

Picos De Europa

3rd - 10th July 2022

Led by Pau Lucio & Peter Eeles



Greenwings Wildlife Holidays

Tel: 01473 254658

Web: www.greenwings.co.uk

Email: enquiries@greenwings.co.uk

Butterflies of the Picos de Europa 3rd – 10th July 2022

Led by Pau Lucio and Peter Eeles

Arrival flights to Santander were fairly late in the day and, with heavy rain greeting the guests, it was no surprise that no butterflies were seen on the way to Hotel Tierra de la Reina in Boca de Huérgano. Fortunately, we were able to adjust the week's itinerary on the fly, and no more raindrops were seen for the remainder of the trip! The six guests were Allan; Ken and Gillian; Michael; and Peter and Linda. Unfortunately, other guests that were due to join had tested positive for Cavid just a fave days before

for Covid just a few days before.

Day 1

The first proper day of the tour started with a refreshing breakfast and we were soon on our way, choosing to spend the day at relatively nearby sites given the travel the previous day.

The first site of the day was at Las Salas in Crémenes – following a path that ran along the base of rocky outcrops and which eventually opened up into a very productive clearing. We had early sightings of both Iberian Marbled White and Esper's Marbled White, and our first glimpses of the

seemingly ever-present Heath Fritillary. We also had our first sightings of Large Wall, Long-tailed Blue and Lang's Short-tailed Blue, with a couple of dozen Spanish Purple Hairstreak stealing the show as they nectared on umbellifers, with a Blue-spot Hairstreak keeping them company.



New species for the trip were being seen left, right and centre – with Spanish Gatekeeper a welcome addition given that we were on its home turf! The fritillaries were putting on a good show, with Silverwashed Fritillary, Dark Green Fritillary, Marbled Fritillary, Lesser Marbled Fritillary, Small Pearlbordered Fritillary, Weaver's Fritillary and Meadow Fritillary seen. The various heaths were also around with Small Heath, Chestnut Heath and Pearly Heath all present in good numbers. A Woodland Grayling was also seen, although this turned out to be the only sighting for the trip.

Birds were also showing well and we managed sightings of two superb species – the endemic

Iberian Chiffchaff and the Iberian Pied Flycatcher, the latter being a race of the nominate form, but a strong candidate to become a new species should the two be split.

On our way back to the van we caught our first glimpse not only of Wood White and Chalk Hill Blue, but also of the magnificent Apollo, with some of the group managing to get a photo and raising expectations of good things to come as the trip progressed.

One of the wonderful aspects of the Picos is the numerous picnic sites that are dotted around, each of which is typically found adjacent to unspoilt habitat worth examining! Lunch on day one was spent at an old chapel that overlooked a promising meadow, although the consumption of our delicious hotel-



provided salads, sandwiches and fruit was rudely interrupted by the sighting of a Large Tortoiseshell that was sunning itself on the chapel wall, alongside several Silver-washed Fritillary. Indigestion averted, a more leisurely time was spent exploring the meadow, where almost every umbellifer was playing host to one or more Sloe Hairstreak, making for a wonderful experience. A sighting of a possible Southern White Admiral was not sufficiently certain for us to record it – and we all hoped that we would catch up with this colourful species later in the trip.

We were also delighted to see a pair of Egyptian Vultures – a species that is fairly common in these wonderful mountains.



We then moved on to Argovejo – a quaint village nestled below the surrounding hills which, like many of the locations visited, had a waterway that ran through it. Even before we got through the village on our way to the hillside beyond, several Provençal Fritillary were found taking minerals and moisture from damp ground. Just beyond the village, however, the waterway had resulted in several more areas of damp ground, and this is where we found our first large groups of 'mudpuddling' butterflies, with blues, fritillaries, whites and skippers found in good numbers. This included several new species for the trip, including Mazarine

Chapman's Ringlet © Allan F

Blue, Turquoise Blue, Escher's Blue, Marbled Skipper, Red-underwing Skipper and Safflower Skipper.

Moving on further up the hill we came across several Clouded Yellow, but it was our first sightings of a target species for the trip, Chapman's Ringlet, that really stole the show. This is the largest of the *Erebia* genus found in Europe and relatively easy to identify, even in flight, due to its size. A worn female Black-veined White was also seen by one of the group – a species that must have been at the end of its flight period since it was the only specimen seen on the whole trip.

Day 2

The second day was focused on finding a target species for this trip – the extremely rare and local Dusky Large Blue. We started at a damp site that was awash with Great Burnet (*Sanguisorba*



officinalis), the larval foodplant used by the butterfly before the larvae move off the plant before, like related species such as the Large Blue, getting adopted by ants when they complete their development within an ant nest. Once at the site, finding the butterfly was relatively simple – just look at the flowerheads of Great Burnet and see if there is a butterfly present! Good numbers were found not just here, but at other sites found in this valley where Great Burnet was growing.

This damp site also allowed us to find our first 'coppers' of the trip, with both Scarce Copper and Purple-edged Copper found. Close by, we were also treated to a number of sightings of Spotted Fritillary,

including a very nice example of a female exhibiting the contrasting ground colour between forewings and hindwings.

We also spent some time at an adjacent site that opened up into a meadow where we had an unexpected, yet welcome, sighting of a mating pair of Glanville Fritillary – which were to be the only examples found during the entire trip! Other fritillaries were also added to the list, including our first (of many) Queen of Spain Fritillary, Knapweed Fritillary and False Heath Fritillary.

