

# Bulgaria's Dragonflies

Naturetrek Tour Report

23 June - 1 July 2015

---



Sombre Goldenring



Poplar Admiral



Mammoth Wasp *Scolia flavifrons*

Report and images by Dave Smallshire



Naturetrek

Mingledown Barn

Wolf's Lane

Chawton

Alton

Hampshire

GU34 3HJ

UK

T: +44 (0)1962 733051

F: +44 (0)1962 736426

E: [info@naturetrek.co.uk](mailto:info@naturetrek.co.uk)

W: [www.naturetrek.co.uk](http://www.naturetrek.co.uk)



Tour Participants: Dave Smallshire (Naturetrek Naturalist), Yordan (Dancho) Kutsarov (Local Guide)  
Together with eight Naturetrek clients

## Summary

This circuit of central and southern Bulgaria gave us a good insight into both the exceptional dragonfly fauna and other abundant wildlife of the region. After finding Ornate Bluet in the Sredna Gora Mountains, we moved south-east to the River Maritsa and then on to the low mountains of the biodiversity-rich Eastern Rhodope. Here we spent two days looking at varied habitats that produced a good range of dragonflies and other insects including Eastern Spectre, Turkish Goldenring, Balkan Emerald and the extraordinary Odalisque – a damselfly that looks rather like a dragonfly.

Our next two days were spent in the higher Western Rhodope Mountains where we found dragonflies more typical of northern Europe, including Spearhead Bluets at their southernmost locality in the world. At the spectacular Trigrad Gorge we saw Wallcreeper and an excellent selection of butterflies.

Atypically cool and cloudy conditions had tended to suppress insect activity until finally we encountered hot weather in the south-east of the country. The group saw a total of 45 species of dragonflies, plus 91 butterfly species, 118 bird species, and a wide range of other animals and plants that the combined talents of the group helped to find and identify.

## Day 1

**Tuesday 23rd June**

### Heathrow to Koprivshitsa

After an uneventful flight from London Heathrow to Sofia, we met up with local leader Dancho, his wife Theodora and our driver, George. With the minibus loaded, we were soon heading east out of the city. We stopped for refreshments at a roadside café conveniently situated next to a small river. A Lesser Spotted Eagle flew by and we soon started to see butterflies such as Map, Freyer's Purple Emperor, Large Copper and Sloe Hairstreak. Unfortunately, a small stream holding our target, Ornate Bluet, was virtually dry, but we did manage to find one eventually, plus a few Keeled Skimmers.

We continued on to the Topolnica River, where the wonderful flower-rich grassland held Forester and burnet moths, and yet more butterflies including Hungarian Glider, Balkan Copper, Chestnut Heath and five species of Fritillary. A Small Pincertail sat on a rock in the river, while a few more Ornate Bluets were found along a small side-stream. The first of many Red-backed Shrikes perched typically on top of a bush. Then it was time to board the minibus and head for our final destination: a small, family-run hotel in the picturesque, historic village of Koprivshitsa. Later we tucked into a delicious - and very welcome - Bulgarian dinner.

## Day 2

**Wednesday 24th June**

### Koprivshitsa to Krumovgrad

Pre-breakfast birding was a chilly affair, though it didn't prevent us from seeing some nice birds. The rustic nature of Koprivshitsa was enhanced by the occasional horse-drawn carts passing by. Dippers were in evidence

along the river, though one youngster was searching for insects around the lights on the riverside fence! Grey Wagtails were also here, while the riverside trees held Redstart, Spotted Flycatcher and finally a Black Redstart. A Serin sang from rooftops and Crossbills did so from the tall pine trees. Pallid Swifts could be identified as they swooped low over the old buildings.

We left after a hearty breakfast in glorious sunshine. It took all day to reach the Eastern Rhodope, but we stopped regularly en route. First stop was at a small roadside Bee-eater colony, where several Isabelline Wheatears performed well and a Tawny Pipit sang from wires. Another stop at a small reservoir produced White-tailed Skimmers, Freyer's Purple Emperor, Sooty Copper, two pairs of Little Bitterns, several Great Reed Warblers, a Grass Snake and two Pond Terrapins.

We arrived before lunch at the large Maritza River (known as the Evros when it reaches Greece) near Mirovo. Recent flooding had redistributed fine sediment and the normally sparse vegetation growth was unusually lush. Before and after a picnic lunch we found several Small Pincertails, while Richard had brief views of an unidentified clubtail (most likely River Clubtail here). A Green Toadlet, Swallowtail and Eastern Bath White were seen, while Nel spotted a splendid Spurge Hawk-moth caterpillar on its food plant and Dancho caught a stunning (if smelly) Musk Beetle.

We stopped twice more in the afternoon, first at Susam Reservoir, where we found Robust and Migrant Spreadwings and Small Bluetails. A family of partridges must have been Chukars, Quail called nearby and Hoopoes were watched carrying food. A final stop at tiny drinking pools yielded more Robust Spreadwings. Photographs of an egg-laying pair revealed something unseen to the naked eye: a minute parasitic wasp laying eggs into the oviposition punctures! Two Spur-thighed Tortoises were discovered, one just a few centimetres long. A large Mottled Antlion and an Eastern Baton Blue were other notable finds.

After dinner at our hotel in Krumovgrad, our base for the next three nights, some of us watched Kotschy's Geckos hunting insects outside the hotel.

## Day 3

Thursday 25th June

### Dolna Kula and Studen Kladenets area

Most of the group headed out from our hotel to the banks of the Krumovitzza River before breakfast, unfortunately in light drizzle. Little Ringed Plover and Kingfisher were along the river, and in bushes newly-fledged Barred Warblers and Red-backed Shrikes were being attended by their parents.

We spent the first part of the morning in a spectacular valley near Dolna Kula, where Chukars appeared on prominent rocks and Black Storks tended their young in a nest on the cliffs, but Rock Nuthatches failed to show. Black-eared Wheatears were present at two sites and raptors provided lots of entertainment: best were three Eleonora's Falcons zooming around with Kestrels and a pair of Hobbies. Griffon Vulture, Black Kite and Short-toed and Booted Eagles all appeared over the skyline, as did Crag Martins and Rollers lower down, while much nearer the ground we found Sardinian Warbler, Black-headed and Cirl Buntings, Hermann's Tortoise and lots of insects including Eastern Festoon, Little Tiger Blue and Yellow-banded Skipper.

The next destination was the Valchi Dol reserve, near Studen Kladenets, where we had lunch at a picnic table next to a stream. As the sun finally broke through, first a presumed Turkish Goldenring patrolled, then an Odalisque appeared near the picnic area. Nearby, Dave pointed out the endemic plant *Haberlea rhodopensis* growing on the rock face above where the Odalisque usually occurs, though now its stream was dry. We headed to a nearby reservoir for a while to allow other dragonflies time to warm up. A small reservoir near Golobradovo was even smaller than usual, due to a large breach in the dam! Nevertheless, a good variety of dragonflies was present, including Small Redeye, the rare blue female form of Small Bluetail, Lesser Emperor and many Broad Scarlets. Lesser Fiery Copper was amongst butterflies sheltering from a strong wind that had got up, and a smart Black-headed Wagtail fed around the muddy margins.

