

# The Wild Flowers of Upper Teesdale

Naturetrek Tour Report

1 - 4 July 2019



Melancholy Thistle



Mountain Pansy



Yellow Saxifrage



River Tees

Report & images by Steve Gater



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Tour participants: Steve Gater (leader) and eight Naturetrek clients

## Summary

Upper Teesdale is one of the top six botanical 'hotspots' of Britain and Ireland - over four days our group realised why. We were blessed with good weather, amazing landscape, exceptional wildlife, delicious food and excellent company.

The highlights of this trip are the rare and notable species that make up the long-celebrated 'Teesdale Assemblage'. We were privileged to see many in flower, including Alpine Bartsia (*Bartsia alpina*), Alpine Bistort (*Persicaria vivipara*), Yellow Saxifrage (*Saxifraga aizoides*), Scottish Asphodel (*Tofieldia pusilla*), Spring Sandwort (*Minuartia verna*), Shrubby Cinquefoil (*Potentilla fruticosa*), Rock Lady's-mantle (*Alchemilla wicheriae*) and Hoary Whitlowgrass (*Draba incana*). Some had already 'gone over' and were identified vegetatively - Mountain Everlasting (*Dryas octopetala*), Teesdale Violet (*Viola rupestris*), Spring Gentian (*Gentiana verna*) and Bird's-eye Primrose (*Primula farinosa*).

Other flowering plants, Ferns, Sedges, Rushes, Horsetails and *Bryophytes* added to our enjoyment of a variety of habitats. The sight of flower-rich traditional meadows in an undulating landscape dotted with whitewashed farm buildings and intersected by meandering becks and the River Tees is one to savour for a long time. Add Melancholy Thistle (*Cirsium heterophyllum*), Wood Crane's-bill (*Geranium sylvaticum*), Globeflower (*Trollius europaeus*), Pignut (*Conopodium majus*), Orchids, Eyebrights, Speedwells, Forget-me-nots – and we certainly will not forget the array of species seen and the mosaic of plant communities experienced.

The sight of Hares jumping through meadows, flying waders screaming to lure us away from their young, Common Sandpiper and White-throated Dipper scooting along the river, Black and Red Grouse, the latter with young, added interest to great walks. As did good numbers of butterflies and moths with Common Blue butterfly, Painted Lady butterfly, Cinnabar and Chimney Sweeper moths taking the eye.

We enjoyed learning about the human activity, geology, geomorphology and unique weather of this truly special dale. Four full days left many magnificent memories.

## Day 1

Monday 1st July

Bowlees, Low Force, River Tees, Scoberry Bridge, Holwick, Holwick Craggs.

The group met at our hotel in the charming and busy village of Middleton-in-Teesdale before driving a short distance up the dale to Bowlees. Our walk started with roadside Good-King-Henry (*Chenopodium bonus-henricus*), three species of stonecrop and our first sight of the majestic Melancholy Thistle and Wood Crane's-bill.

Crossing the suspension bridge, built for lead miners in the early 1800s', brought us into Yorkshire and a delightful view of Low Force waterfall and orchids – Common Spotted-orchid (*Dactylorhiza fuchsii*), Northern Marsh-orchid (*D. purpurella*) and the vigorous hybrid between the two (*Dactylorhiza x venusta*).

Rustling of the leaves on a fine stand of Aspen (*Populus tremula*) sounded out the waterfall and ushered into view a massive chunk of Whinsill sitting in the river Tees, sitting on mudstone and sandstone baked by the heat of its

contact. We had two more orchids, Heath Fragrant (*Gymnadenia borealis*) and Chalk Fragrant (*G. conopsea*). Common Sandpiper flew down the river, Grey Wagtail hopped across and a family of Spotted Flycatcher was ahead of us. Waders were flying in the fields, trying hard to outcall the numerous Western Jackdaw.

We were keen to see White-throated Dipper so crossed Scoberry footbridge to look up and downstream, instead finding impressive *Brachiopod* fossils in an outcrop of Cockleshell limestone. Back across the river, the route then led uphill through species-rich traditional hay meadows, almost ready to be harvested, towards Holwick. This tiny village sits at the bottom of an extensive and highly imposing outcrop of Whinstone crags, their huge columnar blocks offering ledges for Rock Whitebeam (*Sorbus rupicola*) and scree at the bottom a suitable habitat for Parsley Fern (*Cryptogramma crispa*). European Oystercatcher and Northern Lapwing flew over the meadows carpeted with Yellow Rattle (*Rhinanthus minor*), Eyebrights that included Common Eyebright (*Euphrasia nemorosa*), and grasses, with the delicate flowerheads of Quaking Grass (*Briza media*) dancing in the wind.

There is much evidence here of the impact of ice on the landscape. Teesdale had its own glaciers that left drumlins, eskers, erratic boulders scratched by rocks (striations) and a towering crag-and-tail hill of Whinsill rock. There are also signs of much later habitation - Medieval longhouses, thin cultivation strips called tofts, lead mine adits and dry-stone walls that have to be wide to secure the ice-rounded stones used in construction. With so much to see, our short walk was taking a long time, so reluctantly we marched back to our minibus and drive back to enjoy great choice for evening meal. The following discussion of our day made us realise a surprising absence – no butterflies or moths had been seen – probably due to the wind that had got up over the otherwise warm and sunny afternoon. However, it had been a highly enjoyable and rewarding introduction to the delights of Upper Teesdale.

## Day 2

Tuesday 2nd July

Bowlees Quarry, Summer Force/Gibson's Cave, Widdybank Farm, Harwood valley.

A short drive to Bowlees gave an opportunity to search for orchids and species on different habitats close together. Common Twayblade (*Neottia ovata*) was indeed common, growing with Angelica (*Angelica sylvestris*), Marsh Hawk's-beard (*Crepis paludosa*), Common Butterwort (*Pinguicula vulgaris*), Mouse-ear Hawkweed (*Pilosella officinarum*) and both Hairy and Slender St John's-wort (*Hypericum hirsutum* and *H. pulchrum*). We had to search hard under the Bracken (*Pteridium aquilinum*) to find our first Greater Butterfly-orchid (*Platanthera chlorantha*) before adding another 10 plants to our list. A White-throated Dipper flew upstream as we found Brittle Bladder-fern (*Cystopteris fragilis*).

Great coffee and cake were enjoyed in the Visitor Centre, listening to a local artist sharing his passion for, and creativity in, photographing and painting the local landscapes. Six Siskin were on the bird feeders, Chaffinch in the trees and many hirundines were hawking over the fields.