Yellowhammers, Linnets and a pair of Rock Buntings were also recorded during the morning, but probably the most impressive bird was our first Short-toed Eagle. This magnificent raptor



specialises in feeding on the abundant reptiles found in the Picos, particularly lizards and snakes.

We then headed off to Posada de Valdeón for our mid-morning coffee break – a very civilised aspect of this tour! – before making our way to a picnic site close by, nestled next to a large lake, and surrounded by lush vegetation and especially clovers. We managed to catch our first sighting of Marbled White while eating lunch before noticing a few small butterflies flying near the clovers. These turned out to be Short-tailed Blue flitting around their larval foodplant (and nectar source) with around a dozen males and a single female seen. We also managed to find a single male Sooty Copper that had clearly set

up its territory here, as it flew up to intercept passing insects before settling back on one of its perches. Quite a few Painted Lady were also found nectaring on the shores of the lake, and also

few dragonflies including Four-spotted Chaser and Common Bluet.

We made a couple of stops on the way back to the hotel, including a visit to an ancient 'wolf trap' that was once used by locals to reduce the number of wolves in the area by funnelling them down a hillside and into a pit where they ultimately met their demise. Despite the mixed feelings of such a tradition, the historical context of such a practice was absolutely fascinating.



Day 3

Our third day was spent at Crémenes that was especially good for the birdwatchers among us with impressive numbers of raptors flying – tens of Griffon Vultures mixed with Egyptian Vultures, Black Kites and Common Buzzards. In the oak forest we found a Bonelli's Warbler and a juvenile Redbacked Shrike being fed by the adults.



From a butterfly perspective, almost as soon as we left the bus, we were greeted with several sightings of Great Banded Grayling that were settling on the path in front of us, and this species was seen in good numbers for the rest of the day. As we moved into a more open area, a very fresh Queen of Spain Fritillary was seen roosting on some brambles, and we were also rewarded with the sight of a somewhat-worn Twin-spot Fritillary, with another found a little further on. A thorough examination of the ever-present Meadow Brown also resulted in a new species for the trip – the Dusky Meadow Brown.

The grassland and meadows that we eventually found ourselves in gave good sightings of both Mallow Skipper and Marbled Skipper, which were attracted to the flowers of Wild Thyme, along with several more Queen of Spain Fritillary. We also saw good numbers of Dark Green Fritillary and, among them, we had our first confirmed sightings of High Brown Fritillary – a species that had eluded us up to this point.

Walking down the path of this circular route, we came across several hairstreaks and, along with both Sloe Hairstreak and Blue-spot Hairstreak, we managed to get our first sightings of both llex Hairstreak and False llex Hairstreak. Moving on from 'hairstreak corner', we also came across some Broad-leaved Everlasting Pea that was thoroughly examined for eggs of Long-tailed Blue.

Not only were a couple of dozen eggs found, some of which had already hatched, but the plant was also visited by three Longtailed Blue females while we were there, with each examining the flower buds before depositing an egg. Observing such behaviour and locating immature stages added an extra dimension to the trip!

Further on, we had good sightings of a couple of Southern White Admiral that were obtaining minerals from some damp ground in a shaded area, together with a surprise sighting of a Chapman's Ringlet, in a field, as we returned to the bus.

We headed off for lunch at a picnic site nearby, this time at the base of a series of meadows that we were to enjoy for the rest of the day. The first notable sighting was of a Bath White – one of only two we were to see for the whole trip. But the appearance of several Cardinal, both male and female, caused much excitement. This is a spectacular and large insect, and the different colour hues and venation on the forewings helped



guests distinguish the two sexes. A little further on up the track, we also got our first sightings of Lulworth Skipper, with only fresh males seen, so presumably the butterfly was only just emerging here.

Day 4



This tour is known for four speciality butterflies. With Chapman's Ringlet and Dusky Large Blue already seen, we needed to make a special trip to Fuente De for both Gavarnie Blue and Lefebvre's Ringlet. An early morning start was needed to get us to our scheduled departure on the 1.5 kmlong cable car that would take us up to a plateau that offered spectacular views of the surrounding mountains and save us a 14km uphill hike to boot! The cable car is also quite speedy, travelling at 10 m/s, which is only noticeable when passing the cable car heading in the opposite direction, when there is a combined speed of around 45 miles per hour!

Once at the top, we proceeded to look at the plants growing between various limestone slabs, and some of the guests managed to find the alpine plant *Androsace mucronifolia* – the larval foodplant of the Gavarnie Blue. A few skippers got the heart racing before, finally, we were rewarded with sightings of two Gavarnie Blue females, although both had clearly been on the receiving end of a bird attack, since both had a chunk of hindwing missing. We then spent a good amount of time

watching various *Erebia* catching the sun on a rockface, although the terrain made them quite difficult to follow. Alongside several Chapman's Ringlet, we did get our first confirmed sightings of Piedmont Ringlet and we also found a mating pair of Olive Skipper – another new species for the trip.

As we were walking, we were adding some alpine bird specialities like the beautiful Snowfinch, Alpine Accentor, Water Pipit and Northern Wheatear.

We then followed the path up to where there were still pockets of snow/ice, and where we were hoping to catch a sighting of Wallcreeper. We did manage to find several fresh male Gavarnie Blue en route, as well as our first sighting of Lefebvre's Ringlet, which is particularly dark in colour in this part of the world. Once at the Wallcreeper hotspot





we decided to have lunch, in the company of several Alpine Chough, which came within a few feet of us as we offered them small pieces of bread.

