

The Wild Flowers of Upper Teesdale

Naturetrek Tour Report

26 - 29 June 2015



Bird's-eye Primrose (*Primula farinosa*)



Mountain Avens (*Dryas octopetala*)



Hay Meadow, Widdybank Farm



Mountain Pansies (*Viola lutea*)

Report & Images compiled by Dawn Nelson



Naturetrek Mingledown Barn Wolf's Lane Chawton Alton Hampshire GU34 3HJ UK

T: +44 (0)1962 733051

F: +44 (0)1962 736426

E: info@naturetrek.co.uk

W: www.naturetrek.co.uk

Tour Participants: Dawn Nelson (Leader & Botanist) and a group of Naturetrek Clients

Introduction

This long weekend, as always, packed in a wide range of delightful habitats, plants, birds and other more general aspects of natural history. The wonderful switchback road that winds along the north side of the River Tees was the artery that gave us access to riverside walks, windswept fells and hidden wooded valleys, all awash with banks of rare and beautiful plants, enhanced by species-rich hay-meadows and accompanied by interesting birds. The highlights this year were stunning quantities of Marsh- and Spotted-orchids (*Dactylorhiza* spp.) and their numerous hybrids, as well as massed stands of Globe Flower (*Trollius europaeus*). Tiny, less conspicuous rarities found included Rare Spring-sedge (*Carex ericetorum*) and False Sedge (*Kobresia simpliciuscula*). Birds of note were, as ever, the Black Grouse and, this year, a Barn Owl; and all in a landscape that manages to combine large scale vistas with human scale fields and picturesque white-painted farms.

Day 1

Friday 26th June

Bowlees and banks of the River Tees, near Wynch Bridge

We all met up in the hotel bar to introduce ourselves before setting off to Bowlees for our first walk; a wonderful experience strolling along the south bank of the River Tees in glorious sunshine, accompanied by the evocative sound of water tumbling over rocks and waterfalls. We followed the path through the hay meadows, where we admired the diversity of plants including Yellow Rattle (*Rhinanthus minor*) and Scottish Eyebright (*Euphrasia scottica*). We crossed Wynch Bridge and headed downstream to see the Rock Whitebeam (*Sorbus rupicola*) and explore some of the rocky platforms between the bank and the river. We saw Marsh Hawk's-beard (*Crepis paludosa*), Mountain Pansy (*Viola lutea*) and a Dipper, before heading back upstream to admire Low Force and beyond.

Dave caught a Toad for us all to admire, and we sniffed the resinous leaves of the upland form of Downy Birch (*Betula pubescens* subsp. *tortuosa*). We found some male Mountain Everlasting (*Antennaria dioica*) and Dwarf Goldenrod (*Solidago vigeana* subsp. *minuta*) in flower. Huge quantities of Alpine Bistort (*Persicaria vivipara*) were admired and photographed, and we puzzled over Northern Marsh-orchid (*Dactylorhiza purpurella*) with its deep royal purple colour, Heath Spotted-orchid (*D. maculata*) with distinctive broad lip, Common Spotted-orchid (*D. fuchsii*) with its long 'tooth', and the multiple hybrids between them.

Returning back over Wynch Bridge, a Spotted Flycatcher was admired, before we returned happily to the Hotel for our first meal together.

Day 2

Saturday 27th June

Cronkley Fell

Today our walk took us across the River Tees at Cronkley Bridge, and up through the largest Juniper wood in England. Along the way, we admired Changing Forget-me-not (*Myosotis discolor*), Beech Fern (*Phegopteris connectilis*) and Round-leaved Sundew (*Drosera rotundifolia*), then headed up Birk Rigg to the top of Cronkley Fell.

Our first treat was a huge profusion of the endemic Hoary Rock-rose (*Helianthemum oelandicum* subsp. *levigatum*) in flower and lighting up the patches of sugar limestone in which it grows. It is one of the members of the Teesdale

Assemblage of special plants, to which we also added Spring Sandwort (*Minuartia verna*), Scottish Asphodel (*Tofieldia pusilla*), and Limestone Bedstraw (*Galium sternerii*). We had our picnic in the shelter of a dip because, although it was warm and sunny, there was a brisk wind. Our next find was Rare Spring-sedge (*Carex ericetorum*); moving on, we saw Spring Gentian (*Gentian verna*), still in flower, and watched a Golden Plover with a large chick. Dave spotted two Moonworts (*Botrychium lunaria*) with fertile fronds then, a little further along, Heather found five more.

White Well enclosure produced Mountain Avens (*Dryas octopetala*) and Crowberry (*Empetrum nigrum* subsp. *nigrum*). Heading back, we found a flowering specimen of Hoary Whitlowgrass (*Draba incana*), also displaying its distinctive twisted fruits. Taking a couple of detours, we searched wet flushes for Alpine Meadow-rue (*Thalictrum alpinum*) and Variegated Horsetail (*Equisetum variegatum*), then some rocky crags, finding Parsley Fern (*Cryptogramma crispa*) and Holly Fern (*Polystichum lonchitis*).

