

# Somerset's Summer Wildlife

Naturetrek Tour Report

4th – 7th July 2022



Bordered Beauty



Sulphur Beetle



Silver-washed Fritillary



White Rock-rose

Tour report and images by Chris Gibson



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Tour participants: Chris Gibson and David Phillips (leaders) with 14 Naturetrek clients

## Summary

Somerset is home to a wealth of habitats and species, comprising the various hill formations, coastline, wetlands and woodland, with nature reserves both ancient and modern, rugged and flat. The tour was very general and not focusing on any one particular group: birds, flowers and insects all featured, along with the geology, land use and conservation history, all making for a diverse and interesting tour.

### Day 1

**Monday 4th July**

After some traumatic journeys, delayed by fuel price rolling roadblock protests, we all arrived at our base, Batch Country House, on time at 15:30 for a brief introduction from the leaders, laying out the plans for the next three days.

We then headed to Berrow Dunes, our nearest stretch of coastline, to explore the specialized flora of the sandy humps and hollows. Mown or grazed grassland around the golf course showed blazes of Lady's Bedstraw, Rest-harrow and Bird's-foot-trefoil; more unassuming but eminently strokeable Hare's-foot Clover; and was speared by the spikes of Pyramidal Orchid and Southern Marsh-orchid, with Common Stork's-bill, Sand Sedge, Biting Stonecrop and Buck's-horn Plantain in the more open patches of sand.

The landward sandhills were covered in scrub of Blackthorn, Spindle, Sea Buckthorn and Duke-of-Argyll's Tea-tree, draped with festoons of Hop; no doubt the latter and the patches of Stinging Nettle helped explain the abundance of Commas, although other insects kept low in the face of a stiff onshore wind. Likewise the birds, apart from a few Goldfinches and singing Blackcaps and Chiffchaffs. Other showy plants included Wild Parsnip and Common Toadflax.

The more unstable, seaward dunes were as so often covered in Lyme Grass and Marram with patches of Sea Radish, Hemlock Water-dropwort and Sea Spurge, while the pioneer fore-dunes were building around clumps of Spear-leaved Orache, Sea Rocket and Prickly Saltwort. With the tide at its lowest there were few birds to be seen apart from Herring and Lesser Black-backed Gulls, but the sweeping views of the Bristol Channel, taking in Brean Down, Steephelm and Flathelm, Cardiff and Hinkley Point, made up for the lack of birds, and the breeze refreshed us on a hot day.

Back then to the hotel for the first of our unfailingly excellent meals.

### Day 2

**Tuesday 5th July**

Having set the moth trap in the hotel grounds the previous evening, the first half hour after breakfast was spent going through its contents. Despite a breezy, cool night, there was a respectable haul, including Elephant Hawk-moths and a Privet Hawk, a male Ghost Moth and Magpie Moth.

Our first full day was spent in the Somerset Levels, the resurgent area now more broadly known as the Avalon Marshes. Heading through the Levels, a brief first roadside stop was to watch a feeding Great White Egret, now

a familiar resident in these parts but still always giving a little thrill of the exotic. On to Ham Wall RSPB, the car park and surrounds saw us examining the sheltering damselflies, and a couple of newly emerged Southern Hawker dragonflies. Along the old railway line, reedbed views produced a selection of Marsh Harriers and Buzzards, with interesting plants such as Crow Garlic (including its proliferous form) and Narrow-leaved Everlasting-pea, and invertebrates like Banded Demoiselle and Cucumber Spider.

Heading down the trail into the heart of the marsh we were looking out on to open pools with Great Crested Grebes and Dabchicks, Reed Warblers chattering in the reeds, and a Cormorant and a flock of moulting Gadwalls. Purple Loosestrife, Hemp Agrimony and Water Figwort bedecked the reed edges along with Amphibious Bistort just out into open water, a Red Admiral flirted with the photographers, and all were treated to 'intimate moments' with pairs of Blue-tailed Damselflies and Footballer Hoverflies. Then it was away for lunch in the splendid Duck at Burtle, who coped admirably with the sudden influx of 16 hungry naturalists.