We drove up to Widdybank Farm, HQ of Moor House Upper Teesdale National Nature Reserve. In a neighbouring meadow we found various sedges – Flea (*Carex pulicaris*), Pill (*C. pilulifera*), Glaucous (*C. flacca*), Carnation (*C. panicea*), Star (*C. echinata*) and False Sedge (*Kobresia simpliciuscula*). Orchid, Buttercup, Lady's-mantle and Eyebright species were common amongst a host of grasses such as Meadow Foxtail (*Alopecurus pratensis*), Crested Dogs-tail (*Cynosorus cristatus*) and Sweet Vernal Grass (*Anthoxanthum odoratum*). Further along at Cetry Bank, were Alpine Bartsia, Alpine Bistort and Yellow Saxifrage (all in flower), Variegated Horsetail (*Equisetum*

*variegatum*) and Lesser Clubmoss (*Selaginella selaginoides*). Eurasian Skylark and Meadow Pipit flew around with Painted Lady and Common Blue butterflies.

After lunch we moved to Harwood. This small valley is remote and a tribute to traditional farming, its meadows and verges with an abundance of wildlife – plants, butterflies and pollinators, wading birds and hirundines, gambolling Hares and (too many) Rabbits. The verge had been cut at Pehorn Lodge, so the small patch of Masterwort (*Imperatoria ostruthium*) there was recovering; a bigger stand of Common Bistort (*Persicaria bistorta*) painted a nearby field pink and a few Globeflower plants were hiding amongst the other Buttercup species. We had permission to walk into a meadow to find larger groups of Globeflower, some still in flower and a fantastic sight, mixed with Northern Marsh-orchid, Common Spotted-orchid and hybrids, as well as much Ragged Robin (*Silene flos-cuculi*). Further along we found more Fragrant Orchids (*Gymnadenia conopsea*, *G. borealis*) and a white-flowered form. At Harwood footbridge we found leaves of Bird's-eye Primrose, Hybrid Monkeyflower (*Mimulus x robertsii*) and Hoary Ragwort (*Senecio erucifolius*). We worked out the difference between Red (*Trifolium pratense*) and Zigzag Clover (*T. medium*) and admired the name-giving fruit of Bird's-foot-trefoil (*Lotus corniculatus*).

### Day 3

### Wednesday 3rd July

A long day started at 5.30am with a drive to watch Black Grouse (seven males), Eurasian Curlew, Common Snipe, Jack Snipe and Hare. The view from the top of the Teesdale/Weardale watershed revealed the meandering pattern of the Tees between Widdybank Fell and Cronkley Fell (the latter our venue for the day).

We parked at Hanging Shaw, next to the tiny Forest-in-Teesdale Primary School, and headed down to the River Tees by way of Wat Garth Farm. Flat Sedge (*Blasmus compressus*), Small Scabious (*Scabiosa columbaria*), Fairy Flax (*Linum cathartica*) and many more species made up the mosaic of colour in the species-rich riverbank. We walked upstream, finding leaves of Felwort (*Gentianella amarella*), Devil's-bit Scabious (*Succisa pratensis*), Bird's-eye Primrose with fruit, some Butterwort still in flower, but no sign of Grass-of-Parnassus (*Parnassia palustris*). Common Milkwort (*Polygala vulgaris*) was spotted on the opposite bank, noisy Oystercatchers flew across and a Salmon leapt out of the water.

Our path around Cronkley Farm led to a short steep climb between Juniper (*Juniperus communis*) bushes. Ferns amongst the rocks included Beech Fern (*Phegopteris connectilis*), Mountain Male-fern (*Dryopteris oreades*), Hard-fern (*Blechnum spicant*) and ubiquitous Bracken. A sheep track took us across moor grassland, where a very careful search amongst the *Sphagnum* was rewarded by the find of Lesser Twayblade (*Neottia cordata*). Further up, at Tarn Dub, we were discovering new species – Lesser Marshwort (*Apium inundatum*), Autumnal Water-starwort (*Callitriche hermaphroditica*), Shoreweed (*Littorella uniflora*), Bog Pondweed (*Potamogeton polygonifolius*), Lesser Spearwort (*Ranunculus flammula*), Marsh Arrowgrass (*Triglochin palustris*) and Bulbous Rush (*Juncus bulbosus*).

Parsley Fern was growing in the scree and Early Hair Grass (*Aira praecox*) on the rocks. Our first sighting of 10+ Northern Wheatear was made and a Ring Ouzel was seen later. Sundew (*Drosera rotundifolia*) was flowering in a boggy area nearby.

A more strenuous climb followed, leading us to a series of enclosures where we found some of the rare 'Teesdale Assemblage' flora. It was a special treat to see Scottish Asphodel, Spring Sandwort and Hoary Whitlowgrass (all in flower), Mountain Everlasting, Teesdale Violet and Spring Gentian (all 'gone-over'). Common Twayblade,

Broad-leaved (*Epipactis helleborine*) and Dark Red Helleborine (*E. atrorubens*) were admired. Butterflies were on the wing: Painted Lady, Common Blue, Small Heath along with Chimney Sweep and Cinnabar moths. Common Lizard, Common Frog, Common Cockchafer and a Dung Beetle (*Acrossus* sp) extended our species list.

The descent to the River Tees was rewarded for one of the party with a sighting of flying Peregrine and for all by passing many small bushes of Shrubby Cinquefoil. We were ready to reach the patch of Melancholy Thistle that marked our car park and returned to our hotel tired and cheered at the end of a most enjoyable and productive day.

## Day 4

Thursday 4th July

Low Force, High Force, River Tees (Pennine Way and Northern Bank).

A quick stop at Low Force enabled the group to pick up plants missed earlier, including Saw-wort (*Serrulata tinctoria*) in bud and Dwarf Goldenrod (*Solidago vigeana* subsp. *minuta*) on a bright, warm morning. Our walk across Wynch Bridge was greeted by a Eurasian Treecreeper flitting from pine to pine and we had another look at Glaucous Dog-rose (*Rosa caesia* subsp. *vosagiaca*) as we clambered back into our minibus and headed up to High Force.

The short walk down along a wooded path brought us to a wide, open pasture, lined with Alder (*Alnus glutinosa*), Birch (*Betula pubescens*) and Bird Cherry (*Prunus padus*). The wall by the footbridge had Maidenhair Spleenwort (*Asplenium trichomanes* subsp. *quadrivalens*), while near the opposite side was a mixed patch of Shady Horsetail (*Equisetum pratense*) and Wood Horsetail (*E. sylvaticum*). We walked through much Juniper, some suffering from infection of the fungus-like *Phytophthora austrocedri*, finding Lemon-scented fern (*Oreopteris limbosperma*), Hard Shield-fern (*Polystichum aculeatum*) and a massive patch of Bog Asphodel (*Nartbecium ossifragum*) in bud. The view of High Force from top, and later below, was magnificent.

