

# France: Butterflies & Moths of the Vercors

Naturetrek Tour Report

12th – 19th July 2023



*Entephria cyanate*



Grisson's Fritillary



Purple Cloud



Southern Grizzled Skipper

Tour report by Paul Harmes, photos by Neil Sherman



Naturetrek

Mingledown Barn

Wolf's Lane

Chawton

Alton

Hampshire

GU34 3HJ

UK

T: +44 (0)1962 733051

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

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

Tour Participants: Paul Harmes & Pete Stevens (leaders) with 11 Naturetrek clients

## Day 1

Wednesday 12th July

### Travel London Heathrow to Lyon – La Chapelle en Vercors

Nine group members met with Paul and Pete at London Heathrow Terminal 5 for the 2.25pm British Airways flight BA362 to Lyon St. Exupéry Airport, arriving at 5pm, local time. Upon arrival, passport control and baggage reclaim were soon completed, and we made our way out to the arrivals concourse, where we met up with the last two group members who had arrived from Edinburgh. We now took the Shuttle-bus to the car-hire area, where our vehicles were waiting. Luggage was stowed and we boarded the minibuses for the journey down to the Vercors region.

We drove south-westwards on the A43, A48 and A49 Motorways, leaving the latter at St. Romans and making our way up onto the Vercors Plateau, through Pont en Royans. We soon arrived in La Chapelle en Vercors, at the comfortable and friendly Hotel Bellier, our base for the tour. Along the way we saw two Rook, Jackdaw, Wood Pigeon and a solitary Hare. At the hotel we were met by our host's daughter, Sandra, who quickly allocated our rooms. At 8pm, we met in the restaurant for dinner, during which Paul & Pete briefly outlined the week ahead for us. After the meal, Paul set up the main moth trap, and two group members set up their travelling traps.

## Day 2

Thursday 13th July

### Vassieux – Col de la Chau – Foret de Lent - St. Jean en Royans – Col de Carri

This morning the moth traps had plenty of interest. For the micros, there were Bird-cherry Ermine, the Pyralid *Synaphe punctailis*, the Elachisitid *Ethmia dodecea*, *Rhyacionia pinivorana*, two Crambids *Pyrausta purpuralis* and *P. sanguinalis*, Box Tree Moth, and the Crambids *Eudonia lacustrata* and *Catoptria falsella*. The macros were represented by Goat Moth, Privet Hawk-moth, Large Emerald, the Noctuid *Hoplodrina repersa*, Swallowtail Moth, Guernsey Underwing, Pale Shining Brown, Isle of Wight Wave, Handmaid, Black-V Moth, Purple Bar and Spanish Character. At 7am, Pete led a bird walk in the vicinity of the Hotel, finding Common Redstart, Black Redstart, Serin, Blackcap and Crested Tit.

After breakfast we left the hotel at 10am, and headed due south towards the village of Vassieux, where we visited the cemetery, where the victims of a Nazi reprisal against the Resistance in 1944 are buried. A brief examination of the adjacent track produced Small Skipper, Meadow Brown and Marbled White butterflies. Some stands of Dwarf Elder (*Sambucus ebulus*), along the margins of some arable fields opposite, added Sloe Hairstreak, Small Tortoiseshell, Great Banded Grayling, Small Heath and Weaver's Fritillary butterflies, as well as Isle of White Wave, Lewes Wave, Bright Wave and the Longhorn moth, *Nemophora metallica*. Rose Chafer, Great Green Bush-cricket and various Hoverflies were also recorded.

Moving up towards the Col de la Chau, we made a roadside stop by a tiny, roadside quarry, which traps the morning sun. Here we added Blue-spot Hairstreak Pearly Heath, Great Sooty Satyr, Apollo and Marbled White Butterflies, as well as Orange Wave. Common Buzzard was also seen, but the highlight was a family of three Golden Eagles, a youngster and its parents. Which circled above us for quite a few minutes. We also added Common Wall Lizard.

We now moved to the Forêt de Lente. An area of natural, mixed woodland and rough meadows, where we set off to explore. Meadow Brown, Brown Argus, Niobe Fritillary, Mountain Alcon Blue, Scarce Copper, Almond-eyed Ringlet and Small Blue butterflies were recorded as well as Lace Border, Burnet Companion and Isle of Wight Wave moths.

Pete and Paul now set up our picnic lunch, which we enjoyed in the warm sunshine.

After our meal we set off through the Route Combe Laval, a precipitous road, leading down to St. Jean en Royans, where Paul went off to do the week's picnic shopping, and Pete took the rest of the group to explore a rather rough field. Here we found Small Heath, Provencal Short-tailed Blue and Common Blue butterflies and Burnet Companion and Hummingbird Hawk-moth.

It was now time to start to make our way back to the hotel, pausing at the Col de la Machine to admire the view, and record Alpine Swift, House Martin and Crag Martin, before making our way down through the forest, stopping in some narrow woodland meadow near the Col de Carri. Here we found Black-veined White, Queen of Spain Fritillary, Marbled Fritillary, Spotted Fritillary, Heath Fritillary, Arran Brown, Green-veined White, Large Skipper and False Heath Fritillary. We also found several Bee Beetles, before returning to the Hotel to call the species list and supper, before the moth traps were set once again.

