

Butterflies of Croatia

Naturetrek Tour Report

8 - 15 June 2015



Meleager's Blue by John Maddocks



Blue-spot Hairstreak by Keith Beswick



Twin Spotted Fritillary by Rachel Piper



Pine Hawk-moth by Rachel Piper

Report compiled by Terry Goble
Images courtesy of John Maddocks, Rachel Piper, Michael Coates, Keith Beswick and Terry Goble



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Tour Participants: Terry Goble (leader), Gerard Gorman (local guide) and six Naturetrek clients

Tour Summary

This tour to Croatia was originally a pioneering trip into a virtually unknown location for butterflies. It's now an established destination that consistently delivers a diverse and spectacular suite of species. It also has a supporting cast of excellent birds, reptiles and amphibians, and all set against the backdrop of the verdant Velebit Mountains and the sparse, rocky mountains on the Dalmatian coast.

This tour didn't fail to deliver and the mostly warm and sunny conditions helped. As ever, the weather variations determine the phenology of the butterflies and makes each tour different. There were fewer Glanville Fritillaries, usually one of the commonest fritillaries, but the largest amount of Turquoise Blues ever seen by the tour leader. Perhaps for some the highlights, besides some of the stunning butterflies, were the spectacular Hawk-moths with Pine, Privet, Lime and Hummingbird Hawk-moths all seen. The leader's favourite butterfly was the Little Tiger Blue, which is still holding on in small numbers, but it is hoped that everyone found something to enjoy on this diverse trip that has become more of a 'bioblitz', with a butterfly focus!

Day 1

Monday 8th April

London Heathrow to Zagreb then drive to Inovac

Today was mostly a travelling day from Heathrow to our hotel in Inovac. We did manage some stops en route for refreshments and an introduction to the bountiful butterflies. Our first stop was just east of Pukupsko by a wooded lay-by. Here we had a few snacks and looked for butterflies. The warm weather meant that there were plenty on the wing, but flying fast made identification a little tricky. Before we got into the butterflies, Gerard showed the group the delightful Yellow-bellied Toad and several could be seen around the damp forest floor. On the butterfly front there were a few fritillaries around and Marbled and Silver-washed were identified: there were likely to have been others dashing around. There were also both male and female Brimstone, a few Pearly Heaths, and a few blues that eluded us.

Back on the bus it was getting very warm in the mid afternoon sunshine and folk were getting sleepy. We stopped for some refreshments and, although not a particular wildlife stop, there were still a few butterflies around and Rachael saw what we later identified as a Large Copper. After our drinks we were on our way again and this time stopped at Slunj by the roadside. Here, despite just being a scrap of meadow, were several fritillaries and blues, including our first Amanda's Blue.

We then drove the short distance to our hotel in Inovac. We quickly checked in and went for a walk as we were having an early dinner. The walk to the back of the hotel was superb. We saw Large, Scarce and Purple-edged Coppers, Amanda's, Chapman's and Idas Blues, and a few fritillaries with Nickerl's and Marbled being the most common. As well as the butterflies there were some lovely birds around with the handsome Red-backed Shrike seemingly everywhere. Golden Orioles could be heard and a brief tantalising sighting was had, but as usual they mainly remained out of sight. Corn Bunting and Skylark were heard and around the hotel grounds the lovely Black Redstart and White Wagtails were seen.

It was now time for dinner and after a large three course meal, we settled down to start the trip list and then went to get some much needed sleep. It had been a long but enjoyable day from Heathrow.

Day 2

Tuesday 9th April

Drove to Plitvice National Park and explore the local area.

Most of the group were up early for a walk around the arable fields at the back of the hotel. There were many birds evident with Golden Orioles fluting high in the poplars, and Hawfinch, Red-backed Shrike and Corn Bunting seen. As yet there was no sign of the Black-headed Bunting which we usually see here. We then returned to get ready for breakfast and the trip to Plitvice National Park. Although this is not a prime wildlife site it is a beautiful setting well worth the visit. The Limestone Karst has worn over the years to produce a myriad of 'Slaps' (Waterfalls) and Jade coloured lakes in a glorious setting. However, it's not just about the scenery and the Dice Snakes and Marsh Frogs were enjoyed by the group. We even had some invertebrates to look at with Beautiful Demoiselle perhaps the most appreciated, but a Hungarian Glider and Norfolk Hawker were also cracking additions. The walk took us to the jetty where we embarked on our boat.

When we emerged from the boat ride we sat in the shade at a café to enjoy a drink before setting off for our picnic at a shady woodland spot, ideal for a little butterfly watching and lunch. There were a few sought after species such as Clouded Apollo and Purple-shot Copper amongst many blues, fritillaries and heaths. After the picnic we explored the area a little more before setting off to a near-by meadow. As the temperature was rising the butterflies were very active. We had a few new fritillaries including Marsh and Lesser Marbled, several species of blue, and our first Clouded Yellow flew through very quickly.