The afternoon was spent exploring Shapwick Heath. After puzzling over Reversed Clover outside the Avalon Marshes Centre, we went on a fenny, ferny stroll through wet woodland and meadows and down to the pools, following in the footsteps of the prehistoric Sweet Track. Especially impressive in the woods were stands of Royal Fern and Common Valerian, many fern fronds bearing the scrunched-up galls of the fly *Chirosia grossicauda*, the red bean galls of a micromoth *Mompha sturnipennella* on Rosebay Willowherb, and White Admirals gliding around the glades with Honeysuckle. A large female Raft Spider with egg-sac was appreciated by all. The open marshes had Marsh Ragwort and Marsh Fragrant-orchid while Brown Hawkers patrolled. And then down at the hide overlooking the lily-filled pools, with magnificent views to Glastonbury Tor, we were treated to a few minutes of joy as first a female Emperor Dragonfly was ovipositing, a Great White Egret dropped in and fed in front of us, and then a pair of Hobbies gave fantastic flypasts in their hunt for dragonflies. And as a finale, a Bittern flapped slowly out of the reeds and crossed our pool for all to see.

## Day 3

## Wednesday 6th July

The moths from overnight trapping were again diverse, albeit with fewer of the 'big game'. New species for our list included Swallow-tailed Moth, Bordered Beauty and Bordered White.

A short drive took us to Brean Down, a magnificent chunk of limestone, the last gasp of the mainland Mendips, jutting out into the Bristol Channel. As soon as we parked up, a Peregrine swept along the shoreline, scattering gulls in its wake. Our route up onto the Down took us up the gentle military road, the views across Bridgwater Bay improving at every step. The scrub harboured Whitethroats and a Stonechat, and in patches along the trackside there was Ivy Broomrape.

At the top, a new vista emerged, looking over Weston-super-mare; closer to home, numerous Wild Carrot umbels were simply crawling with Sulphur Beetles, a distinctive but rather local species clinging on well in the blustery wind. The only other insects seemingly able to find shelter were Thick-thighed Beetles nestled into their Field Bindweed trumpets. Plants included typically Small Scabious, Wild Thyme, Wild Basil and Wild Marjoram, a splendid example of Ploughman's Spikenard, and the ultimate prize, patches of the delightful White Rock-rose, here at one of only two UK localities! Job done, it was back to the vans (and café), some by retracing our route up, others taking the shorter but more precipitous steps down.

Lunch was collected from a supermarket in Bridgwater on the short drive to Steart Marshes, a very new reserve created by the WWT in part by allowing the sea to reclaim that which human beings stole from it in times past. The Quantock Hide revealed breeding Avocets and Oystercatchers, with a gaggle of Black-tailed Godwits in the distance, and the Mendip hide looked over a vast grassy plain, seemingly lifeless save for flocks of Starlings, until one, then two and so on up to perhaps six or seven Brown Hares revealed themselves, as Swifts scythed low overhead.

Plants on the reserve included a number of brackish grassland specialities such as Hairy Buttercup and Grass Vetchling, Lesser Reedmace in the ditches, and Corky-fruited Water-dropwort. A final walk westward took us through a less manufactured landscape of grassland with Small Tortoiseshells, patches of scrub with singing Reed Buntings, and ponds and pools with Skullcap, Glaucous Bulrush and Flowering-rush. And as a finale, over flew three Cattle Egrets, the latest wetland colonist of the heart of Somerset, refugees from the Mediterranean wetlands that are drying and dying as climate collapses.

After dinner, being the last night we had to try out the garden for bats, despite unfavourably blustery conditions. But despite everything, right on cue, ten minutes after sunset, the first Noctules appeared, flying well above treetop heights, and as twilight fell so the Pipistrelles (Soprano and a few Common) moved into the garden to feed around trees and in the dark corridors formed by conifer hedges.

## Day 4

## Thursday 7th July

A last blast from the moth trap produced a couple of perennial favourites, Poplar Hawk-moth and Buff-tip, the latter a birch twig made animal. And following up the sharp eyes of a client, at the far end of the garden we came upon a newly fledged Common Redstart. Then it was across the levels to the rolling Polden Hills south of Glastonbury, specifically Collard Hill, owned by the National Trust. A lovely limestone grassland with views southward, the splendour of the site is marred only by the busy road that bisects it, and indeed which we had to cross. But cross it we had to given that this is just about the only one of the tiny number of Large Blue reintroduction sites that is publicly accessible. We found the Thyme-filled, ant-hilled sun-baked slopes, but sadly to no avail – we may have been too late in the season this year, or the weather may have been just too cool and dull. In fact, in what should have been butterfly heaven, all we saw was a few Meadow Browns and Marbled Whites, the latter new for the trip.

Flowers included Common Rock-rose, Common Centaury, Yellow-wort, Mouse-ear Hawkweed, Clustered Bellflower and Field Scabious, but most impressive were the Woolly Thistles. Even though only one head was in full flower, the pre-flowering heads display fascinating Fibonacci spirals, many of the complete with their picture-winged fly. A couple of Ravens and a Kestrel provided the bird interest.

