

France - Butterflies of the Pyrenees

Naturetrek Tour Report

5 -12 July 2012



Gavarnie Blue



Alpine Marmot, Ossoue valley



Lac des Gloriettes



Pyrenean Milk Vetch, Ossoue valley

Report and images compiled by Mark Galliot



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Day 1

Thursday 5th July

Cloudy, showers, warm

The flight was slightly late into Toulouse where the group was welcomed by Mark and Julian, our locally based guides. We loaded up and set off on the 2½ hour drive down the auto-route towards the mountains and our hotel at Gèdre. Black Kite, Crag Martin and a flock of Cattle Egrets were the only notable birds seen en-route.

Exiting the motorway, we skirted the pilgrimage town of Lourdes and entered the narrowing gorge of the fast flowing Gave de Gavarnie stream, which tumbles all the way down from the Spanish border. Soon after passing the famous Pont Napoleon Bridge, just upstream of the spa town of Luz St Saver, we reached our destination, where our amiable hosts Odile and Philippe promptly allocated us to our rooms. We then enjoyed the first of many delicious dinners that we were to have during the forthcoming week.

Day 2

Friday 6th July

Sunny periods, cool

It was cool but fine, as we headed up the Heas Valley for our first full day in the field, immediately having an unpleasant surprise when we found that the narrow winding road up to the Barrage des Gloriettes, our intended destination for the day, was blocked. We quickly learnt from a contractor doing resurfacing work that the closure was only for one day, and we could hopefully return later in the week. We then continued up the Heas Valley and emerged from the mist, stopping at the Hôtellerie de Maillet, where we scanned the surrounding cliffs, with Julian's eagle eye immediately spotting a male Izard, the Pyrenean version of the Chamois, happily grazing on a distant slope. Our first raptors also put in an appearance, with Griffon Vulture, Lammergeier and Golden Eagle all soaring overhead.

Continuing upwards to the parking area just below the dramatic Cirque de Troumouse, we stopped again and set off across the springy turf for a short circular walk over to a swift flowing stream where Mark showed us the endemic and elusive Pyrenean Brook Salamander-*Euproctus asper*, a normally nocturnal newt-like creature restricted to this mountain range. There were also many small pools here full of tadpoles and frog-lets of the Pyrenean Frog, at this altitude probably a very short breeding season.

The first good plants of the week were Pyrenean Thistle-*Carduus carlinoides*, Alpine Buttercup-*Ranunculus alpestris*, Pygmy Hawksbeard-*Crepis pygmaea*, Alpine Clover-*Trifolium alpinum* and Alpenrose-*Rhododendron ferrugineum*, with the ubiquitous Small Heath being our first species of butterfly. Returning down the winding road, we took lunch at an area of hillside next to a stream where butterflies are usually numerous. The rising temperatures and sunny periods were now encouraging their emergence with Clouded Yellow, Turquoise, Mazarine, & Silver-studded Blue, Marbled Skipper, Bath White, Painted Lady, Wall & Large Wall and our first high altitude Ringlets namely Piedmont, Bright-eyed and Western Brassy.

Interesting plants seen were Monkshood-*Aconitum nepallus*, both Globe and Round-headed Rampion-*Phyteuma hemisphericum* & *P. orbiculare*, Spring Gentian-*Gentiana verna*, *Gypsophila repens*, Pyrenean Eryngo-*Eryngium bougatii* and the attractive House-leek-*Sempervivum montanum*. Wheatear, Red-backed Shrike, and both Red-billed and Alpine Chough gave us some avian interest.

Returning back down into the valley, we stopped firstly to inspect the little chapel in Héas village with its poignant stained glass windows, which show scenes of the mountain lifestyle and at the same time commemorate those who died in the terrible avalanche of 1915. Here we searched the flowery banks between the road and the stream where many butterflies were resting up in the rather cool conditions. We were successful in locating Black-veined White, Common, Adonis & Large Blue, Lesser Marbled Fritillary and Yellow-spotted Ringlet, the latter the very dark local Pyrenean subspecies *constans*, which bizarrely has no yellow spots.

Day 3

Saturday 7th July

Windy & cold am, hot & sunny pm

We awoke to a clear sunny morning, so as the forecast was good for the day, we decided to make for the Port de Boucharo, high up right on the Spanish border. At 2270m this is the highest point that we could reach by road during our stay, and would give us access to species of plant, bird, and perhaps butterfly that we would probably not have again later in the week. We firstly drove up the valley to Gavarnie, before taking the steep winding road up to the Ski resort area at the Vallée des Espécières, stopping en route at the lodge. Scanning the surrounding area with our binoculars, we located Northern Wheatear, Water Pipit, Linnets and the very obliging and cute Alpine Marmots. Continuing upwards, we parked the mini-bus at the Col de Tentes to walk the final 1½ km to the Port, as the road is closed due to rock falls.

Leaving the car park, there was a very strong southerly and surprisingly cold wind bringing huge banks of cloud through the pass from Spain, unfortunately giving us no chance of seeing butterflies here. As we neared the border though, we did enjoy the views back down towards Gavarnie on one side, and intermittently a more extensive view into Spain and the adjacent Odessa National Park. On the rocks and scree here, many colourful plants were starting to flower after the snow melt with Ashy Crane's-bill-*Geranium cinereum*, more Snow Gentian-*Gentiana nivalis*, Fairy Foxglove-*Erinus alpinus*, Purple Sandwort-*Arenaria purpurascens*, Alpine Moon Daisy-*Leucanthemopsis alpina*, and Alpine Fleabane-*Erigeron annuus* all contributing to the spectacle, while the handsome little white endemic Pyrenean Bedstraw-*Galium pyrenaicum* was particularly noticeable, carpeting many of the rocks.

Returning to the car park, we decided to get back down to warmer climes as quickly as possible, stopping at a spot overlooking the lower Ossoue Valley, which was to be our destination after lunch. Down here the contrast was remarkable, with many butterflies on the wing in the warm sunny conditions, including Swallowtail, Large Tortoiseshell, our first beautiful Apollo's, Queen of Spain & Heath Fritillary, Olive, Grizzled & Safflower Skipper, Mountain & Piedmont Ringlet and Turquoise, Silver-studded, Little and a single Gavarnie Blue. The last mentioned is one of the rarest butterflies in the world, being restricted to this small area of the Pyrenees and another site in Spain. During this week, we had not seen this species for five years, so to "re-find" it again in a new site was a real added bonus.

Continuing down further, we then spent the rest of the afternoon in an area of flowery grassland and scrub next to a stream running through St Savin's Wood, located beneath towering limestone cliffs. Before walking down into the meadows though, we were somewhat distracted by the presence of three magnificent Lammergeiers quartering the cliffs, closely followed by a pair of Short-toed Eagles, Red Kite, Peregrine Falcon, a male Red-backed Shrike and Yellowhammer. This place though is primarily such a wonderful site for studying butterflies, with probably the largest concentration of species we were to see all week. Starting to identify them as we descended to the stream we saw amongst others Lesser Marbled, Heath, Dark Green and False Heath Fritillary, more Apollo, Berger's Clouded Yellow, Escher's, Silver-studded, Mazarine, Little & Chalk-hill Blue, Brown Argus, Red-underwing, Tufted Marbled, Lulworth, Essex, and Large Grizzled Skippers, Marbled White and Rock Grayling.

Day 4

Sunday 8th July

Mist clearing am, sunny and warm pm

After having been thwarted by the road closure on the first day, this morning we returned to see if the road up to the Lac des Gloriettes had re-opened. We were in luck, and parked in thick mist next to the impressive barrage (dam), which holds back the Gave d'Estaubert to form a substantial stretch of water, with lovely views (in the afternoon after the mist cleared) up the valley towards the Cirque itself high up on the Spanish border to the south. We started by inspecting the rocky area either side of the road which at this time of the year is a riot of colour from the numerous plants that grow here. Scottish Asphodel-*Tofieldia calyculata*, Alpine Toadflax-*Linaria alpina*, Arnica-*Arnica montana*, the alpine roses-*Rosa glauca*, *R. pendulina*, & *R. villosa*, Field Gentian-*Gentianella campestris*, Aconite-leaved Buttercup-*Ranunculus aconitifolius*, were just some of them, while Orchid lovers had Greater & Lesser Butterfly, Fragrant, Heath Spotted, Common Spotted, Broad-leaved Marsh, Small White and the diminutive finely scented Vanilla Orchid to admire.