After 30 minutes or so, the group divided in two, with a few staying on a bit longer to see the Wallcreeper, and the rest walking back to look for more butterflies. About 20 minutes later a wonderful Wallcreeper came out from the huge boulders below us and flew all the way to the cliffs, allowing nice views of its red and whitespotted wings, resembling a huge butterfly.

The two groups eventually rejoined, and we came across a particularly good damp patch that we'd previously missed. Here we had good sightings of

several new species for the trip, including Large Grizzled Skipper, Rosy Grizzled Skipper and Oberthür's Grizzed Skipper, flying alongside a number of male Gavarnie Blue and Marbled Skipper. One of the guests also managed to locate the only Common Brassy Ringlet seen on the trip. A small group of Piedmont Ringlet was also found taking moisture from a damp area on some limestone rocks. But the day was not over – a male Cleopatra with its distinctive orange and yellow colouring, the only one observed on the trip, was seen from the van while we were in transit!

Day 5

Another day, another habitat – this time near La Uña, where a couple of large ponds could be found at around 1625m. Both Scarce Copper and Purple-edged Copper were found, along with both Long-tailed Blue and Lang's Short-tailed Blue, and several Small Tortoiseshell larval webs. The main attraction, however, was the *Odonata* – with Dragonflies and Damselfies in profusion! The ponds were literally packed with the elegant Robust Spreadwing, Four-spotted Chaser, Common Darter and a few Blue Emperors. However, a surprise came in the form of the uncommon Yellow-winged Darter, whose main field characteristic is extensive yellow patches in the hindwing.



A little further on we found several rocky outcrops with Queen of Spain Fritillary, Piedmont Ringlet and Chapman's Ringlet in good numbers. Flying alongside the occasional Berger's Clouded Yellow was at least one Mountain Clouded Yellow, ably caught on camera by one of the guests. Another highlight at this spot, however, was a very obliging Apollo that was nectaring in a gully, providing

excellent photographic opportunities.



We had our morning coffee break as usual, this time complemented with a specialty of cider made from the local apple crop – very refreshing! We quickly moved onto lunch which was, again, held nearby at another picturesque picnic spot. This site was adjacent to a particularly productive meadow that had a good amount of Great Burnet and, lo and behold, Dusky Large Blue was soon found! Along with the many skippers, blues, heaths and fritillaries that we came to expect wherever we went, a single Bath White was also found.

A positive sighting of either Small Blue or Osiris Blue could not be narrowed down further (our species total now including a 'Cupido' species) despite a subsequent and thorough examination of the abundant Kidney Vetch for eggs, to confirm the presence of Small Blue (Osiris Blue using Sainfoin).

Our final stop was along a track that ran alongside a mountain stream where, surprisingly, a Chapman's Ringlet was found feeding on some damp earth, where it remained for at least 15 minutes. Time was getting on, although we did find another Cardinal nectaring on a knapweed nearby. As we were about to head back to the hotel, a Mallow Skipper and Chalk Hill Blue were found right next to the bus – a good omen for the days that were to follow.

Day 6

The excellent listing of species seen thus far allowed us some flexibility for our last full day and, by democratic vote, the group decided to revisit Argovejo, where we had seen several groups of mud-puddling butterflies earlier in the week – and this was certainly one of the many highlights of the trip. However, we now had time on our side and were able to explore more of the area and were able to continue further up the path that took

Cardinal © Ken E

us out of the village. It was still relatively cool when we arrived and the butterflies had yet to come down to mud-puddle in any significant numbers. However, a bonus of arriving earlier in the day is that we had excellent sightings of several Rock Grayling that were settled on the path.

Things were to improve significantly – the end of the path opened up into one of the most incredible sites that any of the group had come across, and the species listing for such a small area was quite something (for example, nine species of fritillary were found) and gave us our first



sightings of Niobe Fritillary. This area was so productive that some of the group decided to just wait by a patch of flowers and wait for butterflies to come to them!

The star of the show, however, was a male Purple Emperor that had a distinct liking for a particular bag that, we determined, had recently had the juice from a tuna sandwich spilled on it – how fortuitous! This photogenic specimen of His Imperial Majesty stayed with us for at least 20 minutes, with another male Purple Emperor found nearby who, presumably, decided that fame was not for him as he headed off over the treetops.

As we eventually walked back down the hill from our new favourite site, another Purple Emperor

was seen on a rockface. Things had now heated up considerably and, once again, we were treated to several groups of mud-puddling butterflies that can only be seen to be believed, with numbers of up to a dozen different species feeding together.

After coffee and lunch, we then moved on to San Glorio, a stretch of grassland interspersed with small water channels. It wasn't long before we came across specialities found in such a moisture-rich habitat, with excellent numbers of Purple-edged Copper (including egg-laying females laying on the abundant Common Sorrel) and our first sighting of Purple-shot Copper. A Chapman's Blue was also added to our tally for the trip.



Day 7

This was our last day and, with a late afternoon flight, we needed to head back toward Santander, and decided to stop near Aguilar de Campoo which, once again, turned out to be an incredible site! The site sits atop a plateau and this may be the reason that hill-topping species (searching out a high point to find a mate) were found here. What we weren't expecting to find were so many



Apollo butterflies – including females that were egg-laying on the abundant Sedums. All the group quickly figured out that the easiest way to find an Apollo was to locate a knapweed or thistle flowerhead which, more often than not, had an Apollo nectaring on it. This site must be something to behold when the large black Apollo caterpillars are fully grown and scuttling about!