The heat was beginning to take its toll so we returned to the hotel to freshen up before a last stroll at the back of the hotel. This was a very productive hour adding Queen of Spain and Glanville Fritillaries, as well as having great views of some stunning coppers including Large, Scarce, Purple-shot, Purple-edged and a belated Fiery Copper (Identified at dinner). We also saw a lovely male Winchat and heard the Quails calling as we made our way back to the hotel for a rest before dinner.

We all met in the restaurant for another enormous feast, with both the vegetarians and carnivores enjoying a large three course meal. After dinner we ran through the lists and then chatted for a while before heading off to our rooms. Large (Noctule?) bats flew around the grounds as we headed off to our rooms, weary but content after a great day of wildlife and scenery.

Day 3

Wednesday 10th April

Drive to Starigrad, stopping en route at various sites

The day started with a look at the moth trap: this time we had quite a decent haul. The most prominent were a couple of Small Elephant Hawk-moths, Buff Arches and Light Emeralds among many noctuids and micros. We then went on a walk where a fly-by Montagu's Harrier was the best bird seen before returning for breakfast and getting ready for the long drive to Starigrad.

Despite being a four to five hour drive, we set off early and stopped frequently to sample the diverse habitats along the route. This trip often produces the most diversity in species and this year was no exception, despite a slow start. The first meadow was not as productive as usual, probably due to the cool conditions, however slowly the butterflies began to emerge and some very nice species were found including Geranium Argus and Clouded Apollo.

A brief stop for coffee and to purchase some supplies also produced a cracking Lime Hawk-moth, found just outside the café. It was an unusual *brunnea* form, which has brown rather than green colouring.

The second stop was in a low-lying depression, typical of the karst substrate (Polje). By now it was becoming warm and several species of blue including Idas, Adonis and Chapman's were on the wing. There were also a good range of fritillaries and Clouded Yellows on the wing, and an Eastern Bath White was the first for the trip.

The next stop was a brief walk along a wooded path where we have had some excellent butterflies in the past. The Owl Fly seemed to grab most people's attention as this is quite a spectacular yellow and black insect. A possible Great Sooty Satyr went through very quickly, but as it was not fully identified it remains only a probable.

The last stop before Starigrad was one of the best of the day with some great butterflies including Sloe Hairstreak, Niobe Fritillary (Eris form), Scarce Swallowtail and Southern White Admiral. The birds were pretty good too with a single tree containing Ortolan, Rock and Black-headed Buntings, and later a handsome Black-eared Wheatear joined the party. Also around were Blue Rock Thrushes singing from the hills.

We then drove on to Starigrad and settled into our hotel. We relaxed for a while before meeting for dinner at seven. After a filling and delicious meal we set out on our last adventure of the day. We walked to a near-by church where we saw Scops Owl last year. Unfortunately they were either not around or not calling, however we had some consolation in a gorgeous Green Toad (a lovely marked female) and a few fireflies that are always delightful. After this excursion we all trudged off to get some welcome sleep.

Day 4

Thursday 11th April

A walk from our hotel on a cycle path.

A few of the group met at 7am for a walk into the semi-cultivated scrub and pine grove area across from the hotel. Despite being early there were quite a few butterflies on the wing as it was already quite warm. A Small Copper completed the suite of coppers we were likely to see, and Holly Blue and Lulworth Skipper were new to the trip. Other skippers, blues and fritillaries were around but nothing else new. On the birding front we heard a Wryneck calling and saw Cirl Bunting. We also had reasonable views of Turtle Dove and listened to Nightingales. Gerard did really well in spotting and catching a Glass Lizard, which he showed to the group before letting it go. All in all it was quite a productive walk: now breakfast and a cold drink!

After breakfast we set off for a walk along the cycle path at the back of the village. As the weather looked set to get very warm with little shade, we decided to do the walk in stages with Gerard meeting us along the path with water and the opportunity for a lift back if it became too hot.

The walk started well with a dark race Red Squirrel scurrying around in the pine stands, and pretty soon we were into the butterflies. Blue-spot Hairstreak was a new species, and a large dark butterfly zoomed past which was possibly a Sooty Satyr but it was not seen well enough. A Great Banded Grayling was also very active and readily identified. Along the path were many Adonis, Common and other blues as well as Spotted Fritillaries and hundreds of 'orangey' skippers.

At one junction we saw both Scarce and European Swallowtails flying around. A Cirl Bunting was also located. Walking on, it became a little quiet on the butterfly front but Nightingales, Golden Orioles and Turtle Doves sang all around us. Happily Keith eventually saw an Oriole flying across his path. It was a gorgeous male and had been worth the wait as this bird had eluded him on other tours. We then hit another purple patch and alongside many of the butterflies we had seen we were able to locate a single delightful Little Tiger Blue and the impressive Niobe Fritillary of the nominate race. A little further on Dalmatian Algaroides was located; a 'near endemic' to this region.