Then it was off to Glastonbury to forage for lunch for an hour, during which time the wind dropped and the sun came out in force, really the first prolonged spell of the week. By the time we got to Cheddar Gorge, it was becoming really quite hot. We drove up the spectacular limestone gorge, ignoring the busy honeypot at its mouth, and worked our way to the Black Rock Somerset Wildlife Trust reserve. A lovely walk through the wooded upper gorge provided shade and sun, ideal for the numerous Silver-washed Fritillaries, mostly it seemed engaged in their eternal fruitless aerial flirtations/tussles with Commas. North-facing sections of rock were sufficiently moist to support a good community of ferns, including Hard-fern, but sadly, several areas of

Ashwood have been completely devastated by Ash Dieback. Perhaps Lesser Spotted Woodpeckers will rise to the challenge, but sadly not today: all we heard bird-wise was Chiffchaffs, Chaffinches and a Marsh Tit.

Dropping down to the mid-point of the gorge, the landscape opened up and became even more spectacular. Scanning the crags produced Nettle-leaved Bellflower and Red Valerian, but sadly no sign of the now extremely scarce Cheddar Pink. It is still there, however, as demonstrated by two clients who returned the following day, high up on the rocks and well out of reach of many of our group. From there, we made our way back to the hotel to say our farewells and depart having had a great, diverse wildlife adventure in Somerset.

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## Species lists

Birds (H = Heard only. I = introduced)

			July 2022			
	Common name	Scientific name	4	5	6	7
1	Canada Goose - I	<i>Branta canadensis</i>		✓		
2	Greylag Goose	<i>Anser anser</i>		✓		
3	Mute Swan	<i>Cygnus olor</i>		✓		
4	Common Shelduck	<i>Tadorna tadorna</i>			✓	
5	Gadwall	<i>Mareca strepera</i>		✓	✓	
6	Mallard	<i>Anas platyrhynchos</i>		✓	✓	
7	Common Pochard	<i>Aythya ferina</i>		✓		
8	Common Pheasant - I	<i>Phasianus colchicus</i>	✓		✓	
9	Red-legged Partridge - I	<i>Alectoris rufa</i>			✓	
10	Common Swift	<i>Apus apus</i>		✓	✓	✓
11	Stock Dove	<i>Columba oenas</i>		✓	✓	
12	Common Wood Pigeon	<i>Columba palumbus</i>	✓	✓	✓	✓
13	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	✓	✓	✓	✓
14	Common Moorhen	<i>Gallinula chloropus</i>	✓	✓	✓	

	Common name	Scientific name	July 2022			
			4	5	6	7
15	Eurasian Coot	<i>Fulica atra</i>		✓	✓	
16	Little Grebe	<i>Tachybaptus ruficollis</i>		✓		
17	Great Crested Grebe	<i>Podiceps cristatus</i>		✓		
18	Avocet	<i>Recurvirostra avosetta</i>			✓	
19	Oystercatcher	<i>Himantopus ostralegus</i>			✓	
20	Black-tailed Godwit	<i>Limosa limosa</i>			✓	
21	Black-headed Gull	<i>Chroicocephalus ridibundus</i>		✓	✓	
22	European Herring Gull	<i>Larus argentatus</i>	✓	✓	✓	
23	Lesser Black-backed Gull	<i>Larus fuscus</i>	✓	✓	✓	
24	Great Cormorant	<i>Phalacrocorax carbo</i>		✓	✓	
25	Eurasian Bittern	<i>Botaurus stellaris</i>		✓		
26	Grey Heron	<i>Ardea cinerea</i>	✓	✓	✓	
27	Great Egret	<i>Ardea alba</i>		✓		
28	Cattle Egret	<i>Bubulcus ibis</i>			✓	
29	Little Egret	<i>Egretta garzetta</i>		✓	✓	
30	Eurasian Sparrowhawk	<i>Accipiter nisus</i>				✓
31	Western Marsh Harrier	<i>Circus aeruginosus</i>		✓		
32	Common Buzzard	<i>Buteo buteo</i>	✓	✓	✓	✓
33	Great Spotted Woodpecker	<i>Dendrocopos major</i>		✓	✓	✓
34	Common Kestrel	<i>Falco tinnunculus</i>				✓
35	Eurasian Hobby	<i>Falco subbuteo</i>		✓		
36	Peregrine Falcon	<i>Falco peregrinus</i>			✓	
37	Eurasian Jay	<i>Garrulus glandarius</i>		✓		✓
38	Eurasian Magpie	<i>Pica pica</i>	✓	✓	✓	✓
39	Western Jackdaw	<i>Coloeus monedula</i>	✓	✓	✓	✓
40	Rook	<i>Corvus frugilegus</i>		✓		
41	Carrion Crow	<i>Corvus corone</i>	✓	✓	✓	✓
42	Northern Raven	<i>Corvus corax</i>				✓
43	Marsh Tit	<i>Poecile palustris</i>				✓
44	Eurasian Blue Tit	<i>Cyanistes caeruleus</i>		✓		✓
45	Great Tit	<i>Parus major</i>		✓		
46	Bearded Reedling	<i>Panurus biarmicus</i>		✓		
47	Eurasian Skylark	<i>Alauda arvensis</i>		✓	✓	✓
48	Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓	✓
49	Common House Martin	<i>Delichon urbicum</i>		✓		
50	Long-tailed Tit	<i>Aegithalos caudatus</i>		✓		✓
51	Common Chiffchaff	<i>Phylloscopus collybita</i>	✓	✓	✓	✓
52	Sedge Warbler	<i>Acrocephalus schoenobaenus</i>			✓	
53	Eurasian Reed Warbler	<i>Acrocephalus scirpaceus</i>		✓	✓	✓
54	Eurasian Blackcap	<i>Sylvia atricapilla</i>	✓	✓		✓
55	Garden Warbler	<i>Sylvia borin</i>		✓		
56	Common Whitethroat	<i>Curruca communis</i>		✓	✓	
57	Goldcrest	<i>Regulus regulus</i>		✓		✓

