

# The Butterflies & Birds of North Macedonia

Naturetrek Tour Report

22nd – 29th June 2023

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Balkan Spoon-winged Lacewing



Black-headed Bunting



Scarce Swallowtails



Macedonian Grayling

Tour report and images by Nicola Scatassi

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Tour participants: Nicola Scatassi and Martin Hrouzek (leaders) with 14 Naturetrek clients

## Summary

North Macedonia is a beautiful country, scarcely populated and very rich in terms of wildlife, stunning habitats, and gorgeous landscapes. Mountains are a main feature, but perhaps its rolling hills and lowlands are even more interesting for a naturalist. Farmland birds are still common in North Macedonia, and together with a fine selection of mountain and special “oriental” species, make for a fantastic birding destination. A great sighting of Rock Partridges was surely among the highlights, but there are simply too many to mention, including many raptors and all those passerine species found in the surroundings of our first hotel. Just incredible! Not forgetting herps and dragonflies, again with interesting species with an eastern distribution. This tour is focused mainly on butterflies, and one cannot be disappointed by the sheer number and quality of species seen: from Little Tiger Blue to Cardinal and Swallowtails, from fifteen species of skippers to a profusion of fritillaries, plus Eastern Festoon and of course the endemic Macedonian Grayling. We succeeded again in finding over a hundred species of butterflies, 106, not too bad! Besides this, we recorded 26 species of dragonflies, 17 species of herps and over 130 species of birds. Food and accommodation were great as usual, roads are very good, everything went smoothly, and we all thoroughly enjoyed a great tour!

## Day 1

Thursday 22nd June

While tour leader Martin and one participant from Switzerland were already in Skopje airport, the other flights were delayed, arriving around 9 pm. Therefore, we had a late, but delicious dinner, at our hotel in Demir Kapja, about one hour drive from the airport. Before going to bed, there was time for a few participants to see both Little and Tawny owl.

## Day 2

Friday 23rd June

Some people decided to have a very early morning walk, starting at 5 o'clock, and they were rewarded, seeing an impressive array of interesting birds before breakfast, including Eastern Orphee, Eastern Olivaceous and Sardinian Warbler, Golden Oriole, Turtle Dove, Black-headed Bunting and Syrian Woodpecker. Our first butterfly today was Balkan Marbled White, briefly caught and then released, just as a Booted Eagle passing by.

We then drove to the Vitachevo plateau area, having picked up our local guide Emil, the “raptor guy”. The first stop was by the vultures feeding site, reached after a few minutes walk, during which we saw hundreds of butterflies along the path, really amazing concentrations of various species, including Cardinal, Spotted and Marbled Fritillary, Amanda's Blue, Large Tortoiseshell, Sloe Hairstreak and others plus an owl *Libelloides macaronius*. Both Egyptian and Griffon vultures were seen, the latter with at least five different individuals. A family of Sombre Tits was a very welcome sight, while on the insect front, the strange looking praying mantis *Empusa fasciata* received much attention, as did a flying big male Stag Beetle. It was interesting to hear all the things that Emil told us about vultures and raptor conservation in North Macedonia: not without its challenges however.

After a lovely light lunch in a local restaurant, we went to another site stopping at a great lookout point where stunning views of Lesser Spotted Eagle were obtained, first from above and then from below, as the bird made a very rapid descent probably having seen a prey. Down by the tiny village of Bosava, we went to the river, seeing

at first some caterpillars and then a rather tatty adult Eastern Festoon. A great find, as it typically flies much earlier in the season! New dragonflies and damselflies included the beautiful Odalisque and the very pretty Beautiful Demoiselle, as well as Eastern Spectre and Balkan Goldenring, not bad at all! We found Southern White Admiral and several other butterflies. And we saw the largest wasp of Europe, the Mammoth Wasp and a beautiful sand wasp of *Bembix* genus. On our way back, a roadside stop produced a showy Lesser Grey Shrike.

## Day 3

## Saturday 24th June

The pre breakfast walk was again very productive. We had Lesser Grey, Red-backed, Woodchat and Masked Shrike, again Eastern Orphean Warbler and also a Barred Warbler, plus Hoopoe, Golden Oriole, Bee-eater, Levant Sparrowhawk and many other species. We also found the impressive Bronze Glandular Bush Cricket, a really massive ground dwelling black cricket, typical of this area: we were told later that these critters are a large part of the diet of local Eurasian Rollers and Lesser Kestrels. We then drove a short distance towards the area of Krivokak, stopping in a rural village with several White Stork's nests with attending Spanish Sparrows. It was already very hot this morning as we started to explore this open area: in a small roadside puddle, four gorgeous Scarce Swallowtails were sipping salt together, nicely posing for some great photo opportunities. Other butterflies included Balkan/Delatin's Grayling, Persian and Lulworth Skipper. New dragonflies found around the small ponds were White-tailed and Southern Skimmer and Southern Emerald. A few Black-eared Wheatears were also a new species, as well as Little Ringed Plover, while in a shallow pool there were hundreds of Eastern Spadefoot tadpoles.