## Day 3

Friday 14th July

### Forêt Communale d'Autrans – Les Merciers – Les Bruyeres

At 6.30am we met to examine the contents of the moth traps. The catch included Brown-line Bright-eye, Tree Lichen Beauty, Common and Scarce Footman, Common Rustic, the Cossid *Acossus terebra*, Beautiful Brocade, Feathered Beauty, Barred Straw, Pine Hawk-moth, the Geometrid *Scotopteryx angularia*, Green Arches, Marbled Minor agg., Dark Umber, White Point, Heart and Dart, the Noctuids *Lamprosticta culta* and *Hoplodrina respersa*, Handmaid, Uncertain and Brussels Lace, for the macros. The micros were represented by the Pyralids *Synagphe punctalis* and *Dioryctria abietella*, the Crambids *Catoptria falsella* and *Catoptria pinella*, Common Plume, the Tortrix moths *Acleris forsskalearia* and *Celypha lacunana* and the Pyralid *Acrobasis marmorea*. Summer Chafers were a daily occurrence in the Traps.

Following a splendid breakfast, we headed north, through the Gorges de la Bourne and on up towards Villard de Lans, turning left at Les Jerrands, towards Maudre, making our way onto the Route Forestale d'Autrans, a rough track through the Forêt Communale d' Autrans. Unfortunately, the access gate to the forest road was locked, so we parked and entered the woodland on foot. Before we set off, we looked at the walls of the Refugio, finding Feathered Beauty, Shark agg., Oak Eggar and White Satin moths.

The track is a metalled road meandering through the forest, and punctuated by patches of open, sunny clearings. As we progressed, Silver-ground Carpet was found together with Brown Plume, Small Goldenrod Plume, Yellow Shell and *Pyrausta coracinalis*. In addition, there were also Titania's Fritillary, Arran Brown, Meadow Brown, Large Skipper and Silver-washed Fritillary butterflies. Chaffinch was frequently heard, and we also heard Crossbill. Also noted were Buff-tailed Bumble Bee, Honeybee and Drone Fly.

We now rejoined our vehicles for the short drive to the hamlet of Les Merciers, near Lans en Vercors. Here Pete and Paul set up our picnic, which we enjoyed sat under the shade of some trees.

After eating, we explored an ascending woodland footpath path, a quiet lane's rocky verges and an open sub-alpine rocky field. Butterflies recorded here included High Brown Fritillary, Wood White, Southern White Admiral, Woodland Grayling, Scotch Argus, Heath Fritillary, Pearly Heath, Tufted Marbled Skipper, Scarce Copper, Idas Blue and Large Wall Brown. Moths included the Pyralid *Synaphe punctailis*, the Crambid *Chrysoteuchia culmella*, Six-spot Burnet and Broad-bordered Bee Hawk-moth. As we were returning to our vehicles, we had superb views of a Short-toed Snake Eagle sitting in a tree and taking off.

We made brief stop at Les Bruyers, on our way back, but we added nothing new for Lepidoptera. However, we did see Broad-bodied Chaser, Four-spot Chaser, Golden-ringed and Blue Emperor dragonflies and Beautiful Demoiselle, Azure Bluet, Large Red and Common Bluet damselflies, in a small pond, and Carrion Crow and Red Kite were seen, and Pete heard a Marsh Warbler

## Day 4

Saturday 15th July

### Route Presles – Forêt des Coulmes – Pont en Royans

Today's catch in the moth traps included Feathered Beauty, Clouded Bordered Brindle, Green Arches, Double Square Spot, Heart and Dart, Brimstone Moth, Latticed Heath, Tree Lichen Beauty, Scarce Footman, the Geometrid *Gnophos furrata*, Rustic agg. Rosy Footman, Early Thorn, Dark Arches, Large Yellow Underwing, Light Arches, Uncertain, Rusty-shouldered Pug, Least Carpet, the Yellow Underwing *Noctua tirrenica*, Cloaked Minor [*bicoloria*], Four-spotted Footman, Marbled Minor agg., and The Clay, for the macros. Micros were Diamond-back Moth, the Pyralids *Endotrichia flamealis*, *Phycita roborella* and *Acrobasis consociella*, the Crambids *Catoptria falsella*, *Catoptria pinella*, *Pyrausta despicata*, the migrant *Uresiphita gilvata* and Rusty-dot Pearl, and the Tortrix *Cydia fagiglandana*, *Pammene aurita* and, Codling Moth. Other insects in the trap were Forest Bug, the Leafhopper *Ledra aurita*, Green Lacewing and Harlequin Ladybird