This site also proved to be fairly good for other species too, such as Lulworth Skipper, although all eyes were on the abundant Apollo for the most part. Great Banded Grayling were also in good numbers, as were Blue-spot Hairstreak, and several Berger's Clouded Yellow were found egglaying on Horseshoe Vetch.

We were particularly thrilled by a sighting of a gorgeous male Montagu's Harrier – sadly a declining species due to farmland intensification. Hoopoe and the scarce Tawny Pipit were also seen.

As if to leave the group with a parting gift, our one and only Swallowtail glided across the site just minutes before we headed off to the airport, thereby concluding a thoroughly enjoyable trip to this very special part of the world. We ended the trip on a very respectable 101 species although all of the group agreed that this number was simply an indication of the biodiversity found here, and that it was the memories made in good company that would be fondly looked back upon.





Systematic Species Checklists

	Butt	terflies	4th July	5th July	6th July	7th July	8th July	9th July	10th July
Imag	go sightings are marked with a	√, caterpillars are marked with a ☆	day 1	day 2	day 3	day 4	day 5	day 6	day 7
	Family Papilionidae								
1	Swallowtail	Papilio machaon							√
2	Apollo	Parnassius apollo	✓				√	√	√
	Family Pieridae								
3	Black-veined White	Aporia crataegi	√						
4	Large White	Pieris brassicae	√	√			√	1	
5	Small White	Pieris rapae	✓	✓	✓	√	✓	✓	
6	Green-veined White	Pieris napi	✓		✓			1	
7	Bath White	Pontia daplidice			✓		√		
8	Berger's Clouded Yellow	Colias alfacariensis	✓	✓	✓	✓	✓	1	√
9	Clouded Yellow	Colias crocea	✓	✓	✓	✓	✓	1	✓
10	Mountain Clouded Yellow	Colias phicomone					✓		
11	Cleopatra	Gonepteryx cleopatra				✓			
12	Brimstone	Gonepteryx rhamni	✓	✓	✓	✓	✓	✓	√
13	Wood White	Leptidea sinapis	✓	✓	✓		✓	✓	
	Family Lycaenidae								
14	Spanish Purple Hairstreak	Laeosopis roboris	✓					√	
15	Sloe Hairstreak	Satyrium acaciae	✓		✓				
16	False Ilex Hairstreak	Satyrium esculi			✓				
17	Ilex Hairstreak	Satyrium ilicis			✓			√	
18	Blue-spot Hairstreak	Satyrium spini	✓		✓		✓	✓	✓
19	Purple-shot Copper	Lycaena alciphron						1	
20	Purple-edged Copper	Lycaena hippothoe		✓			✓	✓	
21	Small Copper	Lycaena phlaeas			✓				
22	Sooty Copper	Lycaena tityrus		✓					
23	Scarce Copper	Lycaena virgaureae		✓	✓		✓		
24	Holly Blue	Celastrina argiolus	✓	✓	✓		✓		
25	Lang's Short-tailed Blue	Leptotes pirithous	✓	✓	✓		✓		
26	Long-tailed Blue	Lampides boeticus	✓	✓	✓		✓		
27	Short-tailed Blue	Cupido argiades		✓				✓	
28	Small Blue	Cupido minimus					✓		
29	Dusky Large Blue	Phengaris nausithous		✓			✓		
30	Silver-studded Blue	Plebejus argus	✓	✓	✓		✓	✓	✓

	Butte	erflies	4th July	5th July	6th July	7th July	8th July	9th July	10th July
Imag	o sightings are marked with a ✓	, caterpillars are marked with a 🕸	day 1	day 2	day 3	day 4	day 5	day 6	day 7
31	Idas Blue	Plebejus idas	1	✓	✓		✓	✓	
32	Gavarnie Blue	Agriades pyrenaicus				✓			
33	Brown Argus	Aricia agestis	1	✓	✓		✓	✓	
34	Mountain Argus	Aricia artaxerxes	1	✓	✓			✓	✓
35	Mazarine Blue	Cyaniris semiargus	1						
36	Chalk-hill Blue	Polyommatus coridon	1		✓		✓	✓	
37	Turquoise Blue	Polyommatus dorylas	1		✓			✓	✓
38	Escher's Blue	Polyommatus escheri	1	✓	✓			✓	✓
39	Common Blue	Polyommatus icarus	1	✓	✓		✓	✓	
40	Chapman's Blue	Polyommatus thersites						✓	
	Family Nymphalidae								
41	Southern White Admiral	Limenitis reducta			✓				
42	Purple Emperor	Apatura iris						✓	
43	Peacock	Aglais io	✓	✓	√		✓	✓	√
44	Small Tortoiseshell	Aglais urticae	✓	✓		✓	✓	✓	
45	Large Tortoiseshell	Nymphalis polychloros	✓						
46	Red Admiral	Vanessa atalanta					✓	✓	
47	Painted Lady	Vanessa cardui	✓	✓	✓	1	✓		
48	Comma	Polygonia c-album			✓		✓	✓	
49	Queen of Spain Fritillary	Issoria lathonia		✓	✓		✓	✓	
50	Glanville Fritillary	Melitaea cinxia		✓					
51	False Heath Fritillary	Melitaea diamina		✓					
52	Knapweed Fritillary	Melitaea phoebe		✓	✓				
53	Spotted Fritillary	Melitaea didyma		✓				✓	√
54	Heath Fritillary	Melitaea athalia	✓	✓	✓		✓	✓	✓
55	Provençal Fritillary	Melitaea deione	✓					✓	
56	Meadow Fritillary	Melitaea parthenoides	✓	✓					
57	Silver-washed Fritillary	Argynnis paphia	✓		✓		✓	✓	
58	Cardinal	Argynnis pandora			✓		✓	✓	
59	Dark Green Fritillary	Speyeria aglaja	✓	✓	✓		✓	✓	
60	High Brown Fritillary	Fabriciana adippe			✓		✓		
61	Niobe Fritillary	Fabriciana niobe						√	
62	Small Pearl-bordered Fritillary	Boloria selene	✓	✓			√	√	
63	Weaver's Fritillary	Boloria dia	√		1				✓