Flushed with success, we decided to drive to the lunch spot and have a picnic in the shade. After cooling down and eating our lunch we made our way to a dry river bed which has previously been very productive. On this occasion there were no new butterflies and only a few of the ones we had already seen today. The heat may have been too much for the butterflies and it was certainly getting too much for the group so we returned to the hotel to cool down and get refreshed.

After we and the weather had cooled a little we met up for a walk along the sea shore. Over the mountains a storm was brewing but stayed up in the hills. For a brief period we had a little cloud and some respite from the heat, however it soon brightened up again and become very warm. Butterfly sightings were low and a few Marbled Whites and Spotted Fritillaries along with other skippers and blues were around but nothing new. The birds were a little better with Turtle Dove purring and flying around and a Wryneck called and was briefly seen by most of the group.

It was soon time to return to the hotel and get ready for the evening meal and to relax. Dinner was the usual three course feast of delicious food and the group were relaxed, chatty and content. After eating we went to have another look for the fireflies as everyone seemed to enjoy them. At the bridge we also found a Glow worm to add to the pyrotechnics of the fireflies. There was still no sign of the Scops Owl but we still had an enjoyable evening stroll. We then turned in for the night at the end of a lovely day.

Day 5

Friday 12th April

The uplands of Paklenica National Park

The day started with a pre-breakfast walk around the gardens and fields near the sea front. Even at 7am it was very warm. There were a number of common butterflies around: Marbled Whites, Common Blues and Spotted Fritillary. However the highlight of the morning was a large Montpellier Snake. On the birding front it was lovely to watch Swallows and Greenfinches coming down to drink from a large puddle. Around the pines and fields, Wryneck, Cirl Bunting and Turtle Doves could be heard amongst others.

We returned for breakfast and then got ready for the day's main excursion, high into Paklenica National Park. As it was turning into a hot day we wasted no time in driving to the car park deep into the park. From here we

walked to the village of Vaganec. We were accompanied all the way by singing Nightingales and Golden Orioles, and sightings included Black-eared Wheatear, Hawfinch and two cracking Honey Buzzards flying just below us into the valley. However the sheer variety and profusion of butterflies was astonishing. New for us were Dark Green, Lesser Spotted, and High Brown Fritillaries. We took some time to identify all three types of Small Whites (Mountain, Southern and Small White). A Great Banded Grayling was a spectacular find along with Sooty Satyr and Southern White Admiral. There was also a great variety of blues and skippers including a gorgeous Yellow-banded Skipper, and the Clouded Yellows were as speedy as ever.

We finally made it to the village after the distraction of so many stunning butterflies. After a short rest we made our way back to the car park at a considerably quicker pace. We had a quick drink before going a little way down the mountain road to a shady site to have our picnic lunch. After lunch, a stroll round the area revealed some Senna Bladder which indicated the potential of Iolas Blue. Conversation was cut short by a large blue whizzing past and a few minutes later we were photographing what we thought was a smart Iolas Blue.

It was then time to head off to the northern part of the cycle path for a stroll before taking another break in the now quite hot conditions. We soon headed to a nearby café and enjoyed a relaxing chat and ice cream. Next some of us strolled back to the hotel along the cycle path with most of the group returning to the hotel by bus. On the way back some lovely butterflies were enjoyed including a photographable Great Sooty Satyr and another look at probably the same Little Tiger Blue. With the heat beginning to tell, we got back to the hotel in time to have a drink and get ready for dinner.

After dinner we again went to the bridge and very quickly found both firefly and Glow worm. There was still no sign of the Scops Owl although one had been heard in the early hours of the morning. So after a brief look at the fireflies we walked back to the hotel to get some sleep. On returning to the hotel a photograph taken earlier in the day was reviewed and it showed a slightly scalloped edge on the 'Iolas' Blue. It was realised that it was, in fact, a male Meleager's Blue. Perhaps it had been a hasty initial identification, but it showed the value of reviewing images. A shame-face confession for the rest of the group could wait until tomorrow.

Day 6

Saturday 13th April

Drive to Krasno with stops in the central Velebits en route.

Today was a transfer day so after breakfast we left Starigrad and the Dalmatian coast to head inland towards the Velebit Mountains. En route we stopped briefly for a scenic photograph opportunity, but as ever there were butterflies to be found and a Balkan Marbled White was a nice addition. The next stop was at an upland meadow that had previously been a good site for Bright-eyed Ringlet and so it proved again. A Festoon was too quick for most to see, but other lovely species included a few Turquoise Blues and an Amanda's Blue that had us scratching our heads as it had orange lunules on its forewing, which are not often seen. On the mammal front, Brown Hare and Red Deer were both seen.