With most of the catch identified and breakfast complete, we left La Chapelle en Vercors and drove north-west, to where we turned west through the tunnel of the Grand Goulets and down to St. Eulalie en Royans, via the Petit Goulets then north of Pont en Royans, where we again turned west and began to climb up towards the Route de Presles. This is a magnificent limestone cliff formation, over-looking the Commune de Chatelus and the valley of the River Bourne. We made our first stop about three-quarters of the way up, where we explored the banks and meadows beside a quiet lane. Here we found Marbled White, Woodland Grayling, Pearly Heath, Wall brown, Great banded Grayling, Berger's Clouded Yellow, Dingy Skipper, Reverdin's Blue, Mallow Skipper, Small Blue and Common Blue butterflies. Moths included Bright Wave, Burnet Companion, Southern Six-spot Burnet, and Jersey Tiger. We also saw Cicada, Fire Bug, Great Green Bush-cricket, Red-winged Grasshopper, Common Wall Lizard, Alpine Swift and Blue Tit.

After spending some time exploring, we drove on up through Presles into the Forêt Domaniale des Coulmes, to a picnic site at the Fontaine de Petouze. Whilst our leaders prepared our picnic, we explored some large, rough, grassy clearings finding Scarce Copper, Heath Fritillary and False Heath Fritillary butterflies. After eating, we continued our explorations, adding Lesser Marbled Fritillary, Southern White Admiral, Scarce Swallowtail, Silver-washed Fritillary, Marbled White, Provincial Short-tailed Blue, several Grison's Fritillary and a 'fly-by' from a

solitary Poplar Admiral. Moths included Scarce Bordered Straw, Rose-banded Wave, Shaded Broad-bar, Drab Looper, the Longhorn Moth *Nemophora metallica*, the Crambid *Crambus staminella* and the Fan-foot *Polypogon tentacularia*. Rose Chafer and Bee Beetle were also recorded.

With our explorations complete, we moved back down, past the high cliffs of the Rocher de Presles, retracing our morning route towards Pont en Royans, where we parked. Here, we found an Artisan ice-cream shop, whose wares we enjoyed, overlooking the River Bourne. Cleopatra butterfly was new, and we also had good views of Crag Martin and House Martin.

On our way back to the Hotel, we made a short stop at Chabertiere, on the road to St. Agnan, to see if we could find any different Dragonflies or Damsels. However, the only addition for the day was Clouded Yellow butterfly.

We now drove back to La Chapelle en Vercors for dinner.

## Day 5

Sunday 16th July

### La Chapelle en Vercors - Réserve Naturelle des Hauts Plateaux du Vercors

Another good morning at the moth traps produced Round-winged Muslin, Scarce Blackneck, Pine Tree Lappet, Smokey Wainscot, Riband Wave, Red-necked Footman, Royal Mantle, Common Carpet, Lunar Thorn, Black-V Moth, Speckled Beauty, Grey Arches, Guernsey Underwing, Dark Arches, Rose-banded Wave, Uncertain, Marbled Minor agg., Pine Hawk-moth, Brown-line Bright-eye, Black Arches, Coronet, Small Elephant Hawk-moth, Common Footman, Varied Coronet, Four-spotted Footman, Heart and Dart, the Noctuid *Hoplodrina respersa*, Rustic agg., Double Square Spot, Mottled Beauty, Beautiful Hook-tip, Latticed Heath and Blair's Mocha for the macros. For the micros, there were the Oecophorid *Crassa unitella*, Pyralids *Synaphe punctalis*, *Assara terebrella*, *Homoeosoma sinuella* and *Acobasis advenella*, the Crambids Garden Grass Veneer, Small Magpie, and Rusty-dot Pearl, the Tortricids *Celypha striana*, *Agapeta hamana*, and Brown-barred Tortrix. Common Plume and White Plume were also present. Also reported in the hotel grounds were Common Swift, Blackcap, Goldfinch, Serin, Green Woodpecker, House Sparrow, Crested Tit, Black Redstart and Common Redstart.

Following Breakfast, we all met up in the hotel car park for a morning, circular walk around La Chapelle en Vercors. Our route took out of the rear entrance to the hotel, down towards the school, along a field margin track to the road leading to the Col de Rousett. We explored a scrubby hillside and then made our way back into the village. Along the route the birds recorded included Serin, Goldfinch, White Wagtail, Chaffinch, Common Buzzard, Red-backed Shrike, Jay, Raven and Barn Swallow, and Green Woodpecker and Blackcap were heard. Butterflies were represented by Mazarine Blue, Brown Argus, Small White, Meadow Brown, Marbled White, Chalkhill Blue, Great Sooty Satyr, Red Admiral, Small Heath and Large White. In addition, we also noted Hummingbird Hawk-moth, Carpenter Bee, Honeybee and Rose Chafer.

Upon our return to the hotel, we joined our vehicles and headed south through St. Agnan en Vercors before turning left and making our way up along the forest road to the Réserve Naturelle des Hauts Plateaux du Vercors, where we parked in the newly constructed car park at La Coche, where our leaders set up our picnic lunch.

