

Butterflies of Croatia

Naturetrek Tour Report

5th – 12th June 2023



Nettle Tree Butterfly



Swallowtail



Blue-spot Hairstreak



Lang's Short-tailed Blue

Tour report and images by Tom Brereton



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Day 1

Monday 5th June

Zagreb airport, Rastoke and Irinovac

Much of the first day was spent travelling, catching the 10:15 flight from Heathrow to Zagreb and landing around 14:00 local time (one hour ahead of UK time). We met with our local expert guide Josip at the arrivals lounge, who led us to the coach where our friendly driver for the trip, Darko, was waiting to help us load the baggage.

We were soon on our way to our first destination, which was a brief stop, about an hour away, at the Salon Caffe Bar in Banija where we had for a welcome drink and sandwich. After a further hours' drive, we arrived at the scenic village of Rastoke, situated where the Slunjčica River meets the Korana River. The village is comprised of wooden houses surrounded by a network of streams, canals and waterfalls.

It was too damp and overcast for butterflies though we saw our first insects including White-legged Damselfly and a large Stonefly sp. were common. One of the moth experts spotted *Euspilapteryx auroguttella* mines on a *Hypericum*. There were plenty of attractive flowers to see including Italian Catchfly, Large-flowered Orlaya, Bath Asparagus, Tasteless Stonecrop and Bloody Cranesbill. After spending just under an hour here, we headed further south for half an hour, reaching our accommodation the Plitvička Sedra Hotel at 6:30 pm. It was an encouraging arrival as Tree Sparrows could be heard calling overhead as we unloaded the bags, and a Black Redstart was singing. The hotel was pleasant and welcoming, the grounds and surrounding areas seemed to have great potential for wildlife, though persistent rain prevented extensive exploration, though Bee Orchids were found on rough ground right beside the hotel by some of the group.

After a speedy check-in we had some time downtime to relax, including use or use the indoor pool for a swim before meeting for a welcome beer, followed by a rustic meal and a briefing of plans for the next day. Tom created a WhatsApp group so that everyone could share wildlife sightings, photos, stories and news as the trip progressed.

Later in the evening an inappropriately named Essex Emerald moth was spotted on an outside wall.

Day 2

Tuesday 6th June

Plitvice lakes and Homoljac fields

There was an optional bird walk at 7 am led by Tom and Josip, which largely consisted of scanning the gardens and surrounding countryside from sheltered areas, given it was pouring with rain. In spite of the unfavourable weather Turtle Dove, Corn Bunting, Hawfinch, Collared Dove, Red-backed Shrike and Barred Warbler were recorded.

A wholesome buffet breakfast was taken around 8 am and just before 9 we were on our way to make the short drive to the Plitvička National Park to walk around the many waterfalls ('Slaps') and enjoy the stunning scenery of this UNESCO Heritage Site, which is the most popular National Park in Croatia. We arrived soon after the

lakes opening time at 09:15 hoping to beat the crowds, it was still however very busy, and the trails were getting fuller as we were there.

Descending to the fascinating pools formed by the River Korana, there were numerous impressive flowers to see in the ancient Beech woodland field layer including Grass-leaved Flag Iris, Meadow Clary, Peach-leaved Bellflower, Yellow Foxglove, Rock Pink, Coralroot Bittercress, Woodruff, Sanicle, Bird's-nest Orchid, White Helleborine and Herb-paris.

After reaching the pools, we took in the spectacular Plitvička Jezera Waterfall view point then retraced our steps back to the eastern side of the pools, then heading south passing torrents of white water. Wildlife to be seen included Common Toad, Dace, Jack Pike and a Portland Ribbon Wave moth along with several species of wetland plant.

At the southern end of Milanovac Poll in a swampy area with willow scrub, birdlife picked up with both Collared Flycatcher and Marsh Tit seen well. An obliging Dice Snake basked in the brightening conditions and we saw our first butterfly, a Small White.

We walked further to Kozjačka Draga picking up a showy Firecrest and Blackcap en-route. Here, there was an opportunity to get coffee as we waited for the ferry to take us to the next rendezvous point with the coach. We had been lucky with the weather all morning, but as we stood in the longish queue for the ferry, it started to rain. Thankfully we did not have to wait too long and sailed across Kosjak, then took another much shorter ferry to Boat Stop Plitvice Lakes National Park. From there we headed uphill for a 'Croatian short walk' (i.e. a good 20 minutes!) to the coach at Plitvice Lakes lower car park. As conditions brightened once more, the walk brought us our second butterfly species - Small Heath. A Portland Ribbon Wave was also caught by one of the keen moth-ers and kindly shown to the group.

We journeyed a short distance further south to some meadows at Homoljac, where a late picnic lunch was made by Josip and Tom. This is a superb area for flowers and butterflies and despite the cloudy conditions we were able to see a number of sought after butterflies including Grizzled Skipper, Chapman's Blue, Woodland Ringlet, Heath Fritillary and Glanville Fritillary. Moths were much in evidence too with Black-veined Moth, Latticed Heath and Golden-yellow Wave seen amongst others. There were some stunning flowers to be seen including Carthusian Pink, Field Pansy, Blue Bugleweed, Bedstraw Broomrape, Mountain Rose, Mountain Clover, Sulphur Cinquefoil and many Green-winged Orchids. Birds recorded included Barred Warbler, Cuckoo, Red-backed Shrike and Golden Oriole.

Nearby we stopped along the road at a favoured spot for orchids seeing Bee Orchid, Fly Orchid, Three-toothed Orchid, Military Orchid and Green-winged Orchid, along with Cypress Spurge and Yellow Alexanders.

With more rain, we went to the nearby Konoba Pastrva café in Vranovača, renowned for trout which were swimming in water channels within the restaurant! Coffee was on the menu for some, but for most, the local mountain beer Velebitsko seemed a better option and was certainly well received! A Triangle Plume moth was found outside the café.

We headed back to the hotel in time to relax or explore the surrounding grounds in further improved weather.

A Wryneck was calling outside the hotel, whilst Hawfinch and Golden Oriole were seen well and a Turtle Dove was purring.

We had dinner at 8, which included delicious locally sourced roast trout. Thereafter, we completed what was to be a daily event, a checklist of the day's wildlife sightings over a beer, coffee or glass of wine.

Day 3

Wednesday 7th June

Homoljac, Derigaj, Spomenik and Starigrad-Paklenica

Moth traps set by two members of the group produced a range of species including Orache, Satin Beauty, Clouded Buff, Shaded Fanfoot, Common Wave, Flame Shoulder, Purple Cloud and Maple Prominent. A well-attended optional pre-breakfast bird walk produced an excellent selection of birds including Red-backed Shrike, Golden Oriole, Marsh Tit and Tree Sparrow though the undoubted highlight was getting brilliant views of a male Black-headed Bunting. With the sun shining (hooray) butterflies were active too, with sightings of Glanville Fritillary, Small Blue, Sooty Copper and an absolutely stunning male Large Copper.

After breakfast, we loaded the baggage in the boot of minivan to head south towards the Adriatic coast and warmer climes. The first stop was back at the meadows at Homoljac, which were alive with insects. Amongst an excellent selection of butterflies were Olive Skipper, Safflower Skipper, Chequered Blue, Amanda's Blue, Mazarine Blue, Chapman's Blue, Southern Festoon, Eastern Bath White, Scarce Swallowtail, Berger's Clouded Yellow, Duke of Burgundy (still fresh highlighting how late the season was here) and several Clouded Apollo. There were also many moths, including Golden-yellow Wave, Hook-streaked Grass-veneer, Transparent Burnet, Six-spot Burnet, numerous Foresters of the genus *Jordanita* and a Scalloped Hazel caterpillar. Several White-spotted Rose Chafer Beetle were also seen.

After a wonderful morning, we were back on the road travelling south. We stopped to get picnic supplies in Korenica, then headed south for more than an hour through beautiful and varied scenery to Derigaj. We stopped at the isolated Restaurant Zagi. As the restaurant was shut, Coffee was not an option, but they kindly allowed us to picnic in the outside dining area where there was some welcome shade. Queen of Spain Fritillary and a probable Montagu's Harrier proved a distraction whilst the picnic was being prepared! After lunch we explored the surrounding sparsely vegetated calcareous grassland and light scrub, on the other side of the road. Adonis Blue and Glanville Fritillary were numerous, whilst further noteworthy species included Swallowtail, Black-veined White and several Heath Fritillary types. The birding was excellent here with good views obtained of Barred Warbler and Hoopoe, plus sightings of Tawny Pipit, Bee-eater and Woodlark. This arid landscape was characterised by extensive stands of the beautiful European Feather Grass with its feathery flowering spikes. Crown Vetch and a stunning Burnt-tip Orchid were also seen. As we returned to the vehicle we noticed an Olive Skipper, sadly dead being impaled on the grate of our bus!