After picking up Emil, we went on a hill overlooking the Veles rubbish dump, where we immediately found an Eastern Imperial Eagle on top of a pole. Later on, at least two more individuals were seen. Always an impressive bird, and it was good to hear that they're doing well in North Macedonia. The Babuna Gorge was our next destination, though the intense heat, combined with high humidity in the air, made for tough conditions, for us, as well as for wildlife. Great views of a gorgeous male Levant Sparrowhawk and several Rollers were enjoyed, and new butterflies included Little Tiger Blue mating, Osiris Blue, White-banded Grayling and Mediterranean Skipper! A nice Capricorn Longhorn Beetle was also found and photographed, as well as Small Pincertail. We then went to Mladost Lake, where quite incredibly, we couldn't find any Bladetail, mainly because of some heavy road works going on. While looking for butterflies in a field here, a Rock Partridge was flushed by a lucky participant. During the short lakeside walk, a beautiful Penduline Tit was seen building its nest!

## Day 4

## Sunday 25th June

Our last pre breakfast walk was again very good, we added Hawfinch and had good views of Lesser Spotted Woodpecker, while an Eastern Subalpine Warbler allowed only for a brief glimpse. Golden Orioles were quite showy again, and two Egyptian Vultures remained in sight for several minutes, allowing for great close-up views. Two Crested Tits were a surprise. We then drove a short distance into the Demir Kapija gorge, a lovely place indeed: Blue Rock Thrush was seen well, as well as Crag Martins and a few noisy Western Rock Nuthatches. We then stopped by a lovely little stream where we found more Balkan Goldenrings, Eastern Spectre and both Beautiful and Banded Demoiselle, but the most interesting dragonfly was a Balkan Emerald. One or two Yellow-bellied Toads were present, as well as a single Marsh Frog and, more interestingly, a few Greek Stream Frogs, a species never seen before on this tour. A gorgeous Balkan Spoon-winged Lacewing was seen, and butterflies

included many Ilex Hairstreaks, Southern Comma and Lang's Short-tailed Blue. As we were leaving the gorge, the only Bladetail of the trip was seen by one lucky participant.

We then drove west for about an hour, and we stopped at the good site of Belovodica, just before the Pletvar pass, by a small river where we had lunch and found a nice array of butterflies. Fresh Sandy Grizzled Skippers were posing on the wet soil alongside with Oriental Marbled Skipper. Flowery meadows and roadside produced Grayling, Lesser Purple Emperor and Freyer's Fritillary. Two species of orchids were also seen. A huge flying Capricorn long horn beetle was also seen, unfortunately only by the two leaders. At the pass itself, we couldn't find any Macedonian Grayling - they were not out yet, but we did see some interesting things: Emerald Damselfly, Small Bluetail, a Goshawk and a Golden Eagle which sat on a rock for a while and then took off to take a snake!

Next stop was our new hotel, a 40 minutes drive, nicely located by a village in mid elevation forest, which had a couple of Red Squirrels in the garden.

## Day 5

Monday 26th June

The early morning walk produced juvenile Syrian and Green Woodpeckers, Tree Sparrows, Cirl Bunting and a Wryneck calling, among other things. After breakfast, we drove about one hour and reached the Crna river, passing through some beautiful and uninhabited landscapes. By the river and in the surrounding, beautiful area, we found lots of Map Butterfly, Purple-shot Copper, Yellow-banded Skipper and other commoner species. The roadside produced Little Tiger Blue and Spurge Hawk Moth caterpillar. Lesser Purple Emperor and Lattice Brown drew crowds as they were easy to photograph sucking fresh sap from a tree wound. Eastern Baton Blue was surrounded by dozens of *Nomioides facilis*, one of the smallest bees of Europe. Woodland Grayling and a rare finding for North Macedonia - a Black Hairstreak, were the last butterfly additions to our list at this splendid site. The Odalisque was found again, along with hundreds of Banded Demoiselles and a few Scarce Chasers. Rock Bunting and Honey Buzzard were also seen, as well as another gracious lacewing.

A couple of roadside ponds on our way back produced quite a lot of species, including both Emperors, Azure and Dainty Blues, Broad Scarlet and Red-veined Darter, as well as our first Erhard's Wall Lizard and a European Pond Terrapin. Along the road, we briefly stopped to watch a Long-legged buzzard. We then tried to find an entrance to some fish ponds near Bitola but there was no way in, so we drove up back past the hotel inside Pelister National Park, where we had a short walk in the mixed forest, finding Woodland Ringlet, Duke of Burgundy and a lot of Black-veined Whites. A Common Toad was spotted, and in a tiny puddle along the trail, at least five Yellow-bellied Toads were seen.