Butterflies were on the wing, including Common Blue and Large White, while a party of Mallard drew our attention to Common Sandpiper and Grey Wagtail. Curlew, Northern Lapwing and European Oystercatcher were calling and wheeling around. The large, wide, keeled leaves of Lesser Pond-sedge (*Carex acutiformis*) made this species stand out against the path, but some of the longer vegetation was shading out the scarcer Lady's-mantle (*Alchemilla*) species.

The walk down to the waterfall allowed us to find Sweet Woodruff (*Galium odorata*), Sanicle (*Sanicula europaea*), Wall Lettuce (*Mycelis muralis*) and more ferns that included Hart's-tongue (*Asplenium scolopendrium*). By then our time was up, but not before a well-earned ice cream and reflection on our short stay in wonderful Upper Teesdale. We dispersed from the Hotel a happy and contented group.

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## Species Lists

### Plants

This species list follows the nomenclature in New Flora of the British Isles 3rd Edition by Clive Stace.

<b>Scientific Name</b>	<b>Common Name</b>	<b>Location</b>
<b>PTERIDOPHYTES</b>		
<b>Lycophytes</b>		
<b>Selaginellaceae</b>		
<i>Selaginella selaginoides</i>	<b>Lesser Clubmoss Family</b> Lesser Clubmoss	Cronkley Fell
<b>Calamophytes</b>		
<b>Equisetaceae</b>		
<i>Equisetum arvense</i>	<b>Horsetail Family</b> Field Horsetail	Widdybank Farm
<i>Equisetum pratense</i>	Shady Horsetail	Holwick Head Bridge
<i>Equisetum sylvaticum</i>	Wood Horsetail	Holwick Head Bridge
<i>Equisetum variegatum</i>	Variiegated Horsetail	Widdybank Farm
<b>Leptosporangiate Ferns</b>		
<b>Aspleniaceae</b>		
<i>Asplenium scolopendrium</i>	<b>Spleenwort Family</b> Hart's-tongue	High Force
<i>Asplenium trichomanes</i> ssp <i>quadrivalens</i>	Maidenhair Spleenwort	Holwick Head Bridge
<i>Asplenium adiantum-nigrum</i>	Black Spleenwort	Widdybank Farm
<b>Blechnaceae</b>		
<i>Blechnum spicant</i>	<b>Hard-fern Family</b> Hard-fern	Low Force
<b>Dennstaedtiaceae</b>		
<i>Pteridium aquilinum</i>	<b>Bracken Family</b> Bracken	frequent
<b>Dryopteridaceae</b>		
<i>Dryopteris affinis</i>	<b>Buckler-fern Family</b> Scaly Male-fern	High Force
<i>Dryoptereis dilatata</i>	Broad Buckler-fern	Cronkley Farm
<i>Dryopteris filix-mas</i>	Male-fern	frequent
<i>Dryopteris oreades</i>	Mountain Male-fern	Cronkley Farm
<i>Polystichum aculeatum</i>	Hard Shield-fern	High Force
<b>Polypodiaceae</b>		
<i>Polypodium vulgare</i>	<b>Polypody Family</b> Common Polypody	occasional
<b>Pteridaceae</b>		
<i>Cryptogramma crispera</i>	<b>Ribbon Fern Family</b> Parsley Fern	Holwick Scars
<b>Thelypteridaceae</b>		
<i>Oreopteris limbosperma</i>	<b>Marsh Fern Family</b> Lemon-scented Fern	High Force
<i>Phegopteris connectilis</i>	Beech Fern	Cronkley Farm
<b>Woodsiaceae</b>		
<i>Anhyrium felix-femina</i>	<b>Lady-fern Family</b> Lady-fern	occasional

<b>Scientific Name</b>	<b>Common Name</b>	<b>Location</b>
<i>Cystopteris fragilis</i>	Brittle Bladder-fern	Gibson's Cave
<b>PINACEAE</b>		
<b>CONIFERS</b>		
<b>Cupressaceae</b>	<b>Juniper Family</b>	
<i>Juniperus communis</i>	Common Juniper	occasional
<b>Pinaceae</b>	<b>Pine Family</b>	
<i>Pinus sylvestris</i>	Scot's Pine	Low Force
<i>Pinus sylvestris ssp. scotica</i>	native Scot's Pine	Low Force
<b>Taxaceae</b>	<b>Yew Family</b>	
<i>Taxus baccata</i>	Yew	High Force
<b>ANGIOSPERMS</b>		
<b>FLOWERING PLANTS</b>		
<b>Eu-dicots</b>		
<b>True Dicotyledons</b>		
<b>Amaranthaceae</b>	<b>Goosefoot Family</b>	
<i>Chenopodium bonus-henricus</i>	Good-King-Henry	Bowlees
<b>Apiaceae</b>	<b>Carrot Family</b>	
<i>Aegopodium podagraria</i>	Ground Elder	Bowlees
<i>Angelica sylvestris</i>	Angelica	Widdybank Farm
<i>Anthriscus sylvestris</i>	Cow Parsley	frequent
<i>Apium inundatum</i>	Lesser Marshwort	Tarn Dub
<i>Conopodium majus</i>	Pignut	frequent
<i>Heracleum sphondylium</i>	Hogweed	occasional
<i>Imperatoria ostruthium</i>	Masterwort	Peghorn Lodge
<i>Myrrhis odorata</i>	Sweet Cicely	Wynch Bridge
<i>Sanicula europaea</i>	Sanicle	High Force
<b>Araliaceae</b>	<b>Ivy Family</b>	
<i>Hedera helix</i>	Ivy	Bowlees
<i>Hedera hibernica</i>	Atlantic Ivy	
<b>Asteraceae</b>	<b>Daisy Family</b>	
<i>Achillea millefolium</i>	Yarrow	Tees - Pennine Way
<i>Achillea ptarmica</i>	Sneezewort	Tees - Pennine Way
<i>Arctium minus</i>	Lesser Burdock	Tees - Pennine Way
<i>Bellis perennis</i>	Daisy	frequent
<i>Centaurea montana</i>	Perennial Cornflower	Holwick Scars
<i>Cirsium heterophyllum</i>	Melancholy Thistle	occasional
<i>Cirsium arvense</i>	Creeping Thistle	frequent
<i>Cirsium palustre</i>	Marsh Thistle	occasional
<i>Cirsium vulgare</i>	Spear Thistle	frequent
<i>Crepis paludosa</i>	Marsh Hawk's-beard	Tees - Pennine Way
<i>Hieracium agg</i>	Hawkweed	Tees - Pennine Way
<i>Hypochaeris radicata</i>	Cat's-ear	Tees - Pennine Way
<i>Lapsana communis</i>	Nipplewort	Tees - Pennine Way
<i>Leontodon hispidus</i>	Rough Hawkbit	Tees - Pennine Way
<i>Leucanthemum vulgare</i>	Oxeye Daisy	occasional
<i>Matricaria discoidea</i>	Pineappleweed	Bowlees



