

# Butterflies of Croatia

Naturetrek Tour Report

10 - 17 June 2013

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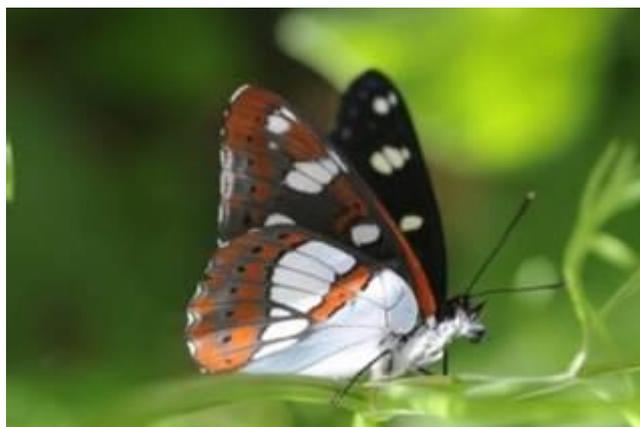
Black-veined White



Aesculapean Snake



Niobe Fritillary



Southern White Admiral

Report & images compiled by Terry Goble



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Tour Leader:	Terry Goble Gerard Gorman
Participants:	Peter Webster Paul Huckle Andrew Qualtrough Denise Qualtrough Susie Pemberton David Eastland

## Summary

After the previous success of last year's Butterfly Tour, it was always going to be a tough act to follow. This was exacerbated by the unusually wet and cold spring experienced throughout Europe. It was interesting to see how it impacted on the wildlife in Croatia, as it transpired there were fewer species and fewer numbers of butterflies in most of the locations we visited. However, there was still a great deal of wildlife to enjoy and some spectacular and beautiful butterflies on the wing. Added to this many of the locations were stunning: coastal paths; mountain ranges; and glorious flower meadows providing an ever changing backdrop to the wildlife spectacles. The group were keen on all aspects of wildlife and although the focus was primarily on butterflies, the species checklist bears testimony to the eclectic interests of all those on the trip.

## Day 1

**Monday 10th June**

The group members met up in the departure lounge shortly before take-off to introduce themselves. After a brief chat it was clear that although the focus of the holiday was butterflies everyone had a keen general approach to wildlife. A Marsh Harrier was quartering the fields around the airport when we landed at Zagreb, which was a nice start. We went through to arrivals and met up with Gerard. We had a dash through the rain to get to the minibus, but were soon all aboard. As we drove away from Zagreb the rain eased and it looked to be a fine day. We stopped for coffee at Krnjak and the diverse wildlife we sought and encountered set the pattern for the week. Andrew came back with a juvenile Dice Snake, whilst others enjoyed some demoiselles and dragonflies and some were looking at the Black Redstarts the only thing missing were butterflies!

We were soon underway again and arrived at the Sedra Hotel about two hours later. After checking in and getting settled we arranged to meet up for a walk around the meadows at the back of the hotel. We enjoyed a pleasant stroll in the late afternoon sunshine and saw Black-headed Bunting, Corn Bunting and Whinchat with a fly-by Buzzard. We added Red-backed Shrike a little later. As far as the butterflies were concerned we did find an Eastern Baton Blue, but the area was still damp from recent rain and not much was flying. After an enjoyable walk we returned to the hotel to get ready for dinner at the hotel.

## Day 2

**Tuesday 11th June**

The day started with a walk out to the meadow again, but only Gerard, Andrew and Denise were out and about.

Much the same was seen as before with only Stonechat being added. However we did enjoy much better views of the handsome Black-headed Bunting as they were seen closer and in much better light. The sound of the birds was glorious, with fluting Golden Orioles and purring Turtle Doves with Cuckoo's calling from around the grounds.

After breakfast we drove to the Plitvicka National Park to walk around the many waterfalls ('Slaps') and enjoy the stunning scenery of this popular site. We arrived as early as the opening times would allow in a hope to beat the crowds, it was still however fairly busy and the trails were getting fuller as we were there. Beside the scenery there is some wildlife to be enjoyed and we were soon watching Dice Snakes enjoying the intermittent sunshine by basking on the reeds. We also found Yellow-bellied Toad, which has startling yellow spots on its underside contrasting with its dull upper-side. There were other reptiles and amphibians to study as we walked around, but little in the way of butterflies and birds. When we arrived at the boat point the rain started to come down. We hopped on the boats and then walked to the road train to get back to the minibus. The rain did ease every now and then and some butterflies emerged with the sun, the highlight being a Scarce Swallowtail.