## Day 6

Tuesday 27th June

The early morning walk for some, produced good views of a Wryneck and two Red Squirrels in the hotel garden, plus other commoner species. We then drove to the shore of the Prespa Lake, where we saw quite a few huge Dalmatian Pelicans peacefully floating on the water, and just one or two White Pelicans. A single female Red-veined Darter was found, and two big snakes were very briefly seen by a few participants: Eastern Montpellier and Four-lined Snake. Hundreds of tiny Green Toads were walking about in the lake side field, with a few European Tree Frogs among them. Alpine Swifts and Red-rumped Swallows were also present. A large female Ladybird

Spider was seen, while several huge spikes of Lizard Orchid were a nice sight. Two rather surprising butterflies were Common Glider and Powdered Brimstone.

We then started to climb up into some oak woodland countryside, and a stop here produced more orchids and another very big flying Stag Beetle. Keeled Skimmer was a new dragonfly, while butterflies included Glanville and Pearl-bordered Fritillary, Eastern Baton Blue and Crimson-winged Tiger. Lunch was enjoyed in a beautiful mid mountain area, rather open with some rocky outcrops and scattered trees: here we found singing Rock Buntings, Whinchat, Northern Wheatear and both Lesser Grey and Red-backed Shrikes. Beautiful Owlflies *Libelloides lacteus* were flying around, and the large several gatherings of blue butterflies were simply stunning: species included Freyer's, Knapweed and Eastern Knapweed Fritillary, Amanda's, Turquoise and Escher's Blue or Mountain Argus. Another stop was then at the pass higher up, where Clouded Apollo was found, together with various Russian Heaths and a few Marsh Fritillaries and Geranium Argus. Skylarks were singing and at least one Water Pipit was seen. After great views of Ohrid lake from above, we then drove down to Ohrid city itself, a historical town sometimes referred to as the Jerusalem of the Balkans. We spent a good hour here visiting its narrow streets and appreciating its ancient charm.

## Day 7

## Wednesday 28th June

Today, three big off-road vehicles were waiting for us at the hotel: we were due to climb up the rough road to its very limit, at over 2,200 metres above the sea level, in order to reach a mountain hut where the three drivers/guide would prepare a most delicious lunch for us, with all sorts of homemade, and home-grown fresh meat, vegetables, fruits and so on. We made a few stops along the way, at various heights, and they all were productive. Butterflies included Woodland Ringlet and Northern Wall Brown while a single Southern Migrant Hawker was a new dragonfly. Actually, what was supposed to be mostly a butterfly day, turned out to be a fantastic bird day! A couple of Nutcrackers were spotted in the coniferous forest - always a great bird to see. As we reached above the tree line, a short stroll allowed us to have great views of Alpine Accentor, Black Redstart, Water Pipit, Northern Wheatear and a magnificent male Common Rock Thrush. But perhaps the best sighting was that of two very close Rock Partridges, walking a few feet from the road and which we could properly admire in all their beauty. A Golden Eagle was seen again, along with two Short-toed Eagles and a single male Montagu's Harrier and another male Common Rock Thrush.

## Day 8

## Thursday 29th June

After breakfast, we loaded our vans and headed towards Pletvar Pass, where we had another chance for the endemic Macedonian Grayling. Sure enough, two individuals were found, one by Martin and one by some participants, bingo! Gatekeeper and Great Sooty Satyr were new as well.

We then drove to Babuna Gorge, where participants had a couple of hours to explore on their own and have picnic lunch, and where Nicola said farewell to the group as he had a flight to catch, while the group's flight was later on the evening. A local birding guide then joined in, and he turned out to be a very good and knowledgeable one! A few new sites were visited, and quite a few new birds were added, such as Calandra and Short-toed lark. A small group of Rosy Starlings showed really well right after arrival, including handsome males. They were possibly an advanced troop searching for the right breeding sites. We then spent some time in search of Rock Sparrow. And just when we thought there were none, someone spotted a Four-lined Snake half way in a breeding hole and the

pair of Rock Sparrows was pretty agitated by the intruder. The very last butterflies added were The Hermit and Holly Blue. Once again, in spite of a strange season with quite a lot of almost guaranteed species not yet out, we managed to see more than a hundred species of butterflies - 106 to be precise!