	Butte	erflies	4th July	5th July	6th July	7th July	8th July	9th July	10th July
Imag	o sightings are marked with a ✓	, caterpillars are marked with a ☆	day 1	day 2	day 3	day 4	day 5	day 6	day 7
64	Marbled Fritillary	Brenthis daphne	✓	✓			✓		
65	Lesser Marbled Fritillary	Brenthis ino	✓	✓	√			✓	
66	Twin-spot Fritillary	Brenthis hecate			✓				
67	Speckled Wood	Pararge aegeria	1	✓	✓		✓	✓	
68	Wall Brown	Lasiommata megera		✓	✓				
69	Large Wall Brown	Lasiommata maera	✓	✓	✓	✓	✓	✓	
70	Spanish Chestnut Heath	Coenonympha glycerion iphioides	✓	✓			✓	✓	√
71	Pearly Heath	Coenonympha arcania	✓	✓	✓		✓	✓	√
72	Small Heath	Coenonympha pamphilus	✓	✓	✓		✓	✓	1
73	Gatekeeper	Pyronia tithonus			✓			✓	
74	Spanish Gatekeeper	Pyronia bathseba	✓		✓				√
75	Ringlet	Aphantopus hyperantus	✓	✓	✓			✓	
76	Meadow Brown	Maniola jurtina	✓	✓	✓		✓	✓	
77	Dusky Meadow Brown	Hyponephele lycaon			✓			✓	
78	Common Brassy Ringlet	Erebia cassioides				✓			
79	Lefèbvre's Ringlet	Erebia lefebvrei				✓	✓		
80	Piedmont Ringlet	Erebia meolans				✓	✓	✓	1
81	Chapman's Ringlet	Erebia palarica	✓		✓		✓	✓	
82	Marbled White	Melanargia galathea		✓					
83	Iberian Marbled White	Melanargia lachesis	✓	✓	√		✓	✓	√
84	Esper's Marbled White	Melanargia russiae	✓	✓	✓		✓		√
85	Great Banded Grayling	Brintesia circe			✓			✓	1
86	Grayling	Hipparchia semele	✓		✓			✓	√
87	Rock Grayling	Hipparchia alcyone						✓	1
88	Woodland Grayling	Hipparchia fagi	✓						
	Family Hesperiidae								
89	Southern Grizzled Skipper	Pyrgus malvoides					✓		
90	Olive Skipper	Pyrgus serratulae				✓		✓	
91	Oberthur's Grizzled Skipper	Pyrgus armoricanus				✓	✓		
92	Large Grizzled Skipper	Pyrgus alveus				√			
93	Rosy Grizzled Skipper	Pyrgus onopordi				✓			
94	Safflower Skipper	Pyrgus cathami	√	✓					
95	Red Underwing Skipper	Spialia sertorius	✓	✓				✓	
96	Mallow Skipper	Carcharodus alceae			1		✓		

Imag		erflies , caterpillars are marked with a ☆	4th July day	5th July day	6th July day	7th July day	8th July day	9th July day	10th July day
		'	1	2	3	4	5	6	7
97	Marbled Skipper	Carcharodus lavatherae	✓	✓	✓	✓	✓	✓	
98	Essex Skipper	Thymelicus lineola		✓					
99	Lulworth Skipper	Thymelicus acteon			✓				✓
100	Small Skipper	Thymelicus sylvestris	✓	✓	✓		✓	✓	✓
101	Large Skipper	Ochlodes sylvanus	✓	✓	✓			✓	

	Biro	ds	4th July	5th July	6th July	7th July	8th July	9th July	10th July
	cies seen are marked with a vector with $\mathfrak{J}^{\mathfrak{J}}$, those heard but not seen are	day 1	day 2	day 3	day 4	day 5	day 6	day 7
1	Great Cormorant	Phalacrocorax carbo	✓	✓	✓	✓	✓		
2	Mallard	Anas platyrhynchos		✓					
	Mute swan	Cygnus olor							√
	White stork	Ciconia ciconia	✓	✓	✓	✓	✓	✓	√
	Little egret	Egretta garzetta							√
	Cattle egret	Bubulcus ibis							√
	Grey heron	Ardea cinerea		✓	√	✓	✓	1	
	Egyptian vulture	Nephron percnopterus	✓	✓	√		✓		
1	Griffon Vulture	Gyps fulvus	✓	✓	✓	✓	✓	1	✓
4	Short-toed Eagle	Circaetus gallicus		✓			✓		✓
5	Black Kite	Milvus migrans	✓	✓	√	✓	✓	1	
6	Montagu's Harrier	Circus pygargus							✓
8	Common Buzzard	Buteo buteo	✓	✓	√	✓	✓	√	
9	Kestrel	Falco tinnunculus	✓	✓		✓	✓	√	
	Yellow-legged Gull	Larus michahellis			√		✓	√	
	Rock Dove/Feral Pigeon	Columba livia							✓
10	Wood Pigeon	Columba palumbus	✓	✓	√		✓	1	✓
12	Cuckoo	Cuculus canorus	✓		√	✓			
	Tawny Owl	Strix aluco		222					
13	Common Swift	Apus apus	√	✓	√		✓	√	√
	Ноорое	Upupa epops							√
15	Iberian Green Woodpecker	Picus sharpei		✓	√	✓			