We spent much of the afternoon dodging the showers trying to find butterflies in cold/damp meadows...not ideal, but we did start gathering a list as blues, skippers and some others were flying between the downpours. A rather lovely Lesser Marbled Fritillary was the highlight of the butterflies we saw. We finally called it a day and went back to the hotel to warm up and get ready for our evening meal.

## Day 3

Wednesday 12th June

We awoke to glorious blue skies and were looking forward to finding good numbers of butterflies in the flower meadows on our way to the coast. Our first two stops were in gorgeous flower meadows stretching out far into the hills. We started to encounter a variety of butterflies but the profusion and diversity seemed less than in previous years. This was our first indication that the unusual weather system over much of Europe had disrupted the breeding of some of the butterflies. Never the less we still enjoyed a great many butterflies, with Amanda's Blue perhaps the most common blue, but several Mazarine and the stunning Adonis were seen. Black-veined Whites were around but not in the great numbers that we had come to expect. Of the Fritillaries, Glanville's seemed to have fared best and seemed to be around in good numbers. In the second meadow we also enjoyed the odd call of the Corncrake once familiar in the UK.

The stop at a woodland edge produced some excellent butterflies and I was particularly pleased to see Andrew with a Chequered Skipper, an exquisite little butterfly. However our next stop demonstrated how much of the countryside is still under-explored. We made a random stop at a road side quarry. Here we enjoyed a variety of wildlife; Andrew appeared with two Smooth Snakes and later showed the group where he had found scorpions. The butterflies were excellent with Safflower Skipper added to our list with many others in good numbers.

Soon we were on our way again and stopped for a final time in the uplands before the decent into the more arid coastal region. Here we would have expected Fritillaries and Graylings, but we again struggled to find many butterflies. The Painted Ladies were ubiquitous, but we contented ourselves with some fine birds and some strange invertebrates. These included some alien looking large crickets, large caddis fly type creature and a Cone head Cricket, among the birds we heard Ortolan Bunting and Subalpine Warblers.

We finally arrived at the hotel and got settled in. To round off the day we went for a walk along the seafront. This did turn a little tricky when a short cut turned into a hike along a river bed. However we did enjoy some reptiles along the way as a Glass Lizard startled Peter virtually into the arms of the nearest group member and a little later Andrew narrowly missed catching a Montpellier Snake to show the group. After the walk the group walked back to the hotel for a well-earned break and to get ready for the evening dinner.

## Day 4

Thursday 13th June

Due to a forecast of wind we decided to walk the lower cycle path behind the hotel. We followed the path for about three kilometres before stopping for lunch. Along the way we enjoyed a few different butterfly species, perhaps the highlights being Nettle Tree Butterfly and a gorgeous Little Tiger Blue (found by Paul). It was a hot and sunny day, which may have resulted in the reptiles seeking shade, but there were a number of lizard species to keep Andrew busy. We also had a black Red Squirrel which was a delightful find. We explored around the picnic site and walked a dry stream bed with overhanging trees. Here we enjoyed some stunning butterflies, Southern White Admiral, Niobe ('nose hanging') Fritillary and Grayling. We also saw some other Grayling species, but decided not to net them as we were expecting several Grayling species the next day (famous last words!).

As it was such a hot day we decided to cool off in a shady cafe and then went for a walk from a path on the lower slope (cycle path a little bit further north of the morning's path). From here we walked back to the hotel and enjoyed the woodland walk to round off a full day.

## Day 5

Friday 15th June

In the morning we drove high into the Velebit Mountains and then went on a 3 kilometre walk down the Rujno Valley. We enjoyed the sounds and smells of the walk as we passed Sage, Thyme and Rosemary plants, filling the air with their scent. We were accompanied by some notable songsters in Nightingale, Golden Oriole and Turtle Dove with Cuckoo's incessant call. Added to this was the spectacle of a myriad of butterflies of all hues and sizes, in particular the electric blue of the Adonis stood out. This all added up to a glorious day!