Passing through rockier and more mountainous terrain, our next stop was the monument at Spomenik. This is reliable site for Ortolan Bunting and we connected instantly with this species, with several singing and showing well albeit in the distance. The habitat here looked good for butterflies and in a short space of time we located Eastern Rock Grayling, Queen of Spain Fritillary, Southern White Admiral, Pearly Heath, Cleopatra, Dingy Skipper, Holly Blue, Eastern Large Heath, Clouded Apollo (seemingly having a good year) and the much sought after Nettle-tree Butterfly.

A short distance to the south we stopped at Vidikovac na Krupi, a viewpoint with wonderful views of Krupa, Zadar and the Velebit mountain range. Here, Black-eared Wheatear was calling amongst the kaarst and maquis landscape, whilst Subalpine Warbler and Nightingale were singing. Other sightings included Club-tailed Dragonfly and Nine-spotted Moth

A little further down the road at the entrance to a tunnel, we saw the Crag Martins that were breeding there and more surprisingly, a Southern White Admiral.

We arrived at our accommodation for the next two nights, the Hotel Rajna in Starigrad-Paklenica, a village and a small port on the coast of the Velebit channel and Paklenica National Park. With spectacular mountains behind the hotel and the Adriatic Sea a short distance in front it was certainly a wonderful location to stay in.

We had a lovely dinner al fresco on the balcony, watching the sun go down and seeing Swallows coming to feed their young under the eaves until well after dusk. Later in the evening, a Mediterranean House Gecko dubbed 'Harry' was seen on one of the walls, as was a Rusty Wave moth.

Day 4

Thursday 8th June

Mala and Velika Paklenica National Park entrances

The nature walk before breakfast, took us to an area of Olive groves with cultivated fields in front of the hotel, in the direction of the ancient Večka Kula tower. Butterfly highlights included numerous skippers including several Lulworth's and the other three golden skippers, plus Marbled White and Orbed Red-underwing Skipper. The moth highlight was Feathered Footman, whilst a Wart-biter grasshopper was a good find. There were plenty of flowers of interest, amongst them Narrow Clover, Ball-head Onion, *Bupleurum veronense*, Pyramidal Orchid, White Rock-rose, Christ's-thorn and White Horehound. The stand out bird was a showy Red-backed Shrike.

After a buffet breakfast, we had a lovely walk through attractive countryside comprised of olive groves, scrub and small fields ending at a gorge not too far away in Seline and the Mala Paklenica National Park entrance. Butterfly highlights included Great Banded Grayling, Large Wall Brown, Mallow Skipper, Green Hairstreak, Ilex Hairstreak, Blue-spot Hairstreak, Comma, Large Tortoiseshell, Lang's Short-tailed Blue, Niobe Fritillary and Green Hairstreak. Other insects included several Egyptian Grasshopper, Bow-winged Grasshopper, a Scorpion sp. and Praying Mantis. Plants of interest included Wall Germander, Large Thyme and Downy Woundwort. The star bird of the morning was an Eleanor's Falcon which soared above us briefly, something which Josip was very excited about as it's a scarce bird in this area. Also recorded were several Pallid Swifts, Rock Thrush and a singing Eastern Orphean Warbler.

We had a picnic lunch at Bili brig Seline, in a delightful spot overlooking the sea. After lunch we had another walk through varied scenery, this time to the gorge at the Velika Paklenica National Park entrance, near Starigrad.

In the hot afternoon sun wildlife activity was lower than in the morning, though we did see Mountain Small White, Wood White, Eastern Bath White and carpets of Pyramidal Orchids. We also had superb views of a singing Girt Bunting and heard a Rock Bunting. Before retuning back to the hotel, we had a welcome drink at a chilled café bar right on the sea front in Starigrad, with a wonderful view across the Velebitzki Kanal out towards a limestone peninsula.

Dinner included a stunning seafood main course medley of fried squid, calamari, slices of stingray and a whole baked fish.

Day 5

Friday 9th June

Panorama Starigrad Paklenica, Modrič, Bibinje

The day began with an inspection of moth traps set up by the two moth-ers who had brought kit. The haul included a beautiful Oak Hawkmoth, along with Feathered Footman, Hemp Agrimony Plume, Olive Tree Beauty, Scarce Blackneck, The Handmaiden and Pale Shoulder. After this, a pre-breakfast walk was made through shrubland then on to the coast, where a range of saltmarsh plants were present. We had some great views of Swallowtail and Mallow Skipper, with Red-backed Shrike and Serin also seen. A Garlic Mottled moth was appropriately seen on an *Allium* sp. After reaching the impressive Vecka Tower, a 16th century Venetian fort built to protect the Podvelebitski Channel from the Turks, we returned for breakfast.

After breakfast, we drove up to Panorama Starigrad Paklenica viewpoint at the base of the National Park exploring an area of arid rocky scrub. Graylings were numerous, along with several Woodland Grayling which were taking shade in the larger trees. There were plenty of other butterfly species seen, amongst them Mountain Brown Argus, Amanda's Blue, Wood White, Eastern Bath White, Large Tortoiseshell, Niobe Fritillary, Queen of Spain Fritillary and Southern White Admiral. The scrub was attractive to birds supporting Sardinian Warbler, Subalpine Warbler and Blue Rock Thrush, whilst the moth highlight was a Hummingbird Hawkmoth.

We returned to the coast stopping at Modrič where a flock of Spanish Sparrows were bathing in an area of freshwater that was running into the sea and a Turtle Dove was giving good views on a telegraph wire. We crossed the road into another scrubby area that produced a splendid variety of butterflies, including Adonis Blue, Small Copper, Nettle Tree Butterfly, Swallowtail, Large Tortoiseshell and Large Wall Brown. Glass Lizard and a Green Lizard sp. were further noteworthy sightings.

We drove south from Modrič to Babindub seeing Montagu's Harrier at a traditional site from the bus. Josip, Tom and Darko prepared a picnic under the shade of some trees by the Operacija Jaguar (tank) memorial at Bibinje, whilst the group enjoyed the fantastic wildflower meadows here. After lunch we explored the area further. Elm trees were numerous around the picnic spot and there were a number of hairstreaks flitting around the canopy that were frustratingly difficult to identify, as they were constantly on the move or perching at awkward angles. We eventually confirmed (as suspected) that these were the Elm-tree specialist, White-letter Hairstreak. There were hundreds of Meadow Brown flying in the meadows along with Queen of Spain Fritillary, Niobe Fritillary, Heath Fritillary and Silver Washed Fritillary.

Later in the afternoon we travelled a short distance to an area of arid *Cistus* scrub, where the sightings included Silver-studded Blue, Queen of Spain Fritillary, Brimstone, Nettle-tree Butterfly and Small Heath butterflies, plus Hoopoe, Saddle Bush-cricket and Roesell's Bush Cricket.

A review of sightings over the log call highlighted several other noteworthy insects such as Four-spotted Moth and a Lackey moth caterpillar. Dinner was excellent once more, with a mixed grill as the main course for the meat eaters.

Day 6

Saturday 10th June

Baske Ostarije, Studenci and Kosinj

The pre-breakfast moth trap inspection yielded a good variety that included Lace Border, Willow Beauty, Great Oak beauty, Arched Marble. During the pre-breakfast walk which took us to farmland and scrub inland to the north of the hotel, we had good views of Large Skipper, Large Tortoiseshell, Lulworth Skipper and Wall, whilst good views of Serin and Melodious Warbler were a further bonus.

With bags packed and breakfast consumed, we journeyed north-west along the beautiful Adriatic coastline. We stopped at Karlobag for picnic supplies, where there was ample time to check out the shoreline which yielded sightings of several Marbled Rock Crabs. From here we cut inland, leaving the warm coastline behind. We arrived at the mountain pass of Baske Ostarije. This looked excellent for butterflies in habitat terms with scrub, woodland and flower-rich meadows, but unfortunately it was windy and soon started to rain hard. Unperturbed we ventured on, picking up about a dozen species of butterfly amongst them Eastern Large Heath, Eastern Baton Blue, Mazarine Blue and Clouded Yellow. This proved a great spot for orchids with Red Helleborine, Lady Orchid and Chalk Fragrant Orchid, all new for the holiday. Moths recorded included numerous Mother Shipton, Burnet Companion and several Black-Veined Moths. The birding was good too, with Ortolan Bunting seen feeding young, five Hawfinches, Skylark and Cuckoo, the latter a declining species in England but reassuring common in Croatia.