It was a hot, bright, sunny afternoon as we set off to explore the forest tracks and woodland clearings which make up the two-kilometre route to the higher, open section of the plateau, and it was not long before we made our first

sightings. Numerous Apollo butterflies were seen, as well as Large Grizzled Skipper, Silver-washed Fritillary, Red Underwing Skipper, Dingy Skipper, Black-veined White, Speckled Wood, Wall Brown, Dark Green Fritillary, Scotch Argus and Ringlet. As we arrived at our objective Alpine Marmot were seen, close to their burrow and Citril Finch, Honey Buzzard and Golden Eagle were added. On the descent we added Pearly Heath, Dark Green Fritillary, Heath Fritillary, Grayling, Painted Lady, Great Banded Grayling, False Heath Fritillary and Almond-eyed Ringlet. During our time here Brown Plume, Six-spot Burnet, Oak Eggar, Bright Wave, Shaded Broad-bar, Chimney Sweeper and Scarce Bordered Straw moths were all seen.

It was now time to Make our way back to base for dinner.

## Day 6

Monday 17th July

### Pas de l'Oeille

Once again, our expectations as to what might appear in the moth traps, were realised. For the macros there was Tawny Prominent, Angle Shades, Common Carpet, Iron Prominent, Willow Beauty, Swallow Prominent, the Noctuid *Lamprosticta culta*, White Speck, Lydd Beauty, Silvery Arches, Cudweed, Dewick's Plusia, Riband Wave, Tawny-speckled Pug, Pale-shouldered Cloud, Phoenix, Double Square Spot and Black Arches. For the micros we recorded the Crambids *Cynaeda dentalis*, *Scoparia basistrigalis*, *Catoptria pinella* and Small Magpie, the Pyralids *Euzophora pinguis*, *Dioryctria abietella*, *Oncocera semirubella*, Thistle Ermine, and *Endotrichia flamealis*, and the Tortricoids *Acleris forsskalearia*, Brown-barred Tortrix, *Cylepha striana*, *Cydia fagiglandana* and *Pammene aurita*.

The principal objective for today was to make a walk up toward the Pas de l'Oeille, above Villard de Lans. After breakfast we drove up to the low-level cable-car station at Le Balcon Cote 2,000 and caught the cable-car to L'Altitude 2,000 upper station at 1,720 metres. At the cable-car station, we checked out the lights around the buildings to see if any moths had roosted on the walls, and we found The Carpet moth *Entephria infidaria*.

We now began to make our way up the well-signposted track. The path to the Pas de l'Oeille was uneven, and undulating, but not too difficult, and as we went, we recorded Common Brassy Ringlet, Silver-studded Blue, Mountain Clouded Yellow, False Heath Fritillary, Almond-eyed Ringlet and Sooty Copper [*subalpinus*]. A rocky cliff-face had another Carpet Moth, *Entephria cyanate* and there were also Yellow-banded and Burnet Companion. Some of the group moved forward with Pete, in search of birds and mammals. It was not too long before they located Chamois and Alpine Marmot, together with Citril Finch, Raven, Linnet, Griffon Vulture and Short-toed Snake Eagle. As we progressed towards our pre-arranged lunch spot, we added Mountain Ringlet, Geranium Argus, Arran Brown, Large Blue, Damon Blue, Common Blue and Brown Argus butterflies, as well as Dew Moth, Silver-Y, Scarce Bordered Straw and Silver-ground Carpet moths.

Our lunch spot was situated when we had uninterrupted views of the mountains, as well as a well-vegetated open gully area below us. Before long Pete spotted Alpine Chough and a very distant Alpine Ibex. There were also Black Redstart and more Linnets. After eating, some of the group worked their way back to towards the cable car, with Pete, adding Crested Tit to the bird count, whilst the remaining members of the group remained with Paul to explore the gully. Here we recorded, Mountain and Berger's Clouded Yellows, Painted Lady, Small Tortoiseshell, Meadow Brown, Marbled White and De Prunner's Ringlet, Purple Treble-bar. Common Heath Moth, Wood Tiger, Common Wave, Brown-line, Bright-eye and Orange Wave together with the Tortrix *Eana argentella* moth were also

seen. As we made our way back to join the rest of the group, we added Hummingbird Hawk-moth and Turquoise Blue butterfly.

By mid-afternoon, we found ourselves back at the refugio, with other group members, for refreshments, before taking the cable-car back down the mountain. At the car park, on our way to re-join our vehicle, a very fresh Damon Blue was found on damp mud beside the pathway.

We now made our way back to the hotel in time to pack for dinner. After the meal, the moth traps were set.

