

Butterflies & Moths of the Spanish Pyrenees

Naturetrek Tour Report

13 - 20 July 2016



Eyed Hawk-moth



Scarce Copper



Queen of Spain Fritillary



Griffon Vultures

Report and images by Gerald Broddelez



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Summary

Naturetrek's fourth butterfly and moth tour to the Spanish Pyrenees was truly fantastic, with over 200 butterfly and moth species observed and identified! As well as Lepidoptera, we enjoyed the birds, flowers and other fauna. Highlights included many birds of prey and, most memorably, more than 1,000 Griffon Vultures feeding at Santa Cilia.

A really enthusiastic and expert group made the most of the week and we had a wonderful time exploring many different spectacular environments, from high alpine passes to the rugged and dry pre-Pyrenean ranges. Thanks must go to Peter and Melanie, our hosts at Casa Sarasa, who made us really welcome in their lovely 'casa rural' and kept us going with great breakfasts, delicious picnics and wonderful dinners. Peter also provided a moth trap which accounted for the good numbers in moth species observed. Thanks also to Ivan who was helping out at the Casa during the week and was unfailingly courteous, friendly and hardworking.

Day 1

Wednesday 13th July

After a flight from the UK, group members arrived at Zaragoza Airport where we collected our minibus. We then had a good drive to Casa Sarasa, seeing Black and Red Kites, Griffon Vulture and White Stork along the way.

Once at Casa Sarasa we were shown our rooms and then, after a short welcome briefing, we had the first of some excellent dinners. Because of the strong winds, we postponed setting up the moth trap in the garden.

Day 2

Thursday 14th July

Aragon River, Fago Valley & Binies Gorge

It was still very windy as we left this morning. In the garden many Humming-bird Hawk-moths and some Southern Gatekeepers were spotted. After yesterday's hot drive from the airport, travel was kept to the minimum and we drove for a few minutes to the north side of the River Aragón at Martes.

On arrival we spotted a Little Owl followed by our first Rock Sparrows on the bridge, but soon we were busy spotting butterflies along the boundary between harvested barley fields and the soto (riverine forest). Sightings included Red-underwing Skipper, Long-tailed and Foster's Furry Blues, the smart Queen of Spain Fritillary, all three Gatekeeper species – Common, Spanish and Southern, and Marbled White: a great start! A Eurasian Hobby passed overhead and the river held Common Sandpiper and Yellow-legged Gull. Eurasian Golden Oriole and several species of warbler including Western Bonelli's Warbler were singing in the poplar trees.

After a really productive start to the week, it was getting hot so we drove back to Casa Sarasa for our picnic of delicious Spanish Omelette and salad. We then had a rest during the hottest part of the day before setting off up the Fago valley. At a scheduled stop alongside a flowery verge the hoped-for clouds of butterflies were dancing: Marbled Whites and three species of gatekeeper were the most numerous, with several species of blues and our

first Spanish Swallowtails. We also saw Woodchat Shrike and an especially attractive plant was the endemic pink Pyrenean Rock-rose.

The viewpoint at the top of Fago Gorge was a dramatic backdrop with Griffon Vultures present in large numbers; flying overhead and beneath us, on nests and perched on the cliff edges. The incessant sound of a chorus of cicadas was punctuated sporadically by the trill of Alpine Swifts overhead. Continuing up and over into the adjacent Ansó valley brought us to the low-level Biniés Gorge. We travelled up to the Foz de Binies – a really impressive gorge carved out by the Rio Veral. A young Griffon Vulture was sitting in the middle of the road allowing excellent views until it took off with some big wingbeats. It was a great finale to the day and we returned to Casa Sarasa hot, tired and happy!

As on every evening, we met before dinner for a drink and to go over our lists

Day 3

Friday 15th July

Hecho

After breakfast we drove to the alpine meadows at the top of the Hecho valley in search of mountain butterfly species, and we had a fabulous and productive day. The altitude helped mitigate the hot weather and the valley was really beautiful.

On the way up we saw Yellowhammer (a montane species here in the Pyrenees), Red-billed and Alpine Choughs and our only Booted Eagle of the trip. Despite the long drought there were quite a few flowers, particularly along the streams - good news for butterflies! We found Turquoise Blue, the stunning Scarce Copper and Heath Fritillary. We were also treated to great views of an immature Short-toed Snake Eagle. As for alpine butterfly species, we saw Mountain Argus, Piedmont Ringlet and Purple-shot Copper. We had planned to be here for a quick hour but ended up staying for one and a half hours! Other butterflies included Queen of Spain Fritillary with its mirror-like underwing markings, Silver-washed and Dark Green Fritillaries, False Heath Fritillary with its fairly dark upper wings which was fantastic to see, Swallowtail, Dusky Meadow Brown and Baton Blue. We could have stayed all day! On the mammal front we saw Pyrenean Chamois grazing on the skyline and Alpine Marmots whistling and arm wrestling in the meadow above us.

We then drove down to the Oza forest in the valley to find a shady spot where we had a wonderful salad, cheese, sausage and fruit picnic. A big bramble nearby was full of butterflies including Cleopatra, Southern White Admiral, Large Blue, Twin-spot Fritillary and Wood White. Citril Finch, White-throated Dipper, Grey Wagtail and a day flying Daubenton's Bat were other highlights.

Next we stopped near the bar at Oza for coffee/ice cream and more butterfly spotting on the edge of the beech forest. Again this was a superb spot with clouds of butterflies providing great opportunities for the keen photographers (most of the group!) Highlights here were Dusky Meadow Brown, Blue-spot Hairstreak and Marbled Fritillary. Overhead a pair of Lammergeier (Bearded Vulture) was showing off by synchronized flying among the many Griffon and Egyptian Vultures. It was getting late by this time so we headed back to Casa Sarasa for a welcome shower and rest before going over the lists and having another excellent dinner.