			July 2022			
	Common name	Scientific name	4	5	6	7
58	Eurasian Wren	<i>Troglodytes troglodytes</i>		✓	✓	✓
59	Common Starling	<i>Sturnus vulgaris</i>	✓		✓	✓
60	Song Thrush	<i>Turdus philomelos</i>		✓	✓	✓
61	Common Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓
62	European Robin	<i>Erithacus rubecula</i>		✓	✓	✓
63	Common Redstart	<i>Phoenicurus phoenicurus</i>				✓
64	European Stonechat	<i>Saxicola rubicola</i>			✓	
65	House Sparrow	<i>Passer domesticus</i>	✓	✓	✓	✓
66	Dunnock	<i>Prunella modularis</i>	✓		✓	✓
67	Pied Wagtail	<i>Motacilla alba</i>	✓	✓	✓	✓
68	Meadow Pipit	<i>Anthus pratensis</i>			✓	
69	Common Chaffinch	<i>Fringilla coelebs</i>		✓		✓
70	Eurasian Bullfinch	<i>Pyrrhula pyrrhula</i>		✓		
71	European Greenfinch	<i>Chloris chloris</i>		✓	✓	✓
72	European Goldfinch	<i>Carduelis carduelis</i>	✓	✓	✓	✓
73	Common Reed Bunting	<i>Emberiza schoeniclus</i>			✓	

### Other vertebrates

		July 2022			
Common name	Scientific name	4	5	6	7
<b>Mammals</b>					
European Hare - I	<i>Lepus europaeus</i>			✓	
European Rabbit - I	<i>Oryctolagus cuniculus</i>			✓	
Grey Squirrel	<i>Sciurus carolinensis</i>				✓
European Mole	<i>Talpa europaea</i>		signs		
Least Weasel	<i>Mustela nivalis</i>			✓	
Noctule	<i>Nyctalus noctula</i>			✓	
Common Pipistrelle	<i>Pipistrellus pipistrellus</i>			✓	
Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>			✓	
<b>Reptiles &amp; Amphibians</b>					
Common Frog	<i>Rana temporaria</i>				✓

### Invertebrates

Common name	Scientific name	4	5	6	7
<b>Butterflies</b>					
Large White	<i>Pieris brassicae</i>		✓		✓
Small White	<i>Pieris rapae</i>		✓	✓	
Green-veined White	<i>Pieris napi</i>		✓		