We then went to a site with a stream running through and a shady area where we stopped for lunch. Here we encountered Nettle Tree Butterfly and Duke of Burgundy which were new for us; but Alpine Newts and a variety of dragonflies were also enjoyed. Our next and last stop was a roadside meadow that had a variety of skippers, blues and fritillaries, but no new species.

We were soon on the scenic drive through the pine forests and meadows in the foothills of the Velebit Mountains. In just about an hour we arrived at Hotel Jure and settled in. We then all met for a lovely meal al fresco and chatted in the bar until the group gradually drifted off to bed.

Day 7

Sunday 14th April

Velebit Mountains and a meadow near Krasno.

Around 7am a few of the group went for a pre-breakfast walk to a near-by patch of woodland. A dead Stone Marten was seen on the path which looked a young animal. There were a few butterflies around including some fritillaries and heaths. Golden Orioles were calling and singing nearby and we eventually caught a glimpse of them through the trees. Long-tailed Tits were heard but could not be located. We slowly made our way back to the hotel and met the others for breakfast and some very strong local coffee!

After breakfast we set off into the hills and stopped at a rocky area where there were plenty of butterflies such as Turquoise and Mazarine Blues, but the only new butterfly was an Olive Skipper. At the vehicle a flock of Bee-eaters passed overhead giving their bubbling call, and a Woodlark was very obliging giving great photograph opportunities. We then slowly walked along to a flower-filled meadow noting plentiful Brimstones, Painted Ladies and a few Hummingbird Hawk-moths. In the meadow we found a host of species and some rather worn Duke of Burgundies were a nice find. A pristine Small Tortoiseshell was a new species for the trip, but many other species were enjoyed. An Orange Tip from the nearby woodland was also a new butterfly. After we had exhausted the meadow we drove a little way and stopped for lunch. At this spot a Scare Swallowtail settled long enough to get some photographs of it.

After lunch we drove a short way, stopping at a couple of paths that led into the extensive old woodland. In the first of these a Pine Hawk-moth was found which most of the group photographed. There were also a few Lesser Butterfly Orchids along the path. It seemed a little quite for both birds and butterflies so we moved to another path a little further on. This was much more productive with numerous Large Wall Browns seemingly everywhere, and several other species including a Clouded Apollo that behaved well for photographs. However, perhaps the best butterfly was only seen by Keith. He stayed back to photograph a Bee Orchid, but also managed to find a Knapweed Fritillary.

Our last stop was a roadside meadow the other side of Krasno. Despite being filled with wild flowers there were very few butterflies; not helped by the overcast conditions. However a large and spectacular Privet Hawk-moth was found. The weather did not look like it was going to improve so we returned to the hotel for a break and a well-earned drink and rest before dinner.

All the group met up at dinner and enjoyed a delicious home cooked meal. We then retired to the bar to have a farewell drink and complete the checklist. The group expressed their thanks for a great trip and the leaders expressed their pleasure in leading such a relaxed and appreciative group. A few drinks were then enjoyed as it was raining outside. The skies cleared just before we all retired to bed so we put out the moth trap for one last session.

Day 8

Monday 15th April

Drive to Zagreb Airport and flight to the UK

With the flight departing at 12.40pm we had little time for stops en route the airport, but first we had a brief look at the moth haul which included some nice carpet moths and an ever popular Cream-spot Tiger.

Soon it was time to leave and we had only time for a brief comfort stop at a motorway service station. However, even here there were a few butterflies including Brimstone, Pearly Heath and Sooty Copper among others. On the final leg of the trip to the airport we also saw two new birds with Black Kite and Kestrel floating overhead.

We arrived at the airport in good time to say farewell to the leaders before the group returned to the UK to finish the tour.

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Broad-bodied Chaser (Female) by Rachel Piper