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## Species lists

### Butterflies

Common name	Scientific name	June 2023							
		22	23	24	25	26	27	28	29
Scarce Swallowtail	<i>Iphiclides podalirius</i>		✓	✓	✓	✓	✓		
Common Swallowtail	<i>Papilio machaon</i>		✓	✓	✓	✓	✓		
Clouded Apollo	<i>Parnassius mnemosyne</i>						✓	✓	
Eastern Festoon	<i>Zerynthia cerisy</i>		✓						
Large Skipper	<i>Ochlodes sylvanus</i>					✓	✓		
Lulworth Skipper	<i>Thymelicus acteon</i>			✓					
Small Skipper	<i>Thymelicus sylvestris</i>		✓	✓	✓	✓	✓		
Essex Skipper	<i>Thymelicus lineola</i>		✓	✓	✓				
Persian Skipper	<i>Spialia phlomidis</i>			✓					
Orbed Red-underwing Skipper	<i>Spialia orbifer</i>		✓		✓	✓	✓		
Mallow Skipper	<i>Carcharodus alceae</i>			✓	✓	✓			
Mediterranean Skipper	<i>Gegenes nostrodamus</i>			✓					
Oriental Marbled Skipper	<i>Carcharodus orientalis</i>				✓		✓		
Tufted Marbled Skipper	<i>Carcharodus flocciferus</i>		✓	✓					
Dingy Skipper	<i>Erynnis tages</i>						✓	✓	
Grizzled Skipper	<i>Pyrgus malvae</i>		✓			✓	✓	✓	
Yellow-banded Skipper	<i>Pyrgus sidae</i>						✓		
Olive Skipper	<i>Pyrgus serratalae</i>				✓		✓		
Oberthür's Grizzled Skipper	<i>Pyrgus armoricanus</i>					✓			
Eastern Wood White	<i>Leptidea duponcheli</i>		✓	✓		✓	✓		
Wood White	<i>Leptidea sinapis</i>		✓		✓	✓			
Common Brimstone	<i>Gonepteryx rhamni</i>				✓	✓			
Powdered Brimstone	<i>Gonepteryx farinosa</i>						✓		
Berger's Clouded Yellow	<i>Colias alfacariensis</i>			✓		✓	✓		
Clouded Yellow	<i>Colias crocea</i>		✓	✓	✓	✓	✓	✓	✓
Black-veined White	<i>Aporia crataegi</i>		✓		✓	✓	✓	✓	✓
Eastern Bath White	<i>Pontia edusa</i>			✓	✓				
Large White	<i>Pieris brassicae</i>		✓		✓	✓			
Small White	<i>Pieris rapae</i>			✓	✓		✓	✓	
Southern Small White	<i>Pieris mannii</i>		✓	✓					
Orange-tip	<i>Anthocharis cardamines</i>							✓	
Duke-of-Burgundy	<i>Hamearis lucina</i>					✓	✓		
Purple-shot Copper	<i>Lycaena alciphron</i>		✓			✓			
Small Copper	<i>Lycaena phlaeas</i>		✓	✓	✓	✓	✓	✓	✓
Sooty Copper	<i>Lycaena tityrus</i>					✓			
Black Hairstreak	<i>Satyrium pruni</i>					✓			
Green Hairstreak	<i>Callophrys rubi</i>		✓		✓		✓		
Ilex Hairstreak	<i>Satyrium ilicis</i>		✓				✓		
Sloe Hairstreak	<i>Satyrium acaciae</i>		✓		✓	✓	✓		
Lang's Short-tailed Blue	<i>Leptotes pirithous</i>				✓				
Holly Blue	<i>Celastrina argiolus</i>								✓
Little Tiger Blue	<i>Tarucus balkanicus</i>			✓		✓			
Eastern Baton Blue	<i>Pseudophilotes vicrama</i>					✓	✓		
Provençal Short-tailed Blue	<i>Cupido alcetas</i>				✓				
Osiris Blue	<i>Cupido osiris</i>			✓	✓		✓		

