

Butterflies in Normandy

Naturetrek Tour Report

6th – 10th July 2022



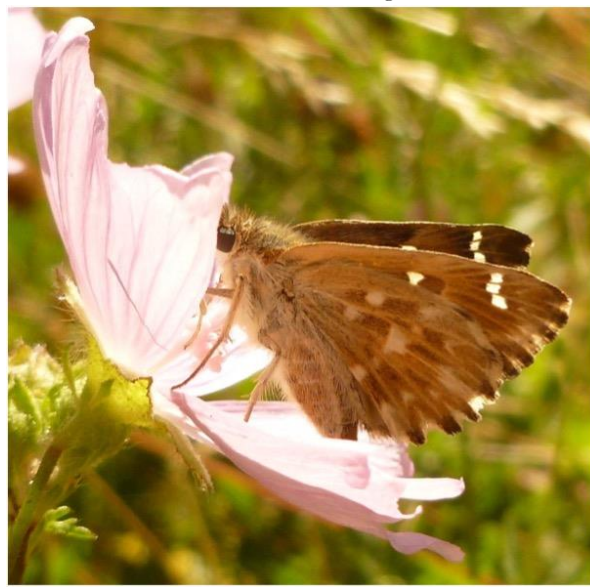
Large Chequered Skipper



Berger's Clouded Yellow



Ilex Hairstreak



Mallow Skipper

Tour report by John Davis



Naturetrek

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Tour participants: John Davis (leader) with six Naturetrek clients

Summary

We encountered 46 species of butterfly on the tour's excellent sites, including Large Chequered Skipper, Ilex Hairstreak, Lesser Purple Emperor, Weaver's Fritillary, Mazarine Blue, Silver-studded Blue, Wood White, Berger's Clouded Yellow and Provençal short-tailed Blue. A record of Southern Small White adds evidence of the species' recent westwards colonisation in Normandy. A White-letter Hairstreak sighting is possibly the first of this species on these tours. Eastern and Faust's Burnet moths were also highlights.

The flora we found included Lizard Orchid, Round-leaved Fluellen, Mountain Germander, Wall Germander, Branched St Bernard's Lily, Vincetoxicum, Sickle-leaved Hare's-ear and Dwarf Sedge.

Day 1

Wednesday 6th July

Departure

Gathering at Poole Ferry terminal at 7:00, embarkation was prompt and the ferry departed on time.

Spending most of the comfortable crossing on deck, we enjoyed the views down over Brownsea Lagoon and the entrance to Poole Harbour. In this key spot for waterbirds and seabirds, we noted Little Egrets, Sandwich and Common Terns, Great Black-backed Gulls, Cormorants and an Oystercatcher. Keenly anticipating possible views of the Ospreys and White-tailed Eagles now in locality we also checked for Mediterranean Gulls. With the ferry sliding slowly but steadily along, there never seems time to take it all in and we were soon passing the chain-link ferry and Studland point and a couple of Little Terns that were returning into the harbour.

The channel crossing was uneventful with fewer seabirds than hoped for. Passing cargo vessels probably occupied our attention more than the occasional Black-headed gulls and solitary Guillemot and Gannet. Arrival and disembarkation was straightforward but provided some unwelcome eventfulness when the French border police failed to return all of our passports when they waved us through the security gate! Thankfully we were promptly able to recover the missing one and get 'en route' with minimal delay.

The fine weather made our passage through the Cotentin peninsula on clear roads enjoyable, with just a passing glimpse of a White Stork to report, and we soon arrived in the little village of Les Trevieres. Here the small 'Les Monts' lane provided a very pleasant stroll along the foot of the low chalk escarpment. It faces southwards over an area typical of Normandy - levels with ditches and thick hedgerows lining a mixture of arable and pasture fields.

A short distance along is a stretch of un-managed, slightly scrubby chalk grassland that provided us with our first appreciation of the local wildlife delights. Along with a complement of skippers (Dingy, Large, Essex, Small and Lulworth) we soon saw ten species including Swallowtail, Wall Brown and Marbled White. A fine Crepuscular (or Eastern) Burnet was found along with a resting (unusual sight!) Hummingbird Hawk-moth.

Girl Bunting and Lesser Whitethroat were notable amongst the calling farmland birds along the lane.

Our first evening meal was actually at our hotel's parent establishment, a short distance away in Arromanches. As well as the lively restaurant atmosphere, we enjoyed seeing the famous concrete caissons of the D-Day Mulberry Harbour off the town's beach. Throughout our tour, we encountered many memorials, museums and other reminders of the time that the ending of WW2 was begun.