After eating our picnic lunch in the vicinity of the parking area, and with the mist at last clearing for a hot afternoon to come, we then set off across the barrier and skirted the reservoir. The now warm conditions of course heralded the appearance of many butterflies with Black-veined White, Clouded Yellow, Apollo, Brown Argus, Common, Turquoise & Escher's Blue, Piedmont & Bright-eyed Ringlets, Pearly & Small Heath, Small & Large Skippers, and Spotted Fritillary all being particularly numerous. Other rarer species included Clouded Apollo, Sooty, Purple-edged & Purple-shot Copper and Large Ringlet, the latter being easily identified by the diagnostic white chequered fringes to the wings. We could also now scan for birds with Golden Eagle, Tree Pipit, Rock Thrush, Black Redstart, Linnet and a pair of Ravens seen.

More good plants found were Snow Gentian-*Gentiana nivalis*, Pyrenean Honeysuckle-*Lonicera pyrenaica*, Alchemilla-leaved Cinquefoil-*Potentilla alchemilloides*, Giant Butterwort-*Pinguicula grandiflora*, Bloody Crane's-bill-*Geranium sanguineum* and Grass of Parnassus-*Parnassia palustris*. Reluctantly, we then made our way back down the winding valley road to the hotel to freshen ourselves up before dinner, after yet another very successful day.

Day 5

Monday 9th July

Sunny and hot

The overnight mist was already clearing when we left the hotel and headed up the main valley to Gavarnie and its famous Cirque, parking next to the river full of the cold melt water from the still quite sizeable snow fields high up on the mountain ridges. As we crossed the small bridge and left the village into the native Mountain Pine woodland we noted our first plants with Horned Pansy-*Viola cornuta*, Wolf's-bane-*Aconitum vulpina*, Alpine Marsh Orchid-*Dactylorhiza majalis* ssp *alpestris*, Irish Spurge-*Euphorbia hyberna* and Pyrenean Hogweed-*Heracleum pyrenaicum* all being observed. Crested & Coal Tit, Goldcrest and Firecrest were also either seen or heard.

It was warming up earlier today, so we were already able to start identifying butterflies with Small & Green-veined White, Orange Tip, Large Wall Brown, Pearl-bordered & Small PB Fritillaries and various Ringlets all on the wing. As we climbed ever higher, the full grandeur of this special place was gradually unfolding before us until just as we neared the "hostellerie" the whole panorama of the cirque was visible, a truly magnificent sight..

Lunch was now calling, so we continued along the path across the stream and into the huge bowl itself, spreading our picnic out on a large boulder with a backdrop of the "grand cascade" (reputedly the highest waterfall in Europe), and the vast bulk of the rest of the cirque stretching away either side of it. Here amongst the rocks there was a good assemblage of interesting plants with Livelong Saxifrage-*Saxifraga paniculata*, Edelweiss-*Leontopodium alpinum*, Frog Orchid-*Coeloglossum viride*, more blooms of Ashy Crane's-bill and the remarkable Ramonda-*ramonda myconi*

The rest of the afternoon was spent walking a different route back down to Gavarnie via a track which traverses the cliffs, before descending via a dramatic (but safe) zigzag path, all the time giving fabulous views over the Gave Valley. More good plants were found including the St John's-wort-*Hypericum nummularium*, Pyrenean Columbine-*Aquilegia pyrenaica*, Dark Red Helleborine-*Epipactis atrorubens*, and growing directly on the damp cliffs the magnificent Long-leaved Butterwort-*Pinguicula longifolia*. In the more open areas many more butterflies were seen including Wood White, Black-veined White, Sooty & Purple-edged Copper, Dark Green, Lesser Marbled & Queen of Spain Fritillary and various Blues, while new to the list were Comma, Chequered & Dingy Skipper, Meadow & Niobe Fritillary, Peacock and Small Tortoiseshell, the latter two as larvae on nettles.

Day 6

Tuesday 10th July

Sunny and warm, then cloudier & windy

Another fine sunny morning dawned, as we again took the road up the valley to Gavarnie before turning off right into the lower Ossoue Valley, passing the previous good site on the left and stopping on the right just past the towering cliffs.

Here we crossed the fast flowing stream by a small bridge into more flowery meadows where many attractive plants were in bloom, including Fringed & Maiden Pink-*Dianthus monspessulanus* & *D. deltoides*, Pyrenean Germander-*Teucrium pyrenaicum*, St Bernard's Lily-*Anthericum liliago*, Pyramidal Orchid-*Anacamptis pyramidalis*, Yellow Woundwort-*Stachys recta* and the lovely blue English Iris-*Iris latifolia*. Butterflies were again early today with Lesser Marbled, Heath, False Heath, & Meadow Fritillary, Swallowtail, Apollo, Berger's & Clouded Yellow, Marbled & Large Grizzled Skipper, Silver-studded and for comparison the similar Idas Blue, and Scarce Copper, the male of the latter a superb shocking orange and the first of the week. Whilst enjoying the nature on the ground, the usual raptors were soaring over the cliffs, namely Lammergeier, Short-toed & Golden Eagle.

We then continued up the valley to park near a site where Mark had seen Wallcreeper on two previous occasions, but there was no sign today, only a rather surprising Cuckoo, which was obviously already on migration, although we did add Green Hairstreak to the list and the botanists admired some nice tall yellow Gentians-*Gentiana burseri* and Welsh Poppy-*Meconopsis cambrica*.

After a picnic lunch amongst the rocks, we then drove up the very bumpy and stony track to the head of valley, where a small barrage creates a shallow lake. Setting off to walk for the far side, it was very apparent that the fine weather was finally changing with a strong wind bringing the clouds scudding over the mountains. This obviously kept the insects down in the turf, with only Western Brassy & Mountain Ringlet, and various Skippers braving the conditions, but we did have some superb views of a family of Alpine Marmots, Rock Thrush, another male Red-backed Shrike, yet another Cuckoo and a male Yellowhammer. We then made our way back down the valley, stopping briefly at two locations, but not adding anything significant to the list.

Day 7

Wednesday 11th July

Showers, cool

We awoke to find the ground damp from overnight rain, so with the weather forecast rather gloomy, decided to head down the valley, where the lower altitude and consequently different habitat would enable us to hopefully find some species not yet seen during our stay higher up in the mountains. As we drove through Luz St Saveur and into the narrow gorge beyond, the clouds closed in and by the time we reached the lower slopes of Hautacam a very thick heavy drizzle made us re-think and turn around to descend and park next to the Lac de Gave, another man-made lake formed by damming the river.

While we waited for the temperature to rise, it was a good opportunity to scan for birds and we were not to be disappointed with Black & Red Kite, Griffon & a pair of Egyptian Vultures, Booted Eagle, Hobby and Sand Martin overhead, while the stony lakeside held Little Ringed Plover, Common & Green Sandpiper, Kingfisher and Dipper. Brook Thistle-*Cirsium rivulare*, Black Poplar-*Populus nigra*, Spotted Dead-nettle-*Lamium maculatum* and Purple Loosestrife-*Lythrum salicaria* were also found growing here.

After our picnic lunch it was time to start identifying butterflies with Speckled Wood, Common Ringlet, Short-tailed Blue, Red Admiral and a lovely Map all new species for the week. We then drove back up the valley to a roadside site near the small village of Saligos, where we had another good haul of new butterflies, with Holly & Long-tailed Blue, more Common Ringlets and Weaver's Fritillary.

The road being on a hillside overlooked Ash and Pyrenean Oak-*Quercus pyrenaica* woodland, which also gave us the chance to observe many Purple Hairstreaks at unusually close quarters, generally the only view of them being a fleeting glance of one in the top of a tree, but of course here we were on the same level as them. As the weather had now improved, we decided to return up the valley and past the hotel up onto the Plateau de Saugue, but as soon as we had arrived thick and rather cold fog swept in from above, rather cutting short our exploration. One observant member of the group though, did find a Provencal Fritillary, but unfortunately it was in a spider's web and long dead!