Brimstone	<i>Gonepteryx rhamni</i>		✓		✓
Speckled Wood	<i>Pararge aegeria</i>		✓	✓	
Meadow Brown	<i>Maniola jurtina</i>		✓	✓	✓
Gatekeeper	<i>Pyronia tithonus</i>				✓
Ringlet	<i>Aphantopus hyperantus</i>		✓	✓	✓
Marbled White	<i>Melanargia galathea</i>				✓
Comma	<i>Polygonia c-album</i>	✓	✓	✓	✓
White Admiral	<i>Limenitis camilla</i>		✓		
Red Admiral	<i>Vanessa atalanta</i>		✓	✓	
Peacock Butterfly	<i>Aglaia io</i>	cats	✓		
Small Tortoiseshell	<i>Aglaia urticae</i>		✓	✓	
Silver-washed Fritillary	<i>Argynnis paphia</i>				✓
Large Skipper	<i>Ochlodes sylvanus</i>		✓	✓	✓
Small Skipper	<i>Thymelicus sylvestris</i>			✓	
<b>Dragons &amp; Damsels</b>					
Banded Demoiselle	<i>Calopteryx splendens</i>		✓		
Common Bluetail	<i>Ischnura elegans</i>		✓		
Common Bluet	<i>Enallagma cyathigerum</i>		✓		
Variable Bluet	<i>Coenagrion pulchellum</i>		✓		
Azure Bluet	<i>Coenagrion puella</i>		✓		
Small Red-eye	<i>Erythronia viridulum</i>		✓		
Brown Hawker	<i>Aeshna grandis</i>		✓		
Southern Hawker	<i>Aeshna cyanea</i>		✓		
Blue Emperor	<i>Anax imperator</i>		✓	✓	
Black-tailed Skimmer	<i>Orthetrum cancellatum</i>		✓		
Common Darter	<i>Sympetrum striolatum</i>		✓		
Ruddy Darter	<i>Sympetrum sanguineum</i>		✓		
<b>Moths from the Moth Trap</b>					
<b>Macros</b>					
Elephant Hawk-moth					
Poplar Hawk-moth					
Privet Hawk-moth					
Ghost Moth					
Lackey					
Barred Straw					
Bordered Beauty					
<b>Moths continued</b>					
Bordered White					
Brussels Lace					
Common Emerald					
July Highflyer					
Magpie Moth					
Riband Wave					

Scalloped Oak	
Swallow-tailed Moth	
Willow Beauty	
Brown-tail	
Buff-tip	
Buff Ermine	
Buff Footman	
Common Footman	
Bright-line Brown-eye	
Common Rustic agg	
Common Wainscot	
Dark Arches	
Flame	
Grey/Dark Dagger	
Heart and Dart	
Large Yellow Underwing	
Light Arches	
Orange Footman	
Poplar Grey	
Silver Y	
Snout	
Spectacle	
Tawny Marbled Minor	
White-line Dart	
White Point	
<b>Micros</b>	
<i>Acleris comariana</i>	
<i>Agapeta hamana</i>	
<i>Crambus pascuella</i>	
<i>Donacaula forficella</i>	
Garden Grass-veneer	
Mother-of-Pearl	
Ringed China-mark	
<i>Scoparia ambigualis</i>	
Small Magpie	
Thistle Ermine	
<i>Udea prunalis</i>	
<b>Free-range moths</b>	
<i>Anacamptis populella</i>	
<i>Cameraria ohridella</i>	mines on Horse-chestnut
<i>Mompha sturnipennella</i>	gall on Rosebay
Scarlet Tiger	<i>Callimorpha dominula</i>
Cinnabar – caterpillars	<i>Tyria jacobaeae</i>

Yellow-tail - caterpillar	<i>Euproctis similis</i>
<b>Other Invertebrates</b>	
<b>Mollusca</b>	<b>Snails and Slugs</b>
<i>Arion ater</i>	Large Black Slug
<i>Lymnaea peregra</i>	Wandering Pond-snail
<b>Arachnida</b>	<b>Spiders</b>
Cucumber Spider	<i>Araniella</i> sp.
Raft Spider	<i>Dolomedes fimbriatus</i>
Nursery-web Spider	<i>Pisaura mirabilis</i>
<b>Hemiptera</b>	<b>True Bugs</b>
<i>Heterotoma planicornis</i>	a mirid
<i>Phytocoris ulmi</i>	a mirid
<b>Orthoptera</b>	<b>Grasshoppers &amp; Bush-crickets</b>
<i>Leptophyes punctatissima</i>	Speckled Bush-cricket
<i>Pholidoptera griseoptera</i>	Dark Bush-cricket
<b>Coleoptera</b>	<b>Beetles</b>
<i>Cteniopos sulphureus</i>	Sulphur Beetle
<i>Oedemera nobilis</i>	Thick-thighed Beetle
<i>Rhagonycha fulva</i>	Hogweed Bonking-beetle
<b>Diptera</b>	<b>Flies</b>
<i>Cheilosia illustrata</i>	a hoverfly
<i>Chirosia grossicauda</i>	gall on ferns
<i>Helophilus pendulus</i>	Footballer Hoverfly
<i>Terellia longicauda</i>	picture-winged fly on Woolly Thistle
<i>Urophora stylata</i>	picture-winged fly on Woolly Thistle
<b>Hymenoptera</b>	<b>Bees, wasps &amp; ants</b>
<i>Bombus campestris</i>	Field Cuckoo-bee
<i>Bombus lapidarius</i>	Red-tailed Bumblebee
<i>Bombus terrestris</i>	Buff-tailed Bumblebee