Glass Lizard by Rachel Piper



Large Wall Brown by Terry Goble



Scarce Swallowtail by Michael Coates

Species Lists

Butterflies

	Common name	Scientific name	June							
			8	9	10	11	12	13	14	15
1	Swallowtail	<i>Papilio machaon</i>				✓			✓	
2	Scarce Swallowtail	<i>Iphiclides podalirius</i>			✓	✓	✓	✓	✓	
3	Clouded Apollo	<i>Parnassius mnemosyne</i>		✓	✓		✓		✓	
4	Black-veined White	<i>Aporia crataegi</i>	✓	✓	✓	✓	✓	✓	✓	
5	Large White	<i>Pieris brassicae</i>	✓	✓	✓	✓	✓	✓	✓	
6	Small White	<i>Artogeia rapae</i>	✓	✓	✓	✓	✓	✓	✓	✓
7	Mountain Small White	<i>Artogeia ergani</i>					✓			
8	Green-veined White	<i>Artogeia napi</i>	✓		✓			✓	✓	
9	Southern Small White	<i>Pieris mannii</i>					✓			
10	Eastern Bath White	<i>Pontia edusa</i>			✓					
11	Orange Tip	<i>Anthrocharis cardamines</i>							✓	
12	Clouded Yellow	<i>Colias crocea</i>		✓	✓	✓	✓	✓		
13	Brimstone	<i>Gonepteryx rhamni</i>	✓	✓		✓	✓	✓	✓	✓
14	Wood White	<i>Leptidea sinapis</i>		✓		✓	✓		✓	
15	Sloe Hairstreak	<i>Satyrium acasiae</i>			✓					
16	Ilex Hairstreak	<i>Satyrium ilicis</i>			✓		✓			
17	Blue-spot Hairstreak	<i>Satyrium spini</i>				✓	✓	✓	✓	
18	Small Copper	<i>Lycaena phlaeas</i>				✓	✓			
19	Large Copper	<i>Lycaena dispar</i>	✓	✓						
20	Scarce Copper	<i>Lycaena vigaureae</i>	✓	✓						✓
21	Sooty Copper	<i>Lycaena tityrus</i>			✓				✓	
22	Purple-shot Copper	<i>Lycaena alciphron</i>		✓						
23	Purple-edged Copper	<i>Lycaena hippothoe</i>	✓	✓						
24	Lesser Fiery Copper	<i>Lycaena thersamon</i>		✓						
25	Little Tiger Blue	<i>Tarucus balkanicus</i>				✓	✓			
26	Holly Blue	<i>Celastrina argiolus</i>				✓	✓		✓	
27	Small Blue	<i>Cupido minimus</i>	✓	✓	✓		✓		✓	
28	Green-underside Blue	<i>Glaucopsyche alexis</i>		✓						
29	Chequered Blue	<i>Scolitantides orion</i>		✓	✓		✓			
30	Silver-studded Blue	<i>Plebejus argus</i>		✓			✓	✓		
31	Idas Blue	<i>Plebejus idas</i>	✓	✓	✓		✓	✓		
32	Reverdin's Blue	<i>Plebejus argyrognomon</i>		✓						
33	Chapman's Blue	<i>Agrodiaetus thersites</i>	✓	✓	✓					
34	Amanda's Blue	<i>Agrodiaetus amanda</i>	✓	✓	✓			✓		
35	Mazarine Blue	<i>Cyaniris semiargus</i>		✓			✓	✓	✓	
36	Turquoise Blue	<i>Plebicula dorylas</i>						✓	✓	
37	Meleager's Blue	<i>Meleageria daphnis</i>					✓			
38	Adonis Blue	<i>Lysandra bellargus</i>		✓	✓	✓	✓	✓	✓	
39	Common Blue	<i>Polyommatus icarus</i>		✓	✓	✓	✓	✓	✓	
40	Geranium Argus	<i>Eumedonia eumedon</i>			✓					
41	Brown Argus	<i>Aricia agestis</i>		✓	✓	✓	✓	✓	✓	
42	Blue Argus	<i>Ultraaricia anteros</i>		✓						
43	Duke of Burgundy	<i>Hamearis lucina</i>						✓	✓	
44	Nettle Tree Butterfly	<i>Libythea celtis</i>						✓		
45	Southern White Admiral	<i>Limenitis reducta</i>			✓		✓			
46	Common Glider	<i>Neptis Sappho</i>		✓						
47	Hungarian Glider	<i>Neptis rivularis</i>		✓						

