



Location	Truro		
	Broadleaved upper woodland, wet woodland, marsh & stream	Name	Angie Cruse
Habitats			Date started recording: 28/09/18

Survey limitations: All identified on site with field guides, no specimens taken from woodland. Studied with a x20 triplet hand lens where required. However, microscope work has started for the epiphytic community species. Survey ongoing as part of our management plan.

Photos taken of the plants on site.

Survey is grouped by habitat/class and is listed in alphabetical order of the scientific name. **Green** indicates our introduced trees and shrubs for structure, biodiversity/age diversity plan.

Link provided to show associated invertebrates for the food plant and vice versa.

Our woodland is 4.75 acres of Ancient Woodland. Purchased to manage for biodiversity and wildlife conservation.

Upper woodland, mostly Oak, *Quercus petraea*. Lower wet woodland, Willow/Alder carr.



Green corridor through to Lord's wood, Lady's wood and Bishops Wood, Idless.

No rights of way, County Wildlife Site.

Not roadside, apart from gate access. Farmland meets upper boundary. Stream to lower boundary.

Woodland history: Site has been coppiced for charcoal up to WWII period. Unmanaged coppice, so much of the woodland is of similar aged tall thin oak and holly. Management in progress.





Common name	Scientific name	Location/ Habitat	Date(s)	DAFOR scale	Certain ty %	photo	Comment
Trees and Shrubs							
Sycamore	Acer pseudoplatinus	West of upper and lower	Sep 2019	F	100		Managing the younger sycamore. Ringbarked two mature for large standing deadwood. (not worked 2020) Can take 2 years. http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=87
Alder	Alnus glutinosa	Marsh/ Canopy	Sep 2019	Mature R	100		One Mature. Some younger trees scattered in willow/alder carr http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=289
Silver Birch	Betula pendula	Copse North of main ride, a few further West	01.01. 2020	O (25)	100	Surrounded by brash for guards	25 Planted 01.01.2020. introduced for biodiversity, age diversity & wildlife value where thinning. Light Canopy & provides food & habitat for more than 300 insect species. Monoecious, both male & female flowers (catkins) are found on the same tree from April to May. Male catkins are long and yellow-brown in colour, and hang in groups of two to four, like lambs' tails. Female catkins are smaller, short, bright green and erect. http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=781



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Downy Birch	Betula pubescens	Marsh area, mostly west	01.01.2020	O (25)	100	Surrounded by brash for guards	25 Planted 01.01.2020. introduced for biodiversity, age and wildlife value. As above. http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=786
Hawthorn	Crataegus monogyna	Sub canopy. Upper and lower wood	Sep 2019	O	100		Hawthorns are hermaphrodite, meaning both male and female reproductive parts are contained within each flower. http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=1665
Hazel	Corylus avellana	Sub canopy. Lower and upper	Sep 2019	F	100		Unmanaged coppice and hedges. Recently using a few for shelter poles http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=1665
Spindle	Euonymus europaeus	Hedges and some mid woodland	01.01.2020	F (25)	100		Planted 01.01.2020! Introduced for biodiversity and colour in the hedgerow. http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=2165



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Beech	Fagus sylvatica	Upper wood	Sept 2019	O	100	 	<p>One mature beech, and a few young. squirrel damage we want for wildlife benefit. Although preferred in the sycamore to west.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=2229</p>
Ash	Fraxinus excelsior	Lower Wood	Sep 2019	O	100	 	<p>2019 Our late mature tree is Looking good so far. Update 2020, not looking so good in June. Monitoring</p> <p>Also some young trees in understory and marsh.</p> <p>Extensive list of invertebrates benefit.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=2329</p>




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Holly	<i>Ilex aquifolium</i>	Sub canopy. Upper, Lower wood	Sep 2019	A	100		<p>Many mature trees although some younger specimens form our shrub layer. A good amount of management required</p> <p>Holly wood is the whitest of all woods, and is heavy, hard and fine-grained. It can be stained and polished and is used to make furniture.</p> <p>Invertebrates include the holly blue butterfly caterpillar. Where as the second brood rely on ivy flowers.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=2773</p>
Wild Privet	<i>Ligustrum vulgare</i>	Marsh and car area	April 2021	O	100		<p>Appeared this year. A favourite of many moth caterpillars including the privet hawk moth.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=3123</p>
Crab Apple	<i>Malus sylvestris</i>	2 introduced. West upper wood.	01.01. 2020	R (2)	100	In tree shelters.	<p>Introduced the native species 01.01.2020 for biodiversity and wildlife value. The flowers provide an important source of early pollen and nectar for insects, particularly bees.</p>





							http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=3300
Scots Pine	Pinus sylvestris	Planted with birch, East of Wood.	01.01. 2020	R (10)	100	In tree shelters	<p>Introduced for biodiversity. Male flowers comprise clusters of yellow anthers at the base of shoots. Female flowers are small, red-purple and globular, and grow at the tips of new shoots. Most have not succeeded. Both shelters and no guards have been used. Not the reason for lack of success. Died due to dry spell. Only 2 remain. Happy with that.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=4108</p>
Aspen	Populus tremula	Lower wood, marsh	Sep 2019	O	100		<p>Group of 7, one came down in storm, Saplings are frequent, all over far west of wood. Hay bale from farmers land has taken out a second, Sept 2020. Aspen are an indicator of springs.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=4301</p>
Blackthorn	Prunus spinosa	Shrub layer. Upper and lower wood	Sep 2019	O	100		<p>Mostly hedges and several in marsh.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=4427</p>
Wild Cherry	Prunus avium	Main ride on right	April 2021	O	100		<p>Appeared on its own (sapling) this year. Although we also planted some in upper woodland early this year. This one we did not. Likely seeded from birds.</p>




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Sessile Oak	Quercus petraea	Upper and lower wood	Sep 2019	D	100		<p>Ancient stools. Unmanaged coppice. Last coppice likely WWII. Management of the oak is required. Thinning in progress. Well known for supporting a huge amount of species including epiphytes and invertebrates.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=4587</p>
Goat Willow	Salix caprea	Sub canopy but also canopy in marsh. Lower and marsh	Sep 2019	A	100		<p>We havent checked well enough if we do in fact have grey willow. Or both.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=4924</p>
Elder	Sambucus nigra	Sub canopy. Mostly Upper wood and hedges	Sep 2019	O	100		<p>Very mature damaged elder on top boundary. Hollow at base. A few other younger trees scattered.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=5113</p>




Rowan/ Mountain Ash	<i>Sorbus aucuparia</i>	Scattered through all wood except marsh	01.01.2020	O (25)	100		<p>Introduced the native species 01.01.2020 for biodiversity.</p> <p>Flowers provide pollen and nectar for bees and other pollinating insects, while the berries are a rich source of autumn food for birds, especially the blackbird, mistle thrush, redstart, redwing, song thrush, fieldfare and waxwing.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=5297</p>
Small Leaved Lime	<i>Tilia cordata</i>	5 introduced West of wood	01.01.2020	R (5)	100	In tree shelters.	<p>Introduced the native species 01.01.2020 for biodiversity and wildlife value. Pollinator magnet and pleasant scent..</p> <p>Leaves are heart-shaped with a pointed tip, 3–8cm in length, and hairless. Flowers are green-yellow, have five petals, and hang in clusters of 4–10. They have a rich, heavy scent which attracts many insects, particularly bees.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=5631</p>
Gorse	<i>Ulex europaeus</i>	Upper wood	Oct 2019	R	100		<p>One near beech and more in hazel coppice</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=5785</p>