	Biro	ls	4th July	5th July	6th July	7th July	8th July	9th July	10th July
	ies seen are marked with a ✓ ed with ♪♪	, those heard but not seen are	day 1	day 2	day 3	day 4	day 5	day 6	day 7
16	Great Spotted Woodpecker	Dendrocopos major	✓	✓					
17	Woodlark	Lululla arborea							✓
18	Skylark	Alauda arvensis						✓	
	Sand Martin	Riparia riparia			✓				
19	Swallow	Hirundo rustica	✓	✓	✓	✓	✓	✓	✓
	Crag Martin	Ptyonoprogne rupestre	✓		✓	✓		✓	
20	House Martin	Delichon urbicum	✓		✓		✓	✓	
	Tawny Pipit	Anthus campestris							✓
21	Tree Pipit	Anthus trivialis		✓	✓		✓		
22	Water Pipit	Anthus spinoletta				✓			
23	Grey Wagtail	Motacilla cinerea	✓	✓	✓	✓			
24	White Wagtail	Motacilla alba	✓	✓	✓	✓	✓		
	Pied Flycatcher	Ficedula hypoleuca	✓		✓	✓	✓	✓	
25	Robin	Erithacus rubecula	✓				✓	✓	
	Stonechat	Saxicola torquata		✓		✓			✓
	Nightingale	Luscinia megarhynchos	272				272	272	
26	Common Redstart	Phoenicurus phoenicurus		✓		✓			
27	Black Redstart	Phoenicurus ochruros	✓	✓	✓	✓	✓	✓	✓
28	Northern Wheatear	Oenanthe oenanthe				√	✓		
29	Song Thrush	Turdus philomelos	✓	✓	✓		✓	✓	
30	Blackbird	Turdus merula	✓	✓	✓	✓	✓	✓	
31	Mistle Thrush	Turdus viscivorus	✓	✓	✓		✓	✓	
	Dipper	Cinclus cinclus	✓	✓	✓				
32	Blackcap	Sylvia atricapilla		✓	✓		✓	✓	
	Garden Warbler	Sylvia borin	✓	✓	✓		✓	✓	
	Common Whitethroat	Sylvia communis		✓	✓				
	Cetti's Warbler	Cettia cetti	✓		✓				
33	Iberian Chiffchaff	Phylloscopus ibericus	✓	✓	✓				
34	Western Bonelli's Warbler	Phylloscopus bonelli			✓		✓		
35	Firecrest	Regulus ignicapilla			√	✓	✓		

	Bird	s	4th July	5th July	6th July	7th July	8th July	9th July	10th July
	ies seen are marked with a $✓$ ed with ${ m J}^{ m I}$, those heard but not seen are	day 1	day 2	day 3	day 4	day 5	day 6	day 7
36	Wren	Troglodytes troglodytes	✓	✓	✓		✓	✓	
38	Great Tit	Parus major	✓		✓		✓	✓	
39	Coal Tit	Periparus ater		✓					
40	Blue Tit	Cyanistes caeruleus	✓	✓	✓			✓	
41	Crested Tit	Lophophanes cristatus				✓			
43	Nuthatch	Sitta europaea			✓				
	Wallcreeper	Tichodroma muraria				✓			
	Short-toed Treecreeper	Certhia brachydactyla	✓				✓	✓	
44	Red-backed Shrike	Lanius collurio	✓	✓	✓	✓	✓		
45	Magpie	Pica pica	✓	✓	✓	✓	✓	✓	✓
46	Jay	Garrulus glandarius	✓	✓	✓	✓	✓	✓	✓
47	Chough	Pyrrhocorax pyrrhocorax			✓	✓			
	Alpine Chough	Phyrrhocorax graculus				✓	✓		
49	Carrion Crow	Corvus corone		✓	✓	✓	✓	✓	✓
50	Raven	Corvus corax		✓	✓	✓	✓	✓	✓
51	Spotless Starling	Sturnus unicolor	✓			✓			
52	House Sparrow	Passer domestica	✓	✓	✓	✓	✓	✓	
	Rock Sparrow	Petronia petronia		✓	✓				
53	Dunnock	Prunella modularis			✓		✓	✓	
	Alpine Accentor	Prunella collars				✓			
54	Golden Oriole	Oriolus oriolus	✓		✓				
	Snowfinch	Montifringilla nivalis				✓			
55	Chaffinch	Fringilla coelebs	✓	✓	✓			✓	
56	Goldfinch	Carduelis carduelis	✓	✓	✓	✓	✓	✓	
57	Greenfinch	Chloris chloris			✓		✓		
58	Serin	Serinus serinus	✓	✓	✓	✓	✓	✓	✓
	Linnet	Carduelis cannabina	✓	✓	✓	✓	✓	✓	✓
59	Rock Bunting	Emberiza cia		✓					
60	Yellowhammer	Emberiza citrinella		✓	✓	✓	✓	✓	