Returning to Valchi Dol, we found several Odalisques, an Eastern Spectre and Balkan Emeralds. On the way back to Krumovgrad we stopped at spectacular basalt cliffs, finding Southern Skimmers and Western Willow Spreadwings beside a small stream and pools. Dancho spotted a freshwater crab and Krueper's Small White. After dinner, the local park yielded two or three calling Scops Owls and Fireflies flashing as they flew in the darkness.

## Day 4

Friday 26th June

### Byal Gradets and Gugutka

Today we headed towards the Greek border at the Deimin Dere River, where the Bulgarian Emerald was first discovered as recently as 1999. We stopped just short of our destination to admire a group of spectacular Balkan Lizard Orchids. As we arrived at Byal Gradets we passed a Little Owl on a fence post. A walk up the valley took us to a wooded section of the river where we scrambled down to the water's rocky edge. As the sun came out emeralds started to appear: a couple caught and others seen were all Balkan Emeralds - stunning! A few exuviae of the emeralds and Eastern Spectre were found along the riverbank. Returning to the minibus for lunch, we saw Mazarine Blue, Pearly Heath, Lulworth Skipper and Egyptian Grasshopper in the riverside meadows, and watched harmless but fearsome-looking Mammoth Wasp females investigating rotten wood for beetle larvae to parasitize. A Southern Darter by the river was so heavily laden with red mites - not unusual in this species - that it had difficulty flying. We had visits from Hobby, Honey Buzzard and Short-toed and Lesser Spotted Eagles, while Lesser Spotted Woodpecker and Woodlark were also seen in the area.

After a picnic lunch, we stopped briefly at the Byala Reka river at Gugutka, where we found Blue-eye and a newly-emerged Eastern Willow Spreadwing, while Chapman's Blue was among butterflies 'puddling' on the mud. Then it was on to a small reservoir where we found emerging Common Winter Damsels, Western Willow, Migrant and Robust Spreadwings, Dainty and Common Bluets and lots of emerging Darters, principally Common. A couple of Balkan Terrapins soon submerged as we arrived. Nearby was a small wooded stream with a Turkish Goldenring patrolling, though it evaded capture for a closer look. The surrounding meadow held a lot of insects, but the cloudy conditions suppressed activity somewhat. Nevertheless, we saw Purple-shot and Grecian Coppers, Freyer's Purple Emperor, Dark Green and lots of Silver-washed Fritillaries, including a dark female of the form *valezina*. Eastern Bonelli's Warblers moved through the trees, a Wartbiter was found on a small stone in the grass and a couple of stunning Purple Tigers zoomed around the meadow.

The final dragonfly site for the day was a larger reservoir near Zhelezhari. The only Skylark and Northern Wheatears of the trip and a Water Vole were seen here. The weather remained cloudy and relatively cool, and Dancho managed to see the only Green-eyed Hawker of the trip. Indeed, the weather had reduced the numbers and variety of dragonflies seen overall today, though our trip total did increase to 31 species.

## Day 5

Saturday 27th June

### Krumovgrad to Smolyan

Today we moved from the Eastern Rhodope to the higher, cooler Western Rhodope Mountains. We stopped en route at a small river near Plazishte, but it was disappointingly cloudy and rather cool. Along the river were plenty of demoiselles, while Small Bluetail, Small Pincertail and Balkan Emerald were also seen. An Eastern Festoon was photographed, as were the larva of a Bedstraw Hawk-moth and a tiny Fiery Clearwing moth (or similar).

A little further on we stopped to walk around two pools at Vulkovich where it was decidedly cool in the strong wind. A few dragonflies were found in sheltered spots, including one of the few Ruddy Darters of the trip, and an Eastern Wood White was later identified from an image. Dancho later confessed that he had glimpsed a Dark Spreadwing (which breeds near the Black Sea) before the wind took it from view.

The air temperature was even lower when we reached Smolyan Lakes, but Spearhead Bluets were present in good numbers in the fringing sedge beds. When the sun appeared briefly, a few Four-spotted Chasers flew over the floating bog, where Heart-shaped Marsh-orchids stood tall. A Firecrest sang in the conifers, while Green-underside Blue, Eastern Large Heath, Woodland Ringlet, and Chimney Sweeper and Black-veined Moths were found in a nearby meadow. A brief stop at a second lake proved fruitless, due to the cool conditions, though the first Fragrant Orchid was found.

Finally, we made our way to our hotel, which was set amongst beautiful flower-rich meadows and mountain scenery. Corncrakes were calling nearby and short walks by some of the group produced Pallid Swift, Whinchat, Black Redstart, Sombre Tit and Yellowhammer.

## Day 6

Sunday 28th June

### Trigrad and Dospat

We set off for a pre-breakfast walk with Corncrake very much in mind: birds were calling in all directions from the lush meadows. Eventually, the resounding calls of one came within a few metres of us, but we were simply unable to see it. On leaving the hotel, we stopped to photograph orchids and other flowers, and found Glanville and Marsh Fritillaries taking the sun. We headed towards Trigrad Gorge, stopping first to marvel at the speed with which Alpine Swifts zoomed noisily around a roadside rock face just above our heads. Crag Martins quietly slipped in to visit their mud nests, while a few of the swifts squabbled around clefts in the rock where they were presumably nesting. Most of the morning was spent along a side valley below the main gorge, rich in butterflies and flowers. A magnificent Poplar Admiral sitting on the track took pride of place, but we also found Chequered Skipper, Scarce Copper, Mazarine, Idas and Amanda's Blues, Niobe and Lesser Spotted Fritillaries, White Admiral and Pearly Heath. At the top of the gorge we didn't have long to wait before a male Wallcreeper

appeared. It gave us reasonable views as it foraged on the rock face, occasionally fluttering up or down the cliff like a crimson butterfly; some of us walked through the tunnel to get even closer views of it sitting just a few metres above us.

For lunch we had trout at a restaurant just above the gorge. We checked the adjacent meadow for butterflies and found a species of Anomalous Blue and Large Wall Brown. Making our way back down the gorge, we stopped on the roadside to look at Red Helleborines, and then continued our journey to Dospat. It was cloudy by the time we stopped at a small stream near Borino, scuppering our chances of finding Balkan Goldenring. Rain began to set in soon after we arrived at our final stop for the day: a picturesque Roman bridge over the Sarnena River. An Azure Bluet was the only dragonfly found, although Dave brought a Colorado Beetle from a nearby crop of potatoes for the group to see. We decided to cut our losses and head on to Dabrash Hotel, near Dospat, in time for a quick walk before a hearty dinner and a good sample of the local beverages.