		June 2023							
Common name	Scientific name	22	23	24	25	26	27	28	29
Small Blue	<i>Cupido minimus</i>			✓	✓		✓		
Silver-studded Blue	<i>Plebejus argus</i>		✓		✓	✓	✓		
Geranium Argus	<i>Eumedonia eumedon</i>						✓		
Zephyr Blue	<i>Kretania pylaon</i>		✓				✓		
Mazarine Blue	<i>Cyaniris semiargus</i>		✓		✓	✓			
Blue Argus	<i>Aricia anteros</i>						✓		
Brown Argus	<i>Aricia agestis</i>		✓	✓	✓	✓	✓		
Adonis Blue	<i>Lysandra bellargus</i>			✓	✓	✓	✓		
Chapman's Blue	<i>Polyommatus thersites</i>			✓		✓			
Amanda's Blue	<i>Polyommatus amandus</i>		✓		✓		✓		
Turquoise Blue	<i>Polyommatus dorylas</i>				✓		✓		
Common Blue	<i>Polyommatus icarus</i>		✓	✓	✓	✓	✓	✓	✓
Common glider	<i>Neptis sappho</i>						✓		
Southern White Admiral	<i>Limenitis reducta</i>		✓		✓				
Lesser purple emperor	<i>Apatura ilia</i>				✓	✓	✓		
Queen-of-Spain Fritillary	<i>Issoria lathonia</i>		✓		✓	✓	✓	✓	
Marbled Fritillary	<i>Brenthis daphne</i>		✓		✓	✓	✓		
Silver-washed Fritillary	<i>Argynnis paphia</i>				✓	✓	✓	✓	
Cardinal	<i>Argynnis pandora</i>		✓		✓				
Dark Green Fritillary	<i>Speyeria aglaja</i>					✓			
High Brown Fritillary	<i>Fabriciana adippe</i>							✓	
Pearl-bordered Fritillary	<i>Boloria euphrosyne</i>						✓	✓	
Painted Lady	<i>Vanessa cardui</i>		✓	✓	✓	✓	✓		
Red Admiral	<i>Vanessa atalanta</i>		✓		✓	✓		✓	
Peacock Butterfly	<i>Aglais io</i>				✓	✓	✓	✓	
Small Tortoiseshell	<i>Aglais urticae</i>						✓	✓	
Southern Comma	<i>Polygonia egea</i>					✓	✓		
Comma	<i>Polygonia c-album</i>		✓	✓	✓	✓	✓	✓	✓
Large Tortoiseshell	<i>Nymphalis polychloros</i>		✓			✓	✓		
Marsh Fritillary	<i>Euphydryas aurinia</i>						✓		
Lesser Spotted Fritillary	<i>Melitaea trivia</i>		✓				✓		
Spotted Fritillary	<i>Melitaea didyma</i>		✓	✓	✓	✓			
Freyer's Fritillary	<i>Melitaea arduinna</i>				✓		✓		
Knapweed Fritillary	<i>Melitaea phoebe</i>		✓				✓		
Glanville Fritillary	<i>Melitaea cinxia</i>		✓		✓		✓		
Heath Fritillary	<i>Melitaea athalia</i>		✓		✓	✓	✓	✓	
Eastern knapweed Fritillary	<i>Melitaea ornata</i>						✓		
Nettle-tree Butterfly	<i>Libythea celtis</i>		✓		✓	✓			
Small Heath	<i>Coenonympha pamphilus</i>		✓		✓	✓	✓	✓	
Russian Heath	<i>Coenonympha leander</i>		✓		✓		✓	✓	
Pearly Heath	<i>Coenonympha arcania</i>						✓	✓	
Lattice Brown	<i>Kirinia roxelana</i>		✓	✓	✓	✓	✓		
Speckled Wood	<i>Pararge aegeria</i>		✓	✓		✓	✓	✓	
Map butterfly	<i>Araschnia levana</i>				✓	✓			
Northern Wall Brown	<i>Lasiommata petropolitana</i>							✓	
Wall Brown	<i>Lasiommata megera</i>		✓	✓	✓	✓	✓		
Balkan Marbled White	<i>Melanargia larissa</i>		✓	✓	✓		✓		
Marbled White	<i>Melanargia galathea</i>		✓		✓	✓	✓	✓	



		June 2023							
Common name	Scientific name	22	23	24	25	26	27	28	29
Woodland Grayling	<i>Hipparchia fagi</i>		✓			✓	✓		
Common Grayling	<i>Hipparchia semele</i>			✓	✓				
Southern/Delattin's Grayling	<i>Hipparchia sp.</i>			✓		✓			
Great Banded Grayling	<i>Brintesia circe</i>		✓	✓	✓		✓		
Great Sooty Satyr	<i>Satyrus ferula</i>								✓
The Hermit	<i>Chazara briseis</i>								✓
White-banded Grayling	<i>Pseudochazara anthelea</i>			✓					
Macedonian Grayling - E	<i>Pseudochazara cingovskii</i>								✓
Common Ringlet	<i>Aphantopus hyperanthus</i>		✓		✓	✓			
Gatekeeper	<i>Pyronia tithonus</i>								✓
Meadow Brown	<i>Maniola jurtina</i>		✓		✓	✓	✓		
Woodland Ringlet	<i>Erebia medusa</i>					✓	✓	✓	

## Birds (H = Heard only)

		June 2023							
Common name	Scientific name	22	23	24	25	26	27	28	29
Mute Swan	<i>Cygnus olor</i>						✓		
Mallard	<i>Anas platyrhynchos</i>			✓					
Common Quail	<i>Coturnix coturnix</i>						H		
Rock Partridge	<i>Alectoris graeca</i>			✓				✓	
European Nightjar	<i>Caprimulgus europaeus</i>			H					
Alpine Swift	<i>Tachymarpis melba</i>		✓	✓	✓		✓		
Common Swift	<i>Apus apus</i>			✓	✓	✓	✓	✓	✓
Common Cuckoo	<i>Cuculus canorus</i>		H						
Feral Rock Dove	<i>Columba livia</i>		✓	✓	✓	✓	✓		
Common Wood Pigeon	<i>Columba palumbus</i>		✓	✓	✓	✓	✓		
European Turtle Dove	<i>Streptopelia turtur</i>		✓	✓	✓	✓	✓	✓	✓
Eurasian Collared Dove	<i>Streptopelia decaocto</i>		✓	✓	✓	✓	✓	✓	✓
Common Moorhen	<i>Gallinula chloropus</i>			H					
Little Grebe	<i>Tachybaptus ruficollis</i>						✓		
Great Crested Grebe	<i>Podiceps cristatus</i>					✓	✓		
Little Ringed Plover	<i>Charadrius dubius</i>			✓					
Black-headed Gull	<i>Chroicocephalus ridibundus</i>			✓			✓		
Common Tern	<i>Sterna hirundo</i>						✓		
White Stork	<i>Ciconia ciconia</i>		✓	✓	✓	✓	✓	✓	✓
Great Cormorant	<i>Phalacrocorax carbo</i>			✓	✓	✓	✓		
Grey Heron	<i>Ardea cinerea</i>		✓	✓	✓				
Great Egret	<i>Ardea alba</i>					✓			
White Pelican	<i>Pelecanus onocrotatus</i>						✓		
Dalmatian Pelican	<i>Pelecanus crispus</i>						✓		
Egyptian Vulture	<i>Neophron percnopterus</i>		✓		✓				
European Honey Buzzard	<i>Pernis apivorus</i>		✓		✓	✓			
Griffon Vulture	<i>Gyps fulvus</i>		✓						
Short-toed Snake Eagle	<i>Circaetus gallicus</i>				✓	✓		✓	
Lesser Spotted Eagle	<i>Clanga pomarina</i>		✓						
Booted Eagle	<i>Hieraaetus pennatus</i>		✓						
Eastern Imperial Eagle	<i>Aquila heliaca</i>			✓					