Day 4

Saturday 16th July

Portalet & Lake Sarra

Today was hot and sunny again so, after dealing with the ever-growing amount of moths caught overnight in the trap, we set out for the cooler heights of Portalet and the Valle de Tena high on the French border, to try for more alpine butterfly species. Here we walked a beautiful loop around the mountain just west of the pass. Water Pipits were busy along the stream, Griffon Vultures were soaring above, and there were many Pyrenean Iris. We had excellent views of Apollo, the Pyrenean butterfly par excellence, Large Wall Brown, Mountain Argus and our first Silver-studded Blue. Among the rocks were Wall Lizards, Paniculate Saxifrage, Harebells and several different Pinks.

A small tarn held several Common Hawkers, Broad-bodied and Four-spotted Chasers and some unidentified blue damselflies darted around the reeds. At the border with France we came face to face with the dramatic volcanic mass of Pic du Midi d'Óssau, where Richard found our only Purple-edged Copper of the trip.

After a stop for a drink – it was still hot, even at 1,700 metres – we headed down the valley to La Sarra reservoir for lunch. Here, surrounded by high granite peaks, we had our picnic and then walked along a mountain stream and the banks of the reservoir spotting more Lepidoptera. There were Six-spot Burnet moths on Scabious flowers, a Large Grizzled Skipper nectaring on Yarrow, Orange Tip, Green-veined White and Meadow Fritillary. We also enjoyed seeing some new flowers along a shady path including Mountain Sanicle, Spiked Rampion, Snow Gentian and Creeping Bellflower. By the lake we noticed butterflies drinking around some puddles. We had excellent views and photographs of up to 10 different species of butterfly including many blues and skippers which tested our identification skills. An excellent note to finish the day on!

Another great day was rounded off by going over the checklists, finishing identifying the morning's moths and another wonderful dinner at Casa Sarasa.

Day 5

Sunday 17th July

Aisa Valley

After breakfast we headed towards the Aisa valley – one of the best areas for butterflies in the Pyrenees – and we were full of expectation! It took just under an hour to get there, driving through ever more beautiful countryside with great views up to the high mountains.

Once near Aisa we stopped along the roadside full of scabious flowers proving the main attraction for nectaring butterflies. There were hundreds of butterflies: Dark Green, Glanville and Knapweed Fritillaries, Large Skipper, Southern Gatekeeper and several Spanish Swallowtails in pristine condition. It wasn't so much the number of different species but the sheer quantity of butterflies that was fantastic.

Next we drove to the turnoff where we spent the next hour or so identifying the huge numbers of butterflies. Cleopatras stole the show with their orange flashing wings, and several species of Fritillary including Spotted, Shepherd's and Marsh all gave good views. We could have happily spent another hour here but we wanted to find new species for our list so we drove up the valley and stopped at a promising gully at about 1,250 metres. Here the main food plants were Dwarf Elder as well as Scabious (*S. cinerea*), thistles and Broad-leaved

Everlasting Pea. We were soon spotting new species and most of the group were photographing and identifying furiously! Highlights were a single Clouded Apollo, many Chestnut and Spanish Heaths, White-letter Hairstreak, Ripart's Anamalous Blue and Woodland Grayling. There were many Silver-washed and Queen of Spain Fritillaries, several Marbled Fritillaries, and some Lesser Marbled Fritillaries whose food plant, Meadowsweet (*Filipendula ulmaria*) was growing in the gully below the road. It was wonderful to see a few Scarce Coppers and, as usual, Spanish Chalk-hill and Turquoise Blues were plentiful. Overhead a group of calling Northern Ravens kept us entertained for a while.

By this time we were feeling hungry so we went to a really nice spot by the river. It was good to be in the shade for a while as we enjoyed another picnic of salad, local salami and cheese and fruit...in the company of a hundred young Spanish children on the way to their campsite! We then stopped at a restaurant nearby for cold drinks and ice creams before exploring an area near a small waterfall, adding a few new species to the growing list.

It had been another warm, productive (over 60 species of butterfly) and fun day in the Pyrenees.

Day 6

Monday 18th July

David Nash site & Roncal Valley

The highlights of last night's moth trapping included Passenger and Oak Eggar.

It was a short distance to the David Nash sculpture site. The sculptures themselves were fantastic to see: Welsh Oak trunks carved and burned and arranged to mark the winter and summer equinoxes. To quote his website: "David Nash is one of the founders of the 'Land-Art' movement that came into being in England at the end of the 1960s and the beginning of the 1970s. Nash is described by critics as an experimental artist, with a singular tendency to the incomplete and open, including natural processes in his work. He is associated with the nature-art movement, in which artistic pieces relate in such a way with nature that they create new spaces". We soon found Purple Hairstreak – fantastic! As you would expect, it was in an Oak (*Quercus faginea*). We then went on to find many Spanish Swallowtail and several blues.

Heading for the high tops, this time up the Roncal Valley, we stopped unexpectedly, first for a European Honey Buzzard low overhead, and then for a Pine Marten crossing the road in front of the vehicle! What a great animal to see in broad daylight! We then drove to the top of the valley towards the pass of St Martin on the French border, stopping to admire the views and the stack of Griffon Vultures wheeling around. Here we did a short walk through a veritable alpine garden; a karst landscape clothed in open Mountain Pine woodland. There was a wonderful array of flowers on display, and in turn they were attracting a range of butterflies including Large, Spanish Brassy, Piedmont and Mountain Ringlets.