At the end of the walk there were several flower meadows harbouring many butterflies and a few strikingly coloured Baltic Green Lizards, with their vivid green bodies and electric blue throat. For me the only downside was the lack of expected 'hot rock' species (we rued the decision not to net the Graylings). We still enjoyed some stunning butterflies with Chequered Blue and Cardinal among the favourites. An Eastern (Blue throat) Green Lizard was a startling combination of bright green and cobalt blue. An algarodias Lizard (endemic to Dalmatia) was also enjoyed by most as in displayed nicely to show off its contrasting blue head.

Walking down the mountain-side, Iolas blue was a nice find but despite staking out its food plant we could not net a male to show the group. We watched as they flew around frustratingly just out of reach. We also heard and eventually briefly saw a Wryneck as it flew off and two flushed Rock Partridge were unfortunately only seen by the leader.

## Day 6

Saturday 16th June

Today we took the long scenic route to Otocac. The first stop was amongst fantastic scenery with a view down to the ocean. There were some lovely butterflies to enjoy; Blue Argus and Sooty Satyr were particularly enjoyed, whilst the more ardent butterfly enthusiasts were very pleased with an Oberther's Skipper and Olive Skipper. Worth noting were the two forms of Glanville as we found the nominate form and the darker and smaller mountain form. However all the butterflies were upstaged by a Nose Horned Viper that showed well intermittently... Everybody enjoyed watching and photographing this venomous snake. We also had a 'Beethoven' bird (Ortolan Bunting) call and then fly in to view. Everyone enjoyed this glorious site, with cracking wildlife and stunning views on mountains and the coast, but it was soon time to drive off. Not long en route back to the main road a Short-toed Eagle was seen sitting on top of a pylon and we stopped to enjoy this magnificent bird.

Next stop finally produced Bright-eyed Ringlet and quite a number of birds for the list. We had a picnic lunch in the shade. Some lovely Fragrant Orchids and Black-eared Wheatears were highlights of this stop. Our next stop was the popular stop at an upland stream. On alighting from the bus we immediately saw a Grass Snake and a number of frogs and Alpine Newts, there were several Nettle tree Butterflies around and a few Marsh and Pearl Bordered Fritillaries were a lovely find. For the botanists, Marsh Orchid and Fragrant Orchid were notable. Searching for wildlife in the stream brought back childhood memories of pond dipping, jam jars and tadpoles! It was a great way to spend a few hours before we reluctantly went on our way again. Susie had made several new friends and spent much of her time 'chatting' to the Marsh Frogs, all very normal!

We arrived at the hotel just after 4:30pm and after checking in and a short break we headed out into the gorgeous flower meadow opposite the hotel. We were soon enjoying a heady mix of wild flowers and beautiful butterflies. More ostentatious colour was added in by a male Golden Oriole sitting on top of a tree giving excellent views of an elusive bird. Some pristine fritillaries we noted as Twin Spotted, Spotted, Queen of Spain and Glanville. There were also some bright blues one of which presented a challenge as it seemed to show features of Reverdines and Silver Studded Blues. It had no forelimb spike, but no orange lunules on its upper hind wing...something was amiss, but after a long hot day we agreed to sample some more specimens tomorrow....now was time to get ready for a welcome drink and dinner.

## Day 7

Sunday 17th June

Today we drove high into the Velebit NP. After a couple of roadside stops we went to a lovely meadow fringed by woodland. Despite there being a good number of butterflies we only added a few new species all of which were butterflies found in the UK! We added species such as Orange Tip, Speckled Wood and Small Tortoiseshell. Andrew came up with the reptile goods and showed the group an arboreal snake (Aesculapen), which intrigued all and gave excellent photographic opportunities.

We ended the hot and sunny afternoon with a walk along a river famous for its trout fishing in a village just next to Sedra. We did add the stunning Large Copper at this site and there was also considerable bird interest as Golden Orioles flew over and nesting Lesser Grey Shrike was an interesting find, we also did see some Brown Trout!