	Common name	Scientific name	June								
			8	9	10	11	12	13	14	15	
48	Small Tortoiseshell	<i>Aglias urticae</i>								✓	
49	Painted Lady	<i>Vanessa cardui</i>	✓	✓	✓	✓			✓	✓	
50	Comma	<i>Polygonum c-album</i>	✓						✓		
51	Southern Comma	<i>Polygonum egea</i>				✓	✓	✓			
52	Silver-washed Fritillary	<i>Argynnis paphia</i>	✓				✓	✓	✓		
53	High Brown Fritillary	<i>Argynnis adippe</i>					✓				
54	Niobe Fritillary	<i>Fabriciana niobe</i>			✓	✓	✓				
55	Dark Green Fritillary	<i>Mesoacidalia aglaja</i>					✓			✓	
56	Queen of Spain Fritillary	<i>Issoria lathonia</i>		✓	✓		✓				
57	Twin-spot Fritillary	<i>Brenthis Hecate</i>			✓		✓	✓			
58	Marbled Fritillary	<i>Brenthis daphne</i>	✓	✓	✓	✓					
59	Lesser Marbled Fritillary	<i>Brenthis ino</i>		✓							
60	Glanville Fritillary	<i>Melitaea cinxia</i>		✓	✓				✓	✓	
61	Nickerl's Fritillary	<i>Melitaea Aurelia</i>	✓	✓						✓	
62	Knapweed Fritillary	<i>Melitaea phoebe</i>								✓	
63	Spotted Fritillary	<i>Melitaea didyma</i>			✓	✓	✓	✓	✓	✓	
64	Lesser Spotted Fritillary	<i>Melitaea fascelis</i>					✓	✓			
65	Heath Fritillary	<i>Mellicta athalia</i>		✓	✓				✓	✓	
66	Marsh Fritillary	<i>Eurodryas aurinia</i>		✓	✓						
67	Marbled White	<i>Melanargia galathea</i>		✓		✓	✓	✓	✓	✓	
68	Balkan Marbled White	<i>Melanargia larissa</i>							✓		
69	Grayling	<i>Hipparchia semele</i>				✓	✓				
70	Great Sooty Satyr	<i>Satyrus ferrula</i>					✓				
71	Great Banded Grayling	<i>Kanetisa circe</i>				✓	✓	✓			
72	Woodland Ringlet	<i>Erebia medusa</i>		✓	✓					✓	
73	Bright-eyed Ringlet	<i>Erebia oeme</i>							✓	✓	
74	Speckled Wood	<i>Pararge aegeri</i>			✓	✓	✓			✓	
75	Wall Brown	<i>Lasiommata megera</i>				✓	✓	✓			
76	Large Wall Brown	<i>Lasiommata maera</i>			✓	✓	✓	✓	✓	✓	
77	Meadow Brown	<i>Maniola jurtina</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
78	Small Heath	<i>Coenonympha pamphilus</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
79	Pearly Heath	<i>Coenonympha arcania</i>	✓	✓	✓		✓	✓	✓	✓	✓
80	Chestnut Heath	<i>Coenonympha glycerion</i>		✓	✓			✓	✓		
81	Grizzled Skipper	<i>Pyrgus malvae</i>	✓	✓						✓	
82	Olive Skipper	<i>Pyrgus serratae</i>							✓	✓	
83	Safflower Skipper	<i>Pyrgus carthami</i>			✓				✓	✓	
84	Orbed Red-underwing (Hungarian)Skipper	<i>Spilalia orbifer</i>				✓					
85	Mallow Skipper	<i>Carcharodus alceae</i>				✓	✓	✓			
86	Marbled Skipper	<i>Carcharodus lavatherae</i>					✓				
87	Oriental Marbled Skipper	<i>Carcharodus orientalis</i>							✓		
88	Dingy Skipper	<i>Erynnis tages</i>			✓				✓	✓	
89	Lulworth Skipper	<i>Thymelicus acteon</i>				✓	✓				
90	Essex Skipper	<i>Thymelicus lineola</i>		✓		✓					
91	Small Skipper	<i>Thymelicus flavus</i>		✓	✓	✓	✓	✓			✓
92	Large Skipper	<i>Ochlodes venatus</i>		✓	✓	✓				✓	✓
93	False Heath Fritillary	<i>Melitaea diamina</i>			✓				✓		
94	Yellow-banded Skipper	<i>Pyrgus sidae</i>					✓				

Moths

Buff-tip <i>Phalera bucephala</i>	Speckled Yellow <i>Pseudopanthera macularia</i>
Small Elephant Hawk-moth <i>Deilephila porcellus</i>	Brown Silver-line <i>Petrophora chlorosata</i>
Grass Wave <i>Perconia strigillaria</i>	Buff Footman <i>Eilema depressa</i>
Light Brocade <i>Lacanobia w-latinum</i>	Common Emerald <i>Hemithea aestivaria</i>
Pine Hawk-moth <i>Hyloicus pinastri</i>	Privet Hawk-moth <i>Sphinx ligustri</i>
Lace Border <i>Scopula ornata</i>	Black-veined Moth <i>Siona lineata</i>
Clay Fan-foot <i>Paracolax tristalis</i>	Hoary Footman <i>Eilema caniola</i>
Light Brocade <i>Lacanobia w-latinum</i>	Common Wainscot <i>Mythimna pallens</i>
Small Waved Umber <i>Horisme vitalbata</i>	Willow Beauty <i>Peribatodes rhomboidaria</i>
Lime Hawk-moth <i>Mimas tiliae</i>	Hummingbird Hawk-moth <i>Macroglossum stellatarum</i>
Treble Lines <i>Charanyca trigrammica</i>	Latticed Heath <i>Chiasmia clathrata</i>
Small Fan-foot, <i>Herminia grisealis</i>	Vine's Rustic <i>Hoplodrina ambigua</i>
Lead Belle <i>Scotopteryx mucronata</i>	Heart and Dart <i>Agrotis exclamatoris</i>
Treble-bar <i>Aplocera plagiata</i>	Lesser Cream Wave <i>Scopula immutata</i>
Clouded Buff <i>Diacrisia sannio</i>	Fox moth <i>Macrothylacia rubi</i>
Rosy Rustic <i>Hydraecia micacea</i>	