We then drove a bit lower down the mountain for lunch. Here we had a cold drink and found several vultures soaring by at eyelevel and European Serin displaying. Lower down we made a stop near the turnoff for Anso and spent the next couple of hours identifying over 40 species of butterfly in one large meadow. We found our first White Admiral, five species of fritillary, many Cleopatras, Wood White, Purple, Ilex and Blue-spot Hairstreaks, Forster's and Mazarine Blues, several Gold-ringed Dragonflies and Southern Skimmer.

It was good to get back to our base at Casa Sarasa for a shower and drink before going through the (ever longer) lists and to have dinner. After dinner we had a short visit to a nearby area where we all heard calling Eurasian Eagle-Owl and European Nightjar, and some of us were lucky enough to see the mighty hunter fly along the tree edge.

Day 7

Tuesday 19th July

Atares, Santa Cilia Vulture Feed Station & San Juan

Another hot day dawned and in the moth trap this morning we had, among many other species, Lunar Thorn and Scarce Blackneck. A short walk near Atares added a Light-crimson Underwing, many Western Bonelli's Warblers and a host of (by now) common butterflies to the list.

As a change from butterfly hunting, we went to Santa Cilia where food (animal carcasses) is put out for the vultures. As we were a bit early we spent some time in a field looking for butterflies and saw many Queen of Spain and Silver-washed Fritillaries, Marbled Skippers including the leuco form, Cleopatra, Brimstone, and Blue-spot and Ilex Hairstreaks. We could also see large numbers of vultures spiraling in the sky.

We waited in the hide as the vultures took their time in coming down to eat. When they did it was amazing just how many Griffon Vultures there were. We counted well in excess of a thousand! It was fascinating to see these huge birds coming in to land and wait their turn to share in the 'feast'. Also at the feeding site were a dozen Egyptian Vultures plus Red Kites swooping down for a morsel and a Red Fox. Wonderful!

We then drove up the mountain to San Juan. We parked at the Monasterio Nuevo and had our sandwiches in the shade of some tall Scots Pines. After this, some explored the monastery itself before going on a walk through the forest up to the north ridge of the mountain. Here we enjoyed fabulous views over the Pyrenees and the Aragón valley, recognising some of the areas we had visited over the week. European Crested Tits were seen overhead as well Western Bonelli's Warbler.

This evening we had our final supper of the week. It was excellent, as always, with plenty of good food and wine. Pete and Mel invited us to a glass of cava to toast a really successful week and a long list of butterflies and moths.

Day 8

Wednesday 20th July

Bedrun, Riglos & Zaragoza

Our last day dawned clear and a little cooler after the storm last night. We loaded our bags into the minibus and set off for Riglos for a short exploration before driving to the airport. At Riglos we walked out of the village, watching climbers scale the Riglos cliffs, and explored the Mediterranean scrub which included Kermes Oak, Rosemary, Lavender and French Lavender, under the towering cliffs of the Mallos de Riglos - a spectacular spot!

Continuing, we drove the back way, passing by Sotonera Lake and eventually arriving at the main road. Then it was a fast drive down the motorway to Zaragoza, seeing our last Red Kites as we went.

After a really good week of many butterflies and moths, great company and the wonderful Pyrenees, it was time for group members to fly back to the UK where another Naturetrek adventure came to an end.

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Checking the moth trap



'blues' galore

Species Lists

Butterflies (✓=recorded but not counted)

	Common name	Scientific name	July							
			13	14	15	16	17	18	19	20
1	Swallowtail	<i>Papilio machaon</i>		x	x	x		x		
2	Spanish Swallowtail	<i>Iphiclide feisthamelii</i>		x			x	x	x	
3	Spanish Festoon	<i>Zerynthia rumina</i>			x					
4	Apollo	<i>Parnassius apollo</i>				x		x		
5	Clouded Apollo	<i>Parnassius mnemosyne</i>					x			
6	Black-veined White	<i>Aporia crataegi</i>			x	x	x	x		
7	Large White	<i>Pieris brassicae</i>			x	x	x	x	x	
8	Small White	<i>Artogeia rapae</i>		x	x	x	x	x	x	
9	Mountain Small White	<i>Artogeia ergane</i>			x	x	x	x		
10	Green-veined White	<i>Artogeia napi</i>			x	x		x		
11	Bath White	<i>Pontia daplidice</i>		x			x	x		
12	Orange Tip	<i>Anthocharis cardamines</i>				x				
13	Pale Clouded Yellow	<i>Colias hyale</i>		x	x		x	x	x	
14	Clouded Yellow	<i>Colias crocea</i>		x	x	x	x	x	x	
15	Berger's Clouded Yellow	<i>Colias australis</i>			x		x	x		
16	Brimstone	<i>Gonepteryx rhamni</i>			x	x	x	x	x	
17	Cleopatra	<i>Gonepteryx cleopatra</i>			x		x	x	x	
18	Wood White	<i>Leptidea sinapis</i>		x	x		x	x	x	
19	Réal's Wood White	<i>Leptidea reali</i>							x	
20	Purple Hairstreak	<i>Quercusia quercus</i>					x	x		
21	Spanish Purple Hairstreak	<i>Laeosopis roboris</i>		x	x		x			
22	Sloe Hairstreak	<i>Nordmannia acaciae</i>		x						
23	Ilex Hairstreak	<i>Satyrium ilicis</i>			x		x	x	x	
24	False Ilex Hairstreak	<i>Satyrium esculi</i>							x	
25	Blue-spot Hairstreak	<i>Strymonidia spini</i>		x	x		x	x	x	
26	White-letter Hairstreak	<i>Strymonidia w-album</i>					x			
27	Small Copper	<i>Lycaena phlaeas</i>				x				
28	Scarce Copper	<i>Lycaena virgaureae</i>			x	x	x			
29	Purple-shot Copper	<i>Lycaena alciphron</i>			x	x				
30	Purple-edged Copper	<i>Lycaena hippothoe</i>				x				
31	Long-tailed Blue	<i>Lampides boeticus</i>		x				x	x	
32	Lang's Short-tailed Blue	<i>Leptotes pirithous</i>		x					x	
33	Short-tailed Blue	<i>Cupido argiades</i>							x	
34	Little Blue	<i>Cupido minimus</i>				x				
35	Osiris Blue	<i>Cupido osiris</i>				x		x		
36	Holly Blue	<i>Celastrina argiolus</i>					x	x	x	
37	Large Blue	<i>Maculinea arion</i>			x					
38	Baton Blue	<i>Pseudophilotes baton</i>		x	x	x				
39	Silver-studded Blue	<i>Plebejus argus</i>			x	x	x			
40	Idas Blue	<i>Plebejus idas</i>				x				
41	Geranium Argus	<i>Eumedonia eumedon</i>								
42	Brown Argus	<i>Aricia agestis</i>		x		x	x	x	x	
43	Mountain Argus	<i>Aricia artaxerxes</i>			x	x				
44	Spanish Argus	<i>Aricia morronensis</i>		x						
45	Gavarnie Blue	<i>Agriades pyrenaicus</i>				x				
46	Mazarine Blue	<i>Cyaniris semiargus</i>			x	x	x	x		
47	Forster's Furry Blue	<i>Agrodiaetus ainsae</i>		✓				✓	✓	