Day 2

Thursday 7th July

Coteau de Mesnil Soleil Reserve – Les Monts D'Eraines

Pre-breakfast walk weather conditions were not ideal - slightly cool with the cloud cover and breeze, but we ventured out only to find that the usual access paths to the coastal slope habitats were blocked off for safety reasons after recent slumping of the soft cliffs and erosion of parts of the sea wall. Following the example of local fishermen, we squeezed past fencing to access the promenade path from where we could view the lower slope in safety, but mainly had to content ourselves with a look at the flora and a few listless gulls. Amongst the robust grasses dominating the foot of the slope (Sea Couch, Lyme Grass) we found interest with Yellow-wort and other familiar plants of calcareous clay conditions.

After breakfast, a 45 minute drive through Normandy countryside lanes and fast open and empty roads, brought us to this important reserve just west of Falaise. This famous historical town being the birth-place of William the Conqueror and later the location of decisive strategic offensives and successes for the Allies during the Battle for Normandy in WW2.

The overcast but bright and warm conditions in the morning, suited well our visit to this quite steep and exposed chalk escarpment which flanks a small hill-top aerodrome that was significant to the Canadian forces' role during the battles around Falaise.

The slightly breezy and dull conditions in the morning were to our advantage, keeping the butterflies less mobile than they would have been in full sun. The wooded margins and blocks of scrub around the grassland slopes creating shelter and varying the habitats, we enjoyed a very pleasant time exploring the northern end of the reserve. Berger's Clouded Yellows were numerous and, at the time, we thought they were the practically indistinguishable Pale Clouded Yellow. This site is typical habitat for the former and a well-known stronghold.

Weaver's (aka Violet) Fritillaries were soon located, there were plenty of Wall Browns and Gatekeepers were frequent. Checking closely the Small Whites, Ivor photographed the Southern species – *Pieris mannii* which has recently moved west into Normandy. Closely attending to the 'blues' kept us busy, with Common Blue, Brown Argus and a worn Adonis Blue the concluding tally.

After a delicious picnic lunch under shading trees amongst the aerodrome buildings, we returned to the lower parts of the reserve after a cautionary lecture from the stockman who was checking the grazing animals and warned of possible unexploded ordnance. This is of course a reality for the whole region, but we took care to follow the clearly way-marked path (the 'swept' corridor) and well-used paths. We were treated to the earnest callings of a Quail hidden close-by in the lower field edge. Yellowhammers, Linnets and Chaffinches were typical for the farmland setting and one of our group spotted a Honey Buzzard (common Buzzards were to be seen over wide areas as we drove around). On the lower slope, we encountered a few Faust's Burnet moths one of the

highlight species of the site. The shiny longhorn *Nemophora metallica* and Dwarf Cream Wave were amongst the other moths noted and photographed by Chris. Later in trip, the very similar Isle of Wight Wave was also determined from a photo. The surprising Blue-winged grasshoppers *Oedipoda caerulea* were also seen.

The rich flora of this 25-hectare nature reserve, for which it was designated under French legislation in 1981, was very much in evidence. In the upper field, previously in cultivation, notable arable 'weeds' are usually seen and in the developing sward we found Round-leaved Fluellen locally abundant. Musk Mallow and Wild Basil also caught our eye, along with Lady's Bedstraw and Horseshoe vetch. A flock of Mistle Thrushes was working through this field – presumably more than one family group.

In the long-established grassland on the slopes, more floral delights appeared as we progressed down and round: Lizard Orchids, Broad-leaved Helleborine (thanks Clare & Nina for correct ID), Sickle-leaved Hare's-ear, Round-headed Rampion, Mountain Germander, Wall Germander, Small Quaking-grass, Cypress Spurge, Small Scabious, Spiny and Common Restharrow, Broomrapes (parasitizing the Horseshoe vetches it seemed) and Common Globe Flower - possibly an invasive here.

We puzzled over the variation in the Selfheals - some having slightly larger white flowers but not clearly being the Cut-leaved Selfheal. When found, the Large-flowered Selfheal was very obvious, so perhaps there's some of the complicated hybridising that occurs amongst these closely related species.

The showy Branched St Bernard's Lily was far more abundant than expected –swathing parts of the site in a white haze. Amongst the open sward (due to harsh dry conditions) there was room for the smaller delights of Fairy Flax, Squinancywort, Eyebright and carpets of Dwarf Sedge in places. Our delicious dinner accompanied by wine and local cider rounded off a satisfyingly full first day.