Once back over Cronkley Bridge, we headed upstream, finding Pyrenean Scurvy-grass (*Cochlearia pyrenaica* subsp. *alpina*) and Flat Sedge (*Blasmus compressus*) amongst the profusion of orchids. Skylarks, Sand and House Martins entertained us as did a pair of Tortoiseshell butterflies. Our final plant for the day was a large patch of Perennial Cornflower (*Centaurea montana*).

Day 3

Sunday 28th June

Widdybank Farm and Cetry Bank, followed by lunch at Harwood, then Bowlees Quarry and Bowlees Beck to Gibson's Cave

As we set off on this misty morning, Meadow Pipits, Pied Wagtails and a Lapwing with chick were all noted. We had permission to explore an especially rich hay meadow, which we admired in its entirety as well as its detail. Many pale flesh-pink Early Marsh-orchid (*Dactylorhiza incarnata* subsp. *incarnata*) were admired, and we also noticed the purplish-pink form (*Dactylorhiza incarnata* subsp. *pulchella*); Alpine Bartsia (*Bartsia alpina*) was also seen. From here, we set off for Cetry Bank to find some more of the Teesdale rarities. There was lots of Yellow Saxifrage (*Saxifrage aizoides*) but it all seemed to be in bud, until Jeff spotted a patch that was in flower and we could all appreciate the bright yellow, spotted petals. False sedge (*Kobresia simpliciuscula*) was also found and inspected, but more for its rarity than its beauty: perhaps Joan summed it up with her ironic 'Wow'. More Alpine Bartsia (*Bartsia alpina*) and Hair Sedge (*Carex capillaris*) were also seen. The wind had got up, turning the mist into rain, so we decided to go back to the minibus for a drive round some botanically choice locations. On the way, we paused to admire a pair of Grey Partridges and a bit further on found another pair, having a heated dispute with two Oystercatchers. We took pictures of large clumps of Globeflower (*Trollius europaeus*) and Marsh Marigold (*Caltha palustris*) in prime condition, and had our picnic in the minibus overlooking one of the many beautiful views this area has no lack of; meanwhile blue sky had appeared and a wonderful afternoon beckoned. Bird's-eye Primrose (*Primula farinosa*) looking delightful, was seen in abundance. We also found Lesser Butterfly-orchid (*Platanthera bifolia*) and Marsh Ragwort (*Jacobaea aquatica*).

Our last location for the day was Bowlees Quarry and Gibson's Cave. On the walk up, Common and Heath Fragrant-orchids (*Gymnadenia conopsea* and *G. borealis*) were both found, as well as Greater Butterfly-orchids (*Platanthera chlorantha*), all in quantity, if not all in full flower. To our surprise, we found primroses still in flower. We returned to the hotel earlier than usual to do our lists and have dinner, before going out to see the Black Grouse at one of their traditional lekking sites. We spotted six almost immediately; within an hour we had seen

13 displaying well, plus a Hare and Curlews. We headed back very content, only to be treated to two more species to add to our list on the short drive back: Lesser Black-backed Gull and a Barn Owl.

Day 4

Monday 29th June

From High Force downstream on both sides of the River Tees

After parking up, we headed downstream on the north bank of the river, enjoying the sound of the water tumbling over the rocks and spotting a Common Sandpiper along the way. At Holwick Head Bridge, we crossed the river, stopping to admire the delicate branched Wood Horsetail (*Equisetum sylvaticum*) and Shady Horsetail (*Equisetum pratense*) with its triangular-sectioned branches. A pair of Lapwings eyed us carefully, no doubt keeping a look out for any threat to their chicks. Having found and photographed Lesser Pond-sedge (*Carex acutiformis*), we turned upstream towards the viewing point above High Force, noting Lemon-scented Fern (*Oreopteris limbosperma*) and a Mole along the way. A bank of Mountain Pansies (*Viola lutea*), in multifarious varieties of colour combinations and displayed en-masse, elicited the only possible description 'Heavenly' coined by Jeff.

Having seen the waterfall from above, we retraced our steps back to the bridge and the carpark, to descend to the main viewing point below the falls on the north bank, adding some nice plants along the way. These included Honeysuckle (*Lonicera perichlymenum*), Sweet Woodruff (*Galium odoratum*) and some closer views of Brittle Bladder-fern (*Cysopteris fragilis*). Our last plant recorded was Three-nerved Sandwort (*Moebria trinervia*), before we drove back to the hotel, said our goodbyes and headed off in our separate ways, in the certainty that the pleasant memories will last much longer than the tour itself.