	Common name	Scientific name	July							
			13	14	15	16	17	18	19	20
48	Chapman's Blue	<i>Polyommatus thersites</i>				✓				
49	Ripart's Anamalous Blue	<i>Agrodiaetus ripartii</i>					✓	✓		
50	Turquoise Blue	<i>Polyommatus dorylas</i>		✓	✓	✓	✓	✓	✓	
51	Chalk-hill Blue	<i>Lysandra coridon</i>						✓	✓	
52	Spanish Chalk-hill Blue	<i>Polyommatus albicans</i>		✓			✓	✓		
53	Adonis Blue	<i>Polyommatus bellargus</i>						✓		
54	Common Blue	<i>Polyommatus icarus</i>		✓	✓	✓	✓	✓	✓	
55	Southern White Admiral	<i>Limenitis reducta</i>			✓	✓	✓		✓	
56	White Admiral	<i>Limenitis camilla</i>						✓		
57	Peacock Butterfly	<i>Inachis io</i>			✓					
58	Red Admiral	<i>Vanessa atalanta</i>			✓	✓	✓	✓		
59	Painted Lady	<i>Vanessa cardui</i>			✓		✓			
60	Small Tortoiseshell	<i>Aglais urticae</i>				✓		✓		
61	Comma Butterfly	<i>Polygonia c-album</i>			✓	✓	✓			
62	Silver-washed Fritillary	<i>Argynnis paphia</i>		✓	✓	✓	✓	✓	✓	
63	Dark Green Fritillary	<i>Argynnis aglaja</i>		✓	✓	✓	✓	✓	✓	
64	High Brown Fritillary	<i>Argynnis adippe</i>		✓			✓	✓	✓	
65	Queen Of Spain Fritillary	<i>Issoria lathonia</i>		✓		✓	✓	✓	✓	
66	Twin-spot Fritillary	<i>Brenthis hecate</i>			✓		✓	✓		
67	Marbled Fritillary	<i>Brenthis daphne</i>			✓		✓	✓	✓	
68	Lesser Marbled Fritillary	<i>Brenthis ino</i>				✓				
69	Sheperd's Fritillary	<i>Boloria pales</i>					✓			
70	Small Pearl-bordered Fritillary	<i>Clossiana selene</i>				✓	✓			
71	Weaver's Fritillary	<i>Boloria dia</i>		✓			✓	✓	✓	
72	Glanville Fritillary	<i>Melitaea cinxia</i>						✓		
73	Knapweed Fritillary	<i>Melitaea phoebe</i>		✓			✓	✓		
74	Spotted Fritillary	<i>Melitaea didyma</i>					✓	✓		
75	False Heath Fritillary	<i>Melitaea diamina</i>			✓	✓				
76	Heath Fritillary	<i>Mellicta athalia</i>		✓	✓	✓	✓	✓		
77	Provencal Fritillary	<i>Mellicta deione</i>						✓		
78	Meadow Fritillary	<i>Mellicta parthenoides</i>				✓				
79	Marsh Fritillary	<i>Eurodryas aurinia</i>					✓			
80	Marbled White	<i>Melanargia galathea</i>		✓	✓	✓	✓	✓	✓	
81	Woodland Grayling	<i>Hipparchia fagi</i>					✓	✓	✓	
82	Rock Grayling	<i>Hipparchia alcyone</i>		✓			✓		✓	
83	Great Banded Grayling	<i>Brinesia circe</i>		✓	✓		✓	✓	✓	
84	Large Ringlet	<i>Erebia euryale</i>						✓		
85	Mountain Ringlet	<i>Erebia epiphron</i>				✓		✓		
86	De Prunner's Ringlet	<i>Erebia triaria</i>			✓	✓	✓	✓		
87	Spanish Brassy Ringlet	<i>Erebia hispania</i>						✓		
88	Water Ringlet	<i>Erebia pronoe</i>			✓					
89	Piedmont Ringlet	<i>Erebia meolans</i>			✓	✓	✓	✓		
90	Meadow Brown	<i>Maniola jurtina</i>			✓		✓	✓	✓	
91	Dusky Meadow Brown	<i>Hyponephele lycaon</i>		✓	✓	✓	✓		✓	
92	Ringlet	<i>Aphantopus hyperantus</i>			✓		✓			
93	Gatekeeper	<i>Pyronia tithonus</i>		✓	✓	✓	✓	✓	✓	
94	Southern Gatekeeper	<i>Pyronia cecilia</i>		✓			✓	✓	✓	
95	Spanish Gatekeeper	<i>Pyronia bathseba</i>		✓			✓	✓	✓	
96	Small Heath	<i>Coenonympha pamphilus</i>			✓	✓		✓	✓	
97	Dusky Heath	<i>Coenonympha dorus</i>		✓					✓	
98	Pearly Heath	<i>Coenonympha arcania</i>			✓	✓	✓	✓	✓	