With continued rain we visited Hostel Baske Ostarije for a takeaway coffee and comfort break, where the surrounding beech woodland held May-lily, White Helleborine and Lesser Butterfly Orchid. We returned to Baske Ostarije for a picnic lunch, then continued our journey in a north easterly direction passing lots of White Storks nesting near Perusica. Our destination was an area of alkaline sheep grazed pastures at Studenci. Though it was still overcast, the temperatures had warmed enough for insects. A superb diversity of butterflies was subsequently seen in the flowery grassland, with standouts being Twin-spot Fritillary, good numbers of Safflower Skipper, Silver-studded Blue, Small Heath and various fritillary spp. (with some candidate Nickerl's/Assmans), plus Pearly Heath, Woodland Ringlet and Adonis blue. Other natural history highlights included Ascalaphid (Owl Fly), a Small Eggar larval web and a Smooth Snake, the latter being an infrequently seen species on these tours. The main butterfly species present reflected the main plant species present Badassi (*Lotus* cfr. *dorycnium*), Grey Cinquefoil, Horseshoe Vetch, various plantains and fine-leaved grasses.

Our final stop of the day was a small meadow at Kosinj, where Large Blue had been recorded in previous years, as recently as 2018. Alas the meadow was now abandoned, and too overgrown and cool for this butterfly. With rank grass and invading Blackthorn scrub now present, it was more suited to Black-veined White, of which half a dozen or so were seen. Once again Cuckoo was recorded, along with Glanville Fritillary.

We arrived at our hotel for the evening, the Jure Hotel in a rustic setting in Krasno village. It was a dull and rainy, but the welcome was warm and cheery, and we slugged down a local spirit as part of the welcome, before checking into our rooms. After doing the checklist over a beer in the lobby and a pleasant dinner, we settled in to watching the Champions League final in the bar where Manchester City beat Inter Milan 1 – 0.

Day 7

Sunday 11th June

Turinski Krč, Northern Velebit National Park and Krasno Polje

The morning was rather wet, but spirits were certainly not dampened as Tom and Josip led a walk in and around the village, with the majority of the group attending. It was too cool and wet for butterflies, but there was still plenty to see. Several Red-backed Shrikes were particularly obliging, whilst other birds recorded included Hawfinch, Black Redstart and White Wagtail, whilst the botanical highlight was Twayblade Orchid.

After breakfast and a stop at a minimarket, we headed west to the neighborhood of Oltari, in a locality called Turinski Krč, where we went to explore a stony slope: though in the event it was too cold and windy for most butterflies to be active. In view of this we decided to head downhill and explore any sheltered sites which we could find that looked promising in habitat terms. This proved to be a good move, with a couple of stops not too far away yielding our first Chestnut Heath sighting of the holiday, large numbers of Black-veined White, plus Golden-yellow Wave moth, and Late Spider Orchid and Fly Orchid. With cooling weather and darkening skies, we returned to the hotel to have a picnic lunch under a canopy in the beer garden, which was keeping the rain out rather than the sun!

We returned to Turinski Krč in the afternoon, in the hope of better weather. As we reached the last and most important meadow, our luck was in as it became noticeably warmer and brighter. There followed a highly productive spell, with over 20 butterfly species seen, though we only added two new species to the tour list suggesting we had seen most species that were on the wing at the moment, at least in this area. The new species were a fresh Small Tortoiseshell and a Lesser Spotted Fritillary caterpillar. Other highlights included at least 10 Duke of Burgundy, Mazarine Blue, Adonis Blue and plentiful Woodland Ringlet.

We headed further down the valley again by coach, trying out a new promising area of flower-rich grassland and scrub. Here we picked up Large Grizzled Skipper, Black-veined White, Clouded Apollo, Eastern Large Heath and a lovely Cream-spot Tiger moth.

Back at the hotel, a small party was held at the log call with nibbles and fizzy white wine, to celebrate what had been an excellent holiday. Other entomologists on other tours in Europe had commented how late the season was (the number of Duke of Burgundy seen was testament to this) and how few butterflies that had been around given the recent cold weather. In view of this and given the variable weather we had were rather delighted to have seen ca80 butterfly species, plus a host of other memorable wildlife encounters.

Our final evening meal centered around a tasty *goulash* and polenta.

Day 8

Monday 12th June

Krasno Polje, Istok, Zagreb Airport

After a customary group photo outside the hotel with the family owners, we headed off at 8:30 allowing ample time to catch our afternoon flight.

We stopped for fuel, coffee, snacks and to stretch our legs at Marché Dobra services, Istok. This proved to be a highly rewarding stop and finale for butterfly watching. Though no more than typical wider countryside habitat (scrubby grassland), adjacent to the service station it was surprisingly rich in butterflies with 20 species seen in little over half an hour! Something that would be unimaginable achieving in a similar situation in the UK. Highlights being Marbled Fritillary, Twin-spot Fritillary, Purple-shot Copper and Sooty Copper.

The last stage of our time in Croatia saw us completing the journey to Zagreb Airport, picking up Black Stork, Great Egret and several Buzzards en-route. At the airport, we said our goodbyes to Josip and Darko who had both done an excellent job, before catching our flight back to Heathrow, leaving amazing biodiversity of Croatia behind us.



Black-headed Bunting

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Species lists

Butterflies

Common name	Scientific name	June 2023							
		5	6	7	8	9	10	11	12
Swallowtail	<i>Papilio machaon</i>			1		2			
Scarce Swallowtail	<i>Iphiclides podalirius</i>			6	12	2			1
Southern Festoon	<i>Zerynthia polyxena</i>			2					
Clouded Apollo	<i>Parnassius mnemosyne</i>			4				3	
Black-veined White	<i>Aporia crataegi</i>			4			8	60	
Large White	<i>Pieris brassicae</i>			2	1	✓□	1	1	
Small White	<i>Pieris rapae</i>		12	10	12	✓□	2	1	1
Orange-tip	<i>Anthocharis cardamines</i>		✓□	1		□ □			
Mountain Small White	<i>Pieris ergani</i>			1	1				
Eastern Bath White	<i>Pontia edusa</i>			1	1	5			
Clouded Yellow	<i>Colias crocea</i>			10	50	30	10	2	
Berger's Clouded Yellow	<i>Colias australis</i>			1					
Brimstone	<i>Gonepteryx rhamni</i>			6	2	5	1		
Cleopatra	<i>Gonepteryx cleopatra</i>			1		1			
Wood White	<i>Leptidea sinapis</i>				1	3	1		
Sloe Hairstreak	<i>Satyrium acaciae</i>								
Ilex Hairstreak	<i>Satyrium ilicis</i>				1	10			
Blue-spot Hairstreak	<i>Satyrium spini</i>				50	10			
White-letter Hairstreak	<i>Satyrium w-album</i>					6			
Green Hairstreak	<i>Callophrys rubi</i>				2				
Small Copper	<i>Lycaena phlaeas</i>				30	10	6		1
Large Copper	<i>Lycaena dispar</i>			1					
Sooty Copper	<i>Lycaena tityrus</i>			3					2
Purple-shot Copper	<i>Lycaena alciphron</i>								1
Lang's Short-tailed Blue	<i>Leptotes pirithous</i>				1				
Holly Blue	<i>Celastrina argiolus</i>			1	2	6			
Small Blue	<i>Cupido minimus</i>			3	1			3	
Chequered Blue	<i>Scolitantides orion</i>			1			1		
Silver-studded Blue	<i>Plebejus argus</i>			20			10		1
Chapman's Blue	<i>Polyommatus thersites</i>		1	1			1	1	1
Amanda's Blue	<i>Polyommatus amandus</i>			10		1	1	1	
Mazarine Blue	<i>Cyaniris semiargus</i>			5			1	3	
Adonis Blue	<i>Polyommatus bellargus</i>			20	20	5	10		
Common Blue	<i>Polyommatus icarus</i>		6	30	150 +	50	20	20	5
Brown Argus	<i>Aricia agestis</i>				6	5	2	2	1
Mountain Brown Argus	<i>Aricia artaxerxes</i>					1			
Duke of Burgundy	<i>Hamearis lucina</i>			5				10	
Nettle-tree Butterfly	<i>Libythea celtis</i>			2	5	10			
Southern White Admiral	<i>Limenitis reducta</i>			2	1	5			
Large Tortoiseshell	<i>Nymphalis polychloras</i>			2	5	10	1		
Small Tortoiseshell	<i>Aglias urticae</i>							1	1
Red Admiral	<i>Vanessa atalanta</i>			1					1
Map	<i>Araschnia levana</i>		2	6	10	15	10	5	1
Painted Lady	<i>Vanessa cardui</i>				1				
Comma	<i>Polygonum c-album</i>					2			
Silver-washed Fritillary	<i>Argynnis paphia</i>					1			
Niobe Fritillary	<i>Fabriciana niobe</i>				1	5			