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Species Lists

Plants

Scientific Name	Common Name	Notes
PTERIDOPHYTES		
FERNS & ALLIES		
Selaginellaceae	Lesser Clubmoss Family	
<i>Selaginella selaginoides</i>	Lesser Clubmoss	Cronkley Fell & Cetry Bank
Equisetaceae	Horsetail Family	
<i>Equisetum arvense</i>	Field Horsetail	Frequent
<i>Equisetum palustre</i>	Marsh Horsetail	Widdybank Farm
<i>Equisetum pratense</i>	Shady Horsetail	Holwick Head
<i>Equisetum sylvaticum</i>	Wood Horsetail	Holwick Head
<i>Equisetum variegatum</i>	Variiegated Horsetail	Cronkley Fell
Aspleniaceae	Spleenwort Family	
<i>Asplenium trichomanes</i> ssp. <i>quadrivalens</i>	Maidenhair Spleenwort	Cronkley Bridge and Holwick Head bridge
<i>Asplenium scolopendrium</i>	Hart's-tongue Fern	High Force
Blechnaceae	Hard-fern Family	
<i>Blechnum spicant</i>	Hard-fern	High Force
Dennstaedtiaceae	Bracken Family	
<i>Pteridium aquilinum</i>	Bracken	Common
Dryopteridaceae	Buckler-fern Family	
<i>Dryopteris affinis</i> subsp. <i>affinis</i>	Scaly Male-fern	Bowlees Quarry & High Force
<i>Dryoptereis dilatata</i>	Broad Buckler-fern	Bank of River Tees & High Force
<i>Dryopteris filix-mas</i>	Male-fern	Common
<i>Polystichum aculeatum</i>	Hard Shield-fern	Gibson's Cave & High Force
<i>Polystichum lonchitis</i>	Holly Fern	Cronkley Fell
Ophioglossaceae	Adder's-tongue Fern Family	
<i>Botrychium lunaria</i>	Moonwort	Cronkley Fell
Polypodiaceae	Polypody Family	
<i>Polypodium vulgare</i>	Common Polypody	Occasional
Pteridaceae	Ribbon Fern Family	
<i>Cryptogramma crispa</i>	Parsley Fern	Cronkley Fell
Thelypteridaceae	Marsh Fern Family	
<i>Phegopteris connectilis</i>	Beech Fern	above Cronkley Farm
<i>Oreopteris limbosperma</i>	Lemon-scented Fern	nr High Force
Woodsiaceae	Lady-fern Family	
<i>Athyrium filix-femina</i>	Lady-fern	Bank of River Tees below Holwick Head
<i>Cystopteris fragilis</i>	Brittle Bladder-fern	Occasional

Scientific Name	Common Name	Notes
GYMNOSPERMS		
CONIFERS		
Cupressaceae		
<i>Juniperus communis</i>	Common Juniper	above Cronkley Farm and near High Force
Pinaceae		
<i>Pinus sylvestris</i>	Scot's Pine	nr Wynch Bridge
ANGIOSPERMS		
FLOWERING PLANTS		
Dicots		
Amaranthaceae		
<i>Chenopodium bonus-henricus</i>	Goosefoot Family Good King Henry	Bowlees
Apiaceae		
<i>Aegopodium podagraria</i>	Carrot Family Ground Elder	Occasional
<i>Angelica sylvestris</i>	Angelica	High Force
<i>Anthriscus sylvestris</i>	Cow Parsley	Bowlees Beck
<i>Conopodium majus</i>	Pignut	Occasional
<i>Heracleum sphondylium</i>	Hogweed	Occasional
<i>Imperatoria ostruthium</i>	Masterwort	Peghorn Lodge
<i>Myrrhis odorata</i>	Sweet Cicely	Occasional
<i>Pimpinella saxifraga</i>	Burnet Saxifrage	Occasional
<i>Sanicula europaea</i>	Sanicle	nr Wynch Bridge & High Force
Araliaceae		
<i>Hedera helix</i>	Ivy Family Ivy	Bowlees
Asteraceae		
<i>Achillea millefolium</i>	Daisy Family Yarrow	Bank of River Tees
<i>Antennaria dioica</i>	Mountain Everlasting	Bank of River Tees
<i>Arctium minus</i>	Lesser Burdock	High Force
<i>Bellis perennis</i>	Daisy	Frequent
<i>Centaurea montana</i>	Perennial Cornflower	Nr Hanging Shaw car park
<i>Cirsium arvense</i>	Creeping Thistle	Occasional
<i>Cirsium heterophyllum</i>	Melancholy Thistle	Frequent
<i>Cirsium palustre</i>	Marsh Thistle	Frequent
<i>Cirsium vulgare</i>	Spear Thistle	Occasional
<i>Crepis mollis</i>	Northern Hawk's-beard	
<i>Crepis paludosa</i>	Marsh Hawk's-beard	Occasional
<i>Hieracium agg</i>	Hawkweed	Bank of River Tees
<i>Hypochaeris radicata</i>	Cat's-ear	Bank of River Tees
<i>Jacobaea aquatica (Senecio aquaticus)</i>	Marsh Ragwort	Harwood
<i>Jacobaea vulgaris (Senecio jacobaea)</i>	Ragwort	Harwood
<i>Lapsana communis</i>	Nipplewort	Bowlees Quarry
<i>Leontodon hispidus</i>	Rough Hawkbit	Occasional
<i>Leucanthemum vulgare</i>	Oxeye Daisy	Driving
<i>Matricaria discoidea</i>	Pineappleweed	Bowlees
<i>Mycelis muralis</i>	Wall Lettuce	High Force
<i>Petasites hybridus</i>	Butterbur	High Force
<i>Pilosella officinarum</i>	Mouse-ear Hawkweed	Occasional
<i>Senecio erucifolius</i>	Hoary Ragwort	Harwood
<i>Serrulata tinctoria</i>	Sawwort	Bank of River Tees
<i>Solidago virgaurea</i>	Goldenrod	Harwood & High Force