		June 2023							
Common name	Scientific name	22	23	24	25	26	27	28	29
Golden Eagle	<i>Aquila chrysaetos</i>				✓			✓	
Levant Sparrowhawk	<i>Accipiter brevipes</i>		✓	✓					
Eurasian Sparrowhawk	<i>Accipiter nisus</i>			✓		✓			
Northern Goshawk	<i>Accipiter gentilis</i>		✓	✓	✓				
Montagu's Harrier	<i>Circus pygargus</i>				✓			✓	
Long-legged Buzzard	<i>Buteo rufinus</i>					✓			
Common Buzzard	<i>Buteo buteo</i>		✓	✓	✓		✓	✓	✓
Little Owl	<i>Athene noctua</i>	✓		✓	✓				
Tawny owl	<i>Strix aluco</i>	✓							
Eurasian Scops Owl	<i>Otus scops</i>			✓					
Eurasian Hoopoe	<i>Upupa epops</i>		✓	✓	✓	✓			
European Roller	<i>Coracias garrulus</i>			✓					✓
European Bee-eater	<i>Merops apiaster</i>		✓	✓	✓	✓			
Eurasian Wryneck	<i>Jynx torquilla</i>					H	✓		
Syrian Woodpecker	<i>Dendrocopos syriacus</i>		✓	✓	✓	✓	✓	✓	✓
Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>			H	✓				
European Green Woodpecker	<i>Picus viridis</i>		✓	✓	✓	✓	✓	✓	✓
Lesser Kestrel	<i>Falco naumanni</i>		✓		✓				
Common Kestrel	<i>Falco tinnunculus</i>		✓	✓	✓	✓	✓	✓	✓
Eurasian Hobby	<i>Falco subbuteo</i>			✓					
Western Marsh Harrier	<i>Circus aeruginosus</i>								
Red-backed Shrike	<i>Lanius collurio</i>		✓	✓	✓	✓	✓	✓	✓
Lesser Grey Shrike	<i>Lanius minor</i>		✓	✓	✓	✓	✓		
Woodchat Shrike	<i>Lanius senator</i>		✓	✓	✓				
Masked Shrike	<i>Lanius nubicus</i>			✓	✓				
Eurasian Golden Oriole	<i>Oriolus oriolus</i>		✓	✓	✓	✓	✓	✓	✓
Eurasian Jay	<i>Garrulus glandarius</i>		✓	✓	✓	✓	✓	✓	✓
Eurasian Magpie	<i>Pica pica</i>		✓	✓	✓	✓	✓	✓	✓
Spotted Nutcracker	<i>Nucifraga caryocatactes</i>							✓	
Western Jackdaw	<i>Coloeus monedula</i>		✓	✓	✓	✓	✓		✓
Rook	<i>Corvus frugilegus</i>					✓			
Hooded Crow	<i>Corvus cornix</i>		✓	✓	✓	✓	✓		✓
Northern Raven	<i>Corvus corax</i>		✓	✓	✓	✓	✓	✓	✓
Coal Tit	<i>Parus ater</i>					H		✓	
European Crested Tit	<i>Lophophanes cristatus</i>				✓				
Sombre Tit	<i>Poecile lugubris</i>		✓			✓	✓		
Marsh Tit	<i>Poecile palustris</i>						✓		
Willow Tit	<i>Poecile montanus</i>						✓		
Eurasian Blue Tit	<i>Cyanistes caeruleus</i>				✓	✓	✓	✓	✓
Great Tit	<i>Parus major</i>			✓	✓	✓	✓	✓	✓
Eurasian Penduline Tit	<i>Remiz pendulinus</i>			✓					
Woodlark	<i>Lullula arborea</i>		✓		H	✓	H		
Eurasian Skylark	<i>Alauda arvensis</i>						✓	✓	
Crested Lark	<i>Galerida cristata</i>			✓	✓	✓			
Greater Short-toed Lark	<i>Calandrella brachydactyla</i>								✓
Calandra Lark	<i>Melanocorypha calandra</i>								✓
Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>				✓		✓		
Barn Swallow	<i>Hirundo rustica</i>		✓	✓	✓	✓	✓	✓	✓