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Elm	Ulmus procera (possible minor 'Stricta')	Upper wood mostly hedge. Sub canopy	Sep 2019	R	100		Very mature. Elm wood is strong & durable with a tight-twisted grain, is resistant to water. Used in decorative turning, to make boats, boat parts, furniture, wheel hubs & coffins http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=5981
Guelder-rose	Viburnum opulus	Hedges, wall and upper wood	01.01. 2020	F (25)	100	Not a deers favourite so not used shelters.	Native shrub introduced for biodiversity. Planted Jan 2020. Broadleaf deciduous shrub, 8-12 ft (2.1-3.5 m), upright, spreading, arching branches. Leaves opposite, 5-10 cm long, as wide or wider, with pointed lobes opposite, 5-10 cm long, as wide or wider, with pointed lobes. http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=6045
Ground Flora							
Carpet Bugle	Ajuga reptans	Marsh	April 2019	O	90		Flowers May to July, evergreen perennial. Blue/Purple flowers with a pattern of white veins. 1.5cm long. Stems have a square cross section, hairy on just two opposing sides; pairs of opposite oval leaves that are unstalked apart from a basal rosette of leaves which have short stalks. http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=243





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Wood Anemone	Anemone nemorosa	Upper and lower wood	Sept 2019	A	100	   	<p>Carpets the main ride and plenty more throughout woodland.</p> <p>Ancient indicator due to slow nature of spread. 6ft in 100 years. They slowly colonise by extending their wormlike brown rhizomes through the leaf littered soil of the forest floor, not by seed</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=369</p> <p>Feeds Fern moth - Late July to September. Twin spot carpet Apr to Jun</p>
Wild Angelica	Angelica sylvestris	Lower Wood	May 2019	F	100		<p>Leaves, young shoots and stems - used as an aromatic addition to salads or cooked and used as a vegetable. The taste is bitter.</p> <p>All members of this genus contain furocoumarins, which increase skin sensitivity to sunlight and may cause blisters.</p> <p>Feeds the Swallowtail caterpillar July to aug (sadly not recorded in cornwall. Also Brindled Ochre Moth Ap to Aug. (in decline)</p> <p>Ripening seeds feed the Beautiful Brocade. A Local species to SW. Jul to Sept.</p> <p>Feeds Several Pug & other looper</p>








							moths between Jun and Oct http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=382
Wavy Bittercress	Cardamine flexuosa	Marsh	April 2020	F	100		The leaves and roots of Cardamine flexuosa can be eaten raw or cooked Very common in damp shady places. A low but upright plant, normally well under 30 cm high but taller in marshes. Stem arises from basal rosette of leaves. 2 stamens, Hairy Bittercress normally has 4 stamens. Stems slightly flexuous. Usually perennial (Hairy is annual). Flowers always white. Stems normally hairy but not always. http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=1057
Greater Cuckooflower	Cardamine raphanifolia	Central marsh near stream	April 2018	O	100		The species is hermaphrodite (has both male and female organs) and is pollinated by Bees, flies, Lepidoptera (Moths & Butterflies). The plant is self-fertile. http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=1061






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Opposite-leaved Golden-saxifrage	Chrysosplenium oppositifolium	Marsh	Sept 2019	F	100		<p>Leaves edible - raw or cooked. Added to salads or soups. The leaves are rather small, and there is a distinct bitterness in the flavour, especially in hot weather.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=1388</p>
Enchanters-nightshade	Circaea lutetiana	Both wood and marsh	Jun 2019	F	100		<p>The plant has been used as a treatment on wounds. A compound infusion has been drunk and also used as a wash on injured parts of the body.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=1407</p>
Pignut	Conopodium majus	Lower wood, East side	Mar 2019	O	100	 	<p>Edible tubers - raw or cooked. A very pleasant food with a flavour somewhat between a sweet potato, hazelnuts or brazil nuts. There is only one tuber on each plant, this is rather small and difficult to harvest and we would not do so due to limited amounts.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=1553</p>
Smooth Hawk's-beard	Crepis capillaris	Lower, east end.	Jul 2019	R	70		<p>Fallen tree, light area</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=1675</p>






Foxglove	Digitalis purpurea	Upper and Lower wood	April 2019	R	100		<p>2019: Very little foxgloves properly flowering due to full canopy. Monitoring progress of flora when thinned.</p> <p>Update: 2020 – Many Foxgloves and luxuriant flowering where fallen trees and thinning has started.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=1900</p>
Great Willowherb	Epilobium hirsutum	Marsh west	May 20	O	100		<p>Foodplant of the elephant hawk moths</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=2053</p>
Meadowsweet	Filipendula ulmaria	Marsh	Sept 2018	A	100		<p>Dissappointing flower due to shaded area. Monitoring through management of canopy.</p> <p>A black dye is obtained from the roots. It is brown. A yellow dye is obtained from the plant tops. An essential oil obtained from the flower buds is used in perfumery. The whole plant, but especially the leaves, was formerly used as a strewing herb, imparting an</p>



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							almond-like fragrance. Meadowsweet has a very long history of herbal use, it was one of the three most sacred herbs of the Druids. http://www.brc.ac.uk/dbif/hostsresults.aspx?hostid=2296
Wild Strawberry	Fragaria vesca	East middle track	May 21	R	100		Foodplant of buff ermine and carpets http://www.brc.ac.uk/dbif/hostsresults.aspx?hostid=2317
Cleavers	Galium aparine	All of wood, mostly west.	April 2019	A	100		http://www.brc.ac.uk/dbif/hostsresults.aspx?hostid=2377
Woodruff	Galium odoratum	East lower bank by stream	May 21	O	100		
Herb-robert	Geranium robertianum	Lower east end	Apr 2019	O	100		Freshly picked leaves can be rubbed on the body to repel mosquitoes. http://www.brc.ac.uk/dbif/hostsresults.aspx?hostid=2451



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Wood Avens	Geum urbanum	Lower wood	April 2019	O	100		An astringent herb, used principally to treat problems affecting the mouth & throat. It heals mouth ulcers, makes a good gargle for infections of the larynx, reduces irritation. http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=2462
Ground-ivy	Glechoma hederacea	Upper & lower west end of wood	April 2020	O	100		Some seen 2019, but large amounts found in the west from marsh to upper woodland in 2020. More again 2021. Flowering from April, large growth in marsh in June. http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=2468
Common Ivy	Hedera helix	All areas	Sept 2018	A	100		Holly blue 2 nd brood rely on Ivy flowers. Among many other macro moths. http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=2563
Atlantic Ivy	Hedera hibernica	All areas	Sept 2018	A	70		http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=2563 Ecologist from ERCCIS confirmed atlantic Ivy