Scientific Name	Common Name	Notes
<i>Solidago virgaurea</i> subsp. <i>minuta</i>	Dwarf Goldenrod	Bank of River Tees
<i>Sonchus asper</i>	Prickly Sow-thistle	High Force
<i>Succisa pratensis</i>	Devil's-bit Scabious	Occasional
<i>Taraxacum</i> agg.	Dandelion group	Occasional
<i>Tussilago farfara</i>	Coltsfoot	Occasional
Betulaceae	Birch Family	
<i>Alnus glutinosa</i>	Alder	Occasional
<i>Betula pubescens</i>	Downy Birch	Occasional
<i>Betula pubescens</i> subsp. <i>tortuosa</i>	Downy Birch, upland subsp.	Occasional
<i>Corylus avellana</i>	Hazel	Bowlees
Boraginaceae	Borage Family	
<i>Myosotis arvensis</i>	Field Forget-me-not	Frequent
<i>Myosotis discolor</i>	Changing Forget-me-not	nr Cronkley Bridge & Widdybank Farm
<i>Myosotis laxa</i>	Tufted Forget-me-not	nr Cronkley Bridge & Harwood
<i>Myosotis scorpiodes</i>	Water Forget-me-not	nr Cronkley Bridge
<i>Myosotis sylvatica</i>	Wood Forget-me-not	Wynch Bridge
Brassicaceae	Cabbage Family	
<i>Alliaria petiolata</i>	Garlic Mustard	Bowlees
<i>Cardamine hirsuta</i>	Hairy Bitter-cress	Bowlees Beck
<i>Cardamine pratensis</i>	Cuckooflower	Occasional
<i>Cochlearia pyrenaica</i> subsp. <i>alpina</i>	Pyrenean Scurvygrass	River Tees
<i>Draba incana</i>	Hoary Whitlowgrass	Cronkley Fell
<i>Hesperis matronalis</i>	Dame's-violet	Driving
Callitrichaceae	Water-starwort Family	
<i>Callitriche stagnalis</i>	Common Water-starwort	nr Cronkley Bridge
Caprifoliaceae	Honeysuckle Family	
<i>Lonicera periclymenum</i>	Honeysuckle	High Force
<i>Sambucus nigra</i>	Elderberry	High Force
Caryophyllaceae	Pink Family	
<i>Arenaria serpyllifolia</i>	Thyme-leaved Sandwort	
<i>Cerastium fontanum</i>	Common Mouse-ear	Frequent
<i>Minuartia verna</i>	Spring Sandwort	Cronkley Fell
<i>Moehringia trinervia</i>	Three-nerved Sandwort	High Force path
<i>Sagina procumbens</i>	Procumbent Pearlwort	Occasional
<i>Silene dioica</i>	Red Campion	Occasional
<i>Silene (Lychnis) flos-cuculi</i>	Ragged Robin	Frequent
<i>Stellaria alsine</i>	Bog Stitchwort	nr Cronkley Bridge
<i>Stellaria graminea</i>	Lesser Stitchwort	bank of River Tees
<i>Stellaria holostea</i>	Greater Stitchwort	Occasional
<i>Stellaria media</i>	Common Chickweed	Occasional
Cistaceae	Rock-rose Family	
<i>Helianthemum nummularium</i>	Common Rock-rose	Occasional
<i>H. oelandicum</i> subsp. <i>levigatum</i>	Hoary Rock-rose	Cronkley Fell
Crassulaceae	Stonecrop Family	