Birds (✓ = recorded but not counted; H = heard only; L/O = leader only)

	Common name	Scientific name	June							
			8	9	10	11	12	13	14	15
1	Common Quail	<i>Coturnix coturnix</i>		H						
2	Common Pheasant	<i>Phasianus colchicus</i>	✓							
3	Mallard	<i>Anas platyrhynchos</i>		✓	✓					
4	European Honey Buzzard	<i>Pernis apivorus</i>					✓			
5	Montagu's Harrier	<i>Circus pygargus</i>			✓					
6	Common Buzzard	<i>Buteo buteo</i>	✓	✓	✓			✓		✓
7	Common Kestrel	<i>Falco tinnunculus</i>								✓
8	Black-headed Gull	<i>Chroicocephalus ridibundus</i>			✓					
9	Western Yellow-legged Gull	<i>Larus michahellis</i>			✓	✓	✓	✓	✓	✓
10	Rock Dove	<i>Columba livia</i>					✓			
11	Common (Feral) Pigeon	<i>Columba livia 'feral'</i>	✓	✓	✓	✓	✓	✓	✓	✓
12	Stock Dove	<i>Columba oenas</i>								H
13	Common Wood Pigeon	<i>Columba palumbus</i>								✓
14	European Turtle Dove	<i>Streptopelia turtur</i>	✓	✓	✓	✓	✓	✓		
15	Eurasian Collared Dove	<i>Streptopelia decaocto</i>		✓		✓	✓	✓		✓
16	Common Cuckoo	<i>Cuculus canorus</i>	H	H	H			H	H	
17	Eurasian Scops Owl	<i>Otus scops</i>				H				
18	Alpine Swift	<i>Tachymarptis melba</i>						L/O		
19	Common Swift	<i>Apus apus</i>						✓		
20	European Bee-eater	<i>Merops apiaster</i>								✓
21	Eurasian Hoopoe	<i>Upupa epops</i>						L/O		
22	Eurasian Wryneck	<i>Jynx torquilla</i>				✓	H	H		

	Common name	Scientific name	June							
			8	9	10	11	12	13	14	15
23	Great Spotted Woodpecker	<i>Dendrocopos major</i>		L/O	✓					
24	Red-backed Shrike	<i>Lanius collurio</i>	✓	✓	✓	✓	✓	✓	✓	✓
25	Lesser Grey Shrike	<i>Lanius minor</i>	✓	✓						
26	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	✓	✓	✓	✓	✓	✓	✓	
27	Eurasian Jay	<i>Garrulus glandarius</i>	✓	✓	✓			✓	✓	✓
28	Eurasian Magpie	<i>Pica pica</i>						✓		✓
29	Western Jackdaw	<i>Coloeus monedula</i>								✓
30	Hooded Crow	<i>Corvus cornix</i>			✓	✓		✓		✓
31	Northern Raven	<i>Corvus corax</i>	✓	✓	✓	✓		✓	✓	✓
32	Great Tit	<i>Parus major</i>		✓	✓	✓	✓		✓	
33	Woodlark	<i>Lullula arborea</i>						✓	✓	
34	Eurasian Skylark	<i>Alauda arvensis</i>		✓	✓			✓		
35	Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓	✓	✓	✓	✓	✓
36	Common House Martin	<i>Delichon urbicum</i>	✓	✓	✓	✓	✓	✓	✓	✓
37	Long-tailed Tit	<i>Aegithalos caudatus</i>								H
38	Common Chiffchaff	<i>Phylloscopus collybita</i>		H	H					H
39	Eurasian Blackcap	<i>Sylvia atricapilla</i>	✓	✓						
40	Barred Warbler	<i>Sylvia nisoria</i>		✓	H					
41	Lesser Whitethroat	<i>Sylvia curruca</i>								✓
42	Eastern Orphean Warbler	<i>Sylvia crassirostris</i>			✓					
43	Common Whitethroat	<i>Sylvia communis</i>			✓					
44	Sardinian Warbler	<i>Sylvia melanocephala</i>				L/O				
45	Common Starling	<i>Sturnus vulgaris</i>	✓	✓	✓	✓	✓	✓	✓	✓
46	Common Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓	✓	✓	✓	✓
47	Song Thrush	<i>Turdus philomelos</i>								✓
48	Mistle Thrush	<i>Turdus viscivorus</i>		✓						
49	Common Nightingale	<i>Luscinia megarhynchos</i>			H	H	H			H
50	Black Redstart	<i>Phoenicurus ochruros</i>	✓	✓	✓			✓	✓	✓
51	Whinchat	<i>Saxicola rubetra</i>		✓						
52	Black-eared Wheatear	<i>Oenanthe hispanica</i>			✓		✓			
53	Rufus-tailed Rock Thrush	<i>Monticola saxatilis</i>			✓					
54	Blue Rock Thrush	<i>Monticola solitarius</i>			✓		✓			
55	Collared Flycatcher	<i>Ficedula albicollis</i>		L/O						
56	House Sparrow	<i>Passer domesticus</i>	✓	✓	✓	✓	✓	✓	✓	✓
57	Eurasian Tree Sparrow	<i>Passer montanus</i>		✓	✓					
58	Grey Wagtail	<i>Motacilla cinerea</i>		✓						
59	White Wagtail	<i>Motacilla alba</i>	✓	✓	✓	✓	✓	✓	✓	✓
60	Tawny Pipit	<i>Anthus campestris</i>						✓		
61	Tree Pipit	<i>Anthus trivialis</i>								✓
62	Common Chaffinch	<i>Fringilla coelebs</i>	✓	✓	✓	✓	✓	✓	✓	✓
63	European Serin	<i>Serinus serinus</i>			✓	✓	✓	✓	✓	
64	European Greenfinch	<i>Chloris chloris</i>			✓	✓	✓	✓		
65	European Goldfinch	<i>Carduelis carduelis</i>			✓	✓	✓			
66	Common Linnet	<i>Linaria cannabina</i>						✓		
67	Hawfinch	<i>Coccothraustes coccothraustes</i>					✓			
68	Corn Bunting	<i>Emberiza calandra</i>	✓	✓	✓					
69	Yellowhammer	<i>Emberiza citrinella</i>			H					
70	Rock Bunting	<i>Emberiza cia</i>			✓		✓		✓	
71	Ortolan Bunting	<i>Emberiza hortulana</i>			✓					
72	Cirl Bunting	<i>Emberiza cirlus</i>				✓	✓		✓	
73	Black-headed Bunting	<i>Emberiza melanocephala</i>			✓					