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English Bluebell	Hyacinthoides non-scripta	Upper and lower wood	Feb 2019	D	100	 <p>Only areas where there was less, was the marsh and steep banks of low bramble.</p> <p>The bulb (and potentially the whole plant) is poisonous.</p> <p>A paper glue is obtained from the sap in the bulb and stem. Simply cut open a bulb and apply the sap to whatever needs to be joined. Foodplant of the six-striped rustic and Autumnal rustic</p>
Tutsun	Hypericum androsaemum	Entrance	July 2019	O	100	<p>Not very well used!</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=2736</p>
Slender St Johns-wort	Hypericum pulchrum	Bank, middle trail. Left heading west	June 2019	R	100	<p>Fairly dark area due to holly. Seen Autumn 2020 along paths and near base firepit.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=2746</p>
Yellow Iris	Iris pseudacorus	Marsh	Sept 2018	A	100	 <p>2019: Poor flowering due to hemlock water dropwort dominating areas and lack of light.</p> <p>2020: many flowering due to some management of HWD</p> <p>A slice of the root held against an aching tooth is said to bring immediate relief. It was at one time widely used as a powerful cathartic but is seldom used</p>







							nowadays because of its extremely acrid nature. http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=2823
Yellow archangel	Lamiastrum galeobdolon subsp. argentatum	Marsh	Sept 2019	F	100		Verigated non native ☹️ Monitoring http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=2967
Nipplewort	Lapsana communis	Marsh and lower wood	Apr 2020	O	100		http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=2986
Honey Suckle	Lonicera periclymenum	All areas	Sept 2018 - cont	A	100		Although abundant, there is little of it flowering due to closed canopy. More mature creeping up trees flower. 2020: Flowering in thinned areas well. Early June. Feeds the leopard moth caterpillar, white admiral and marsh fritillary among others http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=3196



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Western skunk cabbage	Lysichiton americanus	Marsh	Sept 2018	R	100		Invasive non native. Monitor Update 2020. 3 more small ones appeared. Managing
Yellow pimpernel	Lysimachia nemorum	Marsh	Aug 2019	O	100		An astringent herb, yellow pimpernel is used as a wound herb to staunch bleeding. Not relied upon much http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=3262
Watermint	Mentha aquatica	Marsh middle	April 2020	O	100		Not much in woodland 2019. 2020 has seen much larger amounts where salix caprea was coppiced. http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=3411
Watercress	Nasturtium officinale	Pond (small scrape)	Mar 2021	O	100		Very exciting to find this naturally colonise. The far marsh top soil has high nutrients (nitrates) due to agricultural run off and why nettle and HWD dominate. The shallow pond Nige dug in 2018/19 was located where a potential spring could be. After two years N. officinale appears indicating this is unpolluted water and not run off. As part of the management we have dug a larger pond here for the unpolluted water to benefit what was highly polluted top soil






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							with dominant species.
Hemlock Water-dropwort	Oenanthe crocata	Marsh	Mar 2019	D	100		<p>Dominated the marsh, over took iris, yellow archangel etc. Some management started Early 2020. Other species benefitting. HWD is the most toxic plant growing in Britain to both humans and animals. It contains a powerful neurotoxin. It is however, also beneficial to some wildlife.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=3622</p>
Wood Sorrel	Oxalis acetosella	Lower path and lower bank wet woodland	Jan 2021	R	100	 	<p>Appeared for 1st time in 2021. Small patches we have marked with flag. Light location where sycamore felled two years ago. Flowering in April.</p>
Ribwort Plantain	Plantago lanceolata	Upper and lower wood	May 2019	O	100		<p>Highly nutritious food for livestock. No surprise its widely used by invertebrates</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=4159</p>






Primrose	<i>Primula vulgaris</i>	Upper Wood	Mar 2019	O	100		<p>Thinning will encourage more. Not many apart from west. More 2020. More frequent again in 2021.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=4371</p>
Lesser celandine	<i>Ranunculus ficaria</i>	All areas	Mar 2019	F	100		<p>Historically has been applied directly to the skin for bleeding wounds and gums, swollen joints, warts, scratches, and hemorrhoids! More in 2021.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=4614</p>
Creeping buttercup	<i>Ranunculus repens</i>	Marsh	April 2020	A	100		<p>All parts of the plant are poisonous[19], the toxins being destroyed by heat or by drying[65]. The plant also has a strongly acrid juice that can cause blistering to the skin</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=4623</p>
Bramble	<i>Rubus fruticosus</i> agg	All areas	Sept 2018	A	100		<p>Mostly low level and manageable due to Roe deer browsing. An important source of nectar for Silver washed fritillary, Brimstone</p>





							and Speckled Wood butterflies. Also R. fruticosus food plant of many caterpillars such as grizzled skipper and green hairstreak
Common Sorrel	Rumex acetosa	Middle track	Mar 2020	F (West 2020) A	90	 	<p>Abundant 2020, more so than prev years.</p> <p>Used to make a cooling drink in the treatment of fevers and are especially useful in the treatment of scurvy!</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=4814</p>
Curled Dock	Rumex crispus	Lower wood	May 2019	O	60		<p>Need to recheck nutlets 2020. Zooming in it appears C. crispus</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=4900</p>
Water figwort	Scrophularia auriculata	Marsh	Mar 21	O	100		<p>Water figwort has distinctive petiole wings compared to common. Feeds a fair amount of coleoptera</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=5085</p>
Red campion	Silene dioica	Upper and lower wood	Mar 2020	F	100		<p>Mostly located west. Abundant in 2020 where it wasn't before. Roe deer Browse frequently.</p>



							http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=5250
Bittersweet nightshade	Solanum dulcamara	Marsh, east end	May 2020	O	100		<p>Toxic. A species of woody vine in the potato family, likes to grow in moist, dark places. It can be robust, scrambling over other plants.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=5478</p>
Hedge woundwort	Stachys sylvatica	Marsh	Sept 2018	O	90		<p>Foodplant of looper moths such as beautiful golden Y. Also a food plant of Adonis Blue caterpillar but not recorded here. Large list of invertebrates' benefit.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=5458</p> <p>Seen 2018/19 and not until Nov 2020. It is applied externally to wounds. The plant is also said to be diuretic. A tough fibre is obtained from the stem. It has commercial possibilities. A yellow dye is obtained from the plant.</p>
Greater stitchwort	Stellaria holostea	Upper and lower wood	Jul 2018	F	100		<p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=5544</p> <p>Growing in abundance Nov 2020</p>



Dandelion	Taraxacum sp.	West and East	April 2021	O	100		There are currently 232 species of dandelion identified in the BI.
Woodland Germander/ Wood Sage	Teucrium scorodonia	Upper and Lower wood	July 2019	F	100		<p>A large list of moths and other invertebrates feed from this plant.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=5571</p> <p>The herb is often used in domestic herbal practice in the treatment of skin afflictions, diseases of the blood, fevers, colds etc. It is an appetizer of the first order and is equal to gentian root as a tonic.</p>
Pennywort	Umbilicus rupestris	Upper wood	Sept 2018	F	100		<p>The juice and extract of the plant have an old reputation for the treatment of epilepsy.</p> <p>A very acceptable mild flavour in the winter and early spring, they can be used in quantity in salads at this time.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=5788</p> <p>Feeds the magpie moth caterpillar (late ug to June) and weavers wave (snowdonia)</p>








Nettle	Urtica dioica	Marsh and lower wood, east	April 2019	A	100		<p>Huge list of invertebrates feed on nettles. http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=6094</p> <p>Caterpillars of the small tortoiseshell and peacock butterflies to name a couple of many that use them as foodplants</p>
Common Valerian	Valeriana officinalis	Marsh & Banks	April 2019	F	100		<p>Fairly short flowering period in our woodland due to shade.</p> <p>Foodplant of some Looper moths, namely pugs and waves. Loved by beetles and bugs. Often find them mating in the sun. http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=6033</p> <p>Valerian has been known to encourage sleep, improve sleep quality and reduce blood pressure. It is also used internally in the treatment of painful cramps.</p>