## Day 7

Tuesday 18th July

### Col de la Batille - Gigors - Col de Bacchus

Today in the traps we had Green Arches, Speckled Beauty, Galium Carpet, Light Emerald, Oak Egger [F], Least Carpet, Peppered Moth, Mullein Wave, Bright Wave, Waved Black, Dark Umber, Goat Moth, Pine Hawk-moth, Small Emerald, Red Twin-spot Carpet, Poplar Hawk-moth, The Passenger, Swallow Prominent, the Prominent *Drymonia querna* and Scarce Black-neck for the macros. For the micros there were the Crambids, Box Tree Moth, *Cynada dentalis*, *Scoparia basistigalis*, *Eudonia mercurella*, the Tortricoids *Hedya nubiferana*, *Eucosma cana*, Rusty-dot Pearl, *Agapeta hamana*, *Eana argentana*, *Epiblemma foenella*, the Gelechiid *Helcystogramma rufescens* and the Pyralids *Dioryctia abietella*, Thistle Ermine and *Oncocera semirubella*. In addition, we had a splendid Spruce Longhorn Beetle, which was attracted to the trap light.

With Breakfast over, we set off toward Gigors, to the south-west, and off the Vercors plateau at an altitude of c.400m above sea-level. Our route took us through the Foret de Lente and over the Col de la Batille, where we made a brief stop to enjoy the spectacular views. Small Tortoiseshell and False Heath Fritillary were seen, before we continued on to Beaufort sur Gervanne, where we turned left and made our way to the pine woods and rough grassland of Gigors, where we parked in the shade of the pines. This lower altitude also meant that we had some very high temperatures.

Setting off to explore, it was not long before we began to find butterflies. Queen of Spain Fritillary, Marbled White, Spotted Fritillary, Scarce Swallowtail, Woodland Grayling and, occasionally seen in flight high among the oak trees, Purple Hairstreak were all early finds. Our next new species were a solitary Long-tailed Blue followed by Mallow Skipper, Sooty Copper [*tityrus*] and Lulworth Skipper. Day-flying Moths included Marbled Clover, Tawny Wave, Forester, Middle Lace Border and *Idaea circuitaria*. As we went, Small Copper, Reverdin's Blue, Weaver's Fritillary Sloe Hairstreak, Common Blue, Silver-washed Fritillary, Comma and Wood White.

We took our lunch in the shade of the trees by our vehicles, before beginning our return journey.

We retraced our route back to the Col de Bacchus, where we made a short stop to examine the margins of a hay field and the rocky verges of a lane. Large Skipper, Pearly Heath, Grayling, Scarce Copper and Holly Blue were recorded before we moved on to Leoncel, where we stopped for much-needed refreshments,

Our final stop of the day was in the Foret de Lente, to examine a large stand of Dwarf Elder (*Sambuchus ebulus*). This produced Comma, False Heath Fritillary, Large Skipper, Silver-washed Fritillary, Small Heath, Large White,



Green-veined White, Ringlet, Arran Brown, Speckled Wood and Scarce Swallowtail butterflies. Other invertebrates included Lesser Drone Fly, Hornet Hover Fly and the Longhorn Beetles *Rutpela maculata* and *Stenurella melanura*.

From here we returned to the hotel in time for a wash and brush up before homework, lists and dinner. Tonight, for the last time, we set the moth traps.

## Day 8

Wednesday 19th July

Below the Col de la Chau – Lyon St. Exupery.

The final mornings moth traps produced, Pine Tree Lappet, Elephant Hawkmoth, Beautiful Brocade, Dun-bar, Ground Lackey, Spanish Character, Black V, Leopard, Small Ranunculus, Black Arches, Maple Pug, Clouded Brindle, Pale Prominent, Clay, Broad-bordered Yellow Underwing, Chalk Carpet, Golden Twin-spot, Jersey Tiger, Blood-vein, Mouse Moth, Light Crimson Underwing, Round-winged Muslin, Lesser Common Rustic, Scarce Brindle and Sweet Gale Moth for the macros. Micros included the Crambids Rusty-dot Pearl, *Paratalanta hyalinalis*, *Catoptria margaritella*, Box Tree Moth, the Scythrid *Schthris scopolella*., the Elachistid *Ethmia dodecea*, The Tortrix *Epinotia nizella* and the Pyralids *Dioryctria scheutzeella*, *Acrobasis marmorea* and *Assara terebrella*.

After breakfast, we made our way back to a spot, just below the Col de la Chau, where we examined another large patch of *Sambucus ebulus* (Dwarf Elder). Great Sooty Satyr, Great Banded Grayling, Meadow Brown, Grayling, Southern White Admiral, Pearly Heath, Marbled Fritillary, Holly Blue, Scarce Copper, Wall Brown, Small Skipper, Blue-spot Hairstreak, Dusky Meadow Brown and Weaver's Fritillary butterflies were seen, together with Scarlet Tiger, Southern Six-spot Burnet, Common Footman and Burnet Companion moths. Other invertebrates included Great Green Bush Cricket, Hornet Hover Fly and Pellucid Hover Fly. Tree Pipit was seen, and Black Woodpecker was heard.

We now returned to our hotel, where our leaders set up a picnic in the garden. Once we had finished our lunch, we stowed our bags and bade farewell to Fabienne and her daughters, and started our journey back to Lyon, for the flight home.

N.B. Thanks go to Neil Sherman and John Chainey for bringing additional moth traps, and for their identification skills. Additional thanks go to Neil for agreeing to provide the photographs for this report.