Day 3

Friday 8th July

Bayeux tapestry & Lessay heathland

Forgoing a pre-breakfast walk to ensure early departure, we arrived promptly in Bayeux and with a short walk amongst the fine imposing buildings reached the Tapestry museum ahead of a large school group. The visit was very rewarding; filling a couple of hours with so much of interest that also sustained much conversation on our drive west to Lessay. Here the shady pines of the parking area provided an ideal picnic spot and another tasty lunch was soon being consumed. Early finds of Ilex Hairstreak, Purple Hairstreak and Small Copper on the nearby lane verges whetted our expectations and we set off along a wide forest ride kept open by annual mowing. There we soon encountered the numerous Silver-studded Blues (well over 100 recorded by end of the afternoon) and the delightful Large Chequered Skippers with their jaunty flight.

We later checked another ride that had previously supported Alcon Blues but drew a blank as had the previous few tours. Careful searching for their larval foodplant – Marsh Gentian also failed to locate any and it's clear that some subtle habitat changes have occurred. Though dry during our visit, the peaty soil surface had recently been wet enough for the local abundances of Oblong-leaved sundew, Deergrass, Brown Beaked-sedge and *Sphagnum* bog-mosses, which all need similar conditions to the gentians. The ubiquitous Cross-leaved Heath is another co-

associate, and a key larval foodplant for the Silver-studded Blues. Our close inspection of the Purple Moor-grass dominated sward also turned up Pale Butterworts in a couple of places.

A prize rarity of the site – Summer Lady's Tresses, was present in good numbers and an impressive sight. Other floral treats included Marsh St-John's-wort, Whorled Caraway, Marsh Bedstraw, Heath Milkwort and Heath Spotted-orchid. Large Marsh Grasshoppers – a rarity in the UK, were frequent on the Purple Moor-grass.

Bayeux provided the only Robin we noted on whole tour (!) and near the end of our searching of the forest rides a few snatches of Nightjar churring were a nice surprise. As on most days Wood Pigeons, Carrion Crows, Magpies, Jays and Starlings were the most seen species whilst driving the countryside, with localised House Sparrows, Chaffinches, House Martins and Barn Swallows. Only a couple of Pheasants were seen the whole trip.

With Swallowtails, Wall Browns, Marbled Whites and Large Skippers amongst the 20+ butterfly species seen, and other insects found by the group members Paul and Chris including Praying Mantis and Poplar Beetle, it was a fine day out. After another tasty cuisine dinner – the traditional Matelote dish (baked fish stew), we enjoyed a stroll along the harbour side and drinks in a neighbouring café.

Day 4

Saturday 9th July

La Forêt de Gouffern

Located along a low ridge to east of Argentan, this extensive (>2000ha) forest complex is largely state owned and officially designated a zone of importance for its biodiversity (a ZNIEFF). Our visit accessed but small parts of it, but showed well how good such large habitat resources can be.

The hot sunny weather provided ideal conditions though it seemed even the butterflies were taking to the shade at times! The access track and wide swathe of grassland under the powerlines presented excellent conditions ranging from bare ground, with damp mud in one location to deep flowery swards and scrub margins.

We were rewarded with an exciting range of species: Wood White, Queen of Spain Fritillary, Silver-washed Fritillary, Map, Mazarine Blue, White Admiral and Provençal Short-tailed Blue were seen by everyone. Barbara and Clare located a Pearly Heath and John saw a Mallow Skipper and Lesser Purple Emperor.

Brown Argus, Small Heath, Common Blue, Purple Hairstreak, Dinky Skipper, Lulworth Skipper and the only Clouded Yellow of the tour were also amongst the 36 species logged. The Provençal Short-tailed Blues were of considerable interest and required close attention to satisfactorily conclude their identification (thanks to keen eyes of Chris and Ivor and their photographs). Previously recorded here on some of the more recent tours (three at this same site in 2017) – we noted perhaps a dozen or more and their feisty territorial sparring at a wet flash across the track. French sources for recent records of this species in the region also mention this behaviour.

Relatively few birds encountered -though Paul picked up a Hobby and heard a Turtle Dove. Chiffchaff, Blackcap, Garden Warbler, Yellowhammer and Spotted Flycatcher were noted and again we had a group of Mistle Thrushes rise from a field. The only Dunnock of the tour was here.