Scientific Name	Common Name	Notes
<i>Sedum acre</i> <i>Sempervivum tectorum</i>	Biting stonecrop House-leek	Bowlees & Middleton-in-Teesdale Bowlees
Dipsacaceae <i>Succisa pratensis</i>	Teasel Family Devil's-bit Scabious	Banks of River Tees
Droseraceae <i>Drosera rotundifolia</i>	Sundew Family Round-leaved Sundew	on the path to Cronkley Fell
Empetraceae <i>Empetrum nigrum</i> subsp. <i>nigrum</i>	Crowberry Family Crowberry	White Well (last) enclosure on Cronkley Fell
Ericaceae <i>Calluna vulgaris</i> <i>Erica tetralix</i> <i>Vaccinium myrtillus</i>	Heather Family Heather Cross-leaved Heath Bilberry	Common on the path to Cronkley Fell Occasional
Euphorbiaceae <i>Mercurialis perennis</i>	Spurge Family Dog's Mercury	Occasional
Fabaceae <i>Anthyllis vulneraria</i> <i>Trifolium dubium</i> <i>Trifolium pratense</i> <i>Trifolium repens</i> <i>Lathyrus linifolius</i> <i>Lathyrus pratensis</i> <i>Lotus corniculatus</i> <i>Medicago lupulina</i> <i>Ulex europaea</i> <i>Vicia sepium</i>	Pea Family Kidney Vetch Lesser Trefoil Red Clover White Clover Bitter Vetch Meadow Vetchling Bridsfoot-trefoil Black Medick Gorse Bush Vetch	White Well (last) enclosure on Cronkley Fell Widdybank Farm Frequent Frequent Banks of River Tees Banks of River Tees Occasional nr Cronkley Bridge Driving Occasional
Fagaceae <i>Fagus sylvatica</i>	Beech Family Beech	Frequent
Gentianaceae <i>Gentiana verna</i>	Gentian Family Spring Gentian	Cronkley Fell
Geraniaceae <i>Geranium pratense</i> <i>Geranium robertianum</i> <i>Geranium sylvaticum</i>	Crane's-bill Family Meadow Crane's-bill Herb Robert Wood Crane's-bill	(leaves only) Banks of River Tees & Bowlees Common Common
Hypericaceae <i>Hypericum hirsutum</i> <i>Hypericum pulchrum</i>	St .John's-wort Family Hairy St .John's-wort Slender St .John's-wort	Bowlees Quarry Banks of River Tees & High Force
Lamiaceae <i>Ajuga reptans</i> <i>Lamium album</i> <i>Prunella vulgaris</i>	Dead-nettle Family Common Bugle White Dead-nettle Selfheal	Occasional Bowlees Occasional

Scientific Name	Common Name	Notes
<i>Stachys sylvatica</i>	Hedge Woundwort	Bowlees Quarry
<i>Teucrium scorodonia</i>	Wood Sage	Occasional
<i>Thymus polytrichus</i>	Wild Thyme	Frequent
Linaceae	Flax Family	
<i>Linum catharticum</i>	Purging or Fairy Flax	Occasional
Lentibulariaceae	Butterwort Family	
<i>Pinguicula vulgaris</i>	Common Butterwort	Occasional
Malvaceae	Mallow Family	
<i>Tilia x europaea</i> (<i>T. platyphyllos x cordata</i>)	Hybrid Lime	High Force path
Oleaceae	Olive Family	
<i>Fraxinus excelsior</i>	Ash	Frequent
Onagraceae	Willowherb Family	
<i>Chamerion angustifolium</i>	Rosebay Willowherb	High Force
<i>Epilobium brunnescens</i>	New Zealand Willowherb	path to Cronkley Fell
<i>Epilobium montanum</i>	Broad-leaved Willowherb	Occasional
Orobanchaceae	Broomrape Family	
<i>Bartsia alpina</i>	Alpine Bartsia	Widdybank Farm & Cetry Bank
<i>Euphrasia arctica</i> subsp. <i>borealis</i>	Arctic Eyebright	Occasional
<i>Euphrasia scottica</i>	Scottish Eyebright	Occasional
<i>Pedicularis palustris</i>	Marsh Lousewort	path to Cronkley Fell & Widdybank Farm
<i>Pedicularis sylvatica</i>	Lousewort	bank of River Tees
<i>Rhinanthus minor</i>	Yellow-rattle	Frequent
Oxalidaceae	Wood Sorrel Family	
<i>Oxalis acetosella</i>	Wood Sorrel	Occasional
Papaveraceae	Poppy Family	
<i>Mecanopsis cambrica</i>	Welsh Poppy	Occasional
Phrymaceae	Mimulus Family	
<i>Mimulus x robertsii</i>	Hybrid Monkeyflower	nr Cronkley Bridge
<i>Mimulus guttatus x luteus x variegatus</i>	Triple-hybrid Monkeyflower	nr Cronkley Bridge
Plantaginaceae	Plantain Family	
<i>Plantago lanecolata</i>	Ribwort Plantain	Frequent
<i>Plantago major</i>	Greater Plantain	Occasional
<i>Plantago maritima</i>	Sea Plantain	Occasional
Polygalaceae	Milkwort Family	
<i>Polygala serpyllifolia</i>	Heath Milkwort	path to Cronkley Fell
<i>Polygala vulgaris</i>	Common Milkwort	Occasional
Polygonaceae	Knotweed Family	
<i>Persicaria bistorta</i>	Common Bistort	Driving
<i>Persicaria vivipara</i>	Alpine Bistort	Occasional
<i>Rumex acetosa</i>	Sorrel	Frequent