## Day 7

Monday 29th June

### Dospat to Melnik

A walk around the hotel grounds before breakfast produced Rock Bunting, Hawfinch, Crossbill, Pallid Swift and a Nutcracker that called in the distance. The Forest Dormouse found dead on the hotel approach road the evening before had disappeared overnight. On the edge of the pinewoods were some Violet Limodore orchids, while the flower-rich meadows held Greater Butterfly, Fragrant and Burnt-tip Orchids, Tassel Hyacinth and Wild Gladiolus. After breakfast we continued our journey westwards towards the Pirin Mountains. We stopped first near the Mesta River to look at flooded gravel workings. The cloudy conditions limited the abundance and diversity of the dragonflies that we found, though some ten Little Bitterns, including four fledglings, provided lots of interest. We managed to find a couple of Dainty Bluets and Common Winter Damsel amongst a few of the common species, plus several Syrian Woodpeckers, many Great Reed Warblers, Broad-leaved Helleborines and a Water Vole.

At Papaz Tchair, Bulgaria's largest area of peat bog in the lower part of the Pirin Mountains, we made our way down to a stream through masses of orchids and a few Keeled Skimmers. Although it was mainly cool and cloudy, first Pearl-bordered Fritillary and then a couple of Clouded Apollos appeared during a short sunny spell, quickly followed by a Sombre Goldenring that perched conveniently among some nettles. A Rock Bunting was found nearby and several Nutcrackers called around us, but failed to reveal themselves.

Next stop was the Pirinska Bistritza River very close to the Greek border at Novo Hodzhovo. Here we finally encountered some hot and humid weather and dragonflies were active. We found Common Clubtail, Small Pincertail, Eastern Spectre, Balkan Goldenring, Blue Chaser and Ruddy Darter together with the commoner species. Outstanding amongst the birds were a family of Masked Shrikes and a rather scruffy-looking juvenile Semi-collared Flycatcher. We arrived at the lovely Hotel Boliarka in Melnik in good time for an outdoor dinner.

## Day 8

Tuesday 30th June

### Struma Valley

A pre-breakfast walk produced Middle Spotted Woodpecker and Hawfinch, and later a Calandra Lark was seen from the coach as we headed out to the Struma Valley, to old gravel pit sites near General Todorov. The first site was flooded and we had to adopt Plan B to get to a swampy area where Spotted and Banded Darters breed. We found a few of each, plus Small and Migrant Spreadwings. A Hobby overhead interacted with two Eleonora's Falcons. Then we drove part way to a second, larger lake, checking all the dragonflies on the track in case one should be a Bladetail. A few of these impressive Gomphids have occurred fairly regularly in the area in small numbers in recent years, perhaps wanderers from Greece. However, we were out of luck with Bladetail and also the other speciality of the site: Black Pennant. Nevertheless, we found huge numbers of Red-veined Darters, plus a few Common Bluets, Common Winter Damsels, a teneral Migrant Hawker, Lesser Emperor and a Blue-eyed Hawker that hovered persistently in front of its admirers. Large Copper, Short-tailed Blue and Black-headed Buntings were seen, while Kev photographed a female Levant Sparrowhawk.

After lunch we visited Rupite Hot Springs. In unusually cloudy conditions - we even had a couple of short showers - we walked past bathers coated in supposedly-therapeutic mud. Further away, where the water was cooler, we started to find Keeled and Southern Skimmers and Broad Scarlets, while further on still there were Blue Featherlegs and a few Blue-eyes, Small Red-eyes and Small Bluetail, plus European Pond and Balkan Terrapins. Large numbers of grasshoppers moved through the grass ahead of us, including the peculiar Slant-faced Grasshoppers. Long-legged Buzzard and Bee-eaters flew over the towering crags, while in the bushes at the bottom of the slope we found a Masked Shrike and two Lesser Spotted Woodpeckers.

We returned to Melnik in time for some souvenir shopping and preparation for our journey home the next day. After dinner, while Alpine Swifts called from a darkening sky above, a series of small bats emerged from their daytime roost site behind the window frame of Nel's bedroom.

## Day 9

Wednesday 1st July

### Melnik to Sofia and return to Heathrow

We had an early breakfast in order to give us time in the Kresna Gorge biodiversity hot-spot on our return to Sofia. We searched around the bridge over the Struma River, although yet again cloud suppressed insect activity. Birds included Lesser Spotted Woodpecker and Rock and Cirl Buntings. Nel located a Mole Cricket in its burrow; it was caught and brought to the bridge for all to see, then we took some quick group photographs on the bridge before continuing on the final leg of our journey.

We stopped to collect lunch and refreshments en route to Sofia airport, where we said our goodbyes to Dancho, Theodora and George. We sailed effortlessly through check-in and security and later breezed through Terminal 5 at Heathrow, bidding each other fond farewells and safe journeys home. As we emerged from the Terminal building, we were hit by the irony and full blast of Britain's hottest ever July day!

## Receive our e-newsletter

Join the Naturetrek e-mailing list and be the first to hear about new tours, additional departures and new dates, tour reports and special offers. Visit [www.naturetrek.co.uk](http://www.naturetrek.co.uk) to sign up.

## Naturetrek Facebook

We are delighted to launch the Naturetrek Facebook page so that participants of Naturetrek tours can remain in touch after the holiday and share photos, comments and future travel plans.

Setting up a personal profile at [www.facebook.com](http://www.facebook.com) is quick, free and easy. The [Naturetrek Facebook page](#) is now live; do please pay us a visit!



Green Lizard - infested with ticks

## Species Lists

Dragonflies (✓= recorded but not counted; Ex = exuvia)