	Common name	Scientific name	July							
			13	14	15	16	17	18	19	20
99	Chestnut Heath	<i>Coenonympha glycerion</i>					✓	✓		
100	Speckled Wood	<i>Pararge aegeria</i>		✓	✓	✓	✓		✓	
101	Wall Brown	<i>Lasiommata megera</i>		✓	✓	✓	✓	✓	✓	
102	Large Wall Brown	<i>Lasiommata maera</i>			✓	✓	✓	✓	✓	
103	Grizzled Skipper	<i>Pyrgus malvae</i>			✓	✓	✓			
104	Large Grizzled Skipper	<i>Pyrgus alveus</i>			✓	✓				
105	Oberthur's Grizzled Skipper	<i>Pyrgus armoricanus</i>				✓				
106	Foulquier's Grizzled Skipper	<i>Pyrgus foulquieri</i>			✓					
107	Red Underwing Skipper	<i>Spialia sertorius</i>		✓	✓					
108	Mallow Skipper	<i>Carcharodus alceae</i>			✓		✓			
109	Marbled Skipper	<i>Carcharodus lavatherae</i>			✓					
110	Tufted Marbled Skipper	<i>Carcharodus flocciferus</i>					✓			
111	Dingy Skipper	<i>Erynnis tages</i>		✓						
112	Lulworth Skipper	<i>Thymelicus acteon</i>		✓	✓		✓			
113	Essex Skipper	<i>Thymelicus lineola</i>			✓	✓		✓	✓	
114	Small Skipper	<i>Thymelicus sylvestris</i>		✓	✓	✓	✓	✓	✓	
115	Silver-spotted Skipper	<i>Hesperia comma</i>		✓	✓				✓	
116	Large Skipper	<i>Ochlodes venatus</i>		✓	✓	✓	✓	✓	✓	

Birds

1	Mallard	<i>Anas platyrhynchos</i>		✓						
2	Red-legged Partridge	<i>Alectoris rufa</i>								
3	Great Crested Grebe	<i>Podiceps cristatus</i>	✓							
4	White Stork	<i>Ciconia ciconia</i>	✓							
5	Grey Heron	<i>Ardea cinerea</i>		✓						
6	Purple Heron	<i>Ardea purpurea</i>								1
7	Bearded Vulture	<i>Gypaetus barbatus</i>			✓	✓				
8	Egyptian Vulture	<i>Neophron percnopterus</i>		✓	✓	✓	✓		✓	
9	European Honey Buzzard	<i>Pernis apivorus</i>						✓		
10	Griffon Vulture	<i>Gyps fulvus</i>	✓	✓	✓	✓	✓	✓	✓	
11	Short-toed Snake Eagle	<i>Circaetus gallicus</i>	✓	✓	✓			✓	✓	
12	Booted Eagle	<i>Hieraaetus pennatus</i>			✓					
13	Northern Goshawk	<i>Accipiter gentilis</i>		✓						
14	Red Kite	<i>Milvus milvus</i>	✓	✓	✓	✓	✓	✓	✓	
15	Black Kite	<i>Milvus migrans</i>		✓	✓			✓	✓	
16	Common Buzzard	<i>Buteo buteo</i>	✓	✓	✓	✓	✓	✓	✓	
17	Common Sandpiper	<i>Actitis hypoleucos</i>		✓						
18	Little Ringed Plover	<i>Charadrius dubius</i>		✓						
19	Yellow-legged Gull	<i>Larus michahellis</i>		✓						
20	Rock Dove / Feral Pigeon	<i>Columba livia (feral)</i>		✓						
21	Common Wood Pigeon	<i>Columba palumbus</i>		✓	✓	✓	✓	✓	✓	
22	European Turtle Dove	<i>Streptopelia turtur</i>								✓
23	Eurasian Collared Dove	<i>Streptopelia decaocto</i>		✓	✓		✓	✓	✓	
24	Eurasian Eagle-Owl	<i>Bubo bubo</i>						✓		
25	Little Owl	<i>Athene noctua</i>		✓						
26	Long-eared Owl	<i>Asio otus</i>						✓		
27	European Nightjar	<i>Caprimulgus europaeus</i>						✓		
28	Common Swift	<i>Apus apus</i>		✓	✓	✓	✓	✓	✓	
29	Pallid Swift	<i>Apus pallidus</i>			✓					
30	Alpine Swift	<i>Tachymarptis melba</i>		✓						
31	European Bee-eater	<i>Merops apiaster</i>		✓						