With thanks to Gillian for compiling a plant list

	Notab	le Plants	4th July	5th July	6th July	7th July	8th July	9th July	10th July
Ende	emic species are noted with a	. * *	day 1	day 2	day 3	day 4	day 5	day 6	day 7
	Dicotyledons								
	Apiaceae								
3	Masterwort	Astrantia major		✓					
	Wild Carrot	Daucus carota			✓				
	An Eryngo	Eryngium bourgatii var. pyrenaicum ☆	✓	✓	✓	✓			1
4	Villous Deadly Carrot	Thapsia villosa			✓				
	Asteraceae	,							
	Yarrow	Achillea millefolium			1				
	Corn Chamomile	Anthemis arvensis			1				
	Alpine Aster	Aster alpinus				✓			
6	Pyrenean Thistle	Carduus Pyrenean				✓			
	Musk Thistle	Carduus nutans	✓		✓				
8	Yellow Star-thistle	Centaurea solstitialis			1				
9	Creeping Thistle	Cirsium arvense			✓				
	Meadow Thistle	Cirsium dissectum		✓					
	Spear Thistle	Cirsium vulgare							1
	Common Cudweed	Filago germanica			1				
	Curry Plant	Helichrysum stoechas							1
	Woolly Hawkweed	Hieracium tomentosum				✓			
	Ragwort	Jacobaea vulgaris					✓		
11	Ox-Eye Daisy	Leucanthemum vulgare			1				
	Cone Knapweed	Leuzea conifera							✓
	Mouse-ear Hawkweed	Pilosella officinarum			1				
	Cotton Lavender	Santolina chamaecypaissus	✓		1				
	Golden Rod	Solidago virgauria						✓	
	Boraginaceae								
12	Viper's Bugloss	Echium vulgare		✓	✓			✓	
	Glandora	Glandora diffusa			✓				
	Alpine Forget-me-not	Myosotis alpestris				✓			

	Notable Pl	ants	4th July	5th July	6th July	7th July	8th July	9th July	10th July
Ende	emic species are noted with a \$		day 1	day 2	day 3	day 4	day 5	day 6	day 7
	Brassicaceae								
	Yellow Alyssum Aly	vssum alyssoides				✓			
	A Whitlow-grass Dra	aba dedeana				✓			
	A Wallflower Ery	ysimum duriaei				✓			
	Chamois cress Ho	ornungia alpina				✓			
	Campanulaceae								
13	Clustered Bellflower Ca	ampanula glomerata					✓		
14	Rampion Bellflower Ca	ampanula rapunculus			✓				
	Harebell Ca	ampanula rotundifolia				✓	✓		
	Sheep's Bit Jas	son leaves			✓	✓		✓	
16	Round-headed Rampion Ph	nyteuma orbiculare				✓			
	Caprifoliaceae								
17	Field Scabious Kn	autia arvensis						✓	
	Small Scabious Sc	abiosa columbaria		✓	✓		✓		1
	Devil's-bit Scabious Su	iccess pratensis						✓	
	Caryophyllaceae								
	Mountain Sandwort Are	enaria montana				✓			
	Field Mouse-ear Ce	erastium arvense				✓			
	Maiden Pink Dia	anthus deltoides		✓			✓		
18	Clavelina Dia	anthus hyssopifolius		✓					
	Alpine Gypsophila Gy	psophila repens				✓			
20	Bladder Campion Silv	ene vulgaris				✓			
	Celastraceae								
	Grass of Parnassus Pa	rnassia palustris	✓						
	Cistaceae								
21	Common Rockrose He	elianthemum nummularium				✓			
	Crassulaceae								
	Pale Stonecrop Pe	etrosedum sediforme	✓						
	White Stonecrop Se	edum album	✓						✓
	English Stonecrop Se	edum anglicum ssp. pyrenaicum		✓			✓		
	Ericaceae								

	Notable	Plants	4th July	5th July	6th July	7th July	8th July	9th July	10th July
Ende	mic species are noted with a %		day 1	day 2	day 3	day 4	day 5	day 6	day 7
	Ling	Calluna vulgaris		✓				✓	
	Cross-leaved Heath	Erica tetralix					✓		
	Fabaceae								
	Kidney Vetch	Anthyllis vulneraria ssp. pyrenaica				✓			
	Prostrate Canary Clover	Dorycnium pentaphyllum			✓				
23	Hedgehog Broom	Genista legionensis ☆				✓			
	Broad-leaved Everlasting Pea	Lathyrus latifolia			✓				
	Bird's-foot Trefoil	Lotus corniculatus		✓				✓	
	Greater Bird's-foot Trefoil	Lotus pedunculatus	✓						
	Black Medick	Medicago lupulina				✓			
24	A Restharrow	Ononis sp.			√				
25	Red Clover	Trifolium pratense			√				
	Fagaceae								
	Pyrenean Oak	Quercus pyrenaica			√				
	Gentianaceae								
27	Yellow Gentian	Gentiana lutea		✓					
28	Trumpet Gentian	Gentiana occidentalis				√			
	Marsh Felwort	Swertia perennis		√					
	Geraniaceae								
29	Herb Robert	Geranium robertianum						√	
	Lamiaceae								
	Betony	Betonica officinalis					✓		
31	Alpine Basil	Clinopodium alpinum				✓			
	Horse Mint	Mentha longifolia						✓	
	Pennyroyal	Mentha pulegium			✓				
33	Large-flowered Selfheal	Prunella grandiflora		✓				✓	
37	Wall Germander	Teucrium chamaedrys			√				√
38	Pyrenean Germander	Teucrium pyrenaicum				✓			
	Mastic Thyme	Thymus mastichina				√			
	Wild Thyme	Thymus praecox ssp. polytrichus	√		√				
	Linaceae	,							