Common name	Scientific name	June 2023							
		5	6	7	8	9	10	11	12
Queen of Spain Fritillary	<i>Issoria lathonia</i>			2		15	2	1	
Twin-spot Fritillary	<i>Brenthis hecate</i>						2		3
Marbled Fritillary	<i>Brenthis daphne</i>		L						1
Weaver's (Violet) Fritillary	<i>Clossiana dia</i>								2
Glanville Fritillary	<i>Melitaea cinxia</i>		6	100	1		5	5	
Nickerl's/Assmans Fritillary	<i>Melitaea spp.</i>						3?		
Lesser Spotted Fritillary	<i>Melitaea fascelis</i>							L	
Heath Fritillary	<i>Melicta athalia</i>		4	4			10	12	2
Marbled White	<i>Melanargia galathea</i>				10	40			
Eastern Rock Grayling	<i>Hipparchia cfr. syriaca</i>			1		2			
Woodland Grayling	<i>Hipparchia fagi</i>					5			
Grayling	<i>Hipparchia semele</i>			6	30	30	2	5	
Great Banded Grayling	<i>Kanetisa circe</i>				1				
Woodland Ringlet	<i>Erebia medusa</i>		10	30				3	
Speckled Wood	<i>Pararge aegeri</i>		1		3				
Wall Brown	<i>Lasiommata megera</i>				30	20	10	2	
Large Wall Brown	<i>Lasiommata maera</i>				2	2			
Meadow Brown	<i>Maniola jurtina</i>		1	2	20	100s	20	15	5
Eastern Large Heath	<i>Coenonympha rhodopensis</i>			1			1	1	
Small Heath	<i>Coenonympha pamphilus</i>		4	60+	50+	50+	✓□	5	2
Pearly Heath	<i>Coenonympha arcania</i>			1			1	5	
Chestnut Heath	<i>Coenonympha glycerion</i>							1	
Grizzled Skipper	<i>Pyrgus malvae</i>		5	20	1	1	2	2	2
Large Grizzled Skipper	<i>Pyrgus alveus</i>			✓□				1	
Safflower Skipper	<i>Pyrgus carthami</i>			✓□			40		
Orbed Red-underwing (Hungarian) Skipper	<i>Spilalia orbifer</i>			3	1	5	1		1
Mallow Skipper	<i>Carcharodus alceae</i>				2	5	1		
Dingy Skipper	<i>Erynnis tages</i>			10	2	3	3	1	
Lulworth Skipper	<i>Thymelicus acteon</i>				70+	✓□	10		
Essex Skipper	<i>Thymelicus lineola</i>				1				
Small Skipper	<i>Thymelicus flavus</i>				70				
Large Skipper	<i>Ochlodes sylvanus</i>				2				
Olive Skipper	<i>Pyrgus serratulae</i>		1	1					

Moths

Common name	Scientific name	June 2023							
		5	6	7	8	9	10	11	12
Forester	<i>Adcita statices</i>								
Five-spot Burnet	<i>Zygaena trifolii</i>								
Six-spot Burnet	<i>Zygaena filipendulae</i>					✓□		✓□	
Transparent Burnet	<i>Zygaena purpuralis</i>			✓□			✓□	✓□	
Crepuscular Burnet	<i>Zygaena camiolica</i>								
Festoon	<i>Apoda limicodes</i>					✓□			
Fox Moth	<i>Macrothylacia rubi</i>			✓□			✓□		
Plum Lappet	<i>Odonesti pruni</i>					✓□			
Buff Arches	<i>Habrosyne pyritoides</i>								
Common Emerald	<i>Hemithea aestivaria</i>								
Small Emerald	<i>Hemistola chrysoprasaria</i>								

Common name	Scientific name	June 2023									
		5	6	7	8	9	10	11	12		
Small Grass Emerald	<i>Chlorissa viridata</i>										
Little Emerald	<i>Jodis lactearia</i>										
Large Emerald	<i>Geometra papilionaria</i>										
Mocha	<i>Cyclophora annularia</i>										
Blair's Mocha	<i>Cyclophora puppillaria</i>					✓					
Clay Triple-lines	<i>Cyclophora linearia</i>										
Lace Border	<i>Scopula ornata</i>						✓				
Golden-yellow Wave	<i>Idaea aureolaria</i>		✓	✓	✓	✓	✓	✓			
Rose-banded Wave	<i>Rhodostrophia vibicaria</i>										
Riband Wave	<i>Idaea aversata</i>										
Portland Ribbon Wave	<i>Idaea degeneraria</i>		✓								
Galium Carpet	<i>Epirrhoe galiata</i>										
Barred Straw	<i>Eurythis pyraliata</i>										
Grey Pine Carpet	<i>Thera obeliscata</i>		✓	✓							
Spruce Carpet	<i>Thera britannica</i>										
Green Carpet	<i>Colostygia pectinataria</i>										
Yellow Shell	<i>Camptogramma bilineata</i>							✓			
Small Waved Umber	<i>Horisme vitalbata</i>					✓					
Fern	<i>Horisme tersata</i>										
Sharp-angled Carpet	<i>Euphyia unangulata</i>										
Clouded Border	<i>Lomaspilis marginata</i>										
Scorched Carpet	<i>Lidgia adustata</i>										
Latticed Heath	<i>Chiasmia clathrata</i>		✓	✓							
Brown Silver-line	<i>Petrophora chlorosata</i>										
Speckled Yellow	<i>Pseudopanthera macularia</i>		✓	✓			✓				
August Thorn	<i>Ennomos quercinaria</i>										
Lunar Thorn	<i>Selenia lunularia</i>										
Swallow-tailed Moth	<i>Ourapteryx sambucaria</i>										
Willow Beauty	<i>Peribatodes rhomboidaria</i>						✓				
Great Oak Beauty	<i>Hypomecis roboraria</i>						✓				
Pale Oak Beauty	<i>Hypomecis punctinalis</i>										
Common Heath	<i>Ematurga atomaria</i>	✓	✓	✓	✓	✓	✓	✓			
Light Emerald	<i>Campaea margaritata</i>										
Black-veined Moth	<i>Siona lineata</i>	4	✓				✓	✓			
Grass Wave	<i>Perconia strigillaria</i>										
Cream Wave	<i>Scopula floslactata</i>			✓							
Pine Hawk-moth	<i>Hyloicus pinastr</i>										
Privet Hawk-moth	<i>Sphinx ligustri</i>										
Lime Hawk-moth	<i>Mimas tiliae</i>										
Eyed Hawk-moth	<i>Smerinthus ocellata</i>										
Poplar Hawk-moth	<i>Laothoe populi</i>										
Broad-bordered Yellow Underwing	<i>Noctua fimbriata</i>					✓					
Humming-bird Hawk-moth	<i>Macroglossum stellatarum</i>			✓		✓					
Spurge Hawk-moth	<i>Hyles euphorbiae</i>										
Small Elephant Hawk-moth	<i>Deilephila porcellus</i>			✓							
Tawny Prominent	<i>Harpyia milhauseri</i>										
Poplar Kitten	<i>Furcula bifida</i>										
Buff-tip	<i>Phalera bucephala</i>										
Rosy Footman	<i>Miltochrista miliata</i>										
Four-dotted Footman	<i>Cybosia mesomella</i>										
Hoary Footman	<i>Eilema caniola</i>					✓	✓				