It was soon time to head back to the hotel and get ready for the evening meal. We did however manage one last look for the Sloe Skipper in the meadow opposite the hotel, despite copious amounts of Sloe and a profusion of butterflies we were unable to add any new species, but enjoyed the late afternoon sun in a glorious meadow.

## Day 8

Monday 18th June

Today we packed up and got ready for the journey home. The initial drive to the airport was taken on a back route through some beautiful wooded hills. We had another mammal for the trip in the form of a Brown Hare, which ran down the road in front of the bus long enough for everyone to get excellent views. We also had a Common Buzzard which flew in front of the bus for quite some distance before disappearing into the wood.

Once down out of the wooded hills we encountered some lovely flowery meadows and randomly stopped at one that looked promising. The last few days of sunshine had evidently speeded things along as there was an abundance of butterflies of all colours and sizes. We added a new species in Reverdines Blue, but the whole site was covered in Blues, Fritillaries, Skippers, Whites and Browns. We also heard Corncrake calling in an adjacent meadow. Time was pressing and we had to move on but that was a site we may return to and explore more thoroughly.

We had one last stop for coffee and toilets and a quick search for Map butterflies, which was fruitless. Soon we were on our way to the airport and after another hour we arrived in good time. We did miss a Bee-eater sitting on a wire as it was spotted whilst we were on a level crossing and could not stop. This unfortunately went as a leader only sighting.

We said our farewells to Gerard, who had entertained us with his frankly appalling puns all week (with shameful support from Peter!) and left behind what had been a fabulous week in a beautiful and unspoilt country, let's hope that despite joining the E.U it can stay that way...

My thanks go to the entire group that made this trip one of the most relaxing and enjoyable ever. It is always a pleasure to work with people that have a keen interest in all wildlife. I would especially like to thank Andrew for entertaining the group with a variety of gorgeous and potentially lethal reptiles and for scaring Peter half to death!

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## Species List

Butterflies (✓ = recorded but not counted)

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

	Common name	Scientific name	June							
			10	11	12	13	14	15	16	17
48	Cardinal	<i>Argynnis pandora</i>					3			
49	Niobe Fritillary	<i>Fabriciana niobe</i>				6	✓	✓		
50	Dark Green Fritillary	<i>Mesoacidalia aglaja</i>								
51	Queen of Spain Fritillary	<i>Issoria lathonia</i>		2	✓	1	✓	✓	✓	
52	Twin-spot Fritillary	<i>Brenthis hecate</i>			1		1	1		
53	Lesser Marbled Fritillary	<i>Brenthis ino</i>		1						
54	Pearl-bordered Fritillary	<i>Clossiana euphrosyne</i>						2	✓	
55	Glanville Fritillary	<i>Melitaea cinxia</i>	1	3	✓		✓	✓	✓	✓
56	Knapweed Fritillary	<i>Melitaea phoebe</i>			1					
57	Spotted Fritillary	<i>Melitaea didyma</i>				1		1	4	
58	Lesser Spotted Fritillary	<i>Melitaea fascelis</i>			1					
59	Heath Fritillary	<i>Mellicta athalia</i>						2	4	
60	Marsh Fritillary	<i>Eurodryas aurinia</i>			✓	2		1		
61	Marbled White	<i>Melanargia galathea</i>				✓	✓			
62	Grayling	<i>Hipparchia semele</i>				✓	✓	✓	1	
63	Great Sooty Satyr	<i>Satyrus ferrula</i>						1		
64	Woodland Ringlet	<i>Erebia medusa</i>		4	✓			✓	✓	
65	Bright-eyed Ringlet	<i>Erebia oeme</i>						✓	□	
66	Speckled Wood	<i>Pararge aegeri</i>							1	
67	Wall Brown	<i>Lasiommata megera</i>	□	□	✓	✓	✓	□	1	□
68	Large Wall Brown	<i>Lasiommata maera</i>	□	□	✓	✓	✓	✓	□	□
69	Meadow Brown	<i>Maniola jurtina</i>	□	✓	✓	✓	✓	✓	✓	✓
70	Ringlet	<i>Aphantopus hyperantus</i>	□	□	□	□	□	1	□	□
71	Small Heath	<i>Coenonympha pamphilus</i>	✓	✓	✓	✓	✓	✓	✓	✓
72	Pearly Heath	<i>Coenonympha arcania</i>		1					✓	
73	Chestnut Heath	<i>Coenonympha glycerion</i>						✓	2	
74	Grizzled Skipper	<i>Pyrgus malvae</i>			✓		1	✓	2	2
75	Oberthur's Grizzled Skipper	<i>Pyrgus armoricanus</i>						1		
76	Olive Skipper	<i>Pyrgus serratulae</i>						1		
77	Safflower Skipper	<i>Pyrgus carthami</i>			2					
78	Hungarian Skipper	<i>Spilalia orbifer</i>		2						
79	Mallow Skipper	<i>Carcharodus alceae</i>			1	1			1	
80	Dingy Skipper	<i>Erynnis tages</i>							2	
81	Chequered Skipper	<i>Carterocephalus palaemon</i>			1					
82	Lulworth Skipper	<i>Thymelicus acteon</i>				3	✓	✓		
83	Essex Skipper	<i>Thymelicus lineola</i>					2			
84	Small Skipper	<i>Thymelicus flavus</i>			✓		✓			
85	Large Skipper	<i>Ochlodes venatus</i>				4				
86	Nickerl's Fritillary	<i>Melitaea aurelia</i>		1						
87	Red Under-wing Skipper	<i>Spialia sertorius</i>			1					
88	Iolas Blue	<i>Lolana iolas</i>					2			