Day 8

Thursday 12th July

Mist clearing, sunny & hot

It was misty, but with the promise of a warm sunny day, as we reluctantly bade our farewell to the hotel staff and made our way down the valley for our journey to Toulouse airport to catch our afternoon flight back to the UK. At Luz St Saveur we stopped to purchase our sandwich lunch, before steadily climbing above the mist to the impressive Col de Tourmalet, following the route that the Tour de France would take the following Wednesday. We parked just over the summit, immediately spotting a family of Snowfinches, which are often seen scavenging for picnic crumbs here, while other birds seen were Booted Eagle and Griffon Vulture. The warm morning sun meant that there were also a few butterflies including Marbled Skipper, & Piedmont, Mountain and Pyrenees Brassy Ringlets, the latter, the first of the week and recently separated as a Pyrenean endemic.

Continuing down the valley, and then up over the Col d'Aspin, we stopped for our lunch in a roadside lay-by next to a scrubby area which normally holds many butterflies, and once again we were not to be disappointed, and along with species already seen we added Gatekeeper, Great Banded Grayling, Silver-washed, High Brown & Marbled Fritillary, Mallow Skipper, Southern White Admiral and inexplicably our only Large Whites of the week to the now impressive list.

An uneventful journey down the auto-route then brought us to the airport with plenty of time to spare, where the usual farewells were exchanged.

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Species List

Butterflies (✓ = recorded but not counted; c = approximately; H = heard only)

	Common name	Scientific name	July							
			5	6	7	8	9	10	11	12
1	Swallowtail	<i>Papilio machaon</i>			c6			1		
2	Apollo	<i>Parnassius apollo</i>			c6	c6		c12		
3	Clouded Apollo	<i>Parnassius mnemosyne</i>				3				
4	Wood White	<i>Leptidea sinapis</i>			1		c5		2	1
5	Black-veined White	<i>Aporia crataegi</i>		2	c12	c12	c12	c6		2
6	Large White	<i>Pieris brassicae</i>								✓
7	Small White	<i>Pieris rapae</i>			✓		✓	✓	✓	✓
8	Green-veined White	<i>Pieris napi</i>					1		1	2
9	Bath White	<i>Pontia daplidice</i>		1						
10	Orange Tip	<i>Anthocharis cardamines</i>					1			
11	Clouded Yellow	<i>Colias crocea</i>		3	c6	c6	2	c6	2	2
12	Berger's Clouded Yellow	<i>Colias alfacariensis</i>			c6			2		
13	Purple Hairstreak	<i>Neozephyrus quercus</i>							c6	
14	Green Hairstreak	<i>Callophrys rubi</i>						1		
15	Sooty Copper	<i>Lycaena tityrus</i>					2	1		
16	Purple-shot Copper	<i>Lycaena alciphron</i>				1		1		
17	Scarce Copper	<i>Lycaena virgaureae</i>						c6		
18	Purple-edged Copper	<i>Lycaena hippothoe</i>			1	1	1	4		
19	Long-tailed Blue	<i>Lampides boeticus</i>							1	
20	Short-tailed Blue	<i>Everes argiades</i>							1	
21	Holly Blue	<i>Celastrina argiolus</i>							2	1
22	Little Blue	<i>Cupido minimus</i>			2	c4	1	c6	1	
23	Large Blue	<i>Maculinea arion</i>		2						
24	Mazarine Blue	<i>Cyaniris semiargus</i>		2	c6	1	2	c6	1	
25	Turquoise Blue	<i>Polyommatus dorylas</i>		2	c12	c12	c6	c6		
26	Escher's Blue	<i>Polyommatus escheri</i>		2	c6	2	c6			
27	Common Blue	<i>Polyommatus icarus</i>		✓	✓	✓				
28	Chalk-hill Blue	<i>Lysandra coridon</i>			3	2	2			
29	Adonis Blue	<i>Lysandra bellargus</i>		1	4		2			
30	Gavarnie Blue	<i>Agriades pyrenaicus</i>			1					
31	Brown Argus	<i>Aricia agestis</i>		✓	✓	✓	✓		✓	✓
32	Silver-studded Blue	<i>Plebejus argus</i>		c12	c12	c12	c12	c20	2	
33	Idas Blue	<i>Plebejus idas</i>						2		
34	Speckled Wood	<i>Pararge aegeria</i>							3	2
35	Wall Brown	<i>Lasiommata megera</i>		1	✓	✓	✓			
36	Large Wall Brown	<i>Lasiommata maera</i>		1	c6	c6	c6	c12		
37	Pearly Heath	<i>Coenonympha arcania</i>			c6	3	4	2		
38	Small Heath	<i>Coenonympha pamphilus</i>		✓	✓	✓	✓	✓	✓	✓
39	Gatekeeper	<i>Pyronia tithonus</i>								✓
40	Ringlet	<i>Aphantopus hyperantus</i>							✓	✓
41	Meadow Brown	<i>Maniola jurtina</i>		✓	✓	✓	✓	✓	✓	✓
42	Large Ringlet	<i>Erebia euryale</i>				c6	c12			
43	Yellow-spotted Ringlet	<i>Erebia manto ssp constans</i>		c6	2	2	1	2	1	
44	Mountain Ringlet	<i>Erebia epiphron</i>			c6	3	c6	c6		3
45	Western Brassy Ringlet	<i>Erebia arvenensis</i>		c12	c6			c6		
46	Pyrenees Brassy Ringlet	<i>Erebia rondoui</i>								3
47	Bright-eyed Ringlet	<i>Erebia oeme</i>		c6	c12	c6		2		

	Common name	Scientific name	July							
			5	6	7	8	9	10	11	12
48	Piedmont Ringlet	<i>Erebia meolans</i>		c12	c12	c6	2	c6		5
49	Marbled White	<i>Melanargia galathea</i>		✓	✓	✓	✓	✓	✓	✓
50	Great Banded Grayling	<i>Brintesia circe</i>								1
51	Rock Grayling	<i>Hipparchia alcyone</i>			2					
52	Dark Green Fritillary	<i>Argynnis aglaja</i>			3	1	3	2		
53	High Brown Fritillary	<i>Argynnis adippe</i>								1
54	Niobe Fritillary	<i>Argynnis niobe</i>					1			1
55	Queen of Spain Fritillary	<i>Issoria lathonia</i>			1		3	2		
56	Marbled Fritillary	<i>Brenthis daphne</i>								1
57	Lesser Marbled Fritillary	<i>Brenthis ino</i>		1	c30	1	2	c12		
58	Small Pearl-bordered Fritillary	<i>Boloria selene</i>			1		2			
59	Pearl-bordered Fritillary	<i>Boloria euphrosyne</i>					1	2		
60	Weaver's Fritillary	<i>Boloria dia</i>							1	
61	Southern White Admiral	<i>Limenitus reducta</i>								1
62	Large Tortoiseshell	<i>Nymphalis polychloros</i>		1						
63	Small Tortoiseshell	<i>Aglais urticae</i>					✓		✓	
64	Peacock	<i>Inachis io</i>					✓			
65	Red Admiral	<i>Vanessa atalanta</i>							✓	
66	Comma	<i>Polygonia c-album</i>					1	1		1
67	Map	<i>Araschnia levana</i>							1	
68	False Heath Fritillary	<i>Melitaea diamina</i>			2		c12	c6		
69	Spotted Fritillary	<i>Melitaea didyma</i>			c6	c12	2	2		2
70	Heath Fritillary	<i>Melicta athalia</i>		c6	c12	c8	c12	c12		2
71	Meadow Fritillary	<i>Melicta parthenoides</i>					1	c6		
72	Dingy Skipper	<i>Erynnis tages</i>					4			
73	Marbled Skipper	<i>Carcharodus lavatherae</i>		1	4	1	1	c6		1
74	Mallow Skipper	<i>Carcharodus alcaea</i>								1
75	Tufted Marbled Skipper	<i>Carcharodus flocciferus</i>			1					
76	Red-underwing Skipper	<i>Spialia sertotius</i>			1	2				
77	Grizzled Skipper	<i>Pyrgus malvae</i>			1			1		
78	Large Grizzled Skipper	<i>Pyrgus alveus</i>			1	2	2	c6		
79	Olive Skipper	<i>Pyrgus serratulae</i>			1		1			
80	Safflower Skipper	<i>Pyrgus carthami</i>			1		1	1		
81	Chequered Skipper	<i>Carterocephalus palaemon</i>					1			
82	Lulworth Skipper	<i>Thymelicus acteon</i>			2					
83	Essex Skipper	<i>Thymelicus lineolus</i>			c12			2	3	2
84	Small Skipper	<i>Thymelicus sylvestris</i>		✓	✓	✓	✓	✓	✓	✓
85	Large Skipper	<i>Ochlodes sylvanus</i>		✓	✓	✓	✓	✓	✓	✓