	Common Name	Scientific Name	June/July									
			23	24	25	26	27	28	29	30	1	
1	Beautiful Demoiselle	<i>Calopteryx virgo</i>	✓	✓	✓	✓	✓			✓	✓	
2	Banded Demoiselle	<i>Calopteryx splendens</i>		✓	✓	✓	✓			✓	✓	✓
3	Odalisque	<i>Epallage fatime</i>			✓							
4	Western Willow Spreadwing	<i>Chalcolestes viridis</i>			✓	✓						
5	Eastern Willow Spreadwing	<i>Chalcolestes parvidens</i>				✓						
6	Migrant Spreadwing (Southern Emerald)	<i>Lestes barbarus</i>		✓		✓					✓	
7	Robust Spreadwing (Scarce Emerald)	<i>Lestes dryas</i>		✓		✓						
8	Dark Spreadwing	<i>Lestes macrostigma</i>						✓				
9	Common Winter Damselfly	<i>Sympecma fusca</i>				✓				✓	✓	
10	Spearhead (Northern) Bluet	<i>Coenagrion hastulatum</i>						✓				
11	Ornate Bluet	<i>Coenagrion ornatum</i>	✓									
12	Azure Bluet	<i>Coenagrion puella</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	
13	Dainty Bluet	<i>Coenagrion scitulum</i>				✓				✓	✓	
14	Common Bluet	<i>Enallagma cyathigerum</i>				✓					✓	
15	Small Redeye	<i>Erythromma viridulum</i>			✓	✓				✓	✓	
16	Blue-eye	<i>Erythromma lindenii</i>				✓					✓	
17	Common Bluetail	<i>Ischnura elegans</i>		✓	✓	✓	✓			✓	✓	
18	Small (Scarce) Bluetail	<i>Ischnura pumilio</i>		✓	✓		✓				✓	
19	Blue Featherleg (White-legged)	<i>Platycnemis pennipes</i>		✓	✓	✓	✓			✓	✓	✓
20	Blue-eyed (Southern Migrant) Hawker	<i>Aeshna affinis</i>									✓	
21	Green-eyed (Norfolk) Hawker	<i>Aeshna isosceles</i>				✓						
22	Migrant Hawker	<i>Aeshna mixta</i>									✓	
23	Blue Emperor	<i>Anax imperator</i>		✓	✓	✓	Ex			Ex	✓	
24	Lesser Emperor	<i>Anax parthenope</i>			✓						✓	
25	Eastern Spectre	<i>Caliaeschna microstigma</i>			✓	Ex				✓		
26	Common Clubtail	<i>Gomphus vulgatissimus</i>								✓		
27	Small Pincertail	<i>Onychogomphus forcipatus</i>	✓	✓	✓	✓	✓			✓		✓
28	Sombre Goldenring	<i>Cordulegaster bidentata</i>								✓		
29	Balkan Goldenring	<i>Cordulegaster heros</i>								✓		
30	Turkish Goldenring	<i>Cordulegaster picta</i>				✓						
31	Balkan Emerald	<i>Somatochlora meridionalis</i>			✓	✓	✓					
32	Broad Scarlet (Darter)	<i>Crocothemis erythraea</i>		✓	✓	✓	✓			✓	✓	
33	Blue (Scarce) Chaser	<i>Libellula fulva</i>								✓		
34	Broad-bodied Chaser	<i>Libellula depressa</i>	✓	✓	✓	✓	✓			✓	✓	
35	Four-spotted Chaser	<i>Libellula quadrimaculata</i>					✓					
36	White-tailed Skimmer	<i>Orthetrum albistylum</i>		✓	✓	✓	✓			✓	✓	
37	Southern Skimmer	<i>Orthetrum brunneum</i>			✓	✓	✓			✓	✓	
38	Black-tailed Skimmer	<i>Orthetrum cancellatum</i>		✓	✓						✓	
39	Keeled Skimmer	<i>Orthetrum coerulescens</i>	✓	✓	✓		✓			✓	✓	
40	Spotted Darter	<i>Sympetrum depressiusculum</i>									✓	
41	Red-veined Darter	<i>Sympetrum fonscolombii</i>									✓	
42	Southern Darter	<i>Sympetrum meridionale</i>		✓		✓	✓				✓	
43	Banded Darter	<i>Sympetrum pedemontanum</i>									✓	
44	Ruddy Darter	<i>Sympetrum sanguineum</i>					✓			✓	✓	
45	Common Darter	<i>Sympetrum striolatum</i>		✓	✓	✓						

## Butterflies (L = larva)

	Common name	Scientific name	June/July								
			23	24	25	26	27	28	29	30	1
1	Swallowtail	<i>Papilio machaon</i>		✓		✓			✓		
2	Scarce Swallowtail	<i>Iphiclides podalirius</i>			✓	✓		✓	✓		✓
3	Eastern Festoon	<i>Zerynthia cerisy</i>			✓		✓				
4	Clouded Apollo	<i>Parnassius mnemosyne</i>							✓		
5	Black-veined White	<i>Aporia crataegi</i>	✓			✓		✓	✓		
6	Large White	<i>Pieris brassicae</i>	✓	✓		✓		✓	✓		
7	Small White	<i>Artogeia rapae</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Balkan/Green-veined White	<i>Artogeia balcana/napi</i>							✓		
9	Krueper's Small White	<i>Artogeia krueperi</i>			✓						
10	Eastern Bath White	<i>Pontia edusa</i>		✓	✓					✓	
11	Orange Tip	<i>Anthocharis cardamines</i>						✓			
12	Clouded Yellow	<i>Colias crocea</i>		✓	✓	✓	✓	✓	✓	✓	
13	Brimstone	<i>Gonepteryx rhamni</i>	✓	✓					✓		
14	Eastern Wood White	<i>Leptidea duponcheli</i>					✓				
15	Wood White sp.	<i>Leptidea</i> sp.	✓	✓	✓	✓	✓	✓	✓	✓	
16	Sloe Hairstreak	<i>Satyrium acaciae</i>	✓	✓	✓						
17	Ilex Hairstreak	<i>Satyrium ilicis</i>		✓							
18	Black Hairstreak	<i>Satyrium pruni</i>	✓								
19	Green Hairstreak	<i>Callophrys rubi</i>			✓						
20	Small Copper	<i>Lycaena phlaeas</i>		✓	✓	✓	✓	✓	✓	✓	
21	Large Copper	<i>Lycaena dispar</i>	✓							✓	
22	Scarce Copper	<i>Lycaena vigaureae</i>						✓			
23	Grecian Copper	<i>Lycaena ottomana</i>				✓					
24	Sooty Copper	<i>Lycaena tityrus</i>		✓	✓	✓			✓	✓	
25	Purple-shot Copper	<i>Lycaena alciphron</i>				✓	✓				
26	Lesser Fiery Copper	<i>Lycaena thersamon</i>			✓						✓
27	Balkan Copper	<i>Lycaena candens</i>	✓	✓							
28	Little Tiger Blue	<i>Tarucus balcanicus</i>			✓				✓	✓	
29	Short-tailed Blue	<i>Cupido argiades</i>								✓	
30	Small Blue	<i>Cupido minimus</i>						✓			
31	Holly Blue	<i>Celastrina argiolus</i>	✓	✓	✓	✓	✓	✓	✓	✓	
32	Green-underside Blue	<i>Glaucopsyche alexis</i>					✓				
33	Eastern Baton Blue	<i>Pseudophilotes vicrama</i>		✓							
34	Balkan Zephyr Blue	<i>Plebejus sephirus</i>						✓			
35	Silver-studded(-type) Blue	<i>Plebejus argus</i>			✓				✓		
36	Idas Blue	<i>Plebejus idas</i>						✓			
37	Brown Argus	<i>Aricia agestis</i>	✓	✓	✓	✓	✓	✓	✓	✓	
38	Mazarine Blue	<i>Cyaniris semiargus</i>				✓	✓	✓	✓		
39	Amanda's Blue	<i>Agrodiaetus amanda</i>						✓			
40	Chapman's Blue	<i>Agrodiaetus thersites</i>				✓					
41	Anomalous Blue sp.	<i>Agrodiaetus</i> sp.						✓	✓		
42	Adonis Blue	<i>Lysandra bellargus</i>			✓						
43	Common Blue	<i>Polyommatus icarus</i>		✓	✓	✓	✓	✓	✓	✓	
44	Freyer's Purple Emperor	<i>Apatura metis</i>	✓	✓		✓					
45	Poplar Admiral	<i>Limenitis populi</i>						✓			
46	White Admiral	<i>Limenitis camilla</i>						✓	✓		
47	Hungarian Glider	<i>Neptis rivularis</i>	✓	✓							
48	Large/Scarce Tortoiseshell	<i>Nymphalis polychloros/xanthomelas</i>	✓								
49	Peacock	<i>Inachis io</i>	✓	✓		✓		✓	✓		