Common name	Scientific name	June 2023									
		5	6	7	8	9	10	11	12		
Cream-spot Tiger	<i>Atctica villica</i>							✓			
Brown Tiger	<i>Hyphoraia aulica</i>										
Buff Ermine	<i>Spilosoma luteum</i>										
Nine-spotted	<i>Amata phegea</i>			✓	✓	✓	✓	✓	✓		
Heart and Dart	<i>Agrotis exclamationis</i>										
Silver Y	<i>Autographa gamma</i>			✓							
Purple Clay	<i>Diarsia brunnea</i>										
Small Ranunculus	<i>Hecatera dysodea</i>										
Campion	<i>Hadene rivularis</i>										
Grey Arches	<i>Polia nebulosa</i>										
Pale-shouldered Brocade	<i>Lacanobia thalassina</i>										
Lesser-spotted Pinion	<i>Cosmia affinis</i>										
Uncertain	<i>Hoplodrina alsines</i>										
Double Line	<i>Mythimna turca</i>			✓							
Delicate	<i>Mythimna vitellina</i>										
Shark	<i>Cucullia umbratica</i>										
Sycamore	<i>Acronicta aceris</i>										
Small Angle Shades	<i>Euplexia lucipara</i>										
Latin	<i>Callopietria juvenina</i>										
The Argentine	<i>Spatalia argentina</i>					✓					
Treble Lines	<i>Charanyca trigrammica</i>					✓					
Eastern Bordered Straw	<i>Heliothis nubigera</i>										
Essex Emerald	<i>Thetidia smaragdaria</i>	✓									
Flame Shoulder	<i>Ochropleura plecta</i>			✓							
Burnished Brass	<i>Diachrysis chrysis</i>										
Golden Twin-spot	<i>Chrysodeixis chalcites</i>										
Nut-tree Tussock	<i>Colocasis coryli</i>										
Spectacle	<i>Abrostola trpartita</i>										
Passenger	<i>Dysgonia algira</i>										
Mother Shipton	<i>Callistege mi</i>			✓			✓	✓			
Burnet Companion	<i>Ucledia glyphica</i>			✓			✓	✓			
Four-spotted	<i>Tyta luctuosa</i>										
Shaded Fan-foot	<i>Herminia tarsicrinalis</i>			✓							
Fan-foot sp	<i>Polypogon tentacularia</i>										
Scalloped Hazel	<i>Odontopera bidentata</i>			✓							
Rusty Wave	<i>Idaea inquinata</i>				✓						
Lackey moth	<i>Malacosoma neustria</i>		✓		✓						
Bright Wave	<i>Idaea ochrata</i>			✓	✓		✓				
Great Peacock Moth	<i>Saturnia pyri</i>						✓				
Alpine Wave	<i>Heliomata glarearia</i>			✓							
Emperor Moth	<i>Saturnia pavonia</i>							✓			
Additional species											
Clouded Buff	<i>Diacrisia sannio</i>			✓			✓				
Common Wave	<i>Cabera exanthemata</i>			✓							
Feathered Footman	<i>Coscinia striata</i>					✓					
Large Yellow Underwing	<i>Noctua pronuba</i>						✓				
Narrow-bordered Five-spot Burnet	<i>Zygaena lonicerae</i>				✓						
Marbled Brown	<i>Drymonia dodonaea</i>			✓							
Maple Prominent	<i>Ptilodon cucullina</i>			✓							
Oak Hawk-moth	<i>Marumba quercus</i>					✓					
Olive-tree Beauty	<i>Peribatodes umbraria</i>					✓					

Common name	Scientific name	June 2023							
		5	6	7	8	9	10	11	12
Orache Moth	<i>Trachea atriplicis</i>			✓					
Pale Shoulder	<i>Acontia lucida</i>					✓			
Purple Cloud	<i>Actinotia polyodon</i>			✓					
Satin Beauty	<i>Deileptenia ribeata</i>			✓	□ □				
Scarce Blackneck	<i>Lygephila cracca</i>			□ □		✓			
Handmaiden Moth	<i>Syntomoides imaon</i>					✓			
Garlic Mottled	<i>Dyspessa ulula</i>	□ □	□ □		□ □	✓		□ □	
Small Eggar	<i>Eriogaster lanestris</i>	□ □	□ □				✓	□ □	
Moths (micros)									
Brown Plume	<i>Stenoptilia pterodactyla</i>			✓					
Dingy White Plume	<i>Merrifieldia tridactyla</i>								
Dusky Grass-veneer	<i>Chrysocrambus craterella</i>								
Box Moth	<i>Cydalima perspectalis</i>								
Small Magpie	<i>Anania hortulata</i>								
White-spotted Sable	<i>Anania funebris</i>		✓	✓	✓	✓	✓	✓	
Crambid sp	<i>Palpita vitrealis</i>								
Arched Marble	<i>Olethreutes arcuella</i>						✓		
Triangle Plume	<i>Platyptilia gonodactyla</i>	□ □	✓						
Gold-dot Slender	<i>Euspilapteryx auroguttella</i>	✓							
Hook-streak Grass-veneer	<i>Crambus lathoniellus</i>		✓						
Thyme Plume	<i>Merrifieldia leucodactyla</i>	□ □	□ □	✓				□ □	
Silver-barred Sable	<i>Pyrausta cingulata</i>	□ □	□ □					□ □	
Triangle Plume	<i>Platyptilia gonodactyla</i>	□ □	□ □			✓		□ □	
Hemp-agrimony Plume	<i>Adaina microdactyla</i>	□ □	□ □			✓		□ □	

Birds (H = Heard only)

Common name	Scientific name	June 2023							
		5	6	7	8	9	10	11	12
Mute Swan	<i>Cygnus olor</i>	5				2			
Mallard	<i>Anas platyrhynchos</i>								
Eurasian Teal	<i>Anas crecca</i>								
Rock Partridge	<i>Alectoris graeca</i>								
Grey Partridge	<i>Perdix perdix</i>								
Common Quail	<i>Coturnix coturnix</i>								
Common Pheasant	<i>Phasianus colchicus</i>				✓	✓			
Little Grebe	<i>Tachybaptus ruficollis</i>						✓		
Black Stork	<i>Ciconia nigra</i>								1
White Stork	<i>Ciconia ciconia</i>						50		✓
Grey Heron	<i>Ardea cinerea</i>	1							
Little Egret	<i>Egretta garzetta</i>					1			
Great Egret	<i>Egretta alba</i>								1
Pygmy Cormorant	<i>Microcarbo pygmeus</i>								
Great Cormorant	<i>Phalacrocorax carbo</i>								
Eurasian Spoonbill	<i>Platalea leucorodia</i>				1				
European Honey Buzzard	<i>Pernis apivorus</i>								
Short-toed Snake Eagle	<i>Circaetus gallicus</i>								
Golden Eagle	<i>Aquila chrysaetos</i>								
Eurasian Sparrowhawk	<i>Accipiter nisus</i>								

Common name	Scientific name	June 2023							
		5	6	7	8	9	10	11	12
Northern Goshawk	<i>Accipiter gentilis</i>								
Western Marsh Harrier	<i>Circus aeruginosus</i>								
Montagu's Harrier	<i>Circus pygargus</i>			?		2			
White-tailed Eagle	<i>Haliaeetus albicilla</i>	□ □	□ □		□ □		□ □		
Common Buzzard	<i>Buteo buteo</i>	✓□	✓□	4	✓□		✓□	2	
Eurasian Coot	<i>Fulica atra</i>								
Black-headed Gull	<i>Chroicocephalus ridibundus</i>								
Western Yellow Legged Gull	<i>Larus michahellis</i>			15	12	✓□			
Common Tern	<i>Sterna hirundo</i>								
Rock Dove	<i>Columba livia</i>			1					
Common (Feral) Pigeon	<i>Columba livia 'feral'</i>	✓□	✓□	✓□	✓□	✓□			
Stock Dove	<i>Columba oenas</i>								
Common Wood Pigeon	<i>Columba palumbus</i>			✓□			✓□		
European Turtle Dove	<i>Streptopelia turtur</i>		✓□	10	5	10	3		
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	✓□		10	✓□	✓□	✓□		
Common Cuckoo	<i>Cuculus canorus</i>		✓□	1	✓□	✓□	✓□	✓□	
Eurasian Scops Owl	<i>Otus scops</i>			✓□		✓□			
Little Owl	<i>Athene noctua</i>								
Alpine Swift	<i>Tachymarptis melba</i>				5				
Common Swift	<i>Apus apus</i>			2	10	10	✓□		
Pallid Swift	<i>Apus pallidus</i>				10		□ □		
European Roller	<i>Coracias garrulus</i>								
Common Kingfisher	<i>Alcedo atthis</i>								
European Bee-eater	<i>Merops apiaster</i>			4					
Eurasian Hoopoe	<i>Upupa epops</i>			2	1				
Eurasian Wryneck	<i>Jynx torquilla</i>		✓□	2	1				
Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>								
Middle Spotted Woodpecker	<i>Dendrocopos medius</i>								
Great Spotted Woodpecker	<i>Dendrocopos major</i>		✓□	1			1	1	
Black Woodpecker	<i>Dryocopus martius</i>								
European Green Woodpecker	<i>Picus viridis</i>							✓□	
Grey-headed Woodpecker	<i>Picus canus</i>	✓□						?	
Common Kestrel	<i>Falco tinnunculus</i>				1	1	✓□		
Red-footed Falcon	<i>Falco vespertinus</i>								
Eleonora's Falcon	<i>Falco eleonora</i>				1				
Eurasian Hobby	<i>Falco subbuteo</i>								
Red-backed Shrike	<i>Lanius collurio</i>	✓□	✓□	5	15	15	✓□	20	
Lesser Grey Shrike	<i>Lanius minor</i>								
Eurasian Golden Oriole	<i>Oriolus oriolus</i>		1	✓□	2	1	✓□		
Eurasian Jay	<i>Garrulus glandarius</i>			1			1	2	
Eurasian Magpie	<i>Pica pica</i>		1	1		2	✓□		
Alpine Chough	<i>Pyrrhocorax graculus</i>								
Western Jackdaw	<i>Coloeus monedula</i>								
Rook	<i>Corvus frugilegus</i>								
Hooded Crow	<i>Corvus cornix</i>	5	1	2	1	2	✓□		
Northern Raven	<i>Corvus corax</i>			2		1		3	
Coal Tit	<i>Parus ater</i>						✓□	✓□	
Sombre Tit	<i>Poecile lugubris</i>								
Marsh Tit	<i>Poecile palustris</i>		1	3				3	
Willow Tit	<i>Poecile montanus</i>		1						