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Ivy-leaved Speedwell	Veronica hederifolia	West of wood, upper and lower	March 2020	F	90	 	<p>Became very abundant in 2020 and made it through the thick bluebell cover.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=5801</p> <p>A food plant of the Glanville Fritillary (Only found in Isle of White)</p>
Wood Speedwell	Veronica montana	Lower and upper wood	Apr/ Jun 2019	O	100	 	<p>The herb is a blood purifier. It is applied externally to skin diseases and is said to be an efficacious treatment for itching. Internally, an infusion of the leaves once had a good reputation in the treatment of coughs & asthma.</p> <p>The leaves are a tea substitute.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=6043 Just one diptera</p>
Dog Violet	Viola riviniana	Hedge	April 2019	R	80		<p>Only one plant seen. Update April 2021 (several more natural plants) Planted 10 plug plants in Feb 2021. to contribute to the many SWF butterflies we see.</p>





Species List

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			April 2021	O			<p>The main food plant of the Silver washed fritillary caterpillar in March to April.</p> <p>Lighter spur than early dog violet.</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=595</p>
Rushes/Sedges/Grasses							
Sweet Vernal Grass	Anthoxanthum odoratum	Right of lower path	April 2021	O	100		<p>New species recorded 2021.</p> <p>Foodplant for the larvae of brown and skipper butterflies</p> <p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=411</p>
Lesser Pond Sedge	Carex acutiformis	Marsh	Jun 2019	F	70	 	<p>http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=1083</p>





Glaucous Sedge	Carex flacca	Lower wood	May 2020	O	70		http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=1098
Hairy sedge	Carex hirta	Lower wood	May 2020	O	70		http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=1100
Common Sedge	Carex nigra	Marsh	June 2019	A	80		http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=1110



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Greater Tussock-sedge	Carex paniculata	Marsh	April 2020 April 2021	R O	100		http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=1117 Only one observed initially. Found second April 2021
Pendulous Sedge	Carex pendula	Inside gate and marsh	April 2020	O	100		http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=1118



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Remote Sedge	Carex remota	Marsh	July 2019	F	100		Ancient woodland indicator. Ample found June 2020 http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=1123
Wood Sedge	Carex sylvatica	Upper wood trail	April 2020	O	90	  	http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=1128
Common Spike-rush	Eleocharis palustris	Marsh	Jun 2019	F	70		Needs further ID http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=2005
Sharp-flowered Rush	Juncus acutiflorus	Marsh	Jun 2019	F	50		Needs further ID http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=2859



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Hairy Woodrush	Luzula Pilosa	Shady historic wall by stream and top of marsh	May 2020	O	90		Woods and other moist but well-drained shaded places, sometimes on roadside-banks and in hedgerows, generally on fairly acidic soils but not confined to them. Plants usually occur in leaf-litter or moss-dominated sites, and competition is rarely tolerated. http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=3234
Rough Meadow-grass	Poa trivialis	Along trails	Jun 2019	F	80		http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=4197
Ferns/Horsetails							
Lady-fern	Athyrium filix-femina	Marsh banks	Jul 19	F	100		Small ferns only. http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=637
Hard Fern	Blechnum spicant	South marsh banks	Jul 19	F	100		Not much reported to benefit as a food plant http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=825
Hay-scented buckler-fern	Dryopteris aemula	Lower trail, left	May 2020	O	70		Re checking



Species List



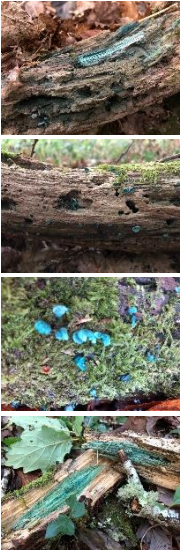
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Scaly male fern	Dryopteris affinis	Upper wood	April 2020	O	80		Got to recheck all ferns
Broad Buckler-fern	Dryopteris dilatata	Upper wood	Jul 19	O	70		http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=1962
Male-fern	Dryopteris felix-mas	Marsh banks	Jul 19	F	90		http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=1963
Common Polypody	Polypodium vulgare	Banks and trees	Nov 19	F	100		http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=4249
Fungi							
Jelly Ear	Auricularia auricula-judae	Upper and lower wood	Nov 2018	F	100		On numerous dead branches on ground and a living very mature elder (large dead branch).



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Honey fungus	Armillaria mellea	Lower wood	Dec 18	O	100		Photo taken on oak in eastern end Nov19. Can also see the rhizomorphs on many dead trees. http://www.brc.ac.uk/dbif/hosts/results.aspx?hostid=526
Black Bulgar	Bulgaria inquinans	Lower Wood, western end	Nov 2018	O	100		“What Uncle Fester would produce if he were CEO of the Gummi factory” mushroom expert.
Green Elfcup (+ fruiting bodies)	Chlorociboria aeruginascens	Upper and lower wood (lower) Ground dead oak	C (Sept 2018)	F(R)	100		Fruiting bodies found on the day we completed the purchase. Alas, just in one area. Lots of it all over wood without fruiting bodies.



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Shaggy Parasol	<i>Chlorophyllum rhacodes</i>	Mid Woodland	Oct 2019	F	90		Starting ovate, smooth and pale brown/pink opening flat with shaggy brown scales on a white background, usually with a smooth umbo.
King Alfred Cake	<i>Daldinia concentrica</i>	Lower wood	Feb 2019	F	100		Mostly found on fallen ash branches. Good tinder for firelighting when dry. Spores are released from the outer surface of the fungus through perithecia (small beak-like holes), leaving a darker area on the surrounding wood.
Black Witches Butter	<i>Exidia glandulosa</i>	Upper and lower wood	Nov 2018	F	100		Ground dead wood
Artist's Bracket	<i>Ganoderma applanatum</i>	Marsh, on fallen oak	Mar 2021	R	100		Fruiting body can be aged by the layers if cross sectioned.








Species List

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Sulphur Tuft	Hypholoma fasciculare	Lower wood	Oct 2018	F	60		Ground dead wood by marsh. Needs re checking
Rosy Brown Waxy Cap	Hygrophorus roseibrunneus	Lower Wood	Nov 2018	R	70		
Crystal Brain	Myxarium nucleatum	Upper wood	Nov 2018	O	100		Common wood rotting fungus on broadleaf trees
Stinkhorn	Phallus impudicus	Lower wood In leaf litter	Jun 2019	O	100		Found another 3m away in Nov 2020
Oyster Mushroom	Pleurotus ostreatus	Upper wood	10 th Mar 20	O	100		on dead wood (looked like large ivy stem (central east of wall)) Also found on fallen aspen.