With over an hour's drive to return to our hotel there was actually little noted from the highways – which was lucky as some air-conditioned snoozing seemed to prevail in the back of the minibus!

Day 5

Sunday 10th July

Le Marais du Cap and Vauville dunes

Before breakfast, most of the group joined on the quayside to make our way up past the interesting lighthouse to the golf course and headland where relatively intact WW2 German defence bunker has a memorial and information plaque about the successful but desperate operation by British commandos to liberate the small port and allow the vital fuel pipeline under the channel from Portsmouth (PLUTO) to be established.

The fine weather made for a very pleasurable stroll past the interesting upper Lighthouse, which provides alignment for the entrance to the busy harbour. Grassy swathes and thick scrub by the path up to the local golfcourse and a field of oil-seed rape were a focus for a flock of Linnets, and a pair of Serins made a noisy arrival and impressively acrobatic departure. Playful hirundines and the ever-insistent Yellowhammer's song accompanied our descent to breakfast.

With bags packed and stowed in our trusty minibus, we were soon on our way to the Carentan Marshes – an area of low-lying levels rather like those of Somerset. The canal that links the rivers Vire and Taute was our destination and an easy bank-side walk provided plenty to appreciate. On our way onto the marshes we passed a group of three White Stork nests, a great view with well-grown juveniles.

The grassy verges and ditches along our route didn't yield many butterflies or species we'd not yet encountered but provided great views of about a dozen *Odonata* species including: Emperor Dragonfly, Black-tailed Skimmer, Scarlet Darter and both Small and Large red-eyed Damselflies.

The wetland birds were of course a highlight: – Reed, Sedge and Cetti's Warblers, Cattle, Little and Great Egrets. Yellow Wagtails were busy in the adjoining mown fields, with plenty of Swallows and Swifts overhead. The shade of the Crack Willows lining the track was welcome and the lush canal-bank vegetation included Marsh Mallow, White Bryony and Stinking Iris.

Patience paid off in waiting for a Coypu to re-appear and collect more reeds for its lunch and we heard the Large Marsh Grasshoppers producing their subtle clicking song.

The couple of hours here were rewarding and we pressed on to our last picnic lunch spot near the beach at Vauville having grabbed our provisions in Carentan. After another enjoyable feast, we were met by William Ardley, a senior warden for the Conservatoire du Littoral, the organisation responsible for managing coastal and wetland sites in France.

His 'patch' over the past 30 years after moving here from Plymouth, has included the 600ha of the Vauville dunes reserve – an impressively rich extent of coastal habitats which adjoin an even larger area of coastal heathland and wooded valleys. In the short time we had before heading for our return ferry, we enjoyed views over the lagoon filled with water-birds (Pochard, Teal and Little Grebe etc) and the marvellously rich and colourful dune flora – even in its desiccated state. Amongst dancing flowerheads of Thrift and Sheeps-bit

Scabious were Spiked Speedwell, Sea Holly, mounds of Wild Thyme, Lady's Bedstraw, Kidney Vetch and a haze of the fluffy Hare's-tail Grass heads. Overhead we finally got to hear a Zitting Cisticola in its song-flight.

Blue-winged grasshoppers and a web of Brown-tailed moth larvae were seen along with Small Copper, Common Blue and Gatekeeper – a small indication of the riches here, and at a time when the heat and lack of rain was beginning to show.

Our return passage on the Barfleur ferry was very comfortable, the sea state being about as calm as could be possible. Solitary Gannets were the main sightings – despite every effort and the best visibility.

Its glassy surface on approaching the Dorset coast made for some marvellous views and the sunset over Poole Harbour rather spectacular.