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Common name	Scientific name	22	23	24	25	26	27	28	29
Common House Martin	<i>Delichon urbicum</i>		✓	✓	✓	✓	✓	✓	✓
Red-rumped Swallow	<i>Cecropis daurica</i>		✓	✓	✓		✓	✓	✓
Cetti's Warbler	<i>Cettia cetti</i>			H	H	H	H		
Long-tailed Tit	<i>Aegithalos caudatus</i>					✓			
Common Chiffchaff	<i>Phylloscopus collybita</i>		H		H	H	H	✓	
Great Reed Warbler	<i>Acrocephalus arundinaceus</i>			✓		H	✓		
Eastern Olivaceous Warbler	<i>Iduna pallida</i>		✓	✓	✓	✓			
Olive-tree Warbler	<i>Hippolais olivetorum</i>								✓
Eurasian Blackcap	<i>Sylvia atricapilla</i>			✓	✓	H	H	H	
Barred Warbler	<i>Curruca nisoria</i>			✓					
Lesser Whitethroat	<i>Curruca curruca</i>					H	✓		
Eastern Orphean Warbler	<i>Curruca crassirostris</i>		✓	✓					
Sardinian Warbler	<i>Curruca melanocephala</i>		✓	✓	✓				
Eastern Subalpine Warbler	<i>Curruca cantillans</i>				✓				
Common Whitethroat	<i>Curruca communis</i>		✓	✓	✓	✓	✓		
Common Firecrest	<i>Regulus ignicapilla</i>					H		✓	
Eurasian Wren	<i>Troglodytes troglodytes</i>		✓				H	H	
Western Rock Nuthatch	<i>Sitta neumayer</i>				✓				
Eurasian Nuthatch	<i>Sitta europaea</i>				✓	H	H	✓	
Rosy starling	<i>Pastor roseus</i>								✓
Common Starling	<i>Sturnus vulgaris</i>		✓	✓	✓	✓	✓	✓	✓
Song Thrush	<i>Turdus philomelos</i>		✓			H			
Mistle Thrush	<i>Turdus viscivorus</i>				✓	✓	✓	✓	
Common Blackbird	<i>Turdus merula</i>		✓	✓	✓	✓	✓	✓	✓
Spotted Flycatcher	<i>Muscicapa striata</i>		✓	✓	✓				
European Robin	<i>Erithacus rubecula</i>					✓	H	H	
Common Nightingale	<i>Luscinia megarhynchos</i>		✓	✓	✓	H	H	H	H
Black Redstart	<i>Phoenicurus ochruros</i>							✓	
Common Redstart	<i>Phoenicurus phoenicurus</i>						✓		
Common Rock Thrush	<i>Monticola saxatilis</i>							✓	
Blue Rock Thrush	<i>Monticola solitarius</i>				✓				
Whinchat	<i>Saxicola rubetra</i>						✓	✓	
European Stonechat	<i>Saxicola rubicola</i>				✓		✓		
Northern Wheatear	<i>Oenanthe oenanthe</i>						✓	✓	
Eastern Black-eared Wheatear	<i>Oenanthe melanoleuca</i>			✓					
Rock sparrow	<i>Petronia petronia</i>								✓
Eurasian Tree Sparrow	<i>Passer montanus</i>		✓	✓	✓	✓	✓	✓	✓
Spanish Sparrow	<i>Passer hispaniolensis</i>		✓	✓	✓				
House Sparrow	<i>Passer domesticus</i>		✓	✓	✓	✓	✓	✓	✓
Alpine Accentor	<i>Prunella collaris</i>							✓	
Dunnock	<i>Prunella modularis</i>							✓	
Goldcrest	<i>Regulus regulus</i>								
Grey Wagtail	<i>Motacilla cinerea</i>		✓				✓	✓	
White Wagtail	<i>Motacilla alba</i>			✓	✓	✓	✓	✓	✓
Tawny Pipit	<i>Anthus campestris</i>		✓						
Tree Pipit	<i>Anthus trivialis</i>				✓			✓	
Water Pipit	<i>Anthus spinoletta</i>						✓	✓	
Common Chaffinch	<i>Fringilla coelebs</i>			✓	✓	✓	✓	✓	✓

		June 2023							
Common name	Scientific name	22	23	24	25	26	27	28	29
Hawfinch	<i>Coccothraustes coccothraustes</i>				✓	✓			
Eurasian Bullfinch	<i>Pyrrhula pyrrhula</i>							H	
European Greenfinch	<i>Chloris chloris</i>		✓	✓	✓		✓		
Common Linnet	<i>Linaria cannabina</i>		✓	✓	✓	✓	✓	✓	✓
European Goldfinch	<i>Carduelis carduelis</i>		✓	✓	✓		✓	✓	✓
European Serin	<i>Serinus serinus</i>						H		
Eurasian Siskin	<i>Spinus spinus</i>				✓			✓	
Corn Bunting	<i>Emberiza calandra</i>		✓	✓	✓	✓	✓		✓
Yellowhammer	<i>Emberiza citrinella</i>						✓	✓	
Rock Bunting	<i>Emberiza cia</i>					✓	✓		
Ortolan Bunting	<i>Emberiza hortulana</i>		✓				✓		
Cirl Bunting	<i>Emberiza cirlus</i>		✓	✓	✓	✓	✓	✓	✓
Black-headed Bunting	<i>Emberiza melanocephala</i>		✓	✓	✓	✓			
Common Reed Bunting	<i>Emberiza schoeniclus</i>								✓