Common name	Scientific name	June 2023									
		5	6	7	8	9	10	11	12		
Eurasian Blue Tit	<i>Cyanistes caeruleus</i>		✓	✓	✓	✓					
Great Tit	<i>Parus major</i>		✓	✓	✓	✓	✓	✓			
Woodlark	<i>Lullula arborea</i>			✓				1			
Eurasian Skylark	<i>Alauda arvensis</i>		✓	✓			2	2			
Crested Lark	<i>Galerida cristata</i>					✓					
Sand Martin	<i>Riparia riparia</i>					✓					
Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓	✓		✓	✓	✓		
Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>			3							
Common House Martin	<i>Delichon urbicum</i>		12	✓	✓	✓	✓	✓	✓		
Long-tailed Tit	<i>Aegithalos caudatus</i>		✓	✓							
Wood Warbler	<i>Phylloscopus sibilatrix</i>										
Willow Warbler	<i>Phylloscopus trochilus</i>										
Common Chiffchaff	<i>Phylloscopus collybita</i>		✓								
Great Reed Warbler	<i>Acrocephalus arundinaceus</i>										
Sedge Warbler	<i>Acrocephalus schoenobaenus</i>										
Eurasian Reed Warbler	<i>Acrocephalus scirpaceus</i>										
Marsh Warbler	<i>Acrocephalus palustris</i>										
Icterine Warbler	<i>Hippolais icterina</i>										
River Warbler	<i>Locustella fluviatilis</i>										
Savi's Warbler	<i>Locustella luscinioides</i>										
Zitting Cisticola	<i>Cisticola juncidis</i>					✓					
Eurasian Blackcap	<i>Sylvia atricapilla</i>		✓	✓		✓	✓	✓			
Garden Warbler	<i>Sylvia borin</i>										
Barred Warbler	<i>Sylvia nisoria</i>		2	1				1			
Lesser Whitethroat	<i>Curruca curruca</i>										
Eastern Orphean Warbler	<i>Curruca crassirostris</i>				1						
Common Whitethroat	<i>Curruca communis</i>						✓	✓			
Eastern Subalpine Warbler	<i>Curruca cantillans</i>			✓	✓	✓					
Sardinian Warbler	<i>Curruca melanocephala</i>				✓	✓					
Goldcrest	<i>Regulus regulus</i>		✓								
Firecrest	<i>Regulus ignicapilla</i>		2								
Eurasian Wren	<i>Troglodytes troglodytes</i>										
Eurasian Nuthatch	<i>Sitta europaea</i>		✓	1			✓				
Western Rock Nuthatch	<i>Sitta neumayer</i>										
Eurasian Treecreeper	<i>Certhia familiaris</i>										
Short-toed Treecreeper	<i>Certhia brachydactyla</i>										
Common Starling	<i>Sturnus vulgaris</i>		10	✓		70	✓	✓			
Ring Ouzel	<i>Turdus torquatus</i>										
Common Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Song Thrush	<i>Turdus philomelos</i>	✓	✓	✓	✓						
Mistle Thrush	<i>Turdus viscivorus</i>			1			✓	✓			
Spotted Flycatcher	<i>Muscicapa striata</i>										
European Robin	<i>Erithacus rubecula</i>	✓	✓	✓							
Bluethroat	<i>Luscinia svecica</i>										
Common Nightingale	<i>Luscinia megarhynchos</i>			✓	✓	✓	✓	✓			
Collared Flycatcher	<i>Ficedula albicollis</i>		3								
Black Redstart	<i>Phoenicurus ochruros</i>		2	✓			5	5			
Whinchat	<i>Saxicola rubetra</i>										
European Stonechat	<i>Saxicola rubicola</i>										
Common Rock Thrush	<i>Monticola saxatilis</i>				1						
Blue Rock Thrush	<i>Monticola solitarius</i>			1		1					

Common name	Scientific name	June 2023									
		5	6	7	8	9	10	11	12		
Northern Wheatear	<i>Oenanthe oenanthe</i>										
Black-eared Wheatear	<i>Oenanthe hispanica</i>										
Dipper (Black Bellied)	<i>Cinclus cinclus cinclus</i>										
House Sparrow	<i>Passer domesticus</i>		✓	✓	✓	✓	✓	✓	✓	✓	✓
Spanish Sparrow	<i>Passer hispaniolensis</i>					5					
Eurasian Tree Sparrow	<i>Passer montanus</i>	10	10	✓							
Dunnock	<i>Prunella modularis</i>										
Blue-headed Wagtail	<i>Motacilla flava flava</i>										
Grey Wagtail	<i>Motacilla cinerea</i>	5	10				✓	✓			
White Wagtail	<i>Motacilla alba</i>		1	1		2					
Tawny Pipit	<i>Anthus campestris</i>			1							
Tree Pipit	<i>Anthus trivialis</i>										
Water Pipit	<i>Anthus spinoletta</i>							✓			
Common Chaffinch	<i>Fringilla coelebs</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hawfinch	<i>Coccothraustes coccothraustes</i>	✓	2	2			✓	✓			
European Greenfinch	<i>Chloris chloris</i>			✓	✓	10					
Common Linnet	<i>Linaria cannabina</i>			5	✓						
Red Crossbill	<i>Loxia curvirostra</i>										
European Goldfinch	<i>Carduelis carduelis</i>			2		5	2				
European Serin	<i>Serinus serinus</i>		2	✓	✓	5	3				
Corn Bunting	<i>Emberiza calandra</i>		5	✓							
Yellowhammer	<i>Emberiza citrinella</i>			4							
Rock Bunting	<i>Emberiza cia</i>				✓						
Ortolan Bunting	<i>Emberiza hortulana</i>			5			2				
Cirl Bunting	<i>Emberiza cirlus</i>			1	1	✓	✓				
Black-headed Bunting	<i>Emberiza melanocephala</i>			2							

Others

		June 2023									
Common name	Scientific name	5	6	7	8	9	10	11	12		
Dragonflies & Damselflies											
Beautiful Demoiselle	<i>Calopteryx virgo</i>		✓								
Banded Demoiselle	<i>Calopteryx splendens</i>		✓								
White-legged Damselfly	<i>Platycnemis pennipes</i>	✓									
Blue Damselfly	<i>Enallagma cythigerum</i>										
Common Clubtail	<i>Gomphus vulgatissimus</i>			✓							
Broad-bodied Chaser	<i>Libellula depressa</i>					✓					
Reptiles & Amphibians											
Marsh Frog	<i>Pelophylax ridibundus</i>	✓	✓								
Common Toad	<i>Bufo bufo</i>										
Italian Wall Lizard	<i>Podarcis sicula</i>			✓	✓	✓	✓				
Green Lizard sp	<i>Lacerta sp</i>					✓					
European Glass Lizard	<i>Ophisaurus apodus</i>					✓					
Slow-worm	<i>Anguis fragilis</i>		1		1						
Dice Snake	<i>Natrix tessellata</i>		2								
Turkish Gecko	<i>Hemidactylus turcicus</i>			✓							
Smooth Snake	<i>Coronella austriaca</i>			☐ ☐			✓				
Mediterranean House Gecko	<i>Hemidactylus turcicus)</i>			✓							