Faust's Burnet



Mallow Skipper

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Species lists

Butterflies

Common name	Scientific name	July 2022				
		1	2	3	4	5
Swallowtail	<i>Papilio machaon</i>	✓	✓	✓	✓	✓
Large White	<i>Pieris brassicae</i>	✓	✓	✓	✓	✓
Small White	<i>Artogeia (Pieris) rapae</i>	✓	✓	✓	✓	✓
Green-veined White	<i>Artogeia (Pieris) napi</i>		1			1
Clouded Yellow*	<i>Colias crocea</i>				1	
Berger's Clouded Yellow	<i>Colias australis</i>		>30			
Brimstone	<i>Gonepteryx rhamni</i>				1	
Wood White	<i>Leptidea sinapis</i>				>10	
Purple Hairstreak*	<i>Quercusia quercus</i>			3	✓	
Ilex Hairstreak	<i>Satyrium ilicis</i>			2		
Small Copper*	<i>Lycaena phlaeas</i>			1		2
Holly Blue	<i>Celastrinas argiolus</i>			2		
Silver-studded Blue	<i>Plebejus argus</i>			>100		
Brown Argus	<i>Aricia agestis</i>		2		✓	
Mazarine Blue*	<i>Cyaniris semiargus</i>				✓	
Adonis Blue*	<i>Lysandra bellargus</i>		2			
Common Blue*	<i>Polyommatus icarus</i>	✓	2	1	✓	✓
White Admiral	<i>Limentis camilla</i>			1	✓	
Lesser Purple Emperor	<i>Apatura ilia</i>				1	
Peacock	<i>Inachis io</i>	✓	2	2	✓	✓
Red Admiral	<i>Vanessa atalanta</i>				✓	✓
Small Tortoiseshell*	<i>Aglais urticae</i>	✓				
Comma	<i>Polygonia c-album</i>			1	✓	✓
Map	<i>Araschnia levana</i>				✓	
Silver-washed Fritillary	<i>Argynnis paphia</i>				>15	
Queen of Spain Fritillary	<i>Issoria lathonia</i>				✓	
Weaver's Fritillary	<i>Clossiana dia</i>		6		✓	
Marbled White	<i>Melanargia galathea</i>	✓	✓	1	✓	
Meadow Brown	<i>Maniola jurtina</i>	✓	✓	3	✓	✓
Ringlet	<i>Aphantopus hyperantus</i>		✓	3	✓	✓
Gatekeeper	<i>Pyronia tithonus</i>	✓	✓	3	✓	✓
Small Heath	<i>Coenonympha pamphilus</i>		✓		✓	
Pearly Heath*	<i>Coenonympha arcania</i>				1	
Speckled Wood*	<i>Pararge aegeria</i>	✓	✓	✓	✓	✓
Wall Brown	<i>Lasiommata megera</i>	✓	>12	✓	✓	
Mallow Skipper	<i>Carcharodus alceae</i>				1	
Dingy Skipper	<i>Erynnis tages</i>	2			1	
Large Chequered Skipper	<i>Heteropterus morpheus</i>			>20		
Essex Skipper	<i>Thymelicus lineola</i>	✓			✓	
Small Skipper	<i>Thymelicus sylvestris (flavus)</i>	✓			✓	✓
Large Skipper	<i>Ochlodes venatus</i>	✓		10	✓	

Common name	Scientific name	July 2022				
		1	2	3	4	5
Lulworth Skipper	<i>Thymelicus acteon</i>	✓			✓	
Southern Small White	<i>Pieris mannii</i>		✓			
White Letter Hairstreak	<i>Satyrium w-album</i>				1	
Provençal Short-tailed Blue	<i>Cupido alcetas</i>				>12	

Moths & Dragonflies (L = larva)

Common name		July 2022				
		1	2	3	4	5
Moths						
6-spot Burnet					✓	✓
Faust's Burnet			4			
Crepuscular Burnet		✓			✓	
Burnet companion				✓	✓	
Scarlet Tiger					✓	
Hummingbird Hawkmoth		✓	✓	✓	✓	
Emperor Moth						✓
Latticed Heath					✓	
Brown tail						L
Dwarf cream wave			✓			
Pine Processionary				L		
Knot Grass		L				
Brassy Lon-horn	<i>Nemophora metallica</i>		✓		✓	
Dragonflies						
Emperor Dragonfly				✓	✓	✓
Black-tailed Skimmer						✓
Blue-tailed Damselfly						✓
Broad-bodied Chaser				✓	✓	✓
Dainty Damselfly						✓
Banded Demoiselle		✓			✓	✓
Golden ringed					✓	
Small red-eyed damselfly						✓
Large red-eyed damselfly						✓
Scarlet Darter						✓

Cricket, Grasshoppers & other invertebrates

Common name		July 2022				
		1	2	3	4	5
Great Green Bush-cricket					✓	
Roesel's Bush-cricket			✓			
Blue-winged Grasshopper			✓			✓
Large Marsh Grasshopper				✓		✓

Praying mantis				✓		
Poplar beetle				✓		
Rose chafer					✓	

Vertebrates

		July 2022				
Mammals		1	2	3	4	5
Rabbit		✓	✓			
Roe Deer					✓	✓
Copyu						✓
Shrew sp					✓ Dead	
Amphibians						
Marsh frog						✓

Birds (H = Heard only)