Titiana's Fritillary and *Bembecia (albanensis) psoraleae*



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## Species lists

### Butterflies

		July 2023							
Common name	Scientific name	12	13	14	15	16	17	18	19
<b>T* = An aggregate species accurately determined</b>									
	<b>Papilionidae</b>								
Swallowtail	<i>Papilio machaon</i>			✓		✓			
Scarce Swallowtail	<i>Iphiclides podalirius</i>		✓	✓	✓	✓		✓	✓
Apollo	<i>Parnassius apollo</i>		✓	✓		✓		✓	
	<b>Pieridae</b>								
Black-veined White	<i>Aporia crataegi</i>		✓	✓		✓	✓	✓	
Large White	<i>Pieris brassicae</i>		✓	✓	✓	✓	✓	✓	✓
Small White	<i>Pieris rapae</i>		✓			✓		✓	
Green-veined White	<i>Pieris napi</i>		✓	✓	✓	✓		✓	
Bath White	<i>Pontia daplidice</i>							✓	
Mountain Clouded Yellow	<i>Colias phicomone</i>						✓		
Clouded Yellow	<i>Colias crocea</i>		✓		✓	✓		✓	✓
Berger's Clouded Yellow	<i>Colias alfacariensis</i>				✓	✓	✓		
Brimstone	<i>Gonepteryx rhamni</i>			✓		✓	✓	✓	✓
Cleopatra	<i>Gonepteryx cleopatra</i>				✓	✓			✓
Wood White	<i>Leptidea sinapis</i>			✓	✓	✓	✓	✓	✓
	<b>Lycaenidae</b>								
Purple Hairstreak	<i>Favonius quercus</i>							✓	
Sloe Hairstreak	<i>Satyrus acaciae</i>		✓		✓			✓	
Blue-spot Hairstreak	<i>Satyrus spini</i>		✓	✓		✓			✓
Small Copper	<i>Lycaena phlaeas</i>			✓	✓			✓	
Scarce Copper	<i>Lycaena virgureae</i>		✓	✓	✓		✓	✓	✓
Sooty Copper	<i>Lycaena tityrus tityrus</i>							✓	
Sooty Copper - (Alpine Form)	<i>Lycaena tityrus subalpinus</i>						✓		
Purple-edged Copper	<i>Lycaena hippothoe eurydame</i>						✓		
Long-tailed Blue	<i>Lampides boeticus</i>							✓	
Provençal Short-tailed Blue	<i>Cupido alcetas</i>		✓		✓				

Common name	Scientific name	July 2023							
		12	13	14	15	16	17	18	19
Small Blue	<i>Cupido minimus</i>		✓		✓		✓	✓	
Holly Blue	<i>Celastrina argiolus</i>						✓	✓	✓
Mountain Alcon Blue	<i>Phengaris alcon rebeli</i>		✓						
Large Blue	<i>Phengaris arion</i>						✓		
Silver-studded Blue	<i>Plebejus argus</i>					✓	✓	✓	
Idas Blue	<i>Plebejus idas</i>			✓					
Reverdin's Blue	<i>Plebejus argyrognomon</i>		✓	✓	✓			✓	
Geranium Argus	<i>Aricia eumedon</i>						✓		
Brown Argus	<i>Aricia agrestis</i>		✓	✓	✓	✓	✓	✓	
Mazarine Blue	<i>Cyaniris semiargus</i>		✓	✓		✓	✓		
Damon Blue	<i>Polyommatus damon</i>						✓		
Turquoise Blue	<i>Polyommatus dorylas</i>						✓		
Chalk-hill Blue	<i>Polyommatus coridon</i>			✓		✓			
Adonis Blue	<i>Polyommatus bellargus</i>					✓		✓	
Common Blue	<i>Polyommatus icarus</i>		✓	✓	✓	✓	✓	✓	✓
	<b>Nymphalidae</b>								
Poplar Admiral	<i>Limenitis populi</i>				✓				
Southern White Admiral	<i>Limenitis reducta</i>			✓	✓			✓	✓
Red Admiral	<i>Vanessa atalanta</i>			✓		✓	✓	✓	
Painted Lady	<i>Vanessa cardui</i>			✓		✓	✓		
Small Tortoiseshell	<i>Aglais urticae</i>		✓		✓		✓		
Comma Butterfly	<i>Polygonia c-album</i>		✓	✓	✓	✓		✓	✓
Silver-washed Fritillary	<i>Argynnis paphia</i>			✓	✓	✓		✓	✓
Dark Green Fritillary	<i>Speyeria aglaja</i>				✓	✓	✓		
High Brown fritillary	<i>Fabriciana adippe</i>			✓	✓	✓			
Niobe Fritillary	<i>Fabriciana niobe</i>		✓						
Queen of Spain Fritillary	<i>Issoria lathonia</i>		✓	✓	✓	✓	✓	✓	
Marbled Fritillary	<i>Brenthis daphnae</i>		✓						✓
Lesser Marbled Fritillary	<i>Brenthis ino</i>				✓				
Pearl-bordered Fritillary	<i>Boloria euphrosyne</i>					✓			
Titania's Fritillary	<i>Boloria titania</i>			✓					
Weaver's Fritillary	<i>Boloria dia</i>		✓					✓	✓
Glanville Fritillary	<i>Melitaea cinxia</i>							✓	
Spotted Fritillary	<i>Melitaea didyma</i>		✓					✓	
False Heath Fritillary	<i>Melitaea diamina</i>		✓		✓	✓	✓	✓	
Heath Fritillary	<i>Mellicta athalia</i>		✓	✓	✓	✓			✓
Grison's Fritillary	<i>Mellicta varia</i>			✓	✓				
Marbled White	<i>Melanargia galathea</i>		✓	✓	✓	✓	✓	✓	✓
Woodland Grayling	<i>Hipparchia fagi</i>			✓	✓	✓		✓	✓
Rock Grayling	<i>Hipparchia alcyone</i>				✓	✓			
Grayling	<i>Hipparchia semele</i>					✓		✓	✓
Great Sooty Satyr	<i>Satyrus ferula</i>		✓	✓		✓			✓
Great Banded Grayling	<i>Brintesia circe</i>		✓	✓	✓	✓	✓	✓	✓
Arran Brown	<i>Erebia ligea</i>		✓	✓	✓		✓	✓	
Mountain Ringlet	<i>Erebia epiphron</i>						✓		
Scotch Argus	<i>Erebia aethiops</i>			✓	✓	✓			
de Prunner's Ringlet	<i>Erebia triaria</i>						✓		
Almond-eyed Ringlet	<i>Erebia albertanus</i>		✓			✓	✓		
Common Brassy Ringlet	<i>Erebia cassioides</i>						✓		
Meadow Brown	<i>Maniola jurtina</i>		✓	✓	✓	✓	✓	✓	✓
Dusky Meadow Brown	<i>Maniola lycaon</i>								✓