Scientific Name	Common Name	Notes
<i>Rumex longifolius</i>	Northern Dock	Frequent
<i>Rumex obtusifolius</i>	Broad-leaved Dock	Occasional
Potamogetonaceae	Pondweed Family	
<i>Potamogeton polygonifolius</i>	Bog Pondweed	nr Cronkley Bridge & path to Cronkley Fell
Primulaceae	Primrose Family	
<i>Primula farinosa</i>	Bird's-eye Primrose	occasional, best show at Harwood
<i>Primula veris</i>	Cowslip	Bank of River Tees
<i>Primula vulgaris</i>	Primrose	Bowlees Beck
<i>Lysimachia nemorum</i>	Yellow Pimpernel	Occasional
Ranunculaceae	Buttercup Family	
<i>Anemone nemorosa</i>	Wood Anemone	Cronkley Fell & High Force
<i>Caltha palustris</i>	Marsh Marigold	Occasional
<i>Ficaria verna</i>	Lesser Celandine	Bowlees Beck
<i>Ranunculus acris</i>	Meadow Buttercup	Common
<i>Thalictrum alpinum</i>	Alpine Meadow-rue	Cronkley Fell
<i>Trollius europaeus</i>	Globeflower	Occasional
Rosaceae	Rose Family	
<i>Alchemilla glabra</i>	Smooth Lady's-mantle	Frequent
<i>Crataegus monogyna</i>	Hawthorn	Bank of River Tees & Bowlees
<i>Crataegus x media</i>	Hawthorn x Midland Hawthorn	Bank of River Tees
<i>Dryas octopetala</i>	Mountain Avens	White Well (last) enclosure on Cronkley Fell
<i>Filipendula ulmaria</i>	Meadow Sweet	Frequent
<i>Fragaria vesca</i>	Wild Strawberry	Occasional
<i>Geum rivale</i>	Water Avens	Frequent
<i>Geum urbanum</i>	Wood Avens	Occasional
<i>Geum x intermedium</i>	Water Avens x Wood Avens	Bowlees
<i>Potentilla anserina</i>	Silverweed	Bowlees
<i>Potentilla erecta</i>	Tormentil	Frequent
<i>Potentilla fruticosa</i>	Shrubby Cinquefoil	Banks of River Tees
<i>Prunus padus</i>	Bird Cherry	Frequent
<i>Prunus spinosa</i>	Blackthorn	Banks of River Tees
<i>Rosa caesia</i> subsp. <i>vosagiaca</i>	Glaucous Dog-rose	Bowlees Quarry
<i>Rosa rubiginosa</i>	Sweet Briar	Bowlees Quarry
<i>Rubus fruticosus</i>	Bramble	Bowlees
<i>Rubus ideaus</i>	Raspberry	Frequent
<i>Sanguisorba officinalis</i>	Great Burnet	Occasional
<i>Sorbus aria</i>	Whitebeam	High Force
<i>Sorbus aucuparia</i>	Rowan	Occasional
<i>Sorbus rupicola</i>	Rock Whitebeam	Banks of River Tees
Rubiaceae	Bedstraw Family	
<i>Cruciata laevipes</i>	Crosswort	Frequent
<i>Galium aparine</i>	Cleavers	Occasional
<i>Galium boreale</i>	Northern Bedstraw	Occasional
<i>Galium odoratum</i>	Sweet Woodruff	High Force
<i>Galium saxatile</i>	Heath Bedstraw	Occasional
<i>Galium sternerii</i>	Limestone Bedstraw	Cronkley Fell
<i>Galium verum</i>	Lady's Bedstraw	Occasional

Scientific Name	Common Name	Notes
Sapindaceae	Maple Family	
<i>Acer campestre</i>	Field Maple	Bowlees
<i>Acer pseudoplatanus</i>	Sycamore	Frequent
Saxifragaceae	Saxifrage Family	
<i>Chrysosplenium oppositifolium</i>	Opposite-leaved Golden-saxifrage	Bowlees Beck
<i>Saxifraga aizoides</i>	Yellow Saxifrage	Cetry Bank
Saliciaceae	Willow Family	
<i>Populus tremula</i>	Aspen	High Force
<i>Salix caprea</i>	Goat Willow	Frequent
<i>Salix caprea</i> subsp. <i>sphacelata</i>	a Goat willow	Cronkley Bridge
<i>Salix phylicifolia</i>	Tea-leaved Willow	Banks of River Tees
Scrophulariaceae	Figwort Family	
<i>Scrophularia nodosa</i>	Figwort	High Force
Ulmaceae	Elm Family	
<i>Ulmus glabra</i>	Wych Elm	Frequent
Urticaceae	Nettle Family	
<i>Urtica dioica</i>	Common Nettle	Frequent
Valerianaceae	Valerian Family	
<i>Valeriana dioica</i>	Marsh Valerian	Banks of River Tees
<i>Valeriana officinalis</i>	Valerian	High Force
Veronicaceae	Speedwell Family	
<i>Digitalis purpurea</i>	Foxglove	Occasional
<i>Veronica beccabunga</i>	Brooklime	Occasional
<i>Veronica chamaedrys</i>	Germander Speedwell	Frequent
<i>Veronica officinalis</i>	Heath Speedwell	High Force
<i>Veronica serpyllifolia</i> subsp. <i>humifusa</i>	Thyme-leaved Speedwell	Banks of River Tees
Violaceae	Violet Family	
<i>Viola lutea</i>	Mountain Pansy	Occasional
<i>Viola riviniana</i>	Common Dog-violet	Cronkley Fell
Monocots		
Cyperaceae	Sedge Family	
<i>Blasmus compressus</i>	Flat sedge	Banks of River Tees nr Cronkley Bridge & Bowlees Quarry
<i>Carex acutiformis</i>	Lesser Pond Sedge	Bank of River Tees downstream from Holwick Head
<i>Carex capillaris</i>	Hair Sedge	Cronkley Fell, Widdybank Farm & Cetry Bank
<i>Carex demissa</i>	Long-bracted Yellow-sedge	Occasional
<i>Carex echinata</i>	Star Sedge	Occasional
<i>Carex ericetorum</i>	Rare Spring-sedge	Cronkley Fell
<i>Carex panicea</i>	Carnation Sedge	Cronkley Fell
<i>Carex pulicaris</i>	Flea Sedge	Cronkley Fell & Bowlees Quarry
<i>Carex sylvatica</i>	Wood Sedge	High Force
<i>Eriophorum angustifolium</i>	Common Cottongrass	Occasional