<b>Scientific Name</b>	<b>Common Name</b>	<b>Location</b>
<i>Mycelis muralis</i>	Wall Lettuce	High Force
<i>Petasites hybridus</i>	Butterbur	verges
<i>Pilosella officinarum</i>	Mouse-ear Hawkweed	Cronkley Fell
<i>Senecio aquatilis</i>	Marsh Ragwort	Cronkley Farm
<i>Senecio erucifolius</i>	Hoary Ragwort	Cronkley Farm
<i>Senecio jacobaea</i>	Ragwort	occasional
<i>Senecio vulgaris</i>	Groundsel	Bowlees
<i>Serrulata tinctoria</i>	Sawwort	Low Force
<i>Solidago virgaurea</i>	Goldenrod	Low Force
<i>Solidago virgaurea ssp minuta</i>	Dwarf Goldenrod	Low Force
<i>Sonchus asper</i>	Prickly Sow-thistle	verges
<i>Sonchus oleraceus</i>	Smooth Sow-thistle	verges
<i>Taraxacum agg</i>	Dandelion group	occasional
<i>Tragopogon pratensis</i>	Goat's-beard	Widdybank Farm
<i>Tussilago farfara</i>	Colt's-foot	verges
<b>Betulaceae</b>	<b>Birch Family</b>	
<i>Alnus glutinosa</i>	Alder	High Force
<i>Betula pubescens</i>	Downy Birch	occasional
<i>Betula pubescens ssp tortuosa</i>	Downy Birch, upland subsp.	Low Force
<i>Corylus avellana</i>	Hazel	occasional
<b>Boraginaceae</b>	<b>Borage Family</b>	
<i>Myosotis arvensis</i>	Field Forget-me-not	Holwick
<i>Myosotis discolor</i>	Changing Froget-me-not	Holwick
<i>Myosotis scorpiodes</i>	Water Froget-me-not	Tees - Pennine Way
<i>Myosotis sylvatica</i>	Wood Forget-me-not	Bowlees
<b>Brassicaceae</b>	<b>Cabbage Family</b>	
<i>Alliaria petiolata</i>	Garlic Mustard	Bowlees
<i>Arabidopsis thaliana</i>	Thale Cress	Low Force
<i>Cardamine flexuosa</i>	Wavy Bitter-cress	Bowlees
<i>Cardamine pratensis</i>	Cuckooflower	Bowlees
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	Bowlees
<i>Cochlearia pyrenaica subsp. alpina</i>	Pyrenean Scurvygrass	Tees - Pennine Way
<i>Draba incana</i>	Hoary Whitlowgrass	Cronkley Fell
<i>Hesperis matronalis</i>	Dame's-violet	Bowlees
<b>Callitrichaceae</b>	<b>Water-starwort Family</b>	
<i>Callitriche hermaphroditica ssp. hermaphroditica</i>	Autumnal Water-starwort	Tarn Dub
<b>Campanulaceae</b>	<b>Bellflower Family</b>	
<i>Campanula rotundifolia</i>	Harebell	Cronkley Pasture
<b>Caprifoliaceae</b>	<b>Honeysuckle Family</b>	
<i>Lonicera periclymenum</i>	Honeysuckle	Bowlees
<i>Sambucus nigra</i>	Elderberry	occasional
<b>Caryophyllaceae</b>	<b>Pink Family</b>	
<i>Arenaria serpyllifolia</i>	Thyme-leaved Sandwort	Tees - Pennine Way
<i>Cerastium fontanum</i>	Common Mouse-ear	frequent
<i>Minuartia verna</i>	Spring Sandwort	Cronkley Fell
<i>Sagina procumbens</i>	Procumbent Pearlwort	Bowlees

<b>Scientific Name</b>	<b>Common Name</b>	<b>Location</b>
<i>Silene dioica</i>	Red Campion	Bowlees
<i>Silene flos-cuculi</i>	Ragged Robin	Harwood
<i>Stellaria alsine</i>	Bog Stichwort	Cronkley Fell
<i>Stellaria graminea</i>	Lesser Stichwort	occasional
<i>Stellaria hollostea</i>	Greater Stichwort	Bowlees
<i>Stellaria media</i>	Common Chickweed	occasional
<b>Cistaceae</b>	<b>Rockrose Family</b>	
<i>Helianthemum numularium</i>	Common Rock-rose	Cronkley Fell
<i>Helianthemum oelandicum</i> subsp. <i>levigatum</i>	Hoary Rock-rose	Cronkley Fell
<b>Convolvulaceae</b>	<b>Bindweed Family</b>	
<i>Convolvulus arvensis</i>	Field Bindweed	verges
<b>Crassulaceae</b>	<b>Stonecrop Family</b>	
<i>Sedum acer</i>	Biting stonecrop	Bowlees
<i>Sedum album</i>	White Stonecrop	Bowlees
<i>Senecio tectorum</i>	House-leek	Bowlees
<b>Dipsacaceae</b>	<b>Teasel Family</b>	
<i>Succisa pratensis</i>	Devil's-bit Scabious	Cetry Bank
<b>Droseraceae</b>	<b>Sundew Family</b>	
<i>Drosera rotundifolia</i>	Round-leaved Sundew	Cronkley Fell
<b>Ericaceae</b>	<b>Heather Family</b>	
<i>Calluna vulgaris</i>	Heather	Cronkley Fell
<i>Empetrum nigrum</i> subsp. <i>nigrum</i>	Crowberry	Cronkley Fell
<i>Erica cinerea</i>	Bell Heather	Cronkley Fell
<i>Erica tetralix</i>	Cross-leaved Heath	Cronkley Fell
<i>Vaccinium myrtillus</i>	Bilberry	Cronkley Fell
<i>Vaccinium vitis-idaea</i>	Cowberry	Cronkley Fell
<b>Euphorbiaceae</b>	<b>Spurge Family</b>	
<i>Mercurialis perennis</i>	Dog's Mercury	Low Force
<b>Fabaceae</b>	<b>Pea Family</b>	
<i>Anthyllis vulneraria</i>	Kidney Vetch	Widdybank Farm
<i>Trifolium dubium</i>	Lesser Trefoil	Bowlees
<i>Trifolium medium</i>	Zig-zag Clover	Cronkley Fell
<i>Trifolium pratense</i>	Red Clover	frequent
<i>Trifolium repens</i>	White Clover	frequent
<i>Lathyrus linifolius</i>	Bitter Vetch	verges
<i>Lathyrus pratensis</i>	Meadow Vetchling	occasional
<i>Lotus corniculatus</i>	Brid's-foot-trefoil	Widdybank Farm
<i>Vicia sepium</i>	Bush Vetch	occasional
<i>Ulex europaea</i>	Gorse	Bowlees
<b>Fagaceae</b>	<b>Beech Family</b>	
<i>Fagus sylvatica</i>	Beech	Low Force
<b>Gentianaceae</b>	<b>Gentian Family</b>	
<i>Gentiana verna</i>	Spring Gentian	Cronkley Fell