Birds

1	Cattle Egret	<i>Bubulcis ibis</i>	c6							
2	Grey Heron	<i>Ardea cinerea</i>			✓	✓	✓		✓	✓
3	Mallard	<i>Anas platyrhynchos</i>							✓	
4	Black Kite	<i>Milvus migrans</i>	c6						2	c12
5	Red Kite	<i>Milvus milvus</i>			1				2	2
6	Lammergeier	<i>Gypaetus barbatus</i>		4	6			2		
7	Egyptian Vulture	<i>Neophron percnopterus</i>							2	
8	Griffon Vulture	<i>Gyps fulvus</i>		c6	c6		3	1	c6	c12
9	Northern Sparrowhawk	<i>Accipiter nisus</i>	1							
10	Common Buzzard	<i>Buteo buteo</i>	2							1
11	Golden Eagle	<i>Aquila chrysaetos</i>		1		1		2		1

	Common name	Scientific name	July							
			5	6	7	8	9	10	11	12
12	Booted Eagle	<i>Hieraetus pennatus</i>							2	1
13	Short-toed Eagle	<i>Circaetus gallicus</i>			2			1		
14	Common Kestrel	<i>Falco tinnunculus</i>		✓	✓			✓	✓	✓
15	Hobby	<i>Falco subbuteo</i>							1	
16	Peregrine Falcon	<i>Falco peregrinus</i>			✓					
17	Common Sandpiper	<i>Actitis hypoleucos</i>							c6	
18	Green Sandpiper	<i>Tringa ochropus</i>							1	
19	Yellow-legged Gull	<i>Larus cachinnans</i>	2							2
20	Little Ringed Plover	<i>Charadrius dubius</i>							c6	
21	Rock Dove / Feral Pigeon	<i>Columba livia</i>	✓							✓
22	Woodpigeon	<i>Columba palumbus</i>	✓				✓			✓
23	Collared Dove	<i>Streptopelia decaocto</i>	✓							✓
24	Cuckoo	<i>Cuculus canorus</i>						2		
25	Swift	<i>Apus apus</i>	✓	✓			✓		✓	✓
26	Kingfisher	<i>Alcedo atthis</i>							1	
27	Green Woodpecker	<i>Picus viridis</i>		H					H	
28	Great Spotted Woodpecker	<i>Dendrocopos major</i>							H	
29	Crag Martin	<i>Ptyonoprogne rupestris</i>	✓	✓			✓	✓	✓	
30	Sand Martin	<i>Riparia riparia</i>							1	
31	Swallow	<i>Hirundo rustica</i>							✓	✓
32	House Martin	<i>Delichon urbica</i>	✓	✓	✓	✓	✓	✓	✓	✓
33	Water Pipit	<i>Anthus spinoletta</i>		2	c6	1		c4		1
34	Tree Pipit	<i>Anthus trivialis</i>		H	2	1	1			
35	White Wagtail	<i>Motacilla alba</i>		✓		✓	✓		✓	✓
36	Grey Wagtail	<i>Motacilla cinerea</i>		✓	✓	✓	✓	✓	✓	✓
37	Dipper	<i>Cinclus cinclus</i>		1					3	
38	Wren	<i>Troglodytes troglodytes</i>				H			H	
39	Dunnock	<i>Prunella modularis</i>		✓	H	H		✓	✓	
40	Robin	<i>Erithacus rubecula</i>		✓			H		H	✓
41	Black Redstart	<i>Phoenicurus ochruros</i>		✓	✓	✓	✓	✓		✓
42	Northern Wheatear	<i>Oenanthe oenanthe</i>		✓	✓	✓		✓		
43	Rock Thrush	<i>Monticola saxatilis</i>				3		1		
44	Blackbird	<i>Turdus merula</i>			✓		✓		✓	✓
45	Mistle Thrush	<i>Turdus viscivorus</i>		✓	✓					
46	Blackcap	<i>Sylvia atricapilla</i>		H	H	H	H	H	✓	H
47	Chiffchaff	<i>Phylloscopus collybita</i>					H			
48	Firecrest	<i>Regulus ignicapillus</i>					1			
49	Goldcrest	<i>Regulus regulus</i>					✓			
50	Pied Flycatcher	<i>Ficedula hypoleuca</i>					2	1		
51	Crested Tit	<i>Lophophanes cristatus</i>					1			
52	Coal Tit	<i>Parus ater</i>					1		1	
53	Great Tit	<i>Parus major</i>		✓			✓			
54	Blue Tit	<i>Cyanistes caeruleus</i>			✓	✓	✓		✓	✓
55	Nuthatch	<i>Sitta europaea</i>					H			
56	Red-backed Shrike	<i>Lanius collurio</i>		2	1			1		
57	Starling	<i>Sturnus vulgaris</i>	✓						✓	✓
58	Jay	<i>Garrulus glandarius</i>		✓	✓	✓	✓	✓	✓	✓
59	Magpie	<i>Pica pica</i>							✓	✓
60	Alpine Chough	<i>Pyrrhocorax graculus</i>		c6	c6	c6	c10	c6		
61	Chough	<i>Pyrrhocorax Pyrrhocorax</i>		2	2	2		4		
62	Raven	<i>Corvus corax</i>				2				

	Common name	Scientific name	July							
			5	6	7	8	9	10	11	12
63	Carion Crow	<i>Corvus corone</i>					✓		✓	✓
64	House Sparrow	<i>Passer domesticus</i>	✓	✓			✓		✓	✓
65	Snowfinch	<i>Montifringilla nivalis</i>			1					5
66	Chaffinch	<i>Fringilla coelebs</i>		✓		✓	✓		✓	✓
67	Serin	<i>Serinus serinus</i>		✓		✓		✓	✓	
68	Greenfinch	<i>Carduelis chloris</i>							H	
69	Goldfinch	<i>Carduelis carduelis</i>			✓		✓			
70	Linnet	<i>Acanthis cannabina</i>		✓	✓	✓		✓		
71	Yellowhammer	<i>Emberiza citrinella</i>		1	2	2		1		

Plants (✓ = day first seen)

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		5	6	7	8	9	10	11	12		
PTERIDOPHYTA	FERNS & FERN ALLIES										
Aspidiaceae											
<i>Dryopteris abbreviata</i>	Mountain Male Fern		✓								
<i>Dryopteris filix-mas</i>	Male Fern		✓								
<i>Polystichum aculeatum</i>	Hard Shield-fern				✓						
<i>Polystichum lonchitis</i>	Holly Fern			✓							
<i>Polystichum setiferum</i>	Soft Shield-fern								✓		
Aspleniaceae	Spleenwort Family										
<i>Asplenium adiantum-nigrum</i>	Black Spleenwort										✓
<i>Asplenium ruta-muraria</i>	Wall-rue				✓						
<i>Asplenium septentrionale</i>	Forked Spleenwort				✓						
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort		✓								
<i>Ceterach officinarum</i>	Rusty-back Fern			✓							
Athyriaceae	Athyrium Family										
<i>Athyrium distentifolium</i>	Alpine Lady-fern			✓							
<i>Athyrium felix-femina</i>	Lady-fern		✓								
<i>Cystopteris fragilis</i>	Brittle Bladder-fern			✓							
Cryptogrammaceae	Parsley Fern Family										
<i>Cryptogramma crispa</i>	Parsley Fern		✓								
Dennstaedtiaceae	Bracken Family										
<i>Pteridium aquilinum</i>	Bracken		✓								
Equisetaceae	Horsetail Family										
<i>Equisetum arvense</i>	Field Horsetail				✓						
<i>Equisetum hyemale</i>	Dutch Rush		✓								
<i>Equisetum telmateia</i>	Giant Horsetail								✓		
Lycopodiaceae											
<i>Huperzia selago</i>	Fir Clubmoss				✓						
Polypodiaceae	Polypody Family										
<i>Polypodium vulgare</i>	Common Polypody		✓								