Mammals									
Bank vole	<i>Myodes glareolus</i>								
Roe Deer	<i>Capreolus capreolus</i>		1			2	1		
European Hare	<i>Lepus europaeus</i>								
Rock Mouse	<i>Apodemus mystacinus</i>								
Red Squirrel	<i>Sciurus vulgaris</i>			✓					
Pine Marten	<i>Martes martes</i>		1						
Hedgehog	<i>Erinaceus europaeus</i>						✓		
Invertebrates									
Egyptian Grasshopper	<i>Anacrididae aegyptum</i>				✓	✓			
Robber Fly sp	<i>Asiloidea sp</i>		1						
Long Horn Beetle sp	<i>Chrysomeloidea sp</i>								
Field Cricket	<i>Gryllus campestris</i>		1						
Praying Mantis	<i>Mantis religiosa</i>				✓				
Ascalaphid (Owl Fly)	<i>Libelloides longicornis</i>					✓			
Stag Beetle	<i>Dorcus titanus</i>								
Green Chafer	<i>Gnorimus sp.</i>							✓	
Rose Chafer	<i>Cetonia aurata</i>		✓	✓					
Oil Beetle	<i>Mylabris variabilis</i>				✓				
Minstrel Bug	<i>Graphosoma italicum</i>			✓					
Roesel's Bush Cricket	<i>Roeseliana roeselii</i>					✓			
Crab Spider sp	<i>Thomisidae sp</i>							✓	
Roman Snail	<i>Helix pomatia</i>	✓							
Ichneumonid wasp	<i>Ctenichneumon panzeri</i>	✓							
Green Huntsman Spider	<i>Micrommata virescens</i>	✓							
Italian Striped-Bug	<i>Graphosoma italicum</i>	✓							
Scorpion sp	<i>Euroscorpius sp</i>				✓				
European rhinoceros beetle	<i>Oryctes nasicornis</i>			✓	✓				
Stonefly sp	<i>Plecoptera sp</i>	✓							
Leaf Beetle sp	<i>Lachnaia sexpunctata</i>		✓						
White-spotted Rose Chafer Beetle	<i>Oxythyrea funesta</i>		✓	✓					
House Centipede	<i>Scutigera coleoptrata</i>				✓				
A Longhorn Beetle	<i>Dorcadion sp</i>				✓				
Saddle Bush-cricket	<i>Ephippiger diurnus</i>				✓				
Dark-shouldered Shieldbug	<i>Carpocoris purpureipennis</i>				✓				
Bow-winged Grasshopper	<i>Chorthippus biguttulus</i>					✓			
Marginated Leaf-running Cockroach	<i>Phyllodromica marginata</i>						✓		
Wart-biter	<i>Decticus verrucivorus</i>				✓	✓	✓		
Crustaceans									
Marbled Rock Crab	<i>Pachygrapsus marmoratus</i>						✓		

Plants

Common name	Scientific name	June 2023							
		5	6	7	8	9	10	11	12
White Helleborine	<i>Cephalanthera damasonium</i>		☐ ☐				✓☐		
Red Helleborine	<i>Cephalanthera rubra</i>						✓☐		
Sword-leaved Helleborine	<i>Cephalanthera longifolia</i>		✓☐				✓☐		
Heath Spotted Orchid	<i>Dactylorhiza maculata</i>								
Bird's-nest Orchid	<i>Neottia nidus-avis</i>		✓☐						
Military Orchid	<i>Orchis militaris</i>		✓☐						
Lesser Butterfly Orchid	<i>Platanthera bifolia</i>						✓☐		
Common Bee orchid	<i>Ophrys apifera</i>	✓☐	✓☐						
Green-winged Orchid	<i>Anacamptis morio</i>		✓☐	✓☐					
Pyramidal Orchid	<i>Anacamptis pyramidalis</i>				✓☐	✓☐			
Chalk Fragrant Orchid	<i>Gymnadenia conopsea</i>		✓☐	✓☐			✓☐		
Late Spider Orchid	<i>Ophrys fuciflora</i>		✓☐					✓☐	
Three-toothed Orchid	<i>Neotinia tridentata</i>		✓☐	✓☐					
Fly Orchid	<i>Ophrys insectifera</i>			✓☐					
Lady Orchid	<i>Orchis purpurea</i>						✓☐		
Burnt-tip Orchid	<i>Orchis ustulata</i>					✓☐	✓☐		
Common Twayblade	<i>Neottia ovata</i>							✓☐	
Orlaya 'White Lace'	<i>Orlaya grandiflora</i>	✓☐							
Bladder Campion	<i>Silene vulgaris</i>	✓☐							
Bloody Cranesbill	<i>Geranium sanguineum</i>	✓☐							
Italian Catchfly	<i>Silene italica</i>	✓☐							
Biting Stonecrop	<i>Sedum acre</i>	✓☐							
Dog's Mercury	<i>Mercurialis perennis</i>	☐ ☐	✓☐						
Wall-rue	<i>Asplenium ruta-muraria</i>	✓☐							
Clove Pink	<i>Dianthus plumarius</i>		✓☐						
Swallow-wort	<i>Vincetoxicum hirundinaria</i>		✓☐						
Grass leaved Iris	<i>Iris graminea</i>		✓☐						
Mossy Sandwort	<i>Moehringia muscosa</i>		✓☐						
Bastard Balm	<i>Melittis melissophyllum</i>		✓☐						
European Smoketree	<i>Cotinus coggygia</i>		✓☐						
Basil Thyme	<i>Clinopodium acinos</i>		✓☐						
Rustyback	<i>Asplenium ceterach</i>		✓☐						
Rockcress	<i>Arabidopsis arenosa</i>		✓☐						
Nettle-leaved Bellflower	<i>Campanula trachelium</i>		✓☐						
Yellow-green Sedge	<i>Carex cfr. flava</i>		✓☐						
Swamp Sawgrass	<i>Cladium mariscus</i>		✓☐						
Common Butterbur	<i>Petasites cfr. hybridus</i>		✓☐						
Lesser Periwinkle	<i>Vinca minor</i>		✓☐						
Sermountain	<i>Laserpitium latifolium</i>		✓☐						
Yellow Foxglove	<i>Digitalis grandiflora</i>		✓☐						
Heart-leaved Globe Daisy	<i>Globularia cordifolia</i>		✓☐						
Greater Tussock-sedge	<i>Carex paniculata</i>		✓☐						
Ox-eye	<i>Bupthalmum salicifolium</i>		✓☐						
Drooping bittercress	<i>Cardamine enneaphyllos</i>		✓☐						
Solomon's Seal sp	<i>Polygonatum sp</i>		✓☐						
Spiked Rampion	<i>Phyteuma spicatum</i>		✓☐						
Nettle-leaved Speedwell	<i>Veronica urticifolia</i>		✓☐						
Woodland Sage	<i>Salvia x sylvestris</i>		✓☐						
Bitter Wintercress	<i>Barbarea cfr. vulgaris</i>		✓☐						