<b>Scientific Name</b>	<b>Common Name</b>	<b>Location</b>
<i>Gentianella amarella</i>	Felwort	Tees - Pennine Way
<b>Geraniaceae</b>	<b>Crane's-bill Family</b>	
<i>Geranium pratense</i>	Meadow Crane's-bill	verges
<i>Geranium robertianum</i>	Herb Robert	frequent
<i>Geranium sylvaticum</i>	Wood Crane's-bill	occasional
<b>Grossulariaceae</b>	<b>Gooseberry Family</b>	
<i>Ribes uva-crispa</i>	Goosberry	Tees - Pennine Way
<b>Hypericaceae</b>	<b>St John's-wort Family</b>	
<i>Hypericum hirsutum</i>	Hairy St John's-wort	Tees - Pennine Way
<i>Hypericum pulchrum</i>	Slender St John's-wort	Tees - Pennine Way
<b>Lamiaceae</b>	<b>Dead-nettle Family</b>	
<i>Ajuga reptans</i>	Common Bugle	Tees - Pennine Way
<i>Lamium album</i>	White Dead-nettle	verges
<i>Prunella vulgaris</i>	Selfheal	verges
<i>Stachys sylvatica</i>	Hedge Woundwort	Widdybank Farm
<i>Teucrium scorodonia</i>	Wood Sage	Bowlees
<i>Thymus polytrichus</i>	Wild Thyme	occasional
<b>Linaceae</b>	<b>Flax Family</b>	
<i>Linum catharticum</i>	Purging or Fairy Flax	occasional
<b>Lentibulariaceae</b>	<b>Butterwort Family</b>	
<i>Pinguicula vulgaris</i>	Common Butterwort	Tees - Pennine Way
<b>Malvaceae</b>	<b>Mallow Family</b>	
<i>Tilia platyphyllos</i>	Large-leaved Lime	High Force
<i>Tilia x europaea</i>	Hybrid Lime =T. platyphyllos x T. cordata	Bowlees
<b>Oleaceae</b>	<b>Olive Family</b>	
<i>Fraxinus excelsior</i>	Ash	occasional
<b>Onagraceae</b>	<b>Willowherb Family</b>	
<i>Chamerion angustifolium</i>	Rosebay Willowherb	Bowlees
<i>Circaea lutetiana</i>	Enchanter's-nightshade	Tees - Pennine Way
<i>Epilobium hirsutum</i>	Great Willowherb	Widdybank Farm
<i>Epilobium montanum</i>	Broad-leaved Willowherb	occasional
<b>Orobanchaceae</b>	<b>Broomrape Family</b>	
<i>Bartsia alpina</i>	Alpine Bartsia	Cetry Bank
<i>Euphrasia artica ssubsp. borealis</i>	Arctic Eyebright	Cetry Bank
<i>Euphrasia scottica</i>	Scottish Eyebright	Widdybank Farm
<i>Euphrasia sp.</i>	Eyebright	Widdybank Farm
<i>Euphrasia nemorosa</i>	Eyebright	Low Force
<i>Pedicularis palustris</i>	Marsh Lousewort	Widdybank Farm
<i>Pedicularis sylvatica</i>	Lousewort	Cronkley Fell
<i>Rhinanthus minor</i>	Yellow-rattle	frequent
<b>Oxalidaceae</b>	<b>Wood Sorrel Family</b>	
<i>Oxalis acetosella</i>	Wood-sorrel	Bowlees

<b>Scientific Name</b>	<b>Common Name</b>	<b>Location</b>
<b>Papaveraceae</b> <i>Mecanopsis cambrica</i>	<b>Poppy Family</b> Welsh Poppy	verges
<b>Phrymaceae</b> <i>Mimulus x robertsii</i>	<b>Monkeyflower Family</b> Hybrid Monkeyflower	Harwood Bridge
<b>Plantaginaceae</b> <i>Littorella uniflora</i> <i>Plantago lanecolata</i> <i>Plantago major</i> <i>Plantago maritima</i>	<b>Plantain Family</b> Shoreweed Ribwort Plantain Greater Plantain Sea Plantain	Tarn Dub occasional occasional Cronkley Fell
<b>Polygalaceae</b> <i>Polygala serpyllifolia</i> <i>Polygala vulgaris</i>	<b>Milkwort Family</b> Heath Milkwort Common Milkwort	occasional occasional
<b>Polygonaceae</b> <i>Persicaria bistorta</i> <i>Persicaria vivipara</i> <i>Rumex acetosa</i> <i>Rumex longifolius</i>	<b>Knotweed Family</b> Common Bistort Alpine Bistort Sorrel Northern Dock	Harwood Cetry Bank occasional occasional
<b>Potamogetonaceae</b> <i>Potamogeton polygonifolius</i>	<b>Pondweed Family</b> Bog Pondweed	Tarn Dub
<b>Primulaceae</b> <i>Primula farinosa</i> <i>Primula veris</i> <i>Primula vulgaris</i> <i>Lysimachia nemorum</i> <i>Lysimachia punctata</i>	<b>Primrose Family</b> Bird's-eye Primrose Cowslip Primrose Yellow Pimpernel Dotted Loosestrife	Tees - Pennine Way Tees - Pennine Way Tees - Pennine Way High Force Tees - Pennine Way
<b>Ranunculaceae</b> <i>Aquilegia vulgaris</i> <i>Anemone nemorosa</i> <i>Caltha palustris</i> <i>Ranunculus acris</i> <i>Ranunculus flammula</i> <i>Ranunculus repens</i> <i>Trollius europaeus</i>	<b>Buttercup Family</b> Columbine Wood Anemone Marsh Marigold Meadow Buttercup Lesser Spearwort Creeping Buttercup Globeflower	Bowlees Cronkley Fell Low Force frequent Tarn Dub frequent Harwood
<b>Rosaceae</b> <i>Alchemilla acutiloba</i> <i>Alchemilla filicaulis ssp vestita</i> <i>Alchemilla glabra</i> <i>Alchemilla vulgaris agg</i> <i>Alchemilla wichurae</i> <i>Alchemilla xanthochlora</i> <i>Crataegus monogyna</i> <i>Crataegus x media</i> <i>Dryas octopetala</i> <i>Filipendula ulmaria</i> <i>Fragaria vesca</i>	<b>Rose Family</b> Starry Lady's-mantle Hairy Lady's-mantle Smooth Lady's-mantle Lady's-mantle group Rock Lady's-mantle Pale Lady's-mantle Hawthorn Hawthorn x Midland Hawthorn Mountain Avens Meadow Sweet Wild Strawberry	Cronkley Fell Tees - Pennine Way Low Force occasional Tees - Pennine Way Bowlees occasional High Force Cronkley Fell occasional High Force