## Moths

Essex Emerald, *Thetidia smaragdaria*  
 Spotted sulphur, *Adeonlia trabealis*  
 Royal mantle, *Catarhoe cuculata*  
 Forester, *Adiscita statices*  
 Green carpet, *Colostygia pectinatata*  
 Black veined moth, *Siona lineata*  
 Common heath, *Ematurga atomaria*

Toadflax brocade, *Celophina lunula*  
 Ground lackey, *Malacosama castrensis*  
 Argent and sable, *Reumaptera hastate*  
 Light brocade, *Lacanobia w-latinum*  
 Rustic (type), *Hoplodrina* sp.  
 Varied coronet, *Hadena compta*  
 Latticed heath, *Chiasmia clathrara* c.

Olive bee hawkmoth , *Hemaris tityus*  
 White ermine , *Spilosoma lubricapeda*  
 Nine spotted , *Amata phegea*  
 Mother Shipton, *Callistege ni*  
 Silver y , *Autographa Gamma*  
 Chinese character , *Cilix glaucata*  
 Small dusty wave , *Idaea seriata*  
 Six spot burnet, *Zygaena fillipendulae stephensi*

Humming bird hawkmoth , *Macroglossum stell arum*  
 Cream Spot tiger , *Callimorpha*  
 Speckled yellow, *Pseudopanthera macularia*  
 Heart and Dart , *Argrotis exclamationis*  
 Golden yellow wave , *Idaea auriolaria*  
 Lesser yellow underwing , *Noctua comes*  
 Cinnabar, *Tyria jacobaeae*  
 Hornet moth, *Sesia apiformis*

Birds (✓ = recorded but not counted; LO = leader only; H = heard only)