Common name	Scientific name	June 2023							
		5	6	7	8	9	10	11	12
Coralroot	<i>Cardamine bulbifera</i>		✓						
Herb Robert	<i>Geranium robertianum</i>		✓						
Herb-paris	<i>Paris quadrifolium</i>		✓						
A star-of-Bethlehem	<i>Ornithogalum sp.</i>		✓						
Carthusian Pink	<i>Dianthus cfr. carthusianorum</i>		✓						
Mountain Clover	<i>Trifolium montanum</i>		✓						
Perfoliate Alexanders	<i>Smyrniun perfoliatum</i>		✓						
Viper's-Bugloss	<i>Echium vulgare</i>		✓						
Rampion	<i>Campanula rapunculus</i>		✓						
White Campion	<i>Silene latifolia</i>		✓						
Fine-leaved Vetch	<i>Vicia cfr. tenuifolia</i>		✓						
Hedgerow Crane's-bill	<i>Geranium pyrenaicum</i>		✓						
Clove-scented Broomrape	<i>Orobancha caryophyllacea</i>		✓						
Bracken	<i>Pteridium aquilinum</i>		✓						
Broadleaf Plantain	<i>Plantago major</i>		✓						
Brown Knapweed	<i>Centaurea jacea</i>		✓						
Bugle	<i>Ajuga reptans</i>		✓						
Common Hazel	<i>Corylus avellana</i>		✓						
Curled Hook-moss	<i>Palustriella commutata</i>		✓						
Dropwort	<i>Filipendula vulgaris</i>		✓						
Erect Pellitory-of-the-wall	<i>Parietaria officinalis</i>		✓						
European Cyclamen	<i>Cyclamen purpurascens</i>		✓						
European Field Pansy	<i>Viola cfr. arvensis</i>		✓						
European Hornbeam	<i>Carpinus betulus</i>		✓						
Field Horsetail	<i>Equisetum arvense</i>		✓						
Greater Knapweed	<i>Centaurea cfr. scabiosa</i>		✓						
Hairy St John's-Wort	<i>Hypericum cfr. hirsutum</i>		✓						
Hard Shield Fern	<i>Polystichum cfr. aculeatum</i>		✓						
Hart's Tongue Fern	<i>Asplenium scolopendrium</i>		✓						
Hepatica	<i>Hepatica nobilis</i>		✓						
Horseshoe Vetch	<i>Hippocrepis cfr. comosa</i>		✓						
Kidney-vetch	<i>Anthyllis vulneraria</i>		✓						
Maidenhair Spleenwort	<i>Asplenium trichomanes</i>		✓						
Meadow Clary	<i>Salvia pratensis</i>		✓						
Nottingham Catchfly	<i>Silene nutans</i>		✓						
Round-leaved Saxifrage	<i>Saxifraga rotundifolia</i>		✓						
Salad Burnet	<i>Sanguisorba minor</i>		✓						
Sand Leek	<i>Allium scorodoprasum</i>		✓						
Whorled Clary	<i>Salvia verticillata</i>		✓						
Wild Strawberry	<i>Fragaria vesca</i>		✓						
Wood Spurge	<i>Euphorbia amygdaloides</i>		✓						
Yellow Archangel	<i>Lamium galeobdolon</i>		✓						
Cypress Spurge	<i>Euphorbia cyparissias</i>		✓						
Dusky Cranesbill	<i>Geranium phaeum</i>		✓						
Bedstraw Broomrape	<i>Orobancha caryophyllacea</i>		✓						
Narrow Clover	<i>Trifolium angustifolium</i>				✓				
Drumstick Onion	<i>Allium amethystinum</i>				✓				
A Hare's-ear	<i>Bupleurum veronense</i>				✓				
Sea Couch	<i>Elymus pungens</i>				✓				
Wall Germander	<i>Teucrium chamadrys</i>				✓				
Bladder-senna	<i>Colutea arborescens</i>					✓			

Common name	Scientific name	June 2023									
		5	6	7	8	9	10	11	12		
Crimson Clover	<i>Trifolium incarnatum</i>							✓			
Field Marigold	<i>Calendula arvensis</i>							✓			
Large Speedwell	<i>Veronica austriaca</i>			✓	✓						
Wild Mignonette	<i>Reseda lutea</i>			✓	✓						
White Mullein	<i>Verbascum</i> cfr. <i>lychnitis</i>			✓	✓						
A Bath asparagus	<i>sphaerocarpum</i>			✓	✓						
Hungarian Iris	<i>Iris variegata</i>			✓	✓			✓			
A Spurge	<i>Euphorbia flavicoma</i>			✓							
Tassel Hyacinth	<i>Leopoldia comosa</i>			✓							
Rough Clover	<i>Trifolium scabrum</i>			✓							
Hoary Plantain	<i>Plantago media</i>		✓	✓							
Purple Crownvetch	<i>Securigera varia</i>			✓							
White Horehound	<i>Marrubium vulgare</i>			✓							
Dwarf Elder	<i>Sambucus ebulus</i>			✓							
Heath-rose	<i>Fumana</i> cfr. <i>procumbens</i>			✓							
Eastern Prickly Juniper	<i>Juniperus deltoides</i>				✓						
Aleppo Pine	<i>Pinus halepensis</i>				✓						
Fig	<i>Ficus carica</i>				✓						
Old Man's Beard	<i>Clematis vitalba</i>				✓						
Jerusalem Thorn	<i>Paliurus spina-christi</i>				✓						
Wild Leek	<i>Allium</i> cfr. <i>ampeloprasum</i>				✓						
Chicory	<i>Cichorium intybus</i>				✓						
Pale Bugloss	<i>Echium italicum</i>				✓						
Reflexed Stonecrop	<i>Petrosedum</i> cfr. <i>rupestre</i>				✓						
Broad-leaved Sweet Pea	<i>Lathyrus latifolius</i>				✓						
Common Sage	<i>Salvia officinalis</i>				✓						
Common Poppy	<i>Papaver rhoeas</i>				✓						
Love-in-a-mist	<i>Nigella damascena</i>				✓						
Burnet Rose	<i>Rosa pimpinellifolia</i>				✓						
Hoary Mullein	<i>pulverulentum</i>				✓						
Three-awned Goat Grass	<i>Aegilops neglecta</i>				✓						
Purple Gromwell	<i>Lithospermum purpureocaeruleum</i>				✓						
Evergreen Rose	<i>Rosa sempervirens</i>				✓						
Night-flowering catchfly	<i>Silene noctiflora</i>				✓						
Sweet Autumn Clematis	<i>Clematis terniflora</i>				✓						
Downly Woundwort	<i>Stachys germanica</i>				✓						
European Stonecrop	<i>Petrosedum ochroleucum</i>				✓						
Narrow-leaved Clover	<i>Trifolium angustifolium</i>				✓						
Sea Plantain	<i>Plantago maritima</i>				✓						
Sharp Rush	<i>Juncus acutus</i>				✓						
Curry Plant	<i>Helichrysum italicum</i>					✓					
Johnson grass	<i>Sorghum halepense</i>					✓					
Pale Garlic	<i>Allium paniculatum</i>					✓					
Montpellier Maple	<i>Acer monspessulanum</i>					✓					
Bladder-senna	<i>Colutea arborescens</i>					✓					
Golden Flax	<i>Linum flavum</i>					✓					
Spanish Broom	<i>Spartium junceum</i>					✓					
Pink Rock-rose	<i>Cistus creticus</i>					✓					
Cyprus Turpentine	<i>Pistacia terebinthus</i>						✓				
Wooly Distaff Thistle	<i>Carthamus lanatus</i>							✓			

		June 2023								
Common name	Scientific name	5	6	7	8	9	10	11	12	
Tasteless Stonecrop	<i>Sedum sexangulare</i>						✓			
Cantabrian Bindweed	<i>Convolvulus cantabrica</i>						✓			
Three-awned Goat Grass	<i>Aegilops neglecta</i>						✓			
Small Bullwort	<i>Ammoides pusilla</i>						✓			
Honewort	<i>Trinia glauca</i>						✓			
Badassi	<i>Lotus dorycnium</i>						✓			
Mountain Kidney Vetch	<i>Anthyllis montana</i>						✓			
Burnet Rose	<i>Rosa pimpinellifolia</i>						✓			
May-lily	<i>Maianthemum bifolium</i>						✓			
Spiked Rampion	<i>Phyteuma spicatum</i>						✓			
Owl-head Clover	<i>Trifolium alpestre</i>						✓			
Spanish Salsify	<i>Pseudopodospermum hispanicum</i>						✓			
Hairy Canary Clover	<i>Dorycnium hirsutum</i>						✓			
Hoary Rock-rose	<i>Cistus creticus</i>					✓				
Montpelier Cistus	<i>Cistus monspeliensis</i>					✓				
Arabian Pea	<i>Bituminaria bituminosa</i>					✓				
Long-stalked Crane's-bill	<i>Geranium columbinum</i>						✓			
Grey Cinquefoil	<i>Potentilla cinerea</i>						✓			
Large Yellow Vetch	<i>Vicia grandiflora</i>							✓		
Smooth Solomon's Seal	<i>Polygonatum biflorum</i>							✓		
Ox-eye	<i>Buphthalmum salicifolium</i>							✓		
Alpine columbine	<i>Aquilegia alpina</i>							✓		
Drooping Bittercress	<i>Cardamine enneaphyllos</i>							✓		