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		5	6	7	8	9	10	11	12		
Thelypteridaceae	Thelypteris Family										
<i>Gymnocarpium dryopteris</i>	Oak Fern		✓								
<i>Phegopteris connectilis</i>	Beech Fern				✓						
GYMNOSPERMAE	CONIFERS										
Cupressaceae	Cypress Family										
<i>Juniperus communis</i> subsp. <i>alpina</i>	Juniper				✓						
<i>Juniperus communis</i> subsp. <i>communis</i>	Juniper		✓								
Pinaceae	Pine Family										
<i>Abies alba</i>	Silver Fir					✓					
<i>Picea abies</i>	Norway Spruce			✓							
<i>Pinus sylvestris</i>	Scots Pine			✓							
<i>Pinus uncinata</i>	Mountain Pine			✓							
Taxaceae	Yew Family										
<i>Taxus baccata</i>	Yew			✓							
ANGIOSPERMAE	FLOWERING PLANTS										
DICOTYLEDONS											
Aceraceae	Maple Family										
<i>Acer campestre</i>	Field Maple								✓		
<i>Acer pseudoplatanus</i>	Sycamore					✓					
Apiaceae	Carrot Family										
<i>Angelica sylvestris</i>	Wild Angelica		✓								
<i>Anthriscus sylvestris</i>	Cow Parsley								✓		
<i>Astrantia major</i>	Masterwort		✓								
<i>Bupleurum ranunculoides</i>	a Hare's-ear		✓								
<i>Conopodium pyrenaicum</i>	Pyrenean Pignit		✓								
<i>Daucus carota</i>	Wild Carrot		✓								
<i>Eryngium bourgati</i>	Pyrenean Eryngo		✓								
<i>Heracleum sphondylium</i> subsp. <i>pyrenaicum</i>	Pyrenean Hogweed		✓								
<i>Laserpitium gallicum</i>	French Sermountain				✓						
<i>Laserpitium latifolium</i>	Broad-leaved Sermountain					✓					
<i>Myrrhis odorata</i>	Sweet Cicely		✓								
<i>Pastinaca sativa</i>	Wild Parsnip								✓		
<i>Pimpinella major</i>	Greater Burnet Saxifrage					✓					
<i>Pimpinella saxifraga</i>	Burnet Saxifrage		✓								
Aquifoliaceae	Holly Family										
<i>Ilex aquifolium</i>	Holly		✓								
Araliaceae	Ivy Family										
<i>Hedera helix</i>	Ivy		✓								

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		5	6	7	8	9	10	11	12		
Asclepiadaceae	Milkweed Family										
<i>Vincetoxicum hirundinaria</i>	Swallow-wort		✓								
Asteraceae	Daisy Family										
<i>Achillea millefolium</i>	Yarrow		✓								
<i>Antennaria dioica</i>	Mountain Everlasting			✓							
<i>Arctium minus</i>	Lesser Burdock		✓								
<i>Arnica montana</i>	Arnica				✓						
<i>Aster alpinus</i>	Alpine Aster				✓						
<i>Bellis perennis</i>	Daisy		✓								
<i>Carduus carlinoides</i>	Pyrenean Thistle		✓								
<i>Carduus defloratus</i>	Alpine Thistle				✓						
<i>Carduus nutans</i>	Nodding Thistle						✓				
<i>Carlina acanthifolia</i> subsp. <i>cynara</i>	Acanthus-leaved Thistle						✓				
<i>Carlina vulgaris</i>	Common Carline Thistle				✓						
<i>Centaurea scabiosa</i>	Greater Knapweed		✓								
<i>Centaurea nigra</i>	Knapweed			✓							
<i>Cirsium eriophorum</i>	Woolly Thistle (leaves)		✓								
<i>Cirsium palustre</i>	Marsh Thistle				✓						
<i>Cirsium rivulare</i>	Brook Thistle							✓			
<i>Cirsium vulgare</i>	Spear Thistle		✓								
<i>Crepis paludosa</i>	Marsh Hawksbeard							✓			
<i>Crepis pygmaea</i>	Pygmy Hawksbeard		✓								
<i>Crepis pyrenaica</i>	Pyrenean Hawksbeard		✓								
<i>Erigeron alpinus</i>	Alpine Fleabane			✓							
<i>Eupatorium cannabinum</i>	Hemp Agrimony					✓					
<i>Hieracium pilosella</i>	Mouse-ear Hawkweed					✓					
<i>Lapsana communis</i>	Nipplewort					✓					
<i>Leontopodium alpinum</i>	Edelweiss				✓						
<i>Leucanthemum corymbosum</i>				✓							
<i>Leucanthemum vulgare</i>	Ox-eye Daisy			✓							
<i>Leucanthemopsis alpina</i>	Alpine Moon-daisy			✓							
<i>Prenanthes purpurea</i>	Purple Lettuce				✓						
<i>Scorzonera aristata</i>	a Viper's Grass			✓							
<i>Senecio adonifolius</i>	Adonis-leaved Ragwort		✓								
<i>Senecio jacobea</i>	Common Ragwort							✓			
<i>Senecio vulgaris</i>	Common Groundsel							✓			
<i>Solidago virgaurea</i>	Goldenrod		✓								
<i>Sonchus asper</i>	Prickly Sow-thistle							✓			
<i>Taraxacum officinale</i>	Dandelion		✓								
<i>Tragopogon pratensis</i>	Goatsbeard		✓								
<i>Tussilago farfara</i>	Colt's-foot				✓						
Balsaminaceae											
<i>Impatiens glandulifera</i>	Himalayan Balsam							✓			
Betulaceae	Birch Family										
<i>Alnus glutinosa</i>	Common Alder					✓					
<i>Betula pendula</i>	Silver Birch		✓								
<i>Betula pubescens</i>	Downy Birch		✓								

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		5	6	7	8	9	10	11	12		
Boraginaceae	Borage Family										
<i>Echium vulgare</i>	Viper's Bugloss		✓								
<i>Myosotis arvensis</i>	Field Forget-me-not		✓								
<i>Pulmonaria longifolia</i>	A Lungwort (leaves)			✓							
Brassicaceae	Cabbage Family										
<i>Biscutella laevigata</i>	Buckler Cress							✓			
<i>Brassica nigra</i>	Black Mustard							✓			
<i>Capsella bursa-pastoris</i>	Shepherd's-purse		✓								
<i>Cardamine hirsuta</i>	Hairy Bittercress							✓			
<i>Erysimum decumbens</i>	Decumbent Treacle-mustard		✓								
Buddlejaceae											
<i>Buddleja davidii</i>	Buddleia							✓			
Buxaceae	Box Family										
<i>Buxus sempervirens</i>	Box							✓			
Campanulaceae	Bellflower Family										
<i>Campanula glomerata</i>	Clustered Bellflower		✓								
<i>Campanula latifolia</i>	Giant Bellflower						✓				
<i>Campanula patula</i>	Spreading Bellflower							✓			
<i>Campanula rotundifolia</i>	Harebell		✓								
<i>Campanula trachelium</i>	Nettle-leaved Bellflower							✓			
<i>Jasione montana</i>	Sheep's-bit Scabious							✓			
<i>Phyteuma hemisphericum</i>	Globe-headed Rampion		✓								
<i>Phyteuma orbiculare</i>	Round-headed Rampion		✓								
<i>Phyteuma spicatum</i>	Spiked Rampion			✓							
Cannabaceae											
<i>Humulus lupulus</i>	Wild Hop							✓			
Caprifoliaceae	Honeysuckle Family										
<i>Lonicera periclymenum</i>	Common Honeysuckle							✓			
<i>Lonicera pyrenaica</i>	Pyrenean Honeysuckle			✓							
<i>Sambucus ebulus</i>	Dwarf Elder							✓			
<i>Sambucus nigra</i>	Common Elder		✓								
<i>Sambucus racemosa</i>	Alpine Elder (berries)				✓						
<i>Viburnum lantana</i>	Wayfaring Tree			✓							
Caryophyllaceae	Pink Family										
<i>Arenaria purpurascens</i>	Purple Sandwort			✓							
<i>Cerastium alpinum</i>	Alpine Mouse-ear		✓								
<i>Cerastium fontanum</i>	Common Mouse-ear			✓							
<i>Dianthus deltoides</i>	Maiden Pink		✓								
<i>Dianthus monspessulanus</i>	Fringed Pink		✓								
<i>Gypsophila repens</i>	Alpine Gypsophila		✓								
<i>Minuartia verna</i>	Spring Sandwort		✓								
<i>Paronychia kapela</i> subsp. <i>erpyllifolias</i>	Mountain rocks and turf			✓							
<i>Saponaria officinalis</i>	Soapwort							✓			
<i>Scleranthus annuus</i>	Annual Knawel				✓						