	Common name	Scientific name	July							
			13	14	15	16	17	18	19	20
32	Eurasian Hoopoe	<i>Upupa epops</i>					✓			
33	Great Spotted Woodpecker	<i>Dendrocopos major</i>		✓		✓		✓	✓	
34	Iberian Green Woodpecker	<i>Picus sharpei</i>		✓			✓			
35	Common Kestrel	<i>Falco tinnunculus</i>		✓	✓	✓		✓		
36	Eurasian Hobby	<i>Falco subbuteo</i>		✓						
37	Peregrine Falcon	<i>Falco peregrinus</i>		✓	✓		✓			
38	Red-backed Shrike	<i>Lanius collurio</i>			✓		✓	✓		
39	Southern Grey Shrike	<i>Lanius meridionalis</i>								
40	Woodchat Shrike	<i>Lanius senator</i>		✓	✓					
41	Eurasian Golden Oriole	<i>Oriolus oriolus</i>		✓					✓	
42	Eurasian Jay	<i>Garrulus glandarius</i>			✓	✓	✓			
43	Eurasian Magpie	<i>Pica pica</i>		✓	✓	✓	✓			
44	Red-billed Chough	<i>Pyrrhocorax pyrrhocorax</i>			✓	✓				
45	Alpine Chough	<i>Pyrrhocorax graculus</i>			✓	✓				
46	Carrion Crow	<i>Corvus corone</i>		✓	✓	✓	✓	✓	✓	✓
47	Northern Raven	<i>Corvus corax</i>					✓		✓	
48	Coal Tit	<i>Parus ater</i>				✓	✓	✓	✓	
49	European Crested Tit	<i>Lophophanes cristatus</i>					✓	✓	✓	
50	Marsh Tit	<i>Poecile palustris</i>					✓			
51	Eurasian Blue Tit	<i>Cyanistes caeruleus</i>		✓	✓		✓		✓	
52	Great Tit	<i>Parus major</i>		✓			✓	✓	✓	
53	Crested Lark	<i>Galerida cristata</i>		✓			✓		✓	
54	Sand Martin	<i>Riparia riparia</i>								
55	Barn Swallow	<i>Hirundo rustica</i>		✓	✓	✓	✓	✓	✓	✓
56	Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>		✓	✓	✓	✓	✓	✓	
57	Common House Martin	<i>Delichon urbicum</i>		✓	✓	✓	✓	✓	✓	
58	Long-tailed Tit	<i>Aegithalos caudatus</i>		✓			✓			
59	Western Bonelli's Warbler	<i>Phylloscopus bonelli</i>		✓					✓	
60	Iberian Chiffchaf	<i>Phylloscopus ibericus</i>					✓	✓		
60	Melodious Warbler	<i>Hippolais polyglotta</i>					✓		✓	
62	Eurasian Blackcap	<i>Sylvia atricapilla</i>		✓	✓	✓	✓	✓	✓	
63	Garden warbler	<i>Sylvia borin</i>				✓				
64	Sardinian Warbler	<i>Sylvia melanocephala</i>								✓
65	Lesser Whitethroat	<i>Sylvia curruca</i>			✓					
66	Common Firecrest	<i>Regulus ignicapilla</i>					✓		✓	
67	Goldcrest	<i>Regulus regulus</i>						✓		
68	Eurasian Wren	<i>Troglodytes troglodytes</i>		✓			✓			
69	Eurasian Nuthatch	<i>Sitta europaea</i>							✓	
70	Short-toed Treecreeper	<i>Certhia brachydactyla</i>						✓	✓	
71	Spotless Starling	<i>Sturnus unicolor</i>		✓	✓	✓	✓	✓	✓	✓
72	Common Blackbird	<i>Turdus merula</i>		✓	✓	✓	✓	✓	✓	✓
73	Song Thrush	<i>Turdus philomelos</i>					✓	✓		
74	European Robin	<i>Erithacus rubecula</i>		✓	✓		✓	✓		
75	Black Redstart	<i>Phoenicurus ochruros</i>			✓	✓		✓	✓	
76	Common Rock Thrush	<i>Monticola saxatilis</i>				✓				
77	Blue Rock Thrush	<i>Monticola solitarius</i>								
78	Whinchat	<i>Saxicola rubetra</i>			✓					
79	European Stonechat	<i>Saxicola torquata</i>							✓	
80	Northern Wheatear	<i>Oenanthe oenanthe</i>				✓		✓		
81	White-throated Dipper	<i>Cinclus cinclus</i>			✓					
82	House Sparrow	<i>Passer domesticus</i>		✓	✓	✓	✓	✓	✓	

	Common name	Scientific name	July							
			13	14	15	16	17	18	19	20
83	Eurasian Tree Sparrow	<i>Passer montanus</i>								
84	Rock Sparrow	<i>Petronia petronia</i>		✓						
85	Grey Wagtail	<i>Motacilla cinerea</i>		✓	✓	✓	✓	✓		
86	White Wagtail	<i>Motacilla alba</i>		✓	✓					
87	Tree Pipit	<i>Anthus trivialis</i>						✓		
88	Meadow Pipit	<i>Anthus spinoletta</i>				✓				
89	Water Pipit	<i>Anthus spinoletta</i>				✓				
90	Common Chaffinch	<i>Fringilla coelebs</i>		✓	✓	✓	✓	✓		
91	Eurasian Bullfinch	<i>Pyrrhula pyrrhula</i>			✓					
92	European Greenfinch	<i>Chloris chloris</i>		✓						
93	Common Linnet	<i>Linaria cannabina</i>		✓	✓	✓	✓	✓	✓	
94	European Goldfinch	<i>Carduelis carduelis</i>		✓	✓			✓		
95	Citril Finch	<i>Carduelis citrinella</i>			✓					
96	European Serin	<i>Serinus serinus</i>		✓	✓		✓	✓		
97	Eurasian Siskin	<i>Carduelis spinus</i>			✓					
98	Corn Bunting	<i>Emberiza calandra</i>		✓			✓			
99	Yellowhammer	<i>Emberiza citrinella</i>			✓		✓			
100	Rock Bunting	<i>Emberiza cia</i>					✓			
101	Cirl Bunting	<i>Emberiza cirlus</i>		✓						