## Plants

**PLANTS - a substantial selection of the interesting species recorded**

**Latin name**

**Common name**

**PTERIDOPHYTES**

**FERNS & FERN ALLIES**

**Aspleniaceae**

**Spleenwort Family**

**PLANTS - a substantial selection of the interesting species recorded****Latin name***Asplenium scolopendrium***Common name**

Hart's-tongue

**Athyriaceae***Athyrium filix-femina***Lady-fern Family**

Lady-fern

**Blechnaceae***Blechnum spicant***Hard Fern Family**

Hard Fern

**Dennstaedtiaceae***Pteridium aquilinum***Bracken Family**

Bracken

**Dryopteridaceae***Dryopteris affinis**Dryopteris filix-mas**Dryopteris dilatata***Buckler-fern Family**

Scaly Male-fern

Male-fern

Broad Buckler-fern

**Equisetaceae***Equisetum arvense**Equisetum fluviatile**Equisetum palustre***Horsetail Family**

Field Horsetail

Water Horsetail

Marsh Horsetail

**Osmundaceae***Osmunda regalis***Royal Fern Family**

Royal Fern

**Salviniaceae***Azolla filiculoides***Water Fern Family**

Water Fern

**Thelypteridaceae***Thelypteris palustris***Marsh Fern Family**

Marsh Fern

**ANGIOSPERMS****FLOWERING PLANTS****DICOTYLEDONS****Adoxaceae***Sambucus nigra**Viburnum opulus***Moschatel Family**

Elder

Guelder-rose

**Amaranthaceae***Atriplex hastata**Atriplex patula**Beta vulgaris* subsp. *maritima**Salsola kali***Goosefoot Family**

Spear-leaved Orache

Common Orache

Sea beet

Prickly Saltwort

**PLANTS - a substantial selection of the interesting species recorded****Latin name****Common name****Apiaceae****Carrot Family***Apium nodiflorum*

Fool's Watercress

*Angelica sylvestris*

Wild Angelica

*Anthriscus sylvestris*

Cow Parsley

*Conium maculatum*

Hemlock

*Daucus carota*

Wild Carrot

*Foeniculum vulgare*

Fennel

*Heracleum sphondylium*

Hogweed

*Oenanthe crocata*

Hemlock Water-dropwort

*Oenanthe pimpinelloides*

Corky-fruited Water-dropwort

*Pastinaca sativa*

Wild Parsnip

**Aquifoliaceae****Holly Family***Ilex aquifolium*

Holly

**Araliaceae****Ivy Family***Hedera helix*

Ivy

**Asteraceae****Daisy Family***Achillea millefolium*

Yarrow

*Arctium minus*

Lesser Burdock

*Artemisia vulgaris*

Mugwort

*Bellis perennis*

Daisy

*Carduus nutans*

Musk Thistle

*Carlina vulgaris*

Carlina Thistle

*Centaurea nigra*

Common Knapweed

*Cirsium eriophorum*

Woolly Thistle

*Cirsium vulgare*

Spear Thistle

*Eupatorium cannabinum*

Hemp Agrimony

*Jacobaea aquatica*

Marsh Ragwort

*Jacobaea vulgaris*

Common Ragwort

*Leucanthemum vulgare*

Ox-eye Daisy

*Matricaria discoidea*

Pineapple Weed

*Picris echioides*

Bristly Oxtongue

*Pilosella officinarum*

Mouse-ear Hawkweed

*Tragopogon pratensis*

Goat's-beard

**Betulaceae****Birch Family***Alnus glutinosa*

Common Alder

**Boraginaceae****Borage Family***Symphytum officinale*

Common Comfrey

**Brassicaceae****Cabbage Family**

**PLANTS - a substantial selection of the interesting species recorded****Latin name***Alliaria petiolata**Cakile maritima**Lepidium coronopus**Raphanus raphanistrum* subsp. *maritimus***Common name**