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		5	6	7	8	9	10	11	12
<i>Silene alba</i>	White Campion					✓			
<i>Silene nutans</i>	Nottingham Catchfly		✓						
<i>Silene saxifraga</i>	Saxifrage Campion						✓		
<i>Silene vulgaris</i>	Bladder Campion		✓						
<i>Stellaria graminea</i>	Lesser Stitchwort		✓						
<i>Stellaria holostea</i>	Greater Stitchwort		✓						
<i>Stellaria media</i>	Common Chickweed		✓						
Celastraceae	Spindle-tree Family								
<i>Euonymus europaeus</i>	Spindle Tree							✓	
Chenopodiaceae	Goosefoot Family								
<i>Chenopodium bonus-henricus</i>	Good King Henry			✓					
Cistaceae	Rockrose Family								
<i>Helianthemum nummularium</i>	Common Rockrose		✓						
subsp. <i>grandiflorum</i>									
<i>Helianthemum nummularium</i>	Pink flowers						✓		
subsp. <i>pyrenaicum</i>									
<i>Helianthemum oelandicum</i>	Hoary Rockrose					✓			
Clusiaceae	Hypericum Family								
<i>Hypericum nummularium</i>	an alpine St John's-wort					✓			
<i>Hypericum perforatum</i>	Perforate St John's-wort							✓	
<i>Hypericum richeri</i>	Alpine St. John's-wort		✓						
Convolvulaceae	Bindweed Family								
<i>Calystegia sepium</i>	Hedge Bindweed							✓	
<i>Cuscuta epithymum</i>	Common Dodder		✓						
<i>Cuscuta europaea</i>	Greater Dodder					✓			
Cornaceae	Dogwood Family								
<i>Cornus sanguinea</i>	Common Dogwood					✓			
Corylaceae	Hazel Family								
<i>Corylus avellana</i>	Hazel		✓						
Crassulaceae	Stonecrop Family								
<i>Sedum acre</i>	Biting Stonecrop			✓					
<i>Sedum album</i>	White Stonecrop			✓					
<i>Sedum brevifolium</i>	Short-leaved Stonecrop		✓						
<i>Sedum dasyphyllum</i>	Thick-leaved Stonecrop					✓			
<i>Sedum forsterianum</i>	Rock Stonecrop								✓
<i>Sedum hirsutum</i>	Hairy Stonecrop		✓						
<i>Sedum reflexum</i>	Reflexed Stonecrop		✓						
<i>Sedum telephium</i>	Orpine							✓	
<i>Sempervivum montanum</i>	Mountain Houseleek		✓						
<i>Umbilicus rupestris</i>	Wall Pennywort							✓	
Dioscoreaceae	Yam Family								
<i>Tamus communis</i>	Black Bryony							✓	

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		5	6	7	8	9	10	11	12		
Dipsacaceae	Teasel Family										
<i>Knautia arvensis</i>	Field Scabious					✓					
<i>Knautia dipsacifolia</i>	Wood Scabious					✓					
<i>Scabiosa columbaria</i>	Small Scabious		✓								
<i>Succisa pratensis</i>	Devil's-bit Scabious (leaves)								✓		
Ericaceae	Heath Family										
<i>Arctostaphylos uva-ursi</i>	Bearberry		✓								
<i>Calluna vulgaris</i>	Ling		✓								
<i>Erica scoparia</i>	a Tree Heather								✓		
<i>Rhododendron ferrugineum</i>	Alpenrose		✓								
<i>Vaccinium myrtillus</i>	Bilberry			✓							
Euphorbiaceae	Spurge Family										
<i>Euphorbia amygdaloides</i>	Wood Spurge								✓		
<i>Euphorbia cyparissias</i>	Cypress Spurge			✓							
<i>Euphorbia hyberna</i>	Irish Spurge					✓					
Fabaceae	Pea Family										
<i>Anthyllis vulneraria</i> subsp. <i>pyrenaica</i>	Pyrenean Kidney-vetch		✓								
<i>Cytisus scoparius</i>	Common Broom									✓	
<i>Hippocrepis comosa</i>	Horseshoe Vetch		✓								
<i>Lathyrus latifolius</i>	Broad-leaved Everlasting Pea		✓								
<i>Lathyrus montanus</i>	Bitter Vetch				✓						
<i>Lathyrus pratensis</i>	Meadow Vetchling		✓								
<i>Lathyrus sylvestris</i>	Narrow-leaved Everlasting Pea							✓			
<i>Lotus alpinus</i>	Alpine Bird's-foot Trefoil		✓								
<i>Lotus corniculatus</i>	Bird's-foot Trefoil								✓		
<i>Medicago lupulina</i>	Black Medick								✓		
<i>Melilotus alba</i>	White Melilot								✓		
<i>Ononis natrix</i>	Large Yellow Restharrow		✓								
<i>Ononis repens</i>	Common Restharrow			✓							
<i>Oxytropis campestris</i>	Yellow Milk-vetch			✓							
<i>Oxytropis pyrenaica</i>	Pyrenean Milk-vetch							✓			
<i>Robinia pseudoacacia</i>	False Acacia								✓		
<i>Trifolium alpinum</i>	Alpine Clover		✓								
<i>Trifolium arvense</i>	Hare's-foot Clover								✓		
<i>Trifolium montanum</i>	Mountain Clover		✓								
<i>Trifolium ochroleucon</i>	Sulphur Clover		✓								
<i>Trifolium pratense</i>	Red Clover		✓								
<i>Trifolium repens</i>	White Clover		✓								
<i>Vicia cracca</i>	Tufted Vetch									✓	
<i>Vicia orobus</i>	Wood Bitter Vetch		✓								
<i>Vicia pyrenaica</i>	Pyrenean Vetch		✓								
<i>Vicia sepium</i>	Bush Vetch		✓								
Fagaceae	Beech Family										
<i>Fagus sylvatica</i>	Beech		✓								
<i>Quercus petraea</i>	Sessile Oak									✓	
<i>Quercus pyrenaica</i>	Pyrenean Oak									✓	

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		5	6	7	8	9	10	11	12		
<i>Quercus robur</i>	Common Oak							✓			
Gentianaceae	Gentian Family										
<i>Centaureum erythraea</i>	Common Centaury									✓	
<i>Gentiana burseri</i>	a tall yellow Gentian						✓				
<i>Gentiana cruciata</i>	Cross Gentian (leaves)					✓					
<i>Gentiana nivalis</i>	Snow Gentian				✓						
<i>Gentiana verna</i>	Spring Gentian		✓								
<i>Gentianella campestris</i>	Field Felwort			✓							
Geraniaceae	Geranium Family										
<i>Geranium cinereum</i>	Ashy Crane's-bill			✓							
<i>Geranium columbinum</i>	Long-stalked Crane's-bill							✓			
<i>Geranium molle</i>	Dove's-foot Crane's-bill		✓								
<i>Geranium phaeum</i>	Dusky Crane's-bill					✓					
<i>Geranium pyrenaicum</i>	Pyrenean Crane's-bill			✓							
<i>Geranium robertianum</i>	Herb Robert		✓								
<i>Geranium rotundifolium</i>	Round-leaved Crane's-bill							✓			
<i>Geranium sanguineum</i>	Bloody Crane's-bill			✓							
<i>Geranium sylvaticum</i>	Wood Crane's-bill		✓								
Gesneriaceae	Gloxinia Family										
<i>Ramonda myconi</i>	Ramonda					✓					
Lamiaceae	Mint Family										
<i>Acinos alpinus</i>	Alpine Calamint		✓								
<i>Ajuga reptans</i>	Common Bugle			✓							
<i>Glechoma hederacea</i>	Ground Ivy		✓								
<i>Lamium maculatum</i>	Spotted Deadnettle							✓			
<i>Lamium purpureum</i>	Red Deadnettle		✓								
<i>Mentha longifolia</i>	Horse Mint						✓				
<i>Origanum vulgare</i>	Marjoram					✓					
<i>Prunella grandiflora</i>	Large Self-heal					✓					
<i>Prunella laciniata</i>	Cut-leaved Self-heal		✓								
<i>Prunella vulgaris</i>	Self-heal		✓								
<i>Scutellaria alpina</i>	Alpine Skullcap		✓								
<i>Sideritis hyssopifolia</i>	Sideritis		✓								
<i>Stachys alopecurus</i>	Yellow Betony			✓							
<i>Stachys officinalis</i>	Betony		✓								
<i>Stachys recta</i>	Yellow Woundwort			✓							
<i>Teucrium chamaedrys</i>	Wall Germander			✓							
<i>Teucrium pyrenaicum</i>	Pyrenean Germander			✓							
<i>Teucrium scorodonia</i>	Wood Sage		✓								
<i>Thymus praecox</i> subsp. <i>polytrichus</i>	Wild Thyme		✓								
Lentibulariaceae	Butterwort Family										
<i>Pinguicula grandiflora</i>	Large-flowered Butterwort				✓						
<i>Pinguicula longifolia</i>	Long-leaved Butterwort					✓					
<i>Pinguicula vulgaris</i>	Common Butterwort		✓								