Mammals

1	Red Fox	<i>Vulpes vulpes</i>							✓	
2	Pyrenean Chamois (Izard)	<i>Rupicapra pyrenaica</i>			✓					
3	Alpine Marmot	<i>Marmotta marmotta</i>			✓	✓				
4	Daubenton's Bat	<i>Myotis daubentonii</i>			✓					
5	Pine marten	<i>Martes martes</i>						✓		

Amphibians & Reptiles

1	Pyrenean Brook Newt	<i>Calotriton asper</i>			✓	✓				
2	Pyrenean Frog	<i>Rana pyrenaica</i>				✓				
3	Pool Frog	<i>Rana lessonae</i>				✓				
4	Ocellated Lizard	<i>Lacerta lepida</i>			✓					
5	Common Wall Lizard	<i>Podarcis muralis</i>		✓	✓	✓	✓	✓		
6	Ladder Snake	<i>Rhinechis scalaris</i>				✓				

Dragonflies & Damselflies

1	Red-veined Darter	<i>Sympetrum fonscolombii</i>		✓						
2	Emperor Dragonfly	<i>Anax imperator</i>				✓			✓	
3	Large Red Damselfly	<i>Pyrrhosoma nymphula</i>			✓	✓				
4	Golden-ringed Dragonfly	<i>Cordulegaster boltonii</i>			✓	✓		✓		
5	Large Pincertail	<i>Onychogomphus uncatus</i>		✓				✓	✓	
6	Broad-bodied Chaser	<i>Libellula depressa</i>				✓				
7	Four-spotted Chaser	<i>Libellula quadrimaculata</i>				✓				
8	Common Hawker	<i>Aeshna juncea</i>				✓				
9	Common Damselfly	<i>Enallagma cyathigerum</i>				✓				
10	Beautiful Demoiselle	<i>Calopteryx virgo</i>					✓			
11	Southern Skimmer	<i>Orthetrum brunneum</i>						✓	✓	

Moths recorded at Bedrun and the surrounding area

	Common Name	Scientific name	July						
			14	15	16	17	18	19	20
1	Leopard Moth	<i>Zeuzeura pyrina</i>			✓	✓	✓	✓	✓
2	Forester	<i>Adscita sp</i>		✓	✓	✓	✓	✓	
3	Mediterranean Burnet	<i>Zygaena occitanica occitanica</i>			✓	✓			
4	Narrow-bordered Five spot Burnet	<i>Zygaena lonicera</i>			✓	✓	✓	✓	
5	Billowing Burnet	<i>Zygaena ephialtes</i>						✓	
6	Merry Burnet	<i>Zygaena hilaris</i>				✓	✓	✓	
7		<i>Paraswammerdamia albicapitella</i>				✓			
8	Diamond-backed Moth	<i>Plutella xylostella</i>					✓		
9		<i>Carcina quercana</i>					✓		
10		<i>Aethes sp</i>					✓		
11		<i>Agapeta hamana</i>					✓		
12		<i>Catoptria pinella</i>			✓	✓			
13		<i>Eudonia lacustrata</i>			✓		✓		
14		<i>Eudonia mercurella</i>			✓	✓			
15		<i>Pyrasta aurata</i>			✓				
16		<i>Pyrausta purpuralis</i>			✓	✓			
17		<i>Anania crocealis</i>				✓			
18	Rusty Dot Pearl	<i>Udea ferrugalis</i>				✓	✓		
19	Rush Veneer	<i>Nomophila noctuella</i>			✓	✓		✓	
20		<i>Palpita vitrealis</i>			✓	✓	✓		
21		<i>Agrotera nemoralis</i>			✓				
22	Meal Moth	<i>Pyalis lienigialis</i>				✓	✓		
23		<i>Endotricha flammealis</i>		✓					
24		<i>Acrobasis suavella</i>				✓			
25		<i>Acrobasis advenella</i>				✓		✓	
26		<i>Matilella fusca</i>						✓	
27	Thistle Ermine	<i>myelois circumvoluta</i>				✓		✓	
28		<i>Phytocides binavella</i>					✓	✓	
29		<i>Emmelina monodactyla</i>					✓		
30	Lackey	<i>Malacosoma neustria</i>						✓	
31	Oak Eggar	<i>Lasiocampa quercus</i>					✓		
32	Lappet	<i>Gastropacha quercifolia</i>			✓	✓	✓	✓	
33	Oak Hook Tip	<i>Watsonalla binaria</i>					✓		
34	Chinese Character	<i>Cilix glaucata</i>			✓	✓	✓	✓	✓
35	Small Grass Emerald	<i>Chlorissa viridata</i>					✓		
36	Sussex Emerald	<i>Thalera fimbrialis</i>			✓				✓
37	Lace Border	<i>Scopula ornata</i>			✓				
38	Tawny Wave	<i>Scopula rubiginata</i>					✓		
39	Mullein Wave	<i>Scopula marginepunctata</i>				✓	✓	✓	✓
40	Ochraceous Wave	<i>Idaea serpentata</i>				✓			
41	Maquis Wave	<i>Idaea circuitaria</i>			✓				
42	Spanish Least Carpet	<i>Idaea mustelata</i>		✓	✓	✓	✓	✓	✓
43	Bright Wave	<i>Idaea ochrata</i>					✓		
44	Small fan-footed Wave	<i>Idaea biselata</i>				✓		✓	
45	Dwarf Cream Wave	<i>idaea fuscovenosa</i>					✓	✓	✓
46	Satin Wave	<i>Idaea subsericeata</i>						✓	✓
47	Riband Wave	<i>Idaea aversata</i>					✓	✓	
48	Vestal	<i>Rhodometraa sacraria</i>							✓
49	Yellow-ringed Carpet	<i>Entephria flavicinctata flavicinctata</i>						✓	