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Ringlet	<i>Aphantopus hyperantus</i>				✓			✓	
Gatekeeper	<i>Pyronia tithonus</i>		✓					✓	✓
Small Heath	<i>Coenonympha pamphilus</i>		✓	✓	✓	✓	✓	✓	✓
Pearly Heath	<i>Coenonympha arcania</i>		✓	✓	✓	✓		✓	✓
'Southern' Speckled Wood	<i>Pararge aegeria aegeria</i>		✓	✓		✓		✓	
Wall Brown	<i>Lasiommata megera</i>		✓	✓	✓	✓	✓	✓	✓
Large Wall Brown	<i>Lasiommata maera</i>			✓	✓			✓	
	<b>Hesperiidae</b>								
Southern Grizzled Skipper	<i>Pyrgus malvoides</i>		✓						
Large Grizzled Skipper	<i>Pyrgus alveus</i>					✓	✓		
Red-underwing Skipper	<i>Spialia sertorius</i>		✓			✓			
Mallow Skipper	<i>Carcharodus alceae</i>				✓			✓	
Tufted Marbled Skipper	<i>Carcharodus flocciferus</i>			✓					
Dingy Skipper	<i>Erynnis tages</i>				✓	✓	✓	✓	
Lulworth Skipper	<i>Thymelicus acteon</i>				✓			✓	
Essex Skipper	<i>Thymelicus lineolus</i>		✓	✓	✓	✓			
Small Skipper	<i>Thymelicus sylvestris</i>		✓	✓	✓	✓		✓	✓
Large Skipper	<i>Ochlodes sylvanus</i>		✓	✓	✓	✓	✓	✓	✓

Moths (C = Caterpillar, F = Field, LM = Leaf Mines, N = Nymph, T = Moth Trap, S = Signs)

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		12	13	14	15	16	17	18	19
<b>Micros.</b>									
Nepticulid	<i>Stigmella aceris</i>	LM							
Adelid	<i>Nemophora metallica</i>		F	F	F				
Bagworm	<i>Psyche casta</i>						Cas e		
Tineid	<i>Tinea trinotella</i>								T
Gracillariid	<i>Aspilapteryx tringipennella</i>					T			T
Horse-chestnut Leaf-miner	<i>Cameraria ohridella</i>	LM	LM	LM	LM	LM	LM	LM	LM
Bird-cherry Ermine	<i>Yponomeuta evonymella</i>		T			T	T	T	T
Argyresthiid	<i>Aegysthia bonnetella</i>					F			
Diamond-backed Moth	<i>Plutella xylostella</i>			T		T	T		
Ypsolophid	<i>Ypsolopha scabrella</i>					T	T		T
Autostchid	<i>Oegoconia</i> sp.						T		
Blastobasid	<i>Blastobasis rebeli</i>		T						
Blastobasid	<i>Blastobasis phycidella</i>		T			T			
Brown House Moth	<i>Hofmannophila pseudospretella</i>						T	T	
Oecophorid	<i>Herrichia excelsella</i>					T			
Oecophorid	<i>Crassa unitella</i>			F		T			
Oecophorid	<i>Harpella forficella</i>		T				T		
Oecophorid	<i>Pleurota aristella</i>								F
Oak Longhorned	<i>Carcina quercana</i>							T	
Elachistid	<i>Agonopterix kaekeritziana</i>					F			
Elachistid	<i>Ethmia dodecea</i>		T			T		T	T
Elachistid	<i>Ethmia bipunctella</i>					T			T
Coleophorid	<i>Coleophora mayrella</i>		T				T		
Scythrid	<i>Scythris scopolella</i>		T		T	T/F		T	T
Cosmopterigid	<i>Cosmopterix pulcherimella</i>		T			LM			
Gelechiid	<i>Anarsia innoxia</i>		T			T		T	