Garlic Mustard

Sea Rocket

Swine-cress

Sea Radish

**Campanulaceae***Campanula glomerata**Campanula trachelium***Bellflower Family**

Clustered Bellflower

Nettle-leaved Bellflower

**Cannabaceae***Humulus lupulus***Hemp Family**

Hop

**Caprifoliaceae***Lonicera periclymenum***Honeysuckle Family**

Common Honeysuckle

**Caryophyllaceae***Cerastium fontanum**Myosoton aquaticum**Silene dioica**Stellaria graminea***Pink Family**

Common Mouse-ear

Water Chickweed

Red Campion

Lesser Stitchwort

**Celastraceae***Euonymus europaeus***Spindle Family**

Spindle

**Cistaceae***Helianthemum appeninum**Helianthemum nummularium***Rock-rose Family**

White Rock-rose

Common Rock-rose

**Convolvulaceae***Calystegia sepium**Convolvulus arvensis* (incl *schizoflora*)**Bindweed Family**

Hedge Bindweed

Field Bindweed

**Cornaceae***Cornus sanguinea***Dogwood Family**

Dogwood

**Crassulaceae***Sedum acre***Stonecrop Family**

Biting Stonecrop

**Cucurbitaceae***Bryonia dioica***Cucumber Family**

White Bryony

**Dipsacaceae***Dipsacus fullonum**Knautia arvensis***Teasel Family**

Wild Teasel

Field Scabious

**PLANTS - a substantial selection of the interesting species recorded****Latin name***Scabiosa columbaria***Common name**

Small Scabious

**Elaeagnaceae***Hippophae rhamnoides***Sea-buckthorn Family**

Sea-buckthorn

**Ericaceae***Calluna vulgaris***Heather Family**

Ling

**Euphorbiaceae***Euphorbia helioscopia**Euphorbia paralias***Spurge Family**

Sun Spurge

Sea Spurge

**Fabaceae***Ervilia tetrasperma**Lathyrus nissolia**Lathyrus sylvestris**Lotus corniculatus**Medicago lupulina**Melilotus officinalis**Ononis repens**Trifolium arvense**Trifolium resupinatum**Vicia cracca**Vicia sativa**Vicia sepium***Pea Family**

Smooth Tare

Grass Vetchling

Narrow-leaved Everlasting Pea

Bird's-foot Trefoil

Black Medick

Ribbed Melilot

Common Restharrow

Hare's-foot Clover

Reversed Clover

Tufted Vetch

Common Vetch

Bush Vetch

**Fagaceae***Quercus cerris**Quercus robur***Beech Family**

Turkey Oak

Pedunculate Oak

**Geraniaceae***Erodium cicutarium**Geranium dissectum**Geranium molle**Geranium pratense**Geranium robertianum***Crane's-bill Family**

Common Stork's-bill

Cut-leaved Crane's-bill

Dove's-foot Crane's-bill

Meadow Crane's-bill

Herb Robert

**Gentianaceae***Blackstonia perfoliata**Centaurium erythraea***Gentian Family**

Yellow-wort

Common Centaury

**Hypericaceae***Hypericum perforatum***St John's-wort Family**

Perforate St John's-wort

**PLANTS - a substantial selection of the interesting species recorded****Latin name****Common name****Lamiaceae****Dead-nettle Family***Ballota nigra*

Black Horehound

*Glechoma hederacea*

Ground-ivy

*Origanum vulgare*

Wild Marjoram

*Prunella vulgaris*

Selfheal

*Scutellaria major*

Skullcap

*Stachys sylvatica*

Hedge Woundwort

*Teucrium scorodonia*

Wood Sage

*Thymus drucei*

Wild Thyme

**Linaceae****Flax Family***Linum catharticum*

Fairy Flax

**Lythraceae****Purple-loosestrife Family***Lythrum salicaria*

Purple-loosestrife

**Malvaceae****Mallow Family***Malva moschata*

Musk Mallow

*Malva sylvestris*

Common Mallow

**Nymphaeaceae****Water-lily Family***Nuphar lutea*

Yellow Water-lily

*Nymphaea alba*

White Water-lily

**Oleaceae****Olive Family***Fraxinus excelsior*

Common Ash

*Ligustrum vulgare*

Wild Privet

**Onagraceae****Willowherb Family***Circaea lutetiana*

Enchanter's Nightshade

*Epilobium hirsutum*

Great Willowherb

*Oenothera stricta*

Fragrant Evening Primrose

**Orobanchaceae****Broomrape Family***Euphrasia nemorosa*

Common Eye-bright

*Orobancha hederaceae*

Ivy Broomrape

*Rhinanthus minor*

Yellow-rattle

**Papaveraceae****Poppy Family***Papaver rhoeas*

Common Poppy

**Plantaginaceae****Plantain Family***Plantago coronopus*

Buck's-horn Plantain

*Plantago major*

Greater Plantain

**PLANTS - a substantial selection of the interesting species recorded****Latin name***Plantago maritima**Plantago media***Common name**