<b>Scientific Name</b>	<b>Common Name</b>	<b>Location</b>
<i>Geum rivale</i>	Water Avens	Tees - Pennine Way
<i>Geum urbanum</i>	Wood Avens	Tees - Pennine Way
<i>Geum x intermedium</i>	Water Avens x Wood Avens	Tees - Pennine Way
<i>Potentilla anserina</i>	Silverweed	frequent
<i>Potentilla erecta</i>	Tormentil	frequent
<i>Potentilla fruticosa</i>	Shrubby Cinquefoil	Tees - Pennine Way
<i>Potentilla reptans</i>	Creeping Cinquefoil	Tees - Pennine Way
<i>Prunus avium</i>	Wild Cherry	Tees - Pennine Way
<i>Prunus padus</i>	Bird Cherry	Tees - Pennine Way
<i>Prunus spinosa</i>	Blackthorn	Bowlees
<i>Rosa caesia</i> subsp <i>vosagiaca</i>	Glaucous Dog-rose	Bowlees
<i>Rubus fruticosus</i>	Bramble	occasional
<i>Rubus ideaus</i>	Raspberry	Low Force
<i>Sanguisorba officinalis</i>	Great Burnet	Tees - Pennine Way
<i>Sorbus aria</i>	Whitebeam	Holwick Scars
<i>Sorbus aucuparia</i>	Rowan	occasional
<i>Sorbus rupicola</i>	Rock Whitebeam	Cronkley Fell
<b>Rubiaceae</b>	<b>Bedstraw Family</b>	
<i>Cruciata laevipes</i>	Crosswort	occasional
<i>Galium aparine</i>	Cleavers	occasional
<i>Galium boreale</i>	Northern Bedstraw	Tees - Pennine Way
<i>Galium odoratum</i>	Sweet Woodruff	High Force
<i>Galium saxatile</i>	Heath Bedstraw	frequent
<i>Galium sternerii</i>	Limestone Bedstraw	Cronkley Fell
<i>Galium verum</i>	Lady's Bedstraw	Tees - Pennine Way
<b>Saliciaceae</b>	<b>Willow Family</b>	
<i>Populus tremula</i>	Aspen	Low Force
<i>Salix aurita</i>	Eared Willow	Tees - Pennine Way
<i>Salix caprea</i>	Goat Willow	Tees - Pennine Way
<i>Salix caprea</i> ssp <i>sphacelata</i>	a Goat willow	Tees - Pennine Way
<i>Salix cinerea</i>	Grey Willow	Tees - Pennine Way
<i>Salix phylicifolia</i>	Tea-leaved Willow	Tees - Pennine Way
<i>Salix x</i>	Willow hybrids	Tees - Pennine Way
<b>Sapindaceae</b>	<b>Maple Family</b>	
<i>Acer campestre</i>	Field Maple	Tees - Pennine Way
<i>Acer pseudoplatanus</i>	Sycamore	Tees - Pennine Way
<b>Saxifragaceae</b>	<b>Saxifrage Family</b>	
<i>Chrysosplenium oppositifolium</i>	Opposite-leaved Golden-saxifrage	Tees - Pennine Way
<i>Saxifraga aizoides</i>	Yellow Saxifrage	Cetry Bank
<b>Scrophulariaceae</b>	<b>Figwort Family</b>	
<i>Scrophularia nodosa</i>	Figwort	Bowlees
<b>Ulmaceae</b>	<b>Elm Family</b>	
<i>Ulmus glabra</i>	Wych Elm	Middleton-in-Teesdale
<b>Urticaceae</b>	<b>Nettle Family</b>	
<i>Urtica dioica</i>	Common Nettle	occasional