Scientific Name	Common Name	Notes
<i>Eriophorum vaginatum</i>	Hare's-tail Cottongrass	Widdybank Farm
<i>Kobresia simpliciuscula</i>	False Sedge	Cetry Bank
<i>Trichophorum germanicum</i>	Deer Grass	Bank of River Tees & Harwood
Juncaceae	Rush Family	
<i>Juncus effusus</i>	Soft Rush	High Force
<i>Juncus squarrosus</i>	Heath Rush	path to Cronkley Fell
<i>Luzula sylvatica</i>	Greater Wood-rush	Bowlees Quarry & High Force
Juncaginaceae	Arrowgrass Family	
<i>Triglochin palustris</i>	Marsh Arrowgrass	Cronkley Fell
Liliaceae	Lily Family	
<i>Hyacinthoides non-scripta</i>	Bluebell	nr Wynch Bridge & High Froce
<i>Tofieldia pusilla</i>	Scottish Asphodel	Cronkley Fell & Cetry Bank
Orchidaceae	Orchid Family	
<i>Dactylorhiza fuchsii</i>	Common Spotted-orchid	Common
<i>Dactylorhiza incarnata</i> ssp <i>incarnata</i>	Early Marsh-orchid (pale flesh-pink)	Widdybank Farm
<i>Dactylorhiza incarnata</i> ssp <i>pulchella</i>	Early Marsh-orchid (purplish-pink)	Widdybank Farm
<i>Dactylorhiza maculata</i> ssp <i>ericetorum</i>	Heath Spotted-orchid	Frequent
<i>Dactylorhiza purpurella</i>	Northern Marsh-orchid	Frequent
<i>D. x venusta</i> (<i>D. fuchsii</i> x <i>purpurella</i>)	Hybrid Orchid	Occasional
<i>D. x formosa</i> (<i>D. maculata</i> x <i>purpurella</i>)	Hybrid Orchid	Occasional
<i>Gymnadenia borealis</i>	Heath Fragrant Orchid	Bowlees Beck
<i>Gymnadenia conopsea</i>	Fragrant Orchid	Bowlees Beck
<i>Neottia (Listera) ovata</i>	Common Twayblade	Occasional
<i>Platanthera bifolia</i>	Lesser Butterfly-orchid	Harwood
<i>Platanthera chlorantha</i>	Greater Butterfly-orchid	Bowlees Beck
Poaceae	Grass Family	
<i>Alopecurus pratensis</i>	Meadow foxtail	Occasional
<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass	Frequent
<i>Arrhenatherum elatius</i>	False Oat-grass	Occasional
<i>Briza media</i>	Quaking Grass	Frequent
<i>Bromus hordeaceus</i>	Soft-brome	Occasional
<i>Bromopsis ramosa</i>	Hairy-brome	Bowlees Quarry & High Force
<i>Cynosorus cristatus</i>	Crested Dog's-tail	Frequent
<i>Dactylis glomerata</i>	Cock's-foot	Frequent
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	Occasional
<i>Deschampsia flexuosa</i>	Wavy Hair-grass	Occasional
<i>Glyceria fluitans</i>	Floating Sweet-grass	nr Cronkley Bridge
<i>Holcus lanata</i>	Yorkshire Fog	Occasional
<i>Holcus mollis</i>	Creeping Soft-grass	Banks of River Tees
<i>Lolium perenne</i>	Perennial Rye-grass	Frequent
<i>Molinia caerulea</i>	Purple Moor-grass	Frequent
<i>Nardus stricta</i>	Mat-grass	Common
<i>Poa annua</i>	Annual Meadow-grass	Common
<i>Sesleria caerulea</i>	Blue Moor-grass	Occasional
<i>Trisetum flavescens</i>	Yellow Oat-grass	Bank of River Tees
Mosses and Liverworts		
<i>Racomitrium lanuginosum</i>	Woolly Fringe Moss	Cronkley Fell