		July 2022				
Common name	Scientific name	1	2	3	4	5
Fulmar	<i>Fulmaris glacialis</i>					
Gannet	<i>Morus bassanus</i>	✓				✓
Cormorant	<i>Phalacrocorax carbo</i>	✓				✓
Little Grebe	<i>Tachybaptus ruficollis</i>					✓
Shag	<i>Phalacrocorax aristotelis</i>					
Little Egret	<i>Egretta garzetta</i>	✓	✓			✓
Cattle Egret	<i>Bubulcus ibis</i>					✓
Great Egret	<i>Egretta alba</i>					✓
Grey Heron	<i>Ardea cinerea</i>					✓
Shelduck	<i>Tadorna tadorna</i>	✓				
Mallard	<i>Anas platyrhynchos</i>					✓
Pochard	<i>Anas platyrhynchos</i>					✓
Common Buzzard	<i>Buteo buteo</i>	✓	✓	✓	✓	✓
Honey Buzzard	<i>Pernis apivorus</i>		✓			
Common Kestrel	<i>Falco tinnunculus</i>	✓	✓	✓		✓
Hobby	<i>Falco subbuteo</i>				✓	
Pheasant	<i>Phasianus colchicus</i>		✓			✓
Quail	<i>Coturnix coturnix</i>		1H			
Moorhen	<i>Gallinula chloropus</i>			✓		✓

Common name	Scientific name	July 2022				
		1	2	3	4	5
Oystercatcher	<i>Haematopus ostralegus</i>	✓				
Lapwing	<i>Vanellus vanellus</i>					✓
Black-headed Gull	<i>Larus ridibundus</i>	✓	✓	✓	✓	✓
Mediterranean Gull	<i>Larus melanocephalus</i>	✓			✓	✓
Herring Gull	<i>Larus cachinnans</i>	✓	✓	✓	✓	✓
Great Black-backed Gull	<i>Larus marinus</i>	✓	✓			✓
Lesser Black-backed Gull	<i>Larus fuscus</i>	✓	✓			
Common Tern	<i>Sterna hirundo</i>	✓				
Sandwich tern	<i>Sterna sandvicensis</i>	✓				
Little Tern	<i>Sterna albifrons</i>	✓				
Guillemot	<i>Uria aalge</i>	✓				
Wood Pigeon	<i>Columba palumbus</i>	✓	✓	✓	✓	✓
Feral Pigeon	<i>Columba livia domestica</i>			✓		✓
Turtle Dove	<i>Streptopelia turtur</i>				1H	
Collared Dove	<i>Streptopelia decaocto</i>	✓	✓	✓	✓	✓
Swift	<i>Apus apus</i>	✓	✓	✓	✓	✓
Green Woodpecker	<i>Picus viridis</i>	H	H		✓	
Nightjar	<i>Caprimulgus europaeus</i>			✓		
Skylark	<i>Alauda arvensis</i>		✓			✓
Swallow	<i>Hirundo rustica</i>	✓	✓	✓	✓	✓
House Martin	<i>Delichon urbica</i>	✓	✓	✓	✓	✓
White Wagtail	<i>Motacilla alba</i>		✓	✓		✓
Yellow (Blue-headed) Wagtail	<i>Motacilla flava (flava)</i>					✓
Wren	<i>Troglodytes troglodytes</i>					✓
Dunnock	<i>Prunella modularis</i>				✓	
Robin	<i>Erithacus rubecula</i>			✓		
Mistle Thrush	<i>Turdus viscivorus</i>		✓		✓	
Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓	✓
Cetti's Warbler	<i>Cettia cetti</i>					✓
Blackcap	<i>Sylvia atricapilla</i>				✓	✓
Garden Warbler	<i>Sylvia borin</i>				✓	
Lesser Whitethroat	<i>Sylvia curruca</i>	✓				
Sedge Warbler	<i>Acrocephalus schoenobaenus</i>					✓
Reed Warbler	<i>Acrocephalus scirpaceus</i>					✓
Fan-tailed Warbler	<i>Cisticola juncidis</i>					✓
Willow Warbler	<i>Phylloscopus trochilus</i>				✓	
Chiffchaff	<i>Phylloscopus collybita</i>	✓	✓		✓	✓
Spotted Flycatcher	<i>Muscicapa striata</i>				✓	
Blue Tit	<i>Parus caeruleus</i>			✓	✓	✓
Great Tit	<i>Parus major</i>		✓		✓	✓
Jay	<i>Garrulus glandarius</i>		✓	✓	✓	