	Common name	Scientific name	June/July								
			23	24	25	26	27	28	29	30	1
50	Red Admiral	<i>Vanessa atalanta</i>	✓					✓	✓		
51	Painted Lady	<i>Vanessa cardui</i>	✓	✓	✓	✓	✓	✓	✓	✓	
52	Small Tortoiseshell	<i>Aglais urticae</i>						✓			
53	Comma	<i>Polygonum c-album</i>	✓	✓		✓	✓	✓	✓		
54	Map Butterfly	<i>Araschnia levana</i>	✓			✓			✓		
55	Silver-washed Fritillary	<i>Argynnis paphia</i>				✓					
56	Dark Green Fritillary	<i>Argynnis aglaja</i>				✓					
57	Niobe Fritillary	<i>Argynnis niobe</i>						✓			
58	Queen of Spain Fritillary	<i>Issoria lathonia</i>		✓							
59	Twin-spot Fritillary	<i>Brenthis hecate</i>	✓								
60	Marbled Fritillary	<i>Brenthis daphne</i>		✓		✓	✓		✓		
61	Pearl-bordered Fritillary	<i>Boloria euphrosyne</i>							✓		
62	Glanville Fritillary	<i>Melitaea cinxia</i>						✓			
63	Eastern Knapweed Fritillary	<i>Melitaea telona</i>	✓								
64	Spotted Fritillary	<i>Melitaea didyma</i>	✓	✓	✓	✓	✓	✓		✓	
65	Lesser Spotted Fritillary	<i>Melitaea trivia</i>	✓					✓	✓		
66	Heath Fritillary	<i>Melitaea athalia</i>	✓								
67	Nickerl's Fritillary	<i>Melitaea aurelia</i>						✓			
68	Marsh Fritillary	<i>Euphydryas aurinia</i>						✓			
69	Marbled White	<i>Melanargia galathea</i>	✓	✓	✓	✓	✓	✓	✓		
70	Great Banded Grayling	<i>Kanetisa circe</i>		✓	✓	✓		✓	✓	✓	✓
71	Woodland Ringlet	<i>Erebia medusa</i>					✓	✓			
72	Meadow Brown	<i>Maniola jurtina</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
73	Gatekeeper	<i>Pyronia tithonius</i>								✓	
74	Eastern Large Heath	<i>Coenonympha rhodopensis</i>					✓	✓			
75	Small Heath	<i>Coenonympha pamphilus</i>	✓	✓	✓	✓	✓		✓	✓	✓
76	Pearly Heath	<i>Coenonympha arcania</i>				✓		✓			
77	Chestnut Heath	<i>Coenonympha glycerion</i>	✓								
78	Speckled Wood	<i>Pararge aegeria</i>			✓	✓		✓	✓		
79	Wall Brown	<i>Lasiommata megera</i>		✓	✓				✓	✓	✓
80	Large Wall Brown	<i>Lasiommata maera</i>						✓	✓		
81	Northern Wall Brown	<i>Lasiommata petropolitana</i>						✓			
82	Yellow-banded Skipper	<i>Pyrgus sidae</i>			✓						
83	Orbed Red-underwing Skipper	<i>Spilia orbifer</i>				✓					
84	Mallow Skipper	<i>Carcharodus alceae</i>			✓				✓		
85	Marbled Skipper	<i>Carcharodus lavatherae</i>							✓		
86	Tufted Marbled Skipper	<i>Carcharodus flocciferus</i>							✓		
87	Dingy Skipper	<i>Erynnis tages</i>			✓	✓	✓		✓		
88	Chequered Skipper	<i>Carterocephalus palaemon</i>						✓			
89	Lulworth Skipper	<i>Thymelicus acteon</i>				✓					
90	Small Skipper	<i>Thymelicus sylvestris</i>	✓	✓	✓	✓	✓	✓			
91	Large Skipper	<i>Ochlodes venatus</i>	✓	✓	✓	✓	✓	✓	✓	✓	

## Moths (L = larva)

	Common name	Scientific name	June/July								
			23	24	25	26	27	28	29	30	1
1	Bedstraw Hawk-moth	<i>Hyles gallii</i>					L				
2	Black-veined Moth	<i>Siona lineata</i>	✓				✓	✓	✓		
3	Blood-vein	<i>Timandra comae</i>		✓		✓			✓		
4	Buff Ermine	<i>Spilosoma lutea</i>							✓		

	Common name	Scientific name	June/July								
			23	24	25	26	27	28	29	30	1
5	Burnet Companion	<i>Euclidia glyphica</i>					✓				
6	Chimney Sweeper	<i>Odezia atrata</i>					✓	✓	✓		
7	Clouded Buff	<i>Diacrisia sannio</i>						✓			
8	Cream Wave	<i>Scopula floslactata</i>							✓		
9	Fiery-type Clearwing	<i>Pyropteron minianiformis</i>					✓				
10	Five-spotted Burnet	<i>Zygaena trifolii</i>	✓		✓		✓				
11	Forester	<i>Adscita statices</i>	✓	✓			✓				
12	Geometrician	<i>Grammodes stolidia</i>								✓	
13	Highflyer	<i>Hydriomena furcata</i>						✓			
14	Hummingbird Hawk-moth	<i>Macroglossum stellatarum</i>		✓		✓		✓			
15	Latticed Heath	<i>Semiothisa clathrata</i>					✓	✓			
16	Mint Moth	<i>Pyraustra aurata</i>			✓						
17	Mother of Pearl	<i>Pleuroptya ruralis</i>						✓			
18	Narrow-bordered Bee Hawk-moth	<i>Hemaris tityus</i>								✓	
19	Nine-spotted-type	<i>Amata (phegea)</i>	✓			✓				✓	
20	Pine Hawk-moth	<i>Sphinx pinastri</i>						✓	✓		
21	Purple Tiger	<i>Rhyparia purpurata</i>				✓				✓	
22	Rosy-striped Knot-horn	<i>Oncocera semirubella</i>						✓			
23	Shaded Broad-bar	<i>Scotopteryx chenopodiata</i>						✓			
24	Silver Y	<i>Autographa gamma</i>					✓	✓	✓		
25	Six-spot Burnet	<i>Zygaena filipendulae</i>	✓					✓			
26	Speckled Yellow	<i>Pseudopanthera macularia</i>	✓				✓	✓			
27	Spotted Sulphur	<i>Acontia trabealis</i>		✓							✓
28	Spurge Hawk-moth	<i>Hyles euphorbiae</i>		L			L				
29	Yellow-barred Long-horn	<i>Nemaphora degeerella</i>						✓			