<b>Scientific Name</b>	<b>Common Name</b>	<b>Location</b>
<b>Valerianaceae</b> <i>Valeriana dioica</i>	<b>Valerian Family</b> Marsh Valerian	Widdybank Farm Tees - Pennine Way
<b>Veronicaceae</b> <i>Digitalis purpurea</i> <i>Veronica beccabunga</i> <i>Veronica chamaedrys</i> <i>Veronica montana</i> <i>Veronica officinalis</i> <i>Veronica serpyllifolia</i> subsp. <i>humifusa</i>	<b>Speedwell Family</b> Foxglove Brooklime Germander Speedwell Wood Speedwell Heath Speedwell Thyme-leaved Speedwell	verges Tees - Pennine Way occasional Bowlees Cronkley Fell Bowlees
<b>Violaceae</b> <i>Viola lutea</i> <i>Viola palustris</i> <i>Viola riviniana</i> <i>Viola rupestris</i>	<b>Violet Family</b> Mountain Pansy Marsh Violet Common Dog-violet Rock Violet	Cow Green Reservoir Cronkley Fell occasional Cronkley Fell
<b>Monocots</b>		
<b>Amaryllidaceae</b> <i>Allium ursinum</i>	<b>Daffodil Family</b> Wild Garlic	Low Force
<b>Asparagaceae</b> <i>Hyacinthoides non-scripta</i>	<b>Asparagus Family</b> Bluebell	Low Force
<b>Cyperaceae</b> <i>Blysmus compressus</i> <i>Carex acutiformis</i> <i>Carex careophyllea</i> <i>Carex demissa</i> <i>Carex dioica</i> <i>Carex echinata</i> <i>Carex flacca</i> <i>Carex hirta</i> <i>Carex leporina</i> <i>Carex nigra</i> <i>Carex panicea</i> <i>Carex pilulifera</i> <i>Carex pulicaris</i> <i>Carex rostrata</i> <i>Eriophorum angustifolium</i> <i>Eriophorum vaginatum</i> <i>Eleocharis quinqueflora</i> <i>Eleogiton fluitans</i> <i>Kobresia simpliciuscula</i> <i>Trichophorum germanicum</i>	<b>Sedge Family</b> Flat sedge Lesser Pond-sedge Spring Sedge Long-bracted Yellow-sedge Dioecious Sedge Star Sedge Glaucous Sedge Hairy Sedge Oval Sedge Common Sedge Carnation Sedge Pill Sedge Flea Sedge Bottle Sedge Common Cottongrass Hare's-tail Cottongrass Few-flowered Spike-rush Floating Club-rush False Sedge Deer Grass	Tees - Pennine Way Tees - Pennine Way Widdybank Farm Cronkley Fell Cetry Bank Widdybank Farm occasional Widdybank Farm Cronkley Fell occasional occasional Cetry Bank Cetry Bank Cronkley Fell Cronkley Fell Cronkley Fell Cronkley Fell Tarn Dub Widdybank Farm Cronkley Fell
<b>Juncaceae</b> <i>Juncus acutiflorus</i> <i>Juncus articulatus</i> <i>Juncus bufonis</i> <i>Juncus bulbosus</i> <i>Juncus conglomeratus</i> <i>Juncus effusus</i>	<b>Rush Family</b> Sharp-flowered Rush Jointed Rush Toad Rush Bulbous Rush Compact Rush Soft Rush	Cronkley Fell Holwick Tarn Dub Cronkley Fell occasional occasional

<b>Scientific Name</b>	<b>Common Name</b>	<b>Location</b>
<i>Juncus inflexus</i>	Hard Rush	Tees - Pennine Way
<i>Juncus squarrosus</i>	Heath Rush	Cronkley Fell
<i>Luzula campestris</i>	Field Wood-rush	Holwick
<i>Luzula multiflora</i> ssp. <i>multiflora</i>	Heath Wood-rush	Cronkley Fell
<i>Luzula sylvatica</i>	Greater Wood-rush	High Force
<b>Juncaginaceae</b>	<b>Arrowgrass Family</b>	
<i>Triglochin palustris</i>	Marsh Arrowgrass	Widdybank Farm
<b>Nartheciaceae</b>	<b>Bog Asphodel Family</b>	
<i>Narthecium ossifragum</i>	Bog Asphodel	High Force
<b>Orchidaceae</b>	<b>Orchid Family</b>	
<i>Dactylorhiza fuchsii</i>	Common Spotted-orchid	occasional
<i>Dactylorhiza incarnata</i> subsp. <i>incarnata</i>	Early Marsh-orchid	Widdybank Farm
<i>Dactylorhiza maculata</i> subsp. <i>ericetorum</i>	Heath Spotted-orchid	
<i>Dactylorhiza purpurella</i>	Northern Marsh-orchid	occasional
<i>Dactylorhiza x venusta</i>	Hybrid Orchid ( <i>D. fuchsii</i> x <i>purpurella</i> )	Bowlees
<i>Epipactis atrorubens</i>	Dark-red Helleborine	Cronkley Fell
<i>Epipactis helleborine</i>	Broad-leaved Helleborine	Cronkley Fell
<i>Gymnadenia borealis</i>	Heath Fragrant-orchid	Tees - Pennine Way
<i>Gymnadenia conopsea</i>	Chalk Fragrant-orchid	Tees - Pennine Way
<i>Neottia cordata</i>	Lesser Twayblade	Cronkley Fell
<i>Neottia ovata</i>	Common Twayblade	Bowlees
<i>Platanthera chlorantha</i>	Greater Butterfly-orchid	Bowlees
<b>Poaceae</b>	<b>Grass Family</b>	
<i>Aira praecox</i>	Early Hair-grass	Tarn Dub
<i>Alopecurus pratensis</i>	Meadow foxtail	occasional
<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass	frequent
<i>Arrhenatherum elatius</i>	False Oat-grass	occasional
<i>Agrostis capilaris</i>	Common Bent	occasional
<i>Agrostis stolonifera</i>	Creeping Bent	occasional
<i>Avenula pratensis</i>	Meadow Oat Grass	occasional
<i>Brachypodium sylvaticum</i>	False Brome	Cronkley Bridge
<i>Briza media</i>	Quaking Grass	occasional
<i>Bromus hordeaceus</i>	Soft-brome	Cronkley Bridge
<i>Cynosorus cristatus</i>	Crested Dog's-tail	occasional
<i>Dactylis glomerata</i>	Cock's-foot	frequent
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	occasional
<i>Deschampsia flexuosa</i>	Wavy Hair-grass	Cronkley Fell
<i>Festuca rubra</i>	Red Fescue	occasional
<i>Festuca ovina</i>	Sheeps Fescue	occasional
<i>Festuca vivipara</i>	Viviparous Sheep's-fescue	Bowlees
<i>Glyceria fluitans</i>	Floating Sweet-grass	Tarn Dub
<i>Holcus lanata</i>	Yorkshire Fog	frequent
<i>Holcus mollis</i>	Creeping Soft-grass	occasional
<i>Lolium perenne</i>	Perennial Rye-grass	frequent
<i>Melica uniflora</i>	Wood Melick	High Force
<i>Molinia cearulea</i>	Purple Moor-grass	Cronkley Fell
<i>Nardus stricta</i>	Mat-grass	frequent
<i>Poa annua</i>	Annual Meadow-grass	verges
<i>Poa humilis</i>	Spreading Meadow-grass	Holwick

<b>Scientific Name</b>	<b>Common Name</b>	<b>Location</b>
<i>Poa pratensis</i>	Smooth Meadow-grass	Holwick
<i>Sesleria caerulea</i>	Blue Moor-grass	Cronkley Fell
<i>Trisetum flavescens</i>	Yellow Oat-grass	Cronkley Bridge
<b>Tofieldiaceae</b>	<b>Scottish Asphodel Family</b>	
<i>Tofieldia pusilla</i>	Scottish Asphodel	Cronkley Fell