	Common Name	Scientific name	July						
			14	15	16	17	18	19	20
50	Isle of Wight Wave	<i>Idaea humilitata</i>					✓		
51	Lime Speck Pug	<i>Eupithecia centaureata</i>				✓			
52	Double-striped Pug	<i>Eupithecia rufifasciata</i>				✓			
53	Lesser Treble-bar	<i>Aplocera efformata</i>							
54	Chimney Sweeper	<i>Odezia atrata</i>			✓		✓	✓	
55	Dorset Cream Wave	<i>Stegania trimaculata</i>						✓	
56	Lunar Thorn	<i>Selenia lunularia</i>						✓	
57	Great Oak Beauty	<i>Hypomecis robararia</i>					✓	✓	
58	Engrailed	<i>Ectropis bistortata</i>				✓			
59	Common Heath	<i>Ematurga punctulata</i>		✓		✓	✓	✓	
60	Eyed Hawk-moth	<i>Smerinthus ocellata</i>				✓			
61	Broad-bordered Bee Hawk-moth	<i>Heemaris fuciformis</i>						✓	
62	Humming-bird Hawk-moth	<i>Macroglossum stellatarum</i>		✓	✓	✓	✓	✓	✓
63	Spurge Hawk-moth	<i>Hyles euphorbiae</i>				✓			
64	Pine Processionary	<i>Thaumetopoea pityocampa</i>	✓	✓	✓	✓	✓	✓	✓
65	Brown Tail	<i>Euproctis chrysorrhoea</i>				✓	✓	✓	✓
66	Yellow Tail	<i>Euproctis similis</i>			✓	✓		✓	
67	Hoary Footman	<i>Eilema caniola</i>				✓	✓	✓	✓
68	Scarce Footman	<i>Eilema complana</i>				✓		✓	✓
69	Common Footman	<i>Eilema lurideola</i>				✓			
70	Ruby Tiger	<i>Phragmatobia fuliginosa fuliginosaa</i>				✓	✓	✓	✓
71	Nine Spotted	<i>Amata phegea</i>				✓			
72	Small Black Arches	<i>Meganola strigula</i>				✓	✓		✓
73	Jersey Black Arches	<i>Nola chlamitulis</i>				✓	✓	✓	✓
74	Turnip Moth	<i>Agrotis segetum</i>				✓			
75	Heart & Dart	<i>Agrotis exclamationis</i>						✓	
76	Dark Sword Grass	<i>Agrotis ipsilon</i>				✓			
77	Large Yellow Underwing	<i>Noctua pronuba</i>				✓			
78	Lesser yellow Underwing	<i>Noctua comes</i>				✓			
79	Langmaids Yellow Underwing	<i>Noctua janthina</i>				✓		✓	✓
80	Setaceous Hebrew Character	<i>Xestia c-nigrum</i>					✓		
81	Nutmeg	<i>Discestra trifolii</i>						✓	
82	Small Ranunculus	<i>Hecatera dysodea</i>				✓	✓	✓	
83	White Point	<i>Mythimna albipuncta</i>					✓	✓	
84		<i>Mythimna sicula</i>					✓		
85		<i>Drasteria cailino</i>						✓	
86	Wormwood	<i>Cucullia absinthii</i>				✓			
87	Oak Rustic	<i>Dryoboya labecula</i>				✓			
88	Grey Dagger	<i>Acronicta psi</i>					✓		
89	Knot Grass	<i>Acronicta rumicis</i>					✓		
90	Birds Wing	<i>Dypterygia scabriuscula</i>						✓	
91	Guernsey Underwing	<i>Polyphaenis sericata</i>				✓	✓	✓	✓
92	Saxon	<i>Hyppa rectilinea</i>				✓			
93	Cloaked Minor	<i>Mesoligia furuncula</i>						✓	
94	Common Rustic	<i>Mesapamea secalis</i>				✓			
95	Mottled Rustic	<i>Caradrina morpheus</i>							
96	Marbled Clover	<i>Heliothis virescens</i>				✓	✓	✓	
97	Bordered Straw	<i>Heliothis peltigera</i>					✓		
98	Eastern Bordered Straw	<i>Heliothis nubigera</i>					✓	✓	
99	Spotted Sulphur	<i>Emmelia trabealis</i>			✓	✓	✓	✓	✓
100	Pale Shoulder	<i>Acontia lucida</i>		✓	✓	✓	✓	✓	✓

	Common Name	Scientific name	July						
			14	15	16	17	18	19	20
101	Light Crimson Underwing	<i>Catacola promissa</i>						✓	
102	Oak Yellow Underwing	<i>Catacola nymphagoga</i>		✓			✓		✓
103	Passenger	<i>Dysgonia algira</i>		✓		✓	✓	✓	✓
104	Geometrician	<i>Prodotis stolidia</i>							✓
105	Burnet Companion	<i>Euclidia glypgica</i>				✓		✓	
106	Four-spotted	<i>Tyta luctuosa</i>		✓	✓	✓	✓	✓	✓
107	Scarce Blackneck	<i>Lygephila cracca</i>		✓				✓	



Vulture melee