## Birds (H = heard only)

	Common Name	Scientific Name	June/July								
			23	24	25	26	27	28	29	30	1
1	Little Grebe	<i>Tachybaptus rufficollis</i>		✓							
2	Cormorant	<i>Phalacrocorax carbo</i>		✓						✓	✓
3	Little Bittern	<i>Ixobrychus minutus</i>		✓		✓			✓		
4	Grey Heron	<i>Ardea cinerea</i>		✓	✓	✓				✓	✓
5	White Stork	<i>Ciconia ciconia</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Black Stork	<i>Ciconia nigra</i>		✓	✓	✓	✓			✓	✓
7	Mallard	<i>Anas platyrhynchos</i>							✓		
8	Griffon Vulture	<i>Gyps fulvus</i>			✓	✓					
9	Black Kite	<i>Milvus migrans</i>			✓						
10	Sparrowhawk sp.	<i>Accipiter nisus</i>			✓				✓		
11	Levant Sparrowhawk	<i>Accipiter brevipes</i>								✓	
12	Common Buzzard	<i>Buteo buteo</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	Long-legged Buzzard	<i>Buteo rufinus</i>								✓	
14	Honey Buzzard	<i>Pernis apivorus</i>		✓		✓					
15	Booted Eagle	<i>Hieraaetus pennatus</i>			✓	✓					
16	Lesser Spotted Eagle	<i>Aquila pomarina</i>	✓			✓					
17	Eleonora's Falcon	<i>Falco eleonorae</i>			✓					✓	
18	Hobby	<i>Falco subbuteo</i>			✓	✓				✓	
19	Common Kestrel	<i>Falco tinnunculus</i>	✓	✓	✓		✓	✓	✓	✓	✓
20	Chukar	<i>Alectoris chukar</i>		✓	✓						
21	Corncrake	<i>Crex crex</i>					H	H			

	Common Name	Scientific Name	June/July								
			23	24	25	26	27	28	29	30	1
22	Moorhen	<i>Gallinula chloropus</i>		✓		H			✓	✓	
23	Coot	<i>Fulica atra</i>							✓		
24	Little Ringed Plover	<i>Charadrius dubius</i>		✓	✓	✓			H		
25	Yellow-legged Gull	<i>Larus michahellis</i>					✓				
26	Rock Dove/Feral Pigeon	<i>Columba livia</i>	✓	✓	✓	✓			✓	✓	✓
27	Wood Pigeon	<i>Columba palumbus</i>	✓	✓	✓	✓			✓		
28	Collared Dove	<i>Streptopelia decaocto</i>	✓	✓	✓	✓	✓				✓
29	Turtle Dove	<i>Streptopelia turtur</i>		✓	✓	✓	✓		✓	✓	✓
30	Scops Owl	<i>Otus scops</i>			H	H	H	H			
31	Common Swift	<i>Apus apus</i>		✓	✓	✓	✓	✓	✓	✓	✓
32	Pallid Swift	<i>Apus pallidus</i>	✓	✓			✓	✓	✓		
33	Alpine Swift	<i>Apus melba</i>						✓		H	
34	Kingfisher	<i>Alcedo atthis</i>			✓	✓	✓			✓	
35	Hoopoe	<i>Upupa epops</i>		✓	H	✓				✓	
36	Bee-eater	<i>Merops apiaster</i>		✓	✓				✓	✓	
37	Roller	<i>Coracias garrulus</i>		✓	✓					✓	
38	Green Woodpecker	<i>Picus viridis</i>		H	✓	✓			H	✓	✓
39	Syrian Woodpecker	<i>Dendrocopos syriacus</i>							✓	✓	
40	Great Spotted Woodpecker	<i>Dendrocopos major</i>				✓	✓				
41	Middle Spotted Woodpecker	<i>Dendrocopos medius</i>								✓	
42	Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>				✓	H		✓	✓	✓
43	Woodlark	<i>Lullula arborea</i>				✓		✓		H	
44	Skylark	<i>Alauda arvensis</i>				✓					
45	Crested Lark	<i>Galerida cristata</i>		✓	✓				✓	✓	✓
46	Calandra Lark	<i>Melanocorypha calandra</i>								✓	
47	Sand Martin	<i>Riparia riparia</i>		✓							
48	House Martin	<i>Delichon urbica</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
49	Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
50	Red-rumped Swallow	<i>Hirundo daurica</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
51	Crag Martin	<i>Ptyonoprogne rupestris</i>			✓	✓	✓	✓	✓		
52	Tawny Pipit	<i>Anthus campestris</i>		✓							
53	White Wagtail	<i>Motacilla alba</i>	✓	✓	✓	✓	✓	✓	✓	✓	
54	Grey Wagtail	<i>Motacilla cinerea</i>	✓	✓		✓	✓	✓	✓		H
55	Black-headed Wagtail	<i>Motacilla flava fledge</i>			✓	✓				✓	
56	Nightingale	<i>Luscinia megarhynchos</i>	H	✓	H	✓			✓	✓	H
57	Robin	<i>Erithacus rubecula</i>					✓	✓	H	✓	
58	Stonechat	<i>Saxicola torquata</i>		✓							
59	Whinchat	<i>Saxicola rubetra</i>					✓	✓			
60	Redstart	<i>Phoenicurus phoenicurus</i>		✓							
61	Black Redstart	<i>Phoenicurus ochruros</i>		✓			✓	✓	✓		
62	Isabelline Wheatear	<i>Oenanthe isabellina</i>		✓							
63	Black-eared Wheatear	<i>Oenanthe hispanica</i>			✓						
64	Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
65	Song Thrush	<i>Turdus philomelos</i>		H					✓	✓	
66	Mistle Thrush	<i>Turdus viscivorus</i>		✓		✓		✓	✓		
67	Cetti's Warbler	<i>Cettia cetti</i>							H	H	
68	Great Reed Warbler	<i>Acrocephalus arundinaceus</i>		✓					✓	✓	
69	Eastern Olivaceous Warbler	<i>Hippolais elaeica</i>		✓	✓	✓			✓	✓	
70	Common Whitethroat	<i>Sylvia communis</i>			✓					✓	
71	Sardinian Warbler	<i>Sylvia melanocephala</i>			✓						