Common name	Scientific name	July 2022				
		1	2	3	4	5
Magpie	<i>Pica pica</i>		✓	✓	✓	✓
Jackdaw	<i>Corvus monedula</i>			✓		✓
Carrion Crow	<i>Corvus corone</i>	✓	✓	✓	✓	✓
Rook	<i>Corvus frugilegus</i>				✓	
Starling	<i>Sturnus vulgaris</i>	✓	✓	✓	✓	✓
House Sparrow	<i>Passer domesticus</i>	✓	✓	✓	✓	✓
Chaffinch	<i>Fringilla coelebs</i>	✓	✓	✓	✓	✓
Serin	<i>Serinus serinus</i>					✓
Goldfinch	<i>Carduelis carduelis</i>					✓
Linnet	<i>Acanthis cannabina</i>	✓	✓			✓
Yellowhammer	<i>Emberiza citrinella</i>		✓		✓	✓
Cirl Bunting	<i>Emberiza cirlus</i>	✓				
Reed Bunting	<i>Emberiza schoeniclus</i>		✓			✓

Flora

Common name	Scientific name	July 2022				
		1	2	3	4	5
Yarrow	<i>Achillea millefolia</i>	✓				
Marsh Mallow	<i>Althaea officinalis</i>					✓
Branched St Bernard's Lily	<i>Anthericum ramosum</i>		✓			
Kidney Vetch	<i>Anthyllus vulneraria</i>	✓	✓			
Thrift	<i>Armeria maritima</i>					✓
Squinancywort	<i>Asperula cynanchica</i>	✓	✓			
Hairy Oat-grass	<i>Avenula pubescens</i>		✓			
Betony	<i>Betonica officinalis</i>	✓	✓		✓	
Yellow-wort	<i>Blackstonia perfoliata</i>	✓	✓			✓
Tor Grass	<i>Brachypodium pinnatum</i>		✓			
Quaking grass	<i>Briza media</i>	✓	✓			✓
Small quaking-grass	<i>Briza minor</i>		✓			
Sickle-leaved Hare's-ear	<i>Buplerum falcatum</i>		✓			
Clustered Bellflower	<i>Campanula glomerata</i>				✓	
Musk Thistle	<i>Carduus nutans</i>	✓	✓			✓
Dwarf Sedge	<i>Carex humilis</i>		✓			
Whorled Caraway	<i>Carum verticillatum</i>			✓		
Black Knapweed	<i>Centaurea nigra</i>	✓	✓	✓	✓	✓
Greater Knapweed	<i>Centaurea scabiosa</i>	✓	✓			
Lesser Centaury	<i>Centaureum pulchellum</i>				✓	