## Odonata

		June 2023							
Common name	Scientific name	22	23	24	25	26	27	28	29
Dainty Bluet	<i>Coenagrion scitulum</i>					✓			
Azure Bluet	<i>Coenagrion puella</i>					✓			
Small Spreadwing	<i>Lestes virens</i>		✓						
Southern Emerald	<i>Lestes barbarus</i>			✓					
Emerald Spreadwing	<i>Lestes dryas</i>				✓	✓			✓
Beautiful Demoiselle	<i>Calopteryx virgo</i>		✓		✓				
Banded Demoiselle	<i>Calopteryx splendens</i>			✓	✓	✓			
Blue Featherleg	<i>Platycnemis pennipes</i>			✓	✓	✓			
Small Bluetail	<i>Ischnura pumilio</i>				✓				
Odalisque	<i>Epallage fatime</i>		✓			✓			
Blue Emperor	<i>Anax imperator</i>				✓	✓			
Lesser Emperor	<i>Amax parthenope</i>			✓		✓			
Southern Migrant Hawker	<i>Aesha affinis</i>							✓	
Eastern Spectre	<i>Caliaeschna microstigma</i>		✓		✓				
Scarce Chaser	<i>Libellula fulva</i>					✓			
Broad Bodied Chaser	<i>Libellula quadrimaculata</i>		✓		✓	✓			
Balkan Goldenring	<i>Cordulegaster heros</i>		✓	✓	✓				
White-tailed Skimmer	<i>Orthetrum albistylum</i>			✓		✓			
Black-tailed Skimmer	<i>Orthetrum cancellatum</i>			✓		✓	✓		
Southern Skimmer	<i>Orthetrum brunneum</i>			✓					
Keeled Skimmer	<i>Orthetrum coerulescens</i>						✓		
Bladetail	<i>Lindenia tetraphylla</i>				✓				
Broad Scarlet	<i>Crocothemis erythraea</i>			✓		✓			
Small Pincertail	<i>Onychogomphus forcipatus</i>		✓	✓	✓	✓			
Red-veined Darter	<i>Sympetrum fonscolombii</i>			✓			✓		
Balkan Emerald	<i>Somatochlora meridionale</i>				✓				

## Reptiles and Amphibians

Common name	Scientific name	June 2023							
		22	23	24	25	26	27	28	29
Green Toad	<i>Bufo viridis</i>	✓					✓		
Common Toad	<i>Bufo bufo</i>		✓			✓			
Marsh Frog	<i>Pelophylax ridibundus</i>				✓	✓			
Greek Stream Frog	<i>Rana graeca</i>				✓				
Yellow-bellied Toad	<i>Bombina variegata</i>				✓	✓			
Eastern Spadefoot Toad	<i>Pelobates syriacus</i>			✓					
European Tree Frog	<i>Hyla arborea</i>						✓		
Kotschy's Gecko	<i>Mediodactylus kotschy</i>		✓	✓					
Hermann's Tortoise	<i>Testudo hermannii</i>			✓					
Spur-thighed Tortoise	<i>Testudo graeca</i>			✓					
Erhard's Wall Lizard	<i>Podarcis erhardii</i>					✓			
Common Wall Lizard	<i>Podarcis muralis</i>					✓	✓		
Balkan Wall Lizard	<i>Podarcis tauricus</i>						✓		
Sand Lizard	<i>Lacerta agilis</i>							✓	
Four-lined Snake	<i>Elaphe quatorlineata</i>						✓		✓
Eastern Montpellier Snake	<i>Malpolon insignitus</i>				D		✓		
European Pond Terrapin	<i>Emys orbicularis</i>					✓			

## Other invertebrates

Common name	Scientific name	June 2023							
		22	23	24	25	26	27	28	29
A tiny bee	<i>Nomioides facili</i>					✓			
Mammoth Wasp	<i>Megascolia maculata</i>		✓						
Bronze Glandular Bush Cricket	<i>Bradyporus dasypus</i>		✓	✓					
A Mantis	<i>Empusa fasciata</i>		✓						
Stag Beetle	<i>Lucanus cervus</i>		✓				✓		
Long-horned Capricorn Beetle	<i>Cerambyx cerdo</i>			✓	✓				
Balkan Lacewing	<i>Nemoptera sinuata</i>				✓	✓			
Spurge Hawkmoth	<i>Hyles euphorbiae</i>				✓	✓			
A ladybird spider	<i>Eresus sp.</i>						✓		
An Owlfly	<i>Libelloides lacteus</i>						✓		
An Owlfly	<i>Libelloides macaronius</i>		✓						