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Linaceae	Flax Family										
<i>Linum catharticum</i>	Fairy Flax		✓								
Lythraceae											
<i>Lythrum salicaria</i>	Purple Loosestrife									✓	
Malvaceae	Mallow Family										
<i>Malva moschata</i>	Musk Mallow								✓		
<i>Malva sylvestris</i>	Common Mallow								✓		
Oleaceae	Ash Family										
<i>Fraxinus excelsior</i>	Ash		✓								
Onagraceae	Willowherb Family										
<i>Chamaenerion angustifolium</i>	Rosebay Willowherb									✓	
<i>Epilobium anagallidifolium</i>	Alpine Willowherb			✓							
<i>Epilobium hirsutum</i>	Great Willowherb								✓		
<i>Epilobium montanum</i>	Broad-leaved Willowherb		✓								
Orobanchaceae	Broomrape Family										
<i>Orobanche hederacea</i>	Ivy Broomrape								✓		
Oxalidaceae	Wood-sorrel Family										
<i>Oxalis acetosella</i>	Wood-sorrel			✓							
Papaveraceae	Poppy Family										
<i>Chelidonium majus</i>	Greater Celandine					✓					
<i>Meconopsis cambrica</i>	Welsh Poppy							✓			
Parnassiaceae	Grass of Parnassus Family										
<i>Parnassia palustris</i>	Grass of Parnassus				✓						
Plantaginaceae	Plantain Family		✓								
<i>Plantago alpina</i>	Alpine Plantain		✓								
<i>Plantago lanceolata</i>	Ribwort Plantain		✓								
<i>Plantago major</i>	Greater Plantain		✓								
<i>Plantago media</i>	Hoary Plantain		✓								
Polygalaceae	Milkwort Family										
<i>Polygala alpestris</i>	Mountain Milkwort				✓						
<i>Polygala vulgaris</i>	Common Milkwort		✓								
Polygonaceae	Dock Family										
<i>Polygonum viviparum</i>	Mountain Bistort			✓							
<i>Rumex acetosa</i>	Common Sorrel			✓							
<i>Rumex acetosella</i>	Sheep's Sorrel			✓							
<i>Rumex scutatus</i>	French Sorrel		✓								
Primulaceae	Primrose Family										
<i>Primula integrifolia</i>	Entire-leaved Primrose (seedheads)		✓								

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<i>Primula veris</i>	Cowslip (leaves)					✓					
Pyrolaeae											
<i>Pyrola minor</i>	Lesser Wintergreen					✓					
Ranunculaceae	Buttercup Family										
<i>Aconitum napellus</i>	Common Monkshood		✓								
<i>Aconitum vulparia</i>	Wolfsbane					✓					
<i>Aquilegia pyrenaica</i>	Pyrenean Columbine					✓					
<i>Aquilegia vulgaris</i>	Common Columbine		✓								
<i>Caltha palustris</i>	Marsh Marigold		✓								
<i>Clematis vitalba</i>	Old Man's Beard								✓		
<i>Helleborus foetidus</i>	Stinking Hellebore		✓								
<i>Helleborus viridis</i>	Green Hellebore					✓			✓		
<i>Hepatica nobilis</i>	Hepatica (leaves)			✓							
<i>Pulsatilla alpina</i>	Alpine Pasque flower (seedheads)					✓					
<i>Ranunculus aconitifolius</i>	Aconite-leaved Buttercup				✓						
<i>Ranunculus acris</i>	Meadow Buttercup				✓						
<i>Ranunculus alpestris</i>	Alpine Buttercup		✓								
<i>Ranunculus repens</i>	Creeping Buttercup			✓							
<i>Ranunculus thora</i>	Thore's Buttercup (leaves)					✓					
<i>Thalictrum aquilegifolium</i>	Great Meadow-rue		✓								
Resedaceae	Mignonette Family										
<i>Reseda glauca</i>	Pyrenean Mignonette			✓							
<i>Reseda lutea</i>	Common Mignonette								✓		
<i>Reseda phyteuma</i>	Corn Mignonette			✓							
Rhamnaceae	Buckthorn Family										
<i>Rhamnus alpinus</i>	Alpine Buckthorn		✓								
<i>Rhamnus pumilus</i>	Dwarf Buckthorn				✓						
Rosaceae	Rose Family										
<i>Agrimonia eupatoria</i>	Agrimony								✓		
<i>Alchemilla alpina</i>	Alpine Lady's-mantle		✓								
<i>Alchemilla vulgaris</i> agg.	Lady's Mantle			✓							
<i>Amelanchier ovalis</i>	Snowy Mespilus (leaves)		✓								
<i>Crataegus monogyna</i>	Hawthorn								✓		
<i>Dryas octopetala</i>	Mountain Avens (seedheads)				✓						
<i>Filipendula ulmaria</i>	Meadowsweet								✓		
<i>Fragaria vesca</i>	Wild Strawberry			✓							
<i>Geum pyrenaicum</i>	Pyrenean Avens				✓						
<i>Geum urbanum</i>	Herb Bennet		✓								
<i>Potentilla argentea</i>	Hoary Cinquefoil							✓			
<i>Potentilla alchemilloides</i>	Alchemilla-leaved Cinquefoil		✓								
<i>Potentilla aurea</i>	Golden Cinquefoil					✓					
<i>Potentilla erecta</i>	Tormentil		✓								
<i>Potentilla reptans</i>	Creeping Cinquefoil				✓						
<i>Prunus avium</i>	Wild Cherry					✓					
<i>Prunus spinosa</i>	Blackthorn		✓								

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<i>Rubus idaeus</i>	Raspberry				✓						
<i>Rosa canina</i>	Dog Rose							✓			
<i>Rosa glauca</i>	Blue-leaved Rose		✓								
<i>Rosa pendulina</i>	Alpine Rose		✓								
<i>Rosa pimpinelloides</i>	Burnet Rose		✓								
<i>Rosa villosa</i>					✓						
<i>Sanguisorba minor</i>	Salad Burnet			✓							
<i>Sorbus aria</i>	Whitebeam				✓						
<i>Sorbus aucuparia</i>	Mountain Ash		✓								
<i>Sorbus chamaemespilus</i>	False Medlar				✓						
Rubiaceae	Bedstraw Family										
<i>Asperula cynanchica</i>	Squincywort							✓			
<i>Cruciata laevipes</i>	Crosswort					✓					
<i>Galium aparine</i>	Goosegrass							✓			
<i>Galium caespitosum</i>	an endemic dwarf bedstraw					✓					
<i>Galium mollugo</i>	Hedge Bedstraw		✓								
<i>Galium odoratum</i>	Woodruff (leaves)			✓							
<i>Galium pyrenaicum</i>	Pyrenean Bedstraw			✓							
<i>Galium saxatile</i>	Heath Bedstraw				✓						
<i>Galium verum</i>	Lady's Bedstraw		✓								
Salicaceae	Willow Family										
<i>Populus nigra</i>	Black Poplar							✓			
<i>Populus tremula</i>	Aspen				✓						
<i>Salix caprea</i>	Goat Willow		✓								
<i>salix cinerea</i>	Grey Willow				✓						
<i>Salix elaeagnos</i>	Hoary Willow				✓						
<i>Salix pyrenaica</i>	Pyrenean Willow		✓								
Santalaceae	Sandalwood Family										
<i>Thesium alpinum</i>	Alpine Bastard Toadflax		✓								
Saxifragaceae	Saxifrage Family										
<i>Saxifraga aizoides</i>	Yellow Mountain Saxifrage		✓								
<i>Saxifraga caesia</i>	Blue-leaved saxifrage						✓				
<i>Saxifraga moschata</i>	Musky Saxifrage		✓								
<i>Saxifraga nervosa</i>					✓						
<i>Saxifraga paniculata</i>	Livelong Saxifrage		✓								
<i>Saxifraga umbrosa</i>	Wood Saxifrage				✓						
Scrophulariaceae	Figwort Family										
<i>Bartsia alpina</i>	Alpine Bartsia		✓								
<i>Digitalis lutea</i>	Small Yellow Foxglove	✓									
<i>Erinus alpinus</i>	Fairy Foxglove			✓							
<i>Linaria alpina</i>	Alpine Toadflax		✓								
<i>Linaria supina</i>	Dwarf Toadflax							✓			
<i>Melampyrum pratense</i>	Common Cow-wheat					✓					
<i>Pedicularis pyrenaica</i>	Pyrenean Lousewort				✓						
<i>Rhinanthus minor</i>	Yellow Rattle		✓								
<i>Scrophularia auriculata</i>	Water Figwort							✓			