Deer mushroom	<i>Pluteus cervinus</i>	Upper wood	Oct 2018	O	50	 	
Scarlet elfcup	<i>Sarcoscypha austriaca</i>	Western End	Feb 2019	O	100	 	Edible, apparently tasty
Common Earthball	<i>Scleroderma citrinum</i>	All woodland floor except marsh	Sept 2018	A	100		



Species List

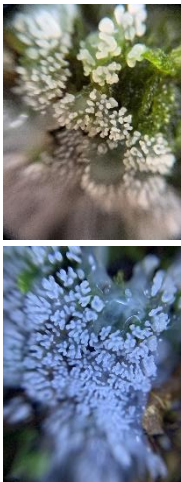

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Hairy curtain crust	Stereum hirsutum	River bank	Oct 2018	F	100		On deadwood over stream
Brown Brain	Tremella steidleri	Ride on right	06.12. 2020	R	95		Rare Species! Reported. Its host is Sterium hirsutum https://species.nbnatlas.org/species/NBNSYS0000021362
Candlesnuff Fungus	Xylaria hypoxylon	Lower woods	Oct 2018	O	100		
Dead Mans Fingers	Xylaria polymorpha	Upper and lower wood	Sept 2018	F	100		
Slime Moulds							



Species List




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Honeycomb Coral Slime mould	Ceratiomyxa fruticulosa	East slope (middle)	Oct 2019	R	100		Found in one spot on ground dead wood.
False Puffball	Reticularia lycoperdon	Lower Wood, Stream edge	Mar 2019	O	100		1 is Plasmodial form and 2 is Sporangial form. Typically seen in its reproductive phase as a white 'swelling' on standing dead trees in the spring, or on large pieces of fallen wood. Alder is a common host.
Lichens							



Species List



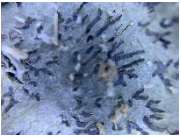
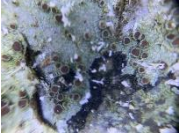

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Common Powderhorn	Cladonia coniocrara	Lower Wood	Nov 2018	O	100		
Oak Moss	Evernia prunastri	Upper and Lower wood	June 2019	F	100		Evernia is a bushy lichen that is sensitive to air pollution, so is usually found in clean air environments.
Common greenshield lichen	Flavoparmelia caperata	Upper and lower wood	Nov 2018	A	100		Medium to large foliose lichen that has a very distinctive pale yellow green upper cortex when dry. Yellow-green when wet. The rounded lobes, measure 3–8 mm.



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	Graphis scripta	Upper and lower wood	June 2019	F	80		A thin, smooth, pale crust (grey to light pink) with prominent, long, very narrow, curved, often forked fruiting bodies.
Sea storm lichen	Parmotrema perlatum	Upper and Lower wood	June 2019	F	100		A species of lichen used as spice in India!
	Phaeographis dendritica	Upper and Lower wood	Aug 2019	F	80		
	Lecanora chlarotera	Upper and lower wood	Aug 2019	F	90		
	Ramalina calicaris	Upper and Lower wood	June 2019	O	100		



Species List


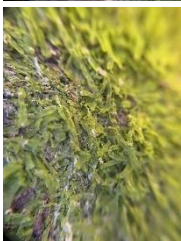
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Barnacle lichen	Thelotrema lepadinum	Upper and lower wood	Aug 2019	0	60		
	Usnea cornuta	Upper and Lower wood	June 2019	0	90		
	Usnea robicunda	Upper and Lower wood	June 2019	0	50	 	
Bryophytes							

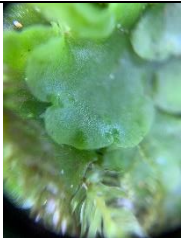






Liverworts							
Notched Pouchwort	Calypogeia arguta	Mid trail bank	Oct 2019	R	95		centre among other moss
Great Scented Liverwort	Conocephalum conicum	Stream banks	July 2019	F	100		Contains terpenes which can cause allergies.
White Earwort	Diplophyllum albicans	Middle trail	July 2019	F	100		

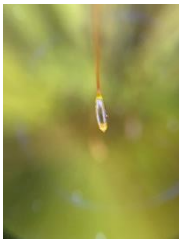





Dilated Scalewort	Frullania dilitata	Upper and lower wood,	July 2019	F	100		On Oak and Aspen Can cause contact dermatitis
Tamarisk scalewort	Frullania tamarisci	Middle trail	July 2019	O	80		Can cause contact dermatitis
Forked Veilwort	Metzgeria furcata	Upper wood	July 2019	F	95	 	On beech (mature) and very mature Elder



Overleaf Pellia	Pellia epiphylla	Lower wood and marsh	July 2019	F	100	 	2 nd photo shows fertile female parts. Previously noted as Not fertile so wasn't 100%. Contains terpenes, Angie we believe reacted to this plant whilst training in bryology
Nees Pellia	Pellia neesiana	Old wall/bank near stream	April 2019	O	40		Pellia species are difficult to ID unless a fertile plant. Also contains terpenes. Potential allergies.
Pleurocarps							
Common Striated Feather-moss	Eurynchium striatum	Lower wood	Aug 2019	F	100	 	E. striatum is an indicator of long established woodland






Mamillate Plait-moss	Hypnum andoi	Lower wood	Nov 2019	O	100	 	Hypnum species have a nipple like sporophyte and andoi has a shorter point.
Larger Mouse-tail Moss	Isothecium alopecuroides	Upper wood	Aug 2019	F	100	 	
Mouse-tail Moss	Isothecium myosuroides	Both woods	Aug 2019	F	100		



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Common Feather-moss	Kindbergia praelonga	Lower wood	Aug 19	F	100		
Woodsy Silk-moss	Plagiothecium nemorale	Upper wood lining rabbit warren/fox den	Mar 2020	O	95		Found in den/sett/warren lining the sides. Looked comfy!
Fox-tail Feather-moss	Thamnobryum alopecurum	Lower east end of wood	Aug 2019	O	50		








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Common Tamarisk-moss	Thuidium tamariscinum	Upper and lower wood	Aug 2019	F	100		
Acrocarps							
Catherines Moss	Atrichum undulatum	Marsh bank and entrance	July 2019	O	100		
Broom Fork-moss	Dicranum scoparium	Lower wood/ marsh Now around area at base firepit	July 2019	O	100	 	Interestingly it seems this has grown vigorously in 1 year around our firepit area.





Shining Hookeria	Hookeria lucens	Stream bank and lower Cornish hedge on marsh	Jun 2019	A	100	 	Favourite moss and very distinctive, bright and shiny. Can be confused with liverwort.
Swans-neck Thyme-moss (M/F)	Mnium hornum	Lower wood and marsh bank	Mar 2019	A	100	 	Males have dots, females do not. Has numerous different appearances. Very common throughout our trails and banks
Bank Haircap	Polytrichum formosum	Lower wood	Sept 2018	O	100		



Crisped Pincushion	Ulota crispa	Upper wood	Nov 2019	R	90		<p>On Hazel fallen branch with Frullania dilatata and lichen.</p> <p>Could be U. bruchii</p>
Invertebrates							
Peacock Butterfly	Aglais io	Throughout lower & upper wood	Mar 2020 Nov 2020	F	100	Seen march to september.	<p>Easily recognized by the bold eye spots. Black underside. Caterpillars feed on Nettles and seen May to July.</p> <p>2020 Update, seen fresh adult in Nov 2020 Caterpillar foodplant is common nettle</p>
Diving beetle sp		Pond	April 2021	O	60		Not sure I will get much of a better ID






Lesser Diving Beetle	Acillius sulcatus	Pond	April 2021	O	70		https://www.ukbeetles.co.uk/acillius-sulcatus
Sumo mites	Allothrombium	West	May 21	R	60		
Artichoke Gall Wasp	Andricus foecundatrix	Upper and lower wood	Sept 2019	A	100		So abundant, galls found in leaf litter. Monitoring 2020 update. Not seen
Oak Marble Gall Wasp	Andricus kollari	Middle trail	Nov 2020	O	100		Found on Oaks, this one attaches the gall to the bud unlike others on the leaf. Up to 2 cm large at maturity the gall is hard and woody. Fresh galls, greenish to brownish, can be found from June; they are ripe in September. The gall develops from the base of a bud, that itself is absorbed. Parasitic wasps can also lay eggs in the gall who will feed on the host gall. Upto 17 species have been found in this gall nursery!