Common name	Scientific name	July 2022				
		1	2	3	4	5
Dwarf Thistle	<i>Cirsium acaule</i>		✓			
Meadow Thistle	<i>Cirsium dissectum</i>			✓		
Woolly Thistle	<i>Cirsium eriophorum</i>	✓	✓		✓	✓
Marsh Thistle	<i>Cirsium palustre</i>			✓	✓	
Wild Basil	<i>Clinopodium vulgare</i>	✓	✓			
Dogwood	<i>Cornus sanguinea</i>	✓	✓		✓	
Hawthorn	<i>Crataegus minor</i>	✓	✓	✓	✓	✓
Heath Spotted-orchid	<i>Dactylorhiza maculate</i>			✓		
Oblong-leaved Sundew	<i>Drosera intermedia</i>			✓		
Broad-leaved Helleborine	<i>Epipactis helleborine</i>		✓			
Bell Heather	<i>Erica cinerea</i>			✓		
Cross-leaved Heath	<i>Erica tetralix</i>			✓		
Sea Holly	<i>Eryngium maritimum</i>					✓
Cyprus Spurge	<i>Euphorbia cyparissias</i>		✓			
Eyebright	<i>Euphrasia agg.</i>	✓	✓			✓
Red Fescue	<i>Festuca rubra</i>	✓	✓			
Ash	<i>Fraxinus excelsior</i>	✓	✓	✓	✓	✓
Marsh Bedstraw	<i>Galium palustre</i>			✓		
Lady's Bedstraw	<i>Galium verum</i>	✓	✓		✓	✓
Dyer's Greenweed	<i>Genista tinctoria</i>				✓	
Common Globe Flower	<i>Globularia punctata</i>		✓			
Common Rock-rose	<i>Helianthemum nummularium</i>	✓	✓			
Lizard Orchid	<i>Himantoglossum hircinum</i>	✓	✓			
Horseshoe-vetch	<i>Hippocrepis comosa</i>	✓	✓			
Marsh St-John's-wort	<i>Hypericum elodes</i>			✓		
Stinking Iris	<i>Iris foetidissima</i>				✓	
Sheeps-bit Scabious	<i>Jasione montana</i>		✓	✓		
Toad Rush	<i>Juncus bufonius</i>			✓		
Round-leaved Fluellen	<i>Kickxia spuria</i>		✓			
Field Scabious	<i>Knautia arvensis</i>	✓	✓		✓	✓
Hare's-tail Grass	<i>Lagurus ovatus</i>		✓			✓
Broad-leaved everlasting pea	<i>Lathyrus latifolia</i>		✓		✓	
Bitter Vetchling	<i>Lathyrus montanus</i>				✓	
Grass Vetchling	<i>Lathyrus nissolia</i>		✓		✓	
Meadow Vetchling	<i>Lathyrus pratensis</i>				✓	
Tuberous Pea	<i>Lathyrus tuberosus</i>				✓	
Ox-eye Daisy	<i>Leucanthemum vulgare</i>	✓	✓		✓	✓
Fairy Flax	<i>Linum catharticum</i>	✓	✓			
Bird's-foot trefoil	<i>Lotus corniculatus</i>	✓	✓	✓	✓	✓
Greater Bird's-foot trefoil	<i>Lotus uliginosus</i>			✓		
Musk Mallow	<i>Malva moschata</i>		✓			
Common Mallow	<i>Malva sylvestris</i>	✓	✓		✓	✓
Annual Mercury	<i>Mercurialis annua</i>		✓			
Purple Moor-grass	<i>Molinia caerulea</i>			✓		

Common name	Scientific name	July 2022				
		1	2	3	4	5
Restharrow	<i>Ononis repens</i>		✓			
Spiny Restharrow	<i>Ononis spinosa</i>					✓
Marjoram	<i>Origanum vulgare</i>	✓	✓		✓	✓
Broomrape	<i>Orobanche sp. ?gracilis or teucii?</i>		✓			
Marsh Lousewort	<i>Pedicularis palustris</i>			✓		
Round-headed Rampion	<i>Phyteuma orbiculare</i>		✓			
Pale Butterwort	<i>Pinguicula lusitanica</i>			✓		
Greater butterfly orchid	<i>Platanthera chlorantha</i>	✓				
Heath Milkwort	<i>Polygala serpyllifolia</i>			✓		
Large-flowered Selfheal	<i>Prunella grandiflora</i>		✓			
Cut-leaved Selfheal	<i>Prunella lacinata</i>		✓			
Self-heal	<i>Prunella vulgaris</i>		✓			
Sessile Oak	<i>Quercus petraea</i>				✓	
Pedunculate Oak	<i>Quercus robur</i>	✓	✓	✓	✓	✓
Buckthorn	<i>Rhamnus catharticus</i>		✓			
Brown Beaked-sedge	<i>Rhynchospora fusca</i>			✓		
Burnet Rose	<i>Rosa pimpinellifolia</i>	✓	✓			✓
Meadow Clary	<i>Salvia pratensis</i>		✓			
Rowan	<i>Sorbus aucuparia</i>			✓		
Whitebeam	<i>Sorbus aria</i>	✓	✓			
Wild Service Tree	<i>Sorbus torminalis</i>				✓	
Summer Lady's Tresses	<i>Spiranthes aestivalis</i>			✓		
Devil's bit Scabious	<i>Succisa pratensis</i>			✓	✓	
Wall Germander	<i>Teucrium chamaedrys</i>		✓			
Mountain Germander	<i>Teucrium montanum</i>		✓			
Wild Thyme	<i>Thymus serpyllum agg.</i>	✓	✓			✓
Deergrass	<i>Trichophorum cespitosum,</i>			✓		
Dwarf Gorse	<i>Ulex minor</i>			✓		
Wych Elm	<i>Ulmus glabra</i>				✓	
Field Elm	<i>Ulmus minor</i>	✓	✓	✓	✓	✓
Vervain	<i>Verbena officinalis</i>				✓	
Spiked Speedwell	<i>Veronica spicata</i>					✓
Wayfaring Tree	<i>Viburnum lantana</i>	✓	✓			
Tufted Vetch	<i>Vicia cracca</i>	✓	✓		✓	