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<i>Scrophularia canina</i>	French Figwort		✓								
<i>Scrophularia nodosa</i>	Common Figwort		✓								
<i>Verbascum nigrum</i>	Dark Mullein					✓					
<i>Verbascum phlomoides</i>	Orange Mullein							✓			
<i>Veronica chamaedrys</i>	Germander Speedwell		✓								
<i>Veronica fruticans</i>	Rock Speedwell		✓								
<i>Veronica officinalis</i>	Heath Speedwell		✓								
<i>Veronica persica</i>	Green Field Speedwell							✓			
<i>Veronica ponaee</i>	Spiked Pyrenean Speedwell				✓						
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell			✓							
Solanaceae											
<i>Solanum dulcamara</i>	Bittersweet			✓							
Thymelaceae	Daphne Family										
<i>Daphne laureola</i>	Spurge Laurel			✓							
<i>Thymelaea calycina</i>							✓				
Tiliaceae	Lime Tree Family										
<i>Tilia platyphyllos</i>	Large-leaved Lime							✓			
Ulmaceae	Elm Family										
<i>Ulmus glabra</i>	Wych Elm						✓				
<i>Ulmus minor</i>	Smooth Elm							✓			
Urticaceae											
<i>Urtica dioica</i>	Nettle		✓								
Valerianaceae	Valerian Family										
<i>Valeriana globularia</i>	Globularia-leaved Valerian			✓							
<i>Valeriana officinalis</i>	Common Valerian							✓			
<i>Valeriana pyrenaica</i>	Pyrenean Valerian					✓					
Verbenaceae	Verbena Family										
<i>Verbena officinalis</i>	Vervain			✓							
Violaceae	Violet Family										
<i>Viola cornuta</i>	Horned Pansy					✓					
<i>Viola palustris</i>	Marsh Violet		✓								
<i>Viola tricolor</i>	Heart'sease						✓				
MONOCOTYLEDONS											
Cyperaceae	Sedge Family										
<i>Eriophorum angustifolium</i>	Cotton-grass		✓								
<i>Carex atrata</i>	Jet Sedge			✓							
<i>Carex demissa</i>	Yellow Sedge		✓								
<i>Carex echinata</i>	Star Sedge		✓								
<i>Carex flacca</i>	Glaucous Sedge				✓						
<i>Carex hostiana</i>	Tawny Sedge		✓								
<i>Carex panacea</i>	Carnation Sedge		✓								

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<i>Carex spicata</i>	Spiked Sedge				✓						
Graminae	Grass Family										
<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass			✓							
<i>Briza media</i>	Quaking-grass				✓						
<i>Bromus commutatus</i>	Meadow Brome			✓							
<i>Dactylis glomerata</i>	Cocksfoot		✓								
<i>Deschampsia cespitosa</i>	Tufted Hair-grass				✓						
<i>Deschampsia flexuosa</i>	Wavy Hair-grass					✓					
<i>Festuca ovina</i>	Sheep's Fescue		✓								
<i>Festuca rubra</i>	Red Fescue				✓						
<i>Holcus lanatus</i>	Yorkshire Fog			✓							
<i>Hordeum murale</i>	Wall Barley								✓		
<i>Molinia caerulea</i>	Purple Moor Grass		✓								
<i>Nardus stricta</i>	Mat Grass		✓								
<i>Poa alpina</i>	Alpine Meadow-grass			✓							
<i>Poa annua</i>	Annual Meadow-grass		✓								
Iridaceae	Iris Family										
<i>Iris latifolia</i>	English Iris		✓								
Juncaceae	Rush Family										
<i>Juncus alpinoarticulatus</i>	Alpine Rush			✓							
<i>Juncus effusus</i>	Soft Rush		✓								
<i>Juncus inflexus</i>	Hard Rush								✓		
<i>Luzula spicata</i>	Spiked Wood-rush			✓							
Liliaceae	Lily Family										
<i>Allium schoenoprasum</i>	Chives				✓						
<i>Allium sphaerocephalum</i>	Round-headed Leek			✓							
<i>Anthericum liliago</i>	St. Bernard's Lily			✓							
<i>Asphodelus albus</i>	White Asphodel		✓								
<i>Convallaria majalis</i>	Lily-of-the valley (leaves)					✓					
<i>Lilium martagon</i>	Martagon Lily			✓							
<i>Paris quadrifolia</i>	Herb Paris				✓						
<i>Scilla liliohyacinthus</i>	Pyrenean Squill (leaves)					✓					
<i>Tofieldia calyculata</i>	Tofield's Asphodel			✓							
<i>Veratrum album</i>	White False Helleborine							✓			
Orchidaceae	Orchid Family										
<i>Anacamptis pyramidalis</i>	Pyramidal Orchid			✓							
<i>Coeloglossum viride</i>	Frog Orchid				✓						
<i>Dactylorhiza sambucina</i>	Elder-flowered Orchid (leaves)		✓								
<i>Dactylorhiza majalis</i> ssp <i>alpina</i>	Broad-leaved Marsh Orchid					✓					
<i>Dactylorhiza maculata</i>	Heath Spotted Orchid			✓							
<i>Dactylorhiza fuchsii</i>	Common Spotted Orchid			✓							
<i>Epipactis atrorubens</i>	Dark Red Helleborine					✓					
<i>Gymnadenia austriaca</i> var <i>iberica</i>	Vanilla Orchid			✓							
<i>Gymnadenia conopsea</i>	Fragrant Orchid		✓								
<i>Listera ovata</i>	Twayblade				✓						
<i>Neotinea ustulata</i>	Bent Tip Orchid				✓						

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<i>Platanthera bifolia</i>	Lesser Butterfly Orchid				✓						
<i>Platanthera chlorantha</i>	Greater Butterfly Orchid		✓								
<i>Pseudorchis albida</i>	Small White Orchid			✓							

Other invertebrates recorded

Zygaena osterodensis, Transparent Burnet
Alcis repandata, Mottled Beauty
Aplocera praeformata, Purple treble-bar
Macroglossum stellatarum, Hummingbird Hawkmoth
Autographa gamma, Silver Y Moth
Euclidia glyphica, Burnet Companion Moth
Diacrisia sannio, Clouded Buff
Libelloides longicornis, Ascalaphid sp
Tettigonia viridissima, Great Green Bush Cricket
Polistes gallica, Paper Wasp
Graphosoma italicum, AC Milan Bug
Cicindela campestris, Green Tiger Beetle
Carabus auratus, Ground Beetle sp

Zygaena filipendulae, Six-spot Burnet
Camptogramma bilineata, Yellow Shell
Adscita statices, Forester Moth
Lasiocampa ss, Eggar Moth larva
Odezia atrata, Chimney Sweeper Moth
Siona lineata, Black-veined Moth
Ematurga atomaria, Common Heath
Decticus verrucivorus, Wart-Biter Cricket
Psophus stridulus, a Red-winged Grasshopper
Trichoptera sp, Caddis Fly larva
Melolontha melolontha, May Bug
Cetonia aurata, Rose Chafer
Sympetrum flaveolum, Yellow-winged Darter

Mammals

Marmota marmota, Alpine Marmot

Rupicapra rupicapra, IZARD (Chamois)

Reptiles & amphibians

Podarcis muralis, Wall Lizard
Rana pyrenaica, Pyrenean Frog

Rana temporaria, Common Frog
Euproctus montanus, Pyrenean Brook Salamander

Fish - Salmo trutta, Brown Trout



Naturetrek Pyrenees butterfly group 2012