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Woodland Dor Beetle	Anoplotrupes stercorosus	Mid Woodland	Sept 2018	O	100		Up to 12–20 mm long. The body colour is blue-black, while the underside is usually metallic blue. The elytra have seven longitudinal slightly dotted grooves. The wings may be blue, violet or green. Antennae are reddish brown. Presents only two keels on the outer side of the tibia of the third pair of legs.
Ashy Mining Bee	Andrena cineraria	Lower Wood	02.05.2021	R	90		Wasn't expecting to see one in our woodland but it seems as though our small glade openings are working for other sun loving species. Another example of species diversity through management of a closed canopy neglected coppice.
Orange Tip	Anthocharis cardamines	Lower wood	Mar 2020	F	100		Small white. Female has bright orange tips. Male can be mistaken for green veined whites but unmistakable when wings closed and a light tortoise shell pattern. Seen in damp meadows and woodland rides, hedgerow. Larvae are cannibalistic when young, so female rejects plants







							with an egg. Adults feed on cuckoo flower! Among others. http://www.brc.ac.uk/dbif/invertebratesresults.aspx?insectid=651
Alder Spittlebug	Aphrophora alni	Lower wood	Aug 2019	O	100		One of several similarly-patterned, large froghoppers, but probably the most common and widespread. Foodplants: http://www.brc.ac.uk/dbif/invertebratesresults.aspx?insectid=876
Western Honey Bee	Apis mellifera	Near gate	Jun 19	O	90		
Silver -washed Fritillary	Argynnis paphia	Upper and lower wood	July 2019	A	100		Flies out from the leaf litter for a couple of weeks. About 30 each walk. Adults feed on the nectar of bramble Caterpillars on common dog violet. http://www.brc.ac.uk/dbif/invertebratesresults.aspx?insectid=1073
March fly/ St Marks Fly	Bibio sp.	Main ride	March 2020	F	100		Small Bibio species with pale hairs. All black in Hawthorn fly. Lots of small round segments to body. Fishing tackle mimics this species for fly fishing.
Oak Apple Gall Wasp	Biorhiza pallida	Upper and Lower wood	Oct 2018	O	60		




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Red-tailed Bumblebee	<i>Bombus lapidarius</i>	Upper wood in bluebells	Apr 2019	O	100		Queens feeding on bluebells in spring and we have their winter nests in the banks
Common carder bee	<i>Bombus pascuorum</i>	Near log pile	May 19	O	100		Queen. Nests in grass. Can be easy targets to predators such as the badger.
Buff-tailed Bumblebee	<i>Bombus terrestris</i>	Lower Wood, nest in ancient wall	Sept 18	O	90		Queen. One of the most numerous bumblebee species in Europe. It is one of the main species used in greenhouse pollination
Forest cuckoo bee	<i>Bombus sylvestris</i>	Lower wood, middle trail	Sept 2018	R	40		Queen, not looking her best. Havent found any obvious likeness to any. Has notched buff tail
Beautiful Demoiselle	<i>Calopteryx virgo</i>	Stream and marsh	July 2019	O	100		<p>Males have a metallic blue-green body and broad, dark wings with iridescent veins.</p> <p>Females have a brilliant metallic green body and the wings are tinted golden brown.</p> <p>Females lay up to 300 eggs at a time on emergent or floating plants, often on water-crowfoot. They feed primarily on insect larvae such as those of the</p>




							black flies, midges, stoneflies and mayflies. We have therefore added water crowfoot as an oxygenator to ponds.
Holly Blue butterfly	Celastrina argiolus	Marsh	Beg April 2020	R	100		Has relationship with ants due to honey gland as with other blues. Look for feeding holes on sides of ivy flowers. Feeds on holly on 1 st brood and ivy flowers on 2 nd . https://butterfly-conservation.org/butterflies/holly-blue http://www.brc.ac.uk/dbif/invertebratesresults.aspx?insectid=1747
Ichneumonid sp	Cidaphus atricilla	Upper wood, near new latrine on ivy	May 2020	R	100		A rare find! These are hyperparasitoids, parasitizing on other ichneumonids in caterpillars. Normally nocturnal but they do pop out in daytime.
Beetle (Cryptocephalus aureolus?)	Coleoptera	Lower bank far west	May 2021	R	?		Medium large metallic green beetle. Rectangle shape. Observe further. The closest ID has been Cryptocephalus aureolus, which would be rare. However mostly on calcareous grassland but can be swept to dry woodland borders. Food plant ranunculus was correct. Recorded coastal in South West.





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							http://www.brc.ac.uk/dbif/invertebratesresults.aspx?insectid=2558
Clouded Yellow	Colias croceus	Flat wood	Sum 2019	R	90		Only seen once passing through, no obvious food plants here https://butterfly-conservation.org/butterflies/clouded-yellow
Mosquito sp	Culicidae	Woods/ Marsh	June 2019	A	100		7 bat boxes have been installed 2020.
Banded mosquito	Culiseta annulata	Shed	Think April 2020	O	70		Opened shed up one day to find masses flying out and up at window. Very large and spotted wings.
Acorn Weevil	Curculio venosus	Eastern end of Wood (entrance)	Jul 2019	R	90		<p>Mating pair.</p> <p>A fairly large brown weevil, with females measuring around 7mm. It is quite similar to some other members of this genus. Feeds from Oak species.</p> <p>http://www.brc.ac.uk/dbif/invertebratesresults.aspx?insectid=2633</p>






Cherry Gall Wasp	<i>Cynips quercusfolii</i>	Upper and Lower Wood	2018	A	100		Living up to its name, the cherry gall wasp produces growths, or 'galls', on oak leaves that look like red cherries. Inside the gall, the larvae of the wasp feed on the host tissues, but cause little damage.
Copper Peacock Beetle	<i>Elaphrus cupreus</i>	Marsh by stream entrance	28/04/2019 April 2021	F A	100		<p>My favourite beetle! Found in Marsh and lower path</p> <p>There is a vast improvement on the populations in 2021. They like undisturbed habitat, potentially providing evidence of our infrequent management.</p> <p>https://www.ukbeetles.co.uk/elaphrus-cupreus</p>



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Tapered Drone Fly	Eristalis pertinax	Marsh - west	April 2020	O	100	 	<p>Seen in April, then found larvae (Rat-tailed maggot) in clay in marsh.</p> <p>often found in ditches polluted with organic matter.</p>
Pond Skater	Gerris lacustris	Pond	April 2021	O	100		First visitor to the larger new ponds as well.
Common Pill Millipede	Glomeris marginata	Lower track next to spring	April 2021	R	100		<p>Rolls itself up into a ball ("volvation") when disturbed.</p> <p>https://www.naturespot.org.uk/species/pill-millipede</p>
Brimstone Butterfly	Gonepteryx rhamni	Lower woodland and marsh	Spring-aut 19/20/21	O	100		<p>Quite frequent visitors throughout the wood.</p> <p>https://butterfly-conservation.org/butterflies/brimstone</p> <p>Planted a few alder buckthorn for their benefit.</p>








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Fly Sp (no common name)	Graphomya maculata	Marsh	April 2020	O	100		Female, Thorax same in both sexes, male has orange abdomen.
Whirligig Beetle	Gyrinus substriatus	Ponds	April 2021	O	100		Its circulating behaviour is unmistakable. Both adult and larvae eat mosquito larvae. They carry an air bubble around with them on the tip of the abdomen, which is periodically replenished, and enables them to stay submerged for long periods.
Horse fly Notch-horned cleg-fly	Haematopota pluvialis	Woods and marsh	June 2019	F	100		Possibly a few different species, but we will go with most likely. Not going to spend any effort ID'ing this little bastard. 30 species of horse-fly in UK
Water Measurer	Hydrometra stagnorum	Ponds	2020 and	O	100		The population has vast improved 2021 in our larger ponds.







