteus cervinus*
 Dewdrop Mottlegill - *Panaeolus rickenii*
 Dung roundhead - *Stropharia semiglobata*
 Earthy Inocybe - *Inocybe geophylla* var. *Lilacina*
 Fairy fingers - *Clavaria fragilis*
 False Chanterelle - *Hygrophoropsis aurantiaca*
 Field mushroom - *Agaricus campestris* var. *Campestris*
 Fly amanita - *Amanita muscaria* var. *Muscaria*
 Funnel mushroom - *Clitocybe gibba*
 Giant polypore - *Meripilus giganteus*
 Glistening Inkcap - *Coprinellus micaceus*
 Glutinous Waxcap - *Hygrocybe glutinipes* var. *Glutinipes*
 Golden waxcap - *Hygrocybe chlorophana*
 Grass-green Russula - *Russula aeruginea*
 Harefoot mushroom - *Coprinopsis lagopus* var. *Lagopus*
 Hazel Woodwart - *Hypoxylon fuscum*
 Holly Speckle - *Trochila ilicina*
 Honey fungus - *Armillaria mellea*
 Horse mushroom - *Agaricus arvensis*
 Japanese Parasol - *Parasola plicatilis*
 Jew's ear - *Auricularia auricula-judae*
 Leaf fungus - *Stereum hirsutum*
 Leopard-spotted earthball - *Scleroderma areolatum*
 Liberty cap - *Psilocybe semilanceata*
 Lumpy Bracket fungus - *Trametes gibbosa*
 Large milk cap - *Lactarius subumbonatus*
 Lilac Pinkgill mushroom - *Entoloma porphyrophaeum*
 Mowers mushroom - *Panaeolina foenicicii*
 n/a - *Conocybe siennophylla*



n/a - *Hebeloma senescens*
 n/a - *Xerocomellus engelii*
 Oak Bracket - *Pseudoinonotus dryadeus*
 Oilslick brittlegill - *Russula ionochlora*
 Olive Oysterling mushroom - *Sarcomyxa serotina*
 Oak mildew - *Erysiphe alphitoides*
 Parasol Mushroom - *Macrolepiota procera* var. *Procera*
 Parrot Waxcap - *Hygrocybe psittacina* var. *Psittacina*
 Pear-shaped puffball - *Lycoperdon pyriforme*
 Porcelain Fulgus - *Oudemansiella mucida*
 Rayed earthstar - *Geastrum quadrifidum*
 Red Cracking Boletes - *Xerocomellus chrysenteron*
 Red Cushion - *Hypoxylon fragiforme*
 Russet Toughshank mushroom - *Gymnopus dryophilus*
 Scarletina bolete - *Boletus luridiformis* var. *luridiformis*
 Scurfy Twiglet - *Tubaria furfuracea*
 Shaggy parasol - *Chlorophyllum rhacodes*
 Sheathed woodtuft - *Kuehneromyces mutabilis*
 Shiny cap - *Coprinellus micaceus*
 Silky Pinkgill mushroom - *Entoloma sericeum* var. *seriecum*
 Silver leaf - *Chondrostereum purpureum*
 Slender Parasol - *Macrolepiota mastoidea*
 Slippery Jack Mushroom - *Suillus luteus*
 Small Stagshorn fungus - *Calocera cornea*
 Smoky polypore - *Bjerkandera adusta*
 Soft slipper - *Crepidotus mollis*
 Spangle waxcap - *Hygrocybe insipida*
 Sulphur Tuft mushroom - *Hypholoma fasciculare* var. *Fasciculare*
 Swamp Bolete Deutsche - *Suillus flavidus*
 Sycamore Tarspot fungus - *Rhytisma acerinum*
 Turkey tail fungus - *Trametes versicolor*
 Twisted deceiver - *Laccaria tortilis*
 Tawny Grisette - *Amanita fulva*
 Thin-maze flat polypore - *Daedaleopsis confragosa*
 Ugly milkcap - *Lactarius turpis*
 Variable Webcap - *Cortinarius anomalus*
 Violet Bramble Rust - *Phragmidium violaceum*
 Waxy laccaria - *Laccaria laccata*
 White rot fungus - *Ganoderma australe*



Wort's Causeway - *Hebeloma leucosarx*
Wood pinkgill - *Entoloma rhodopolium*
Wood Woollyfoot - *Gymnopus peronatus*
Yellow Club - *Clavulinopsis helvola*
Yellow Stagshorn - *Calocera viscosa*

Reptiles and amphibians

Adder – *Vipera berus*
Slow worm – *Anguis fragilis*