	Common name	Scientific name	June							
			10	11	12	13	14	15	16	17
1	Rock Partridge	<i>Alectoris graeca</i>					LO			
2	Common Quail	<i>Coturnix coturnix</i>		H						
3	Common Pheasant	<i>Phasianus colchicus</i>			H	H				
4	Mallard	<i>Anas platyrhynchos</i>		2						
5	Pochard	<i>Aythya ferina</i>			✓					
6	Little Grebe	<i>Tachybaptus ruficollis</i>							✓	
7	White Stork	<i>Ciconia ciconia</i>	3							
8	Black Kite	<i>Milvus migrans</i>	1	1						
9	European Honey Buzzard	<i>Pernis apivorus</i>				1		2	1	
10	Short-toed Snake Eagle	<i>Circaetus gallicus</i>	LO					1		
11	Western Marsh Harrier	<i>Circus aeruginosus</i>	1							
12	Eurasian Sparrowhawk	<i>Accipiter nisus</i>					LO			
13	Common Buzzard	<i>Buteo buteo</i>	4	✓	✓	2		✓	✓	✓
14	Common Kestrel	<i>Falco tinnunculus</i>	2	✓						
15	Eurasian Hobby	<i>Falco subbuteo</i>		1					LO	
16	Coot	<i>Fulica atra</i>			✓				2	
17	Corncrake	<i>Crex crex</i>			H					H
18	Yellow-legged Gull	<i>Larus michahellis</i>	✓		✓	✓	✓	✓		
19	Common (Feral) Pigeon	<i>Columba livia 'feral'</i>	✓	✓	✓	✓	✓	✓	✓	✓
20	Common Wood Pigeon	<i>Columba palumbus</i>	✓	✓	✓	✓	✓	✓	✓	✓
21	European Turtle Dove	<i>Streptopelia turtur</i>	✓	✓	✓	✓	✓	✓	✓	✓
22	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	✓	✓	✓	✓	✓	✓	✓	✓
23	Common Cuckoo	<i>Cuculus canorus</i>		✓	H		H	H	H	H
24	Eurasian Scops Owl	<i>Otus scops</i>	H	H			H	H	H	
25	Common Swift	<i>Apus apus</i>		✓	2				✓	
26	European Bee-Eater	<i>Merops apiaster</i>					H	H	H	
27	Eurasian Hoopoe	<i>Upupa epops</i>			1			1		
28	Eurasian Wryneck	<i>Jynx torquilla</i>					1	H	✓	
29	Great Spotted Woodpecker	<i>Dendrocopos major</i>	1	1	1			1		
30	European Green Woodpecker	<i>Picus viridis</i>						H		
31	Red-backed Shrike	<i>Lanius collurio</i>	1	✓	✓	✓	✓	✓	✓	✓
32	Lesser Grey Shrike	<i>Lanius minor</i>							4	
33	Eurasian Golden Oriole	<i>Oriolus oriolus</i>		✓		✓	H	✓	✓	
34	Eurasian Jay	<i>Garrulus glandarius</i>					1	1	✓	
35	Eurasian Magpie	<i>Pica pica</i>	✓	✓	✓			✓	✓	
36	Western Jackdaw	<i>Coloeus monedula</i>	✓					✓		
37	Hooded Crow	<i>Corvus cornix</i>	✓	✓	✓	✓	✓	✓	2	✓
38	Northern Raven	<i>Corvus corax</i>					2	4	2	
39	Crested Tit	<i>Lophophanes cristatus</i>							H	
40	Marsh Tit	<i>Poecile palustris</i>			1					