	Notable	e Plants	4th July	5th July	6th July	7th July	8th July	9th July	10th July
Ende	mic species are noted with a s	,	day 1	day 2	day 3	day 4	day 5	day 6	day 7
	Pale Flax	Linum bienne			✓				
39	Pyrenean Flax	Linum suffruticosum				1			
	Malvaceae								
41	Musk Mallow	Malva moschata		✓					
	Orobanchaceae								
	An Eyebright	Euphrasia sp.		✓					
45	Greater Broomrape	Orobanche rapum-genistae					✓		
44	Whorled Lousewort	Pedicularis verticillata				✓			
	Greater Yellow Rattle	Rhinanthus major						✓	
	Papaveraceae	1							
	California Poppy	Eschscholzia californica		✓					
	Long-headed Poppy	Papaver dubium		✓					
	Plantaginaceae								
46	Small-flowered Foxglove	Digitalis parviflora		✓					
	Fairy Foxglove	Erinus alpinus				1			
48	Alpine Toadflax	Linaria alpina ssp. filicaulis ☆				✓			
49	Hoary Plantain	Plantago media					✓		
	Plumbaginaceae								
	Mountain Thrift	Armeria cantabrica		✓		✓			
	Polygalaceae								
	A Milkwort	Polygala sp.				✓			
	Polygonaceae								
51	Bistort	Bistorta officinalis		✓			✓	√	
	Curled Dock	Rumex crispus		✓					
	Primulaceae								
	Shaggy Rock Jasmine	Androsace mucronifolia				√			
	Ranunculaceae								
	Columbine	Aquilegia pyrenaica ssp. discolor			✓				
53	Green Hellebore	Helleborus viridis					1		
54	Common Water Crow-foot	Ranunculus aquatilis						✓	
	Rosaceae								

	Notable	Plants	4th July	5th July	6th July	7th July	8th July	9th July	10th July
Ende	mic species are noted with a &		day 1	day 2	day 3	day 4	day 5	day 6	day 7
56	Alpine Lady's Mantle	Alchemilla alpina				✓			
57	Wild Cherry	Prunus avium					✓		
	Alpine Rose	Rosa pendulina					✓	✓	
	Great Burnet	Sanguisorba officinalis		✓			✓		
	Rubiaceae								
59	Lady's Bedstraw	Galium verum		✓	✓			✓	
	Scrophulariaceae								
62	Hoary Mullein	Verbascum pulverulentum	✓		✓				
	Valerianaceae								
64	Pyrenean Valerian	Valeriana pyrenaica	✓					✓	
	Violaceae								
	Violet Mountain Pansy	Viola bubanii					✓		
65	Heartsease	Viola tricolor		✓					
	Monocotyledons								
	Amaryllidaceae								
	Round-headed Leek	Allium sphaerocephalon	✓						✓
	Asparagaceae								
66	A Star-of-Bethlehem	Ornithogalum pyrenaicum		✓					
	Colchicaceae								
	Autumn Crocus	Colchicum montanum				✓		✓	
	Cyperaceae								
	Common Cotton Grass	Eriophorum angustifolium		✓					
	Iridaceae								
	English Iris	Iris jacquinii		✓					
	Liliaceae								
67	Martagon Lily	Lilium martagon		✓					
	Orchidaceae								
73	Pyramidal Orchid	Anacamptis pyramidalis			✓				
	Robust Marsh Orchid	Dactlyorhiza elata var. ibirica	✓	✓					
74	Heath Spotted Orchid	Dactylorhiza maculata		✓					
75	Dark Red Helleborine	Epipactis atrorubens		✓					

Notable Plants Endemic species are noted with a ☆			4th July day	5th July day	6th July day	7th July day	8th July day	9th July day	10th July day
			Ĩ,	2	3	4	5	6	7
69	Marsh Helleborine	Epipactis palustris						✓	
70	Lizard Orchid	Himantoglossum hircinum			✓				
76	Woodcock Orchid	Ophrys scolopax			✓				
	Poaceae								
	Quaking Grass	Briza media		✓	✓				
	Yorkshire Fog	Holcus lanatus			✓				

Other Notable Species

Moths

Forester Moth Adscita sp.
Cream-spotted Tiger Arctia villica

Hummingbird Hawkmoth Macroglossum stellatarum

Chimney Sweeper Odezia atrata

Wood TigerParasemia plantaginisJuly BelleScotopteryx luridataSouthern Six-spot BurnetZygaena transalpina

Five-spot Burnet Zygaena trifolii

Damselflies and Dragonflies

Blue Emperor Anax imperator

Beautiful Demoiselle Calopteryx virgo meridionalis

Common Blue Damselfly Enallagma cyathigerum

Robust Spreadwing Lestes dryas
Common Spreadwing Lestes sponsa

Four-spotted Chaser Libellula quadrimaculata
Yellow-winged Darter Sympetrum flaveolum
Common Darter Sympetrum striolatum

Other Invertebrates

Common Carder Bee Bombus pascuorum
A Stonefly Dinocras cephalotes
An Owlfly Libelloides longicornis

Paper Wasp Polistes sp.
A Bush Cricket Pycnogaster sp.
Violet Carpenter Bee Xylocopa violacea

Reptiles and Amphibians

Slow-worm

Schreiber's Green Lizard

Lacerta schreiberi

Iberian Wall Lizard

Podarcis hispanica

Common Frog

Rana temporaria

Ocellated Lizard

Timon lepidusi

Mammals

Spanish Ibex Capra pyrenaica
Red Deer Cervus elaphus
Red Fox Vulpes vulpes

Photo Gallery





















































































































































