			April 2021				
House-fly sp	Hydrotaea	Marsh	April 2020	O	100		Normally found near livestock
Millipede	Family Julidae	Upper wood	Mar 20	F	100		Found whilst planting trees. Julida contain over 600 species and 20 genera.
Rolled winged stone flies	Family Leuctridae	Car area	Dec 2020	O	100		Family of stone flies with 390 species.
Leopard Slug	Limax maximus	Lower wood/marsh	Nov 2019	O	100		They prefer damp, shaded places such as beneath rocks or vegetation. They are nocturnal in nature and have a very developed homing behavior.
Black Arches	Lymantria monacha	Lower wood	July 2019	O	100		The black arches or nun moth is a small Palearctic moth. It is considered a forest pest.



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Yellow-barred Longhorn moth	Nemophora degeerella	Marsh	June 2020	O	100		On HWD. Wingspan 16-23 mm. The males of this longhorn moth have extremely long antennae; the females much shorter. In May and June, the males can often be seen in groups, 'dancing' in the sunshine. The larvae feed on leaf litter on the ground. No recorded food plants.
Smooth Spangle Gall Wasp	Neuroterus albipes	Upper wood	Oct 2019	O	100		Forms chemically induced leaf galls on oak trees which has both bisexual and agamic generations and therefore forms two distinct galls, the smooth spangle gall and Schenck's gall.
Silk-Button Spangle Gall Wasp	Neuroterus numismalis	Upper wood	Nov 2019	O	100		Forms chemically induced leaf galls on oak trees. It has both bisexual and agamic (parthenogenetic) generations and forms two distinct galls on oak leaves, the silk button gall and blister gall
Large yellow underwing	Noctua pronuba	Upper wood	July 2019	F	100		Large. One of the most common Noctuid moths in Europe.
Brimstone Moth	Opisthograptis luteolata	Far west	May 21	R	100		https://butterfly-conservation.org/moths/brimstone-moth



Species List



HAPPYHABITATS
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							Interestingly this is where blackthorn is more common one of its foodplants, along with rowan and hawthorn
Cereal leaf Beetle	Oulema	Lower west	Jan 2021	R	90		
Speckled Wood	Pararge aegeria	Throughout	Spring 20 and April 21	F	100		Caterpillar eats cocks foot, Yorkshire fog etc. https://butterfly-conservation.org/butterflies/speckled-wood
Green Shieldbug	Palomena prisina	Lower wood	Apr 2019	F	100		
Moth Flies	Pericoma sp	West near marsh on track	Mar 2020	O	80	Occasionally seen on vegetation near water.	Small white and black fluffy little fly! Microscope needed to identify species. I won't be putting a pin in one!



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Large White	Pieris brassicae	Marsh	April 21	O	90		Seen this year and 2020. No regular foodplants in wood though. https://butterfly-conservation.org/butterflies/large-white
Moth Flies	Psychodidae Pericoma sp	Lower woodland	Apr 2022	F	70		Usually found in wet habitats. A cute fly, not shy! https://species.nbnatlas.org/species/NBNSYS0000037111
Comma Butterfly	Polygonia c-album	Marsh glade	April 2021	O	100		New species to our woodland 2021. Interestingly seen over many days dancing/sunbathing with peacock butterfly. We would like to find out more on this interspecies relationship. with The most widely used foodplant is Common Nettle (<i>Urtica dioica</i>). Other species used include Hop (<i>Humulus lupulus</i>), elms (<i>Ulmus</i> spp.), currants (<i>Ribes</i> spp.), and Willows (<i>Salix</i> spp). https://butterfly-conservation.org/butterflies/comma



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Green-veined White	Pieris napi	Marsh (Cuckoo flower)	May 21	O	100		https://butterfly-conservation.org/butterflies/green-veined-white on one of its caterpillar foodplants.
Millipede	Polydesmus	Upper wood	Nov 2019	R	80		Most millipedes are scavengers. They eat damp or decaying wood particles. They also eat decaying leaves and other plant material. I've heard they smell like almonds, but no idea!
Red-headed Cardinal Beetle	Pyrochroa serraticornis	Lower track, west	30.05. 2020	R	100		Predator. Hunts other insects flying where perched. Larvae also eat other insect larvae http://www.brc.ac.uk/dbif/invertebratesresults.aspx?insectid=7340
Two-banded Longhorn Beetle	Rhagium bifasciatum	Near firepit	June 2020	O	100		Adults occur from April until June /July and will often be found in numbers, especially in early spring when beginning to emerge from their overwintering sites under bark, they fly well and visit a range of



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							flowers to feed on pollen, especially those of elder, hawthorn and various umbel. http://www.brc.ac.uk/dbif/invertebratesresults.aspx?insectid=7406
Slender Groundhopper	Tetrix subulata	Middle track	Mar 2020	O	90		Possibly cepero's groundhopper. Usually close to ponds or streams. Seen all year with new generation late July. http://www.brc.ac.uk/dbif/invertebratesresults.aspx?insectid=8274
Crane fly sp	Tipula vittata	Marsh	Mar 2020	O	100		Laying eggs in mud
Painted lady	Vanessa cardui	Lower wood	Sum 2019/20	O	100		https://butterfly-conservation.org/butterflies/painted-lady


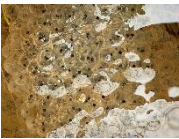


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							strangely we have no thistles, we have nettles though.
Red admiral	Vanessa atalanta	Lower wood	Sum 2019/2020	O	100		https://butterfly-conservation.org/butterflies/red-admiral We have nettles for caterpillars
Water Cricket	Velia caprai	Pond	July 20 and April 21	F	100		Observed summer 20 and young April 2021. The eggs are laid in long rows on floating plants and are found in May and June, nymphs from June to August. Adults feed on various small insects that have died and fallen into the water. Five larval stages, and two or three generations a year have been observed.
European Yellowjacket	Vespula vulgaris	Upper wood	Nov 2019	O	100		Queen hiding in trail camera security box