## Birds (✓=recorded but not counted; H = heard only)

	Common name	Scientific name	July			
			1	2	3	4
1	Black Grouse	<i>Lyrurus tetrix</i>			7	
2	Red Grouse (Willow Ptarmigan)	<i>Lagopus lagopus scotica</i>		6	✓	
3	Common Pheasant	<i>Phasianus colchicus</i>			✓	
4	Mallard	<i>Anas platyrhynchos</i>	✓			8
5	Rock (Feral) Dove	<i>Columba livia 'feral'</i>	✓	✓		✓
6	Common Wood Pigeon	<i>Columba palumbus</i>	✓	✓	✓	✓
7	Eurasian Oystercatcher	<i>Haematopus ostralegus</i>	✓	✓	✓	✓
8	Northern Lapwing	<i>Vanellus vanellus</i>	✓	✓	✓	✓
9	European Golden Plover	<i>Pluvialis apricaria</i>		3		
10	Eurasian Curlew	<i>Numenius arquata</i>	✓	✓	✓	✓
11	Common Snipe	<i>Gallinago gallinago</i>			✓	
12	Common Sandpiper	<i>Actitis hypoleucos</i>	✓	✓	✓	✓
13	Common Redshank	<i>Tringa totanus</i>	✓	✓	✓	✓
14	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	✓	✓	✓	✓
15	Lesser Black-backed Gull	<i>Larus fuscus</i>	✓	✓	✓	✓
16	Common Kestrel	<i>Falco tinnunculus</i>		✓		
17	Peregrine Falcon	<i>Falco peregrinus</i>			✓	
18	Eurasian Magpie	<i>Pica pica</i>	✓	✓	✓	✓
19	Western Jackdaw	<i>Coloeus monedula</i>	✓	✓	✓	✓
20	Rook	<i>Corvus frugilegus</i>	✓	✓	✓	✓
21	Carrion Crow	<i>Corvus corone</i>	✓	✓	✓	✓
22	Eurasian Blue Tit	<i>Cyanistes caeruleus</i>	✓	✓	✓	
23	Great Tit	<i>Parus major</i>	✓	✓	✓	
24	Eurasian Skylark	<i>Alauda arvensis</i>	✓	✓	✓	✓
25	Sand Martin	<i>Riparia riparia</i>		✓		✓
26	Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓	✓
27	Common House Martin	<i>Delichon urbicum</i>	✓	✓	✓	✓
28	Long-tailed Tit	<i>Aegithalos caudatus</i>			✓	
29	Willow Warbler	<i>Phylloscopus trochilus</i>		H	✓	✓
30	Eurasian Blackcap	<i>Sylvia atricapilla</i>	✓	H		H
31	Garden Warbler	<i>Sylvia borin</i>		H		
32	Eurasian Wren	<i>Troglodytes troglodytes</i>	✓	✓	✓	
33	Eurasian Nuthatch	<i>Sitta europaea</i>		✓		
34	Eurasian Treecreeper	<i>Certhia familiaris</i>				✓
35	Common Starling	<i>Sturnus vulgaris</i>	✓	✓	✓	✓
36	Ring Ouzel	<i>Turdus torquatus</i>				✓
37	Common Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓
38	Song Thrush	<i>Turdus philomelos</i>	✓	✓	✓	✓
39	Mistle Thrush	<i>Turdus viscivorus</i>		✓		
40	Spotted Flycatcher	<i>Muscicapa striata</i>	✓		✓	✓
41	European Robin	<i>Erithacus rubecula</i>	✓	✓	✓	✓



	Common name	Scientific name	July			
			1	2	3	4
42	Northern Wheatear	<i>Oenanthe oenanthe</i>			12+	
43	White-throated Dipper	<i>Cinclus cinclus</i>		✓		✓
44	Grey Wagtail	<i>Motacilla cinerea</i>	✓	✓	✓	✓
45	White Wagtail	<i>Motacilla alba</i>		✓		
46	Meadow Pipit	<i>Anthus pratensis</i>	✓	✓	✓	✓
47	Common Chaffinch	<i>Fringilla coelebs</i>	✓	✓	✓	✓
48	European Greenfinch	<i>Chloris chloris</i>		✓		
49	European Goldfinch	<i>Carduelis carduelis</i>		6+		
50	Eurasian Siskin	<i>Spinus spinus</i>		6		
51	Common Reed Bunting	<i>Emberiza schoeniclus</i>			H	

## Mammals (D = Dead)

1	Rabbit	<i>Oryctolagus cuniculus</i>	✓	✓	✓	✓
2	European Hare	<i>Lepus europaeus</i>		✓	✓	✓
3	Roe Deer	<i>Capreolus capreolus</i>	✓			
4	Mole	<i>Talpa europaea</i>		D		

## Reptiles &amp; Amphibians

1	Common Lizard	<i>Zootoca vivipara</i>			✓	
2	Common Frog	<i>Rana temporaria</i>		✓	✓	

## Fish

1	Salmon	<i>Salmo salar</i>	✓			
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## Butterflies

1	Large White	<i>Pieris brassicae</i>			✓	✓
2	Small White	<i>Pieris rapae</i>		✓		✓
3	Common Blue	<i>Polyommatus icarus</i>		✓	✓	✓
4	Red Admiral	<i>Vanessa atalanta</i>		✓	✓	
5	Painted Lady	<i>Vanessa cardui</i>		✓	✓	✓
6	Speckled Wood	<i>Pararge aegeria</i>				✓
7	Wall Brown	<i>Lasiommata megera</i>		✓		
8	Small Heath	<i>Coenonympha pamphilus</i>		✓	✓	✓

## Moths

1	Bird Cherry Ermine Moth	<i>Yponomeuta evonymella</i>				✓
2	Chimney Sweeper Moth	<i>Odezia atrata</i>		✓	✓	✓
3	Cinnabar Moth	<i>Tyria jacobaeae</i>				✓
4	July Highflyer	<i>Hydriomena furcata</i>			✓	

## Other Invertebrates

1	White-tailed Bumblebee	<i>Bombus lucorum</i>		✓		✓
2	Buff-tailed Bumblebee	<i>Bombus terrestris</i>			✓	
3	Common Carder Bee	<i>Bombus pascuorum</i>			✓	
4	Common Cockchafer	<i>Melontha melontha</i>			✓	
5	Dung beetle	<i>Acrossus</i> sp.			✓	
6	a Pond Skater				✓	
7	a Fresh water shrimp				✓	

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Photographing Shrubby Cinquefoil