	Common Name	Scientific Name	June/July								
			23	24	25	26	27	28	29	30	1
72	Barred Warbler	<i>Sylvia nisoria</i>			✓	✓					
73	Blackcap	<i>Sylvia atricapilla</i>				H		H	✓	✓	
74	Chiffchaff	<i>Phylloscopus collybita</i>					H	✓	H	✓	
75	Eastern Bonelli's Warbler	<i>Phylloscopus orientalis</i>				✓					
76	Firecrest	<i>Regulus ignicapillus</i>					✓	H	H		
77	Spotted Flycatcher	<i>Muscicapa striata</i>		✓					✓	✓	✓
78	Semi-collared Flycatcher	<i>Muscicapa semitorquata</i>							✓		
79	Long-tailed Tit	<i>Aegithalos caudatus</i>							✓		
80	Sombre Tit	<i>Poecile lugubris</i>					✓				
81	Marsh Tit	<i>Poecile palustris</i>					H	✓			H
82	Coal Tit	<i>Periparus ater</i>					H	✓	✓		
83	Crested Tit	<i>Parus cristatus</i>						✓			
84	Great Tit	<i>Parus major</i>		✓	✓	✓	H	✓	✓	✓	
85	Blue Tit	<i>Cyanistes caeruleus</i>				✓			H	H	
86	Nuthatch	<i>Sitta europaea</i>					H		✓		
87	Wallcreeper	<i>Tichodroma muraria</i>						✓			
88	Short-toed Treecreeper	<i>Certhia brachydactyla</i>						H			
89	Wren	<i>Troglodytes troglodytes</i>						✓	H	H	H
90	Dipper	<i>Cinclus cinclus</i>		✓	✓			✓			
91	Lesser Grey Shrike	<i>Lanius minor</i>			✓				✓		
92	Woodchat Shrike	<i>Lanius senator</i>		✓	✓		✓			✓	
93	Masked Shrike	<i>Lanius nubicus</i>			✓				✓	✓	
94	Red-backed Shrike	<i>Lanius collurio</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
95	Jay	<i>Garrulus glandarius</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
96	Magpie	<i>Pica pica</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
97	Nutcracker	<i>Nucifraga caryocatactes</i>							H		
98	Hooded Crow	<i>Corvus cornix</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
99	Western Jackdaw	<i>Coloeus monedula</i>		✓	✓	✓	✓				
100	Raven	<i>Corvus corax</i>		✓	✓	✓		✓	✓		
101	Golden Oriole	<i>Oriolus oriolus</i>	✓	✓	✓	✓			✓	✓	✓
102	Starling	<i>Sturnus vulgaris</i>	✓	✓	✓	✓	✓		✓	✓	✓
103	House Sparrow	<i>Passer domesticus</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
104	Spanish Sparrow	<i>Passer hispaniolensis</i>		✓	✓	✓			✓	✓	
105	Tree Sparrow	<i>Passer montanus</i>	✓	✓		✓				✓	
106	Chaffinch	<i>Fringilla coelebs</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
107	Serin	<i>Serinus serinus</i>		✓					✓		
108	Linnet	<i>Linaria cannabina</i>			✓						
109	Goldfinch	<i>Carduelis carduelis</i>		✓	✓	✓	✓	✓	✓	✓	✓
110	Greenfinch	<i>Chloris chloris</i>		✓	✓	✓		✓	✓		
111	Bullfinch	<i>Pyrrhula pyrrhula</i>							✓		
112	Hawfinch	<i>C. coccothraustes</i>						✓	✓	✓	
113	Crossbill	<i>Loxia curvirostra</i>		✓				✓	✓		
114	Corn Bunting	<i>Emberiza calandra</i>	✓	✓	✓	✓	✓	✓	✓	✓	
115	Rock Bunting	<i>Emberiza cia</i>							✓		H
116	Cirl Bunting	<i>Emberiza cirlus</i>			✓	✓	H	H	✓	✓	✓
117	Yellowhammer	<i>Emberiza citrinella</i>	✓				✓	H	✓		
118	Black-headed Bunting	<i>Emberiza melanocephala</i>			✓	✓			✓	✓	

## Mammals (D = dead)

Common Name	Scientific Name	June/July									
		23	24	25	26	27	28	29	30	1	
Small bat sp(p).	Chiroptera							✓	✓		
Roe Deer	<i>Capreolus capreolus</i>							✓			
European (Brown) Hare	<i>Lepus europaeus</i>			✓							
Forest Dormouse	<i>Dromys nitedula</i>						D				
Water Vole	<i>Arvicola terrestris</i>				✓			✓			

## Reptiles and Amphibians

Common Name	Scientific Name	June/July									
		23	24	25	26	27	28	29	30	1	
Green Toad	<i>Bufo viridis</i>		✓	✓							
Yellow-bellied Toad	<i>Bombina variegata</i>									✓	
Stream Frog	<i>Rana graeca</i>				✓				✓		
Marsh Frog	<i>Rana ridibunda</i>		✓	✓	✓	✓	✓	✓	✓		
Hermann's Tortoise	<i>Testudo hermanni</i>			✓							
Spur-thighed Tortoise	<i>Testudo graeca</i>		✓						✓		
European Pond Terrapin	<i>Emys orbicularis</i>		✓						✓		
Green Lizard	<i>Lacerta viridis</i>			✓	✓		✓	✓	✓		
Balkan Wall Lizard	<i>Podarcis taurica</i>		✓						✓		
Erhard's Wall Lizard	<i>Podarcis erhardii</i>						✓				
Kotschy's Gecko	<i>Mediodactylus kotschyi</i>		✓	✓							
Dice Snake	<i>Natrix tessellata</i>		✓								
Grass Snake	<i>Natrix natrix</i>		✓								
Snake sp.	Colubridae					✓					

## Miscellaneous invertebrates (H = Heard only; L = Larva)

Common Name	Scientific Name	June/July									
		23	24	25	26	27	28	29	30	1	
Mayfly sp.	Ephemeroptera				✓	L	✓	✓	✓		
Egyptian Grasshopper	<i>Anacridium aegyptium</i>				✓						
Red-winged Grasshopper	<i>Oedipoda germanica</i>	✓									
Slant-faced Grasshopper	<i>Acrida ungarica</i>								✓		
A saw-tailed bush-cricket	<i>Barbitistes</i> sp.	✓	✓								
Speckled Bush-cricket	<i>Leptophyes punctatissima</i>					✓					
Great Green Bush-cricket	<i>Tettigonia viridissima</i>					✓	✓				
Wartbiter	<i>Decticus verrucivorus</i>					✓					
White-fronted Wartbiter	<i>Decticus albifrons</i>					✓			✓		
Field cricket sp.	<i>Gryllus</i> sp.	✓					H	H			
Marsh Cricket	<i>Pteronemobius heydenii</i>	✓	H			H	H		✓	H	
Mole Cricket	<i>Gryllotalpa</i> sp.								✓	✓	
Praying Mantis	<i>Mantis religiosa</i>								✓	✓	
Minstrel Bug	<i>Graphosama lineatum</i>							✓			
Harlequin Bug	<i>Lygaeus equestris</i>									✓	
Scarlet Shieldbug	<i>Eurydema dominulus</i>									✓	
Water Cricket	<i>Velia caprae</i>							✓			
Cicada sp.	Cicadidae						✓		H		
Large Ant-lion	<i>Palpares libelluloides</i>					✓				✓	
Antlion sp.	Myrmeleonidae					✓				✓	
Caddis-fly sp.	Trichoptera	✓						✓			