Sea Plantain

Hoary Plantain

**Polygonaceae***Polygonum amphibium**Rumex acetosa**Rumex hydrolapathum***Dock Family**

Amphibious Bistort

Common Sorrel

Water Dock

**Primulaceae***Lysimachia arvensis***Primrose Family**

Scarlet Pimpernel

**Ranunculaceae***Clematis vitalba**Ranunculus sardous***Buttercup Family**

Old Man's Beard

Hairy Buttercup

**Rosaceae***Agrimonia eupatoria**Filipendula ulmaria**Geum urbanum**Potentilla erecta**Poterium sanguisorba**Rubus fruticosus* agg.*Rubus idaeus***Rose Family**

Agrimony

Meadowsweet

Herb Bennet

Tormentil

Salad Burnet

Bramble

Wild Raspberry

**Rubiaceae***Galium album**Galium aparine**Galium palustre**Galium verum***Bedstraw Family**

Hedge Bedstraw

Cleavers

Marsh bedstraw

Lady's Bedstraw

**Sapindaceae***Acer campestre**Acer pseudoplatanus***Maple Family**

Field Maple

Sycamore

**Scrophulariaceae***Scrophularia auriculata**Scrophularia nodosa***Figwort Family**

Water Figwort

Common Figwort

**Solanaceae***Lycium barbarum**Solanum dulcamara***Nightshade Family**

Duke-of-Argyll's Tea-tree

Bittersweet

**Urticaceae***Urtica dioica***Nettle Family**

Common Nettle

**PLANTS - a substantial selection of the interesting species recorded****Latin name****Common name****Valerianaceae****Valerian Family***Centranthus ruber*

Red Valerian

*Valeriana officinalis*

Common Valerian

**Veronicaceae****Speedwell Family***Digitalis purpurea*

Foxglove

*Linaria vulgaris*

Common Toadflax

**MONOCOTYLEDONS****Amaryllidaceae****Daffodil Family***Allium vineale*

Crow Garlic

**Araceae****Lords-and-Ladies Family***Arum maculatum*

Lords-and-Ladies

**Butomaceae****Flowering-rush Family***Butomus umbellatus*

Flowering-rush

**Cyperaceae****Sedge Family***Bolboschoenus maritimus*

Sea Club-rush

*Carex arenaria*

Sand Sedge

*Carex paniculata*

Greater Tussock Sedge

*Carex pendula*

Pendulous Sedge

*Carex riparia*

Greater Pond Sedge

*Carex sylvatica*

Wood Sedge

*Schoenoplectus tabernaemontani*

Glaucous Bulrush

**Dioscoreaceae****Yam Family***Tamus communis*

Black Bryony

**Iridaceae****Iris Family***Iris pseudacorus*

Yellow Flag

**Juncaceae****Rush Family***Juncus effusus*

Soft-rush

*Juncus inflexus*

Hard Rush

**Orchidaceae****Orchid Family***Anacamptis pyramidalis*

Pyramidal Orchid

*Dactylorhiza praetermissa*

Southern Marsh-orchid

*Dactylorhiza fuchsii*

Common Spotted-orchid

and hybrids between the above two

**PLANTS - a substantial selection of the interesting species recorded****Latin name***Gymnadenia densiflora***Common name**

Marsh Fragrant-orchid

**Poaceae***Ammophila arenaria**Anthoxanthum odoratum**Arrhenatherum elatius**Briza media**Dactylis glomerata**Deschampsia cespitosa**Elytrigia atherica**Holcus lanatus**Leymus arenarius**Phragmites australis***Grass Family**

Marram

Sweet Vernal-grass

False Oat-grass

Quaking Grass

Cock's-foot

Tufted Hair-grass

Sea Couch

Yorkshire-fog

Lyme-grass

Common Reed

**Typhaceae***Sparganium erectum**Typha angustifolia**Typha latifolia***Bulrush Family**

Branched Bur-reed

Lesser Reedmace

Greater Reedmace

**FUNGI***Ustilago violacea*

Anther-smut