	Common name	Scientific name	June						
			8	9	10	11	12	13	14

Reptiles & Amphibians

1	Edible Frog	<i>Pelophylax kl esculentus</i>						✓		
2	Marsh Frog	<i>Pelophylax ridibundus</i>		✓				✓		
3	European Tree Frog	<i>Hyla arborea</i>			✓					
4	Yellow-bellied Toad	<i>Bombina variegata</i>	✓							
5	Alpine Newt	<i>Ichtyosaura alpestris</i>						✓		
6	Dalmatian Wall Lizard	<i>Podarcis melisellensis</i>			✓		✓			
7	Italian Wall Lizard	<i>Podarcis sicula</i>				✓	✓			
8	Common Wall Lizard	<i>Podarcis muralis</i>			✓					
9	Eastern Green Lizard	<i>Lacerta viridis</i>	✓							
10	Horvath's Rock Lizard	<i>Lacerta horvathi</i>							✓	
11	Balkan Green Lizard	<i>Lacerta trilineata</i>			✓					
12	European Glass Lizard	<i>Ophisaurus apodus</i>				✓				
13	Dalmatian Algyroides	<i>Algyroides nigropunctatus</i>				✓	✓			
14	Dice Snake	<i>Natrix tessellata</i>		✓						
15	Turkish Gecko	<i>Hemidactylus turcicus</i>			✓	✓				
16	Green Toad	<i>Bufo Viridis</i>			✓					

Dragonflies & Damselfly

1	Beautiful Demoiselle	<i>Calopteryx virgo</i>		✓				✓		
2	Banded Demoiselle	<i>Calopteryx splendens</i>		✓						
3	White-legged Damselfly	<i>Platycnemis pennipes</i>						✓		
4	Azure Damselfly	<i>Coenagrion puella</i>		✓						
5	Broad-bodied Chaser	<i>Libellula depressa</i>				✓		✓		
6	Black-tailed Skimmer	<i>Orthetrum cancellatum</i>						✓		
7	Norfolk Hawker	<i>Aeshna isoceles</i>		✓						
8	Common Blue Damselfly	<i>Enallagma cyathigerum</i>		✓				✓		
9	Keeled Skimmer	<i>Orthetrum coerulescens</i>						✓		
10	Small Red Damselfly	<i>Ceriagrion tenellum</i>						✓		

Orchids and Lilly

1	Tiger Lilly	<i>Lilium bulbiferum</i>	✓							
2	Lesser Butterfly Orchid	<i>Platanthera bifolia</i>							✓	
3	Southern Marsh Orchid	<i>Dactylorhiza praetermissa</i>						✓		
4	Fragrant Orchid	<i>Gymnadenia conopsea</i>		✓						
5	Bee Orchid	<i>Ophrys apifera</i>		✓						



Safflower Skipper John Maddocks



Nettle Tree Butterfly John Maddocks