Common Name	Scientific Name	June/July									
		23	24	25	26	27	28	29	30	1	
Scorpion fly sp.	Mecoptera					✓		✓			
Mosquito sp.	Culicidae						✓	✓			
Anthrax Fly	<i>Anthrax anthrax</i>				✓						
Bee-fly sp.	Bombyliidae									✓	
Robber-fly sp.	Asilidae	✓	✓		✓	✓	✓	✓			
Digger wasp sp.	<i>Sphex</i> sp.			✓							
Mammoth Wasp	<i>Scolia flavifrons</i>				✓				✓		
A chafer parasite	<i>Scolia hirta</i>			✓				✓	✓		
Paper wasp sp.	<i>Polistes</i> sp.			✓					✓		
Hornet	<i>Vespa crabro</i>	✓	✓					✓			
Violet Carpenter Bee	<i>Xylocopa violacea</i>			✓	✓						
Lesser Stag Beetle	<i>Dorcus parallelipedus</i>								✓		
A scarab beetle	Scarabaeidae								✓	✓	
Pine Chafer	<i>Polyphylla fullo</i>		✓								
A striped chafer	<i>Polyphylla</i> sp.		✓		✓						
Rose-type chafer sp.	<i>Cetonia</i> sp.	✓	✓	✓				✓	✓		
Garden Chafer	<i>Phyllopertha horticola</i>		✓								
Bee Beetle	<i>Geotrupes stercorarius</i>						✓				
Soldier beetle sp.	Cantharidae		✓	✓		✓					
Firefly	<i>Luciola lusitanica</i>			✓	✓						
Musk Beetle	<i>Aromia moschata</i>		✓		✓						
A red and black longhorn beetle	<i>Purpuricenus longevittatus</i>			✓				✓		✓	
Colorado Beetle	<i>Leptinotarsa decemlineata</i>						✓				
Diving beetle	<i>Dytiscus</i> sp.					L					
Wasp Spider	<i>Argiope bruennichi</i>		✓						✓		
Roman Snail	<i>Helix pomatia</i>	✓	✓	✓		✓	✓	✓	✓		
A freshwater crab	<i>Potamon ibericum</i>			✓		✓					

## Vascular Plants

A small selection of noteworthy plants, many of which could not be identified to species.

Agrimony	<i>Agrimonia eupatoria</i>	Large Self-heal	<i>Prunella grandiflora</i>
Balkan Lizard Orchid	<i>Himantoglossum caprinum</i>	Large Yellow-Ox-eye	<i>Telekia speciosa</i>
Birthwort sp.	<i>Aristolochia</i> sp.	Loose-flowered Orchid	<i>Orchis laxiflora</i>
A bladder campion	<i>Silene fabarioides</i>	Love-in-a-mist	<i>Nigella arvensis</i>
Bloody Cranesbill	<i>Geranium sanguineum</i>	Marsh Bedstraw	<i>Galium palustre</i>
Blushing Stonecrop	<i>Sedum stefco</i>	Meadow clary	<i>Salvia</i> sp.
Bogbean	<i>Menyanthes trifoliata</i>	Meadowsweet	<i>Filipendula ulmaria</i>
Broad-leaved Helleborine	<i>Epipactis helleborine</i>	Mock Orange sp.	<i>Philadelphus</i> sp.
Burnt Orchid	<i>Neotinea ustulata</i>	Mullein sp.	<i>Verbascum</i> sp.
Chicory	<i>Cichorium intybus</i>	Pink Cistus	<i>Cistus</i> sp.
Christ's/Jerusalem Thorn	<i>Paliurus spina-christi</i>	Prickly Juniper	<i>Juniperus oxycedrus</i>
Clustered Bellflower	<i>Campanula glomerata</i>	Purple Loosestrife	<i>Lythrum salicaria</i>
Common Rock-rose	<i>Helianthemum nummularium</i>	Quaking-grass sp.	<i>Briza minor / media</i>
Common Star of Bethlehem	<i>Ornithogalum umbellatum</i>	Ragged-Robin	<i>Lychnis flos-cuculi</i>
Crosswort	<i>Cruciata laevipes</i>	Red Helleborine	<i>Cephalanthera rubra</i>
Dropwort	<i>Filipendula vulgaris</i>	Restharrow	<i>Ononis repens</i>
Dwarf Elder	<i>Sambucus ebulis</i>	Rhodope Haberlea	<i>Haberlea rhodopensis</i>
Dwarf Orange Avens	<i>Geum coccineum</i>	Rose Campion	<i>Lychnis coronaria</i>
False Acacia	<i>Robinia pseudacacia</i>	Sainfoin sp.	<i>Onobrychis</i> sp.
False Hellebore	<i>Veratrum lobelianum</i>	Scarlet Pimpernel	<i>Anagallis arvensis</i>

---

Field Eryngo	<i>Eryngium campestre</i>	Smoke Bush	<i>Cotinus coggyria</i>
Field Scabious	<i>Knautia arvensis</i>	Soapwort	<i>Saponaria officinalis</i>
Flowering Rush	<i>Butomus umbellatus</i>	Spurge sp.	<i>Euphorbia</i> sp.
Fragrant Orchid	<i>Gymnadenia conopsea</i>	St. John's-wort sp.	<i>Hypericum</i> sp.
Giant Hogweed	<i>Heracleum mantegazzianum</i>	A tassel-tye hyacinth	<i>Muscari</i> sp.
Globe Thistle	<i>Echinops ritro</i>	Thyme sp.	<i>Thymus</i> sp.
A Globularia	<i>Globularia</i> sp.	A tree mallow	<i>Lavatera thuringiaca</i>
Goat's-beard	<i>Tragopogon pratensis</i>	Violet Limodore	<i>Limodorum abortivum</i>
Greater Butterfly-orchid	<i>Platanthera chlorantha</i>	Viper's Bugloss	<i>Echium vulgare</i>
Grecian/Woolly Foxglove	<i>Digitalis lanata</i>	Water Avens	<i>Geum rivale</i>
Heart-shaped Marsh-orchid	<i>Dactylorhiza cordigera</i>	Wedge-lipped Marsh-orchid	<i>Dactylorhiza saccifera</i>
Heath Spotted-orchid	<i>Dactylorhiza maculata</i>	White Mulberry	<i>Morus alba</i>
Illyrian Gladiolus	<i>Gladiolus illyricus</i>	Yellow Loosestrife	<i>Lysimachia vulgaris</i>
Lady's Bedstraw	<i>Galium verum</i>	A yellow rattle	<i>Rhinanthus</i> sp.
Lady's Mantle	<i>Alchemilla</i> sp.	Yellow Star-thistle	<i>Centaurea solstitialis</i>