Scientific Name	Common Name	Notes
<i>Sphagnum sp.</i>	a Sphagnum Moss	Occasional
<i>Marchantia sp.</i>	a Liverwort	Gibson's Cave

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

	Common name	Scientific name	June			
			26	27	28	29
1	Black Grouse	<i>Lyrurus tetrix</i>			13	
2	Red Grouse	<i>Lagopus lagopus</i>		✓	✓	
3	Grey Partridge	<i>Perdix perdix</i>		✓	✓	
4	Common Pheasant	<i>Phasianus colchicus</i>	✓		✓	
5	Mallard	<i>Anas platyrhynchos</i>		✓		✓
6	Common Buzzard	<i>Buteo buteo</i>		✓		
7	Common Kestrel	<i>Falco tinnunculus</i>		✓		
8	Eurasian Oystercatcher	<i>Haematopus ostralegus</i>		✓	✓	
9	Northern Lapwing	<i>Vanellus vanellus</i>		✓	✓	✓
10	European Golden Plover	<i>Pluvialis apricaria</i>		✓		
11	Common Snipe	<i>Gallinago gallinago</i>		✓	✓	
12	Eurasian Curlew	<i>Numenius arquata</i>			✓	
13	Common Redshank	<i>Tringa totanus</i>			✓	
14	Common Sandpiper	<i>Actitis hypoleucos</i>	✓			✓
15	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	✓	✓	✓	✓
16	Lesser Black-backed Gull	<i>Larus fuscus</i>			✓	
17	Common Wood Pigeon	<i>Columba palumbus</i>		✓	✓	✓
18	Eurasian Collared Dove	<i>Streptopelia decaocto</i>			✓	
19	Barn Owl	<i>Tyto alba</i>			✓	
20	Common Swift	<i>Apus apus</i>		✓	✓	✓
21	Western Jackdaw	<i>Coloeus monedula</i>			✓	✓
22	Rook	<i>Corvus frugilegus</i>	✓		✓	✓
23	Carrion Crow	<i>Corvus corone</i>		✓	✓	
24	Great Tit	<i>Parus major</i>	✓		✓	
25	Eurasian Blue Tit	<i>Cyanistes caeruleus</i>			✓	
26	Eurasian Skylark	<i>Alauda arvensis</i>		✓	✓	
27	Sand Martin	<i>Riparia riparia</i>		✓		
28	Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓	
29	Common House Martin	<i>Delichon urbicum</i>	✓	✓	✓	✓
30	Eurasian Wren	<i>Troglodytes troglodytes</i>	✓		H	
31	Common Starling	<i>Sturnus vulgaris</i>			✓	
32	Common Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓
33	Song Thrush	<i>Turdus philomelos</i>			✓	
34	Northern Wheatear	<i>Oenanthe oenanthe</i>		✓		
35	Spotted Flycatcher	<i>Muscicapa striata</i>	✓			
36	White-throated Dipper	<i>Cinclus cinclus</i>	✓			
37	House Sparrow	<i>Passer domesticus</i>	✓	✓	✓	✓
38	Grey Wagtail	<i>Motacilla cinerea</i>	✓			✓
39	Pied Wagtail	<i>Motacilla alba yarrellii</i>		✓	✓	✓
40	Meadow Pipit	<i>Anthus pratensis</i>		✓	✓	
41	Common Chaffinch	<i>Fringilla coelebs</i>	✓		✓	
42	Eurasian Siskin	<i>Carduelis spinus</i>	✓		✓	
43	European Goldfinch	<i>Carduelis carduelis</i>		✓	✓	
44	Common Linnet	<i>Linaria cannabina</i>		✓	✓	

	Common name	Scientific name	June			
			26	27	28	29

Reptiles & Amphibians:

1	Common Toad	Bufo bufo	✓			
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Mammals:

1	Grey Squirrel	<i>Sciurus carolinensis</i>			✓	
2	Rabbit	<i>Oryctolagus cuniculus</i>	✓	✓	✓	✓
3	European Hare	<i>Lepus europaeus</i>			✓	
4	Mole	<i>Talpa europaea</i>				✓
5	Weasel	<i>Mustela nivalis</i>			dead	

Butterflies:

1	Small White	<i>Pieris rapae</i>		✓		
2	Green Hairstreak	<i>Callophrys rubi</i>			✓	
3	Small Tortoiseshell	<i>Aglais urticae</i>		✓		
4	Small Heath	<i>Coenonympha pamphilus</i>		✓		

Moths

1	Bird Cherry Ermine Moth	<i>Yponomeuta evonymella</i>	web			✓
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Other Invertebrates:

1	Black Slug	<i>Arion ater</i>		✓		
2	Earthworm	<i>Lumbricina sp.</i>		✓		
3	Ant	<i>Formica sp.</i>		✓		
4	Common Cockchafer	<i>Melolontha melolontha</i>		✓		
5	Snail sp.			✓		



Client by River Tees near Holwick Head