	Common name	Scientific name	June								
			10	11	12	13	14	15	16	17	
41	Great Tit	<i>Parus major</i>		H					1	H	
42	Crested Lark	<i>Galerida cristata</i>	✓								
43	Eurasian Skylark	<i>Alauda arvensis</i>		✓	✓				H	✓	
44	Sand Martin	<i>Riparia riparia</i>									
45	Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
46	Red-rumped Swallow	<i>Cecropis daurica</i>					✓				
47	Common House Martin	<i>Delichon urbicum</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
48	Common Chiffchaff	<i>Phylloscopus collybita</i>					H				
49	Eurasian Blackcap	<i>Sylvia atricapilla</i>		H							
50	Barred Warbler	<i>Sylvia nisoria</i>			3	H					
51	Eastern Orphean Warbler	<i>Sylvia crassirostris</i>			H	H	H	1			
52	Subalpine Warbler	<i>Sylvia cantillans</i>			H	✓	✓	✓	✓		
53	Common Starling	<i>Sturnus vulgaris</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
54	Common Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
55	Song Thrush	<i>Turdus philomelos</i>						H	H		
56	European Robin	<i>Erithacus rubecula</i>			H						
57	Common Nightingale	<i>Luscinia megarhynchos</i>			H	H	H	H	H		
58	Black Redstart	<i>Phoenicurus ochruros</i>	2	1						1	
59	Whinchat	<i>Saxicola rubetra</i>	2	2							
60	European Stonechat	<i>Saxicola rubicola</i>		2							
61	Black-eared Wheatear	<i>Oenanthe hispanica</i>			✓			✓			
62	Rufous-tailed Rock Thrush	<i>Monticola saxatilis</i>						1			
63	Blue Rock Thrush	<i>Monticola solitarius</i>			H		✓				
64	House Sparrow	<i>Passer domesticus</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
65	Eurasian Tree Sparrow	<i>Passer montanus</i>							✓		
66	Blue-headed Wagtail	<i>Motacilla flava flava</i>						1	1		
67	Grey Wagtail	<i>Motacilla cinerea</i>		✓							
68	White Wagtail	<i>Motacilla alba</i>		✓	✓	✓	✓	✓	✓	✓	✓
69	Tree Pipit	<i>Anthus trivialis</i>					H				
70	Water Pipit	<i>Anthus spinoletta</i>						H			
71	Common Chaffinch	<i>Fringilla coelebs</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
72	European Serin	<i>Serinus serinus</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
73	European Greenfinch	<i>Chloris chloris</i>			✓	✓	✓	✓	✓		
74	European Goldfinch	<i>Carduelis carduelis</i>			✓	H	✓	✓	✓		
75	Red Crossbill	<i>Loxia curvirostra</i>						✓			
76	Hawfinch	<i>Coccothraustes coccothraustes</i>					✓				
77	Corn Bunting	<i>Emberiza calandra</i>	4	✓	✓			✓	✓		
78	Yellowhammer	<i>Emberiza citrinella</i>		H							
79	Rock Bunting	<i>Emberiza cia</i>					3				
80	Ortolan Bunting	<i>Emberiza hortulana</i>						✓			
81	Cirl Bunting	<i>Emberiza cirlus</i>			H	✓	✓				
82	Black-headed Bunting	<i>Emberiza melanocephala</i>	1	2							

## Odonata

Beautiful Demoiselle, *Calopteryx virgo*

Banded Demoiselle, *Calopteryx splendens*

White-legged Damselfly, *Platycnemis pennipes*

Azure Damselfly, *Coenagrion puella*

Common Clubtail, *Gomphus vulgatissimus*

Broad-bodied Chaser, *Libellula depressa*

Black-tailed Skimmer, *Orthetrum cancellatum*

Common Blue Damselfly, *Enallagma cyathigerum*

## Reptiles & amphibians

Yellow-bellied Toad, *Bombina variegata*

Marsh Frog, *Pelophylax ridibundus*

Italian Wall Lizard, *Podarcis sicula*

Horvath's Rock Lizard, *Lacerta horvathi*

Dalmatian Algyroides, *Algyroides nigropunctatus*

Hermann's Tortoise, *Testudo hermanni*

Leopard Snake, *Elaphe situla*

Dice Snake, *Natrix tessellata*

Montpellier Snake, *Malpolon monspessulanus*

Aesculapian Snake, *Zamenis longissimus*

Alpine Newt, *Ichthyosaura alpestris*

Grass Snake, *Natrix natrix*

Edible Frog, *Pelophylax kl esculentus*

Dalmatian Wall Lizard, *Podarcis melisellensis*

European Green Lizard, *Lacerta viridis*

European Glass Lizard, *Ophisaurus apodus*

Slow-worm, *Anguis fragilis*

Whipsnake sp., *Masticophis sp*

Smooth Snake, *Coronella austriaca*

Common Wall Lizard, *Podarcis muralis*

Horned Nose Viper, *Vipera ammodytes*

Turkish Gecko, *Hemidactylus turcicus*

Fire Salamander, *Salamandra salamandra*

## Invertebrates

Crab Spider (Yellow), *Misumena vatia*

Scorpion, *Euscorpia croatia*

Field Cricket, *Gryllus assimilis*

Longhorn Beetle sp, *Cerambycidae*

Ladybird Spider, *Eresus sandaliatus*

Wolf Spider sp, *Lycosidae*

Conehead sp, *Concephalus sp*

Egyptian Grasshopper, *Anacridium aegyptium*

Great Green Bush Cricket, *Tettigonia viridissima*

Red Jumping Spider, *Philaeus chrysops*

Rose Chaffer, *Cetonia aurata*

Beetle no common name, *Oxythrea Funesta*



Hermann's Tortoise by Gerard Gorman