Arachnids							
Harvestman	Leiobunum rotundum	Upper wood	Jul 2019	A	90		Preferring damp habitats, this harvestman is often found resting on tree trunks (north side), walls, fences etc. and amongst grass and leaf litter
Reptiles							
Slow Worm	Anguis fragilis	Lower path in sunny position	April 2021	R	100		So Exciting!! Some evidence our woodland glades and rides are working for biodiversity. They need sunny patches which we have created and plenty of habitat piles.
Amphibians							
Common Frog	Anguis fragilis	Lower path in sunny position	April 2021	R	100		Spawn laid in shallow pond 2020 and 2021. Tadpoles doing well. Improved habitat as below.
Common Toad	Bufo bufo	Lower wood	June 20	R	100		Only one seen under log. Improved habitat. Bigger ponds and more log piles near marsh.
Newt (Palmate or smooth)	Lissotriton	Shallow pond	July 2020	R	100		Seen at bottom of pond. One only. Further observation



							needed. Habitat improved with larger ponds and log piles.
Freshwater Fish							
European Bullhead	Cottuss gobio	Stream	Mar 2021	R	100		<p>Signs of fungal infection but could have been dead already and appeared after.</p> <p>Bullheads are a sign of good quality water. Spawn from feb to june, they spend their days hiding under stones, and venture out at dawn and dusk to hunt for prey</p>
Mammals							
Wood Mouse	Apodemus sylvaticus	Upper and lower wood	Oct 2018	F	100		Lots of footage
Roe Deer	Capreolus capreolus	Upper and lower wood	Sept 2018	F	100		<p>Twins and single kids born in woods May 2019, watched throughout first year of life with mothers. Update 2020: Again twins and single kid born End of May 2020. Clear footage on our social media.</p>






Bank Vole	Clethrionomys glareolus	Lower wood	Oct 2018	O	60		
Badger	Meles meles	Upper and lower wood	Sept 2018	F	100		Getting to know these badgers is why Angie trained as a vaccinator.
Stoat	Mustela erminea	Lower wood and marsh	Oct 2018 Apr 21	O	100		Have footage. The easiest and most reliable way to tell a stoat from a weasel is the tail. A stoat's tail is around half the length of its body and ends in a bushy black tip. A weasel's tail is short and stubby by comparison and solely brown in colour.
Weasel	Mustela nivalis	Middle of wood in brash	April 2021	R	100		Out in late afternoon jumping around and going back to brash pile. UK's smallest carnivore.
Rabbit	Oryctolagus cuniculus	Upper and lower wood	Oct 2018	F	100		
Pipistrelle Bat	Pipistrellus pipistrellus	Upper wood	May 2018	O	80		Detected using Echometer 2



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Brown Long-eared Bat	Plecotus auritus	West woodland canopy	Not yet seen	O	80		BAP:2007 & NERC S.41 We haven't observed ourselves but ecologist has confirmed they are in area. Put up 5 bat boxes. Now 7.
Brown Rat	Rattus norvegicus	Shed, Marsh and stream	2018-2021	F	100		Eats everything in shed. Seen on footage swimming in pond.
Grey Squirrel	Sciurus carolinensis	Upper and Lower wood	Sept 2018	F	100		
Fox	Vulpes vulpes	Upper and lower wood	Sept 2018	F	100		Cubs born in wood https://youtu.be/f3kDIswZK_o



Birds							
Long-tailed tit	Aegithalos caudatus	Nest in far west blackthorn over marsh.	Jun 2020 Mar 21	O F	90 100		Two seen at entrance having rough and tumble, nest found in far west marsh. 2021 update. Many now feeding and nesting throughout woodland.
Buzzard	Buteo buteo	Nest far East end of wood	Jun 2019	F	100		Nest, 2 fledged 2019. They were amusing chicks for a month or 2. Noted they came back to tree for sometime and very noisy for a couple of months post fledging. 2020, nest not reused, new nest on border. No nesting 2021.
Woodpigeon	Columba palumbu	Upper and lower wood	Sept 2019	F	100		Everywhere!
Western Raven	Corvus corax	Lower Wood	April 2021	O	100		Mostly flying above but seen perching in trees
Western Jackdaw	Corvus monedula	Owl box	April 2020	O	100		Nested in Owl box. We heard the chicks in May and hope they fledged. Found one adult dead in west area. Also heard and saw lots of commotion with corvids and Buzzards around the same time. 2021 nesting in dead aspen.



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Blue tit	Cyanistes caeruleus	Nest, lower wood	June 2019	F	100		Nesting in most our boxes and in 2 cavities of trees.
Greater Spotted Woodpecker	Dendrocopos major	Upper Wood	Mar 2019 Apr 21	O	100		Seen on camera. Also seen Mar 2020 in upper middle woodland. Much increased population in 2021. Often on feeders and nesting.
Robin	Erithacus rubecula	Upper/Lower and main ride	Sept 19	F	100		See regularly at fire pit area and throughout lower woodland
Chaffinch	Fringilla coelebs	Feeders	Nov 20 Mar 21	O F	100		An occasional visitor to bird feeders. 2021, mostly seen on ground feeding from dropped seeds. Also ample in surrounding trees
Jay	Garrulus glandarius	Upper and lower wood	Oct 2018	F	100		Seen throughout woodland on trail camera and occasionally spot live.
Great tit	Parus major	Mid area	May 2020	O	60		Seen on bird feeders
Coal tit	Periparus ater	Mid area	May 2020	F	100		Seen on bird feeder and nesting in grey box.





Pheasant	Phasianus colchicus	Upper wood	Feb 2019	F	100		Often on trail camera footage
Chiffchaff	Phylloscopus collybita	Lower wood		O	100		Can hear them all the time and seen on March 2021. https://www.rspb.org.uk/birds-and-wildlife/wildlife-guides/bird-a-z/chiffchaff/
Marsh Tit	Poecile palustris	Upper wood	May 2019	F	70		Could be willow tit but unlikely. Often flying up to cameras (vid) https://www.rspb.org.uk/birds-and-wildlife/wildlife-guides/bird-a-z/marsh-tit/
Dunnock	Prunella modularis	Holly near feeding area	April 21	R	100		https://www.rspb.org.uk/birds-and-wildlife/wildlife-guides/bird-a-z/dunnock/
Bullfinch	Pyrrhula pyrrhula	On bird feeder	May 2020	O	80		On bird feeders
Goldcrest	Regulus regulus	Holly near main ride	Sept 2019	R	80		https://www.rspb.org.uk/birds-and-wildlife/wildlife-guides/bird-a-z/goldcrest/
Nuthatch	Sitta europaea	Lower and Upper wood	March 2019 Nov 20 March 2021	F A	100		2020, birds nesting near main ride. Feeds on seeds provided. Plays with camera. Many on feeders Nov 20 2021, Much larger population, using nest boxes and becoming quite use to us. Many resident.



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Tawny Owl	Strix aluco	Lower wood and upper wood	April 2019	F	100		Lots of chatter between them, informed of breeding pair. Put owl box up Jan 2020. Taken up by Jackdaws. Here them if still in woodland early eve.
Wren	Troglodytes troglodytes	Table area and feeders	Mar 20 /21	F	100		https://www.rspb.org.uk/birds-and-wildlife/wildlife-guides/bird-a-z/wren/
Redwing	Turdus iliacus	Upper woodland by latrine	Jan 2019	F	100		Large flock: both Jan 2019 and Jan 2020. (Note: feeding with grey squirrels) https://www.rspb.org.uk/birds-and-wildlife/wildlife-guides/bird-a-z/redwing/
Blackbird	Turdus merula	Upper and lower wood	Sept 2018	F	100		Often in upper woodland feeding on ground or in holly trees
Song Thrush	Turdus philomelos	Upper and lower Wood	April 2019	F	100		BAP:2007 Lots of footage feeding on ground. Always singing their repeats! https://www.rspb.org.uk/birds-and-wildlife/wildlife-guides/bird-a-z/song-thrush/