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Gelechiid	<i>Dichomeris limosella</i>					T			
Gelechiid	<i>Athrips mouffetella</i>					T			
Gelechiid	<i>Helcystogramma rufescens</i>						T	T	T
Gelechiid	<i>Acompsia maculosella</i>							T	
Pterophorid	<i>Stenoptilia</i> sp. 1			F	F	F			
Pterophorid	<i>Stenoptilia</i> sp. 2							T	
Depressariid	<i>Orophia sordidella</i>							T	
White Plume Moth	<i>Pterophorus pentadactyla</i>					T			
Thyme Plume	<i>Merrifieldia leucodactyla</i>				F				
Small Goldenrod Plume	<i>Hellinsia osteodactylus</i>			F					
Common Plume	<i>Emmelina monodactyla</i>		T	T	T	T	T	T/F	T
Tortrix	<i>Agapeta hamana</i>		F			T	T	T	T/F
Tortrix	<i>Agapeta zoegana</i>				F				
Tortrix	<i>Neocochyliis hybridella</i>							T	T
Tortrix	<i>Neocochyliis dubitana</i>							T	
Tortrix	<i>Neocochyliis molliculana</i>			T					
Tortrix	<i>Aethes tesserana</i>								T
Tortrix	<i>Aethes beatricella</i>			T					
Maple Button	<i>Acleris forsskalearia</i>		T			T			
Tortrix	<i>Paramesia gnomana</i>					F			
Tortrix	<i>Eana argentana</i>					F	F	T	
Tortrix	<i>Pseudargyrotoza conwagana</i>					T			
Red-barred Tortrix	<i>Ditula angustiorana</i>					T	T		
Tortrix	<i>Epagoge grotiana</i>		T	T		T			
Large Fruit-tree Tortrix	<i>Archips podana</i>				T				
Dark Fruit Tree Tortrix	<i>Pandemis heparana</i>								T
Marbled Orchard Tortrix	<i>Hedya nubiferana</i>							T	T
Tortrix	<i>Celypha striana</i>		T	T	T/F	T	T	T	T
Tortrix	<i>Celypha lacunana</i>		T	T	F	T	T/F	T	T
Tortrix	<i>Ancylis achatana</i>								T
Bud Moth	<i>Spilonota ocellana</i>				T				T
Tortrix	<i>Epinotia nisella</i>								T
Tortrix	<i>Epinotia nigricana</i>						T		
Tortrix	<i>Epinotia tedella</i>						F		
Tortrix	<i>Eucosma conterminana</i>		T			T	T	T	T
Tortrix	<i>Eucosma cana</i>							T	T
Tortrix	<i>Epiblema foenella</i>							T	
Tortrix	<i>Notocelia roborana</i>						T		T
Bramble Shoot Moth	<i>Notocelia uddmanniana</i>			F					
Tortrix	<i>Rhyacionia pinicolana</i>		T						T
Tortrix	<i>Cydia fagiglandana</i>		T	T	T	T	T	T	T
Tortrix	<i>Cydia splendana</i>		T						
Tortrix	<i>Cydia inquinatana</i>						T		
Codling Moth	<i>Cydia pomonella</i>		T	T	T		T	T	T
Tortrix	<i>Lathronympha strigana</i>			F					
Tortrix	<i>Pammene aurita</i>				T	T		T	T
Pyralid	<i>Ematheudes punctellus</i>								F
Pyralid	<i>Synaphe punctalis</i>		T	T/F	T/F	T	T	T	T
Meal Moth	<i>Pyralis farinalis</i>							T	
Large Tabby	<i>Aglossa pinguinalis</i>						F		
Pyralid	<i>Endotricha flammealis</i>		T	T	T	T	T	T	T/F

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Pyralid	<i>Pempeliella ornatella</i>								T
Pyralid	<i>Pempelia palumbella</i>		T						
Pyralid	<i>Pempelia genistella</i>					T			
Pyralid	<i>Oncocera semirubella</i>		T		T/F		T	T	T
Pyralid	<i>Etiella zinckenella</i>					T			T
Pyralid	<i>Dioryctria abietella</i>		T	T	T	T	T	T	T
Pyralid	<i>Dioryctria scheutzcella</i>								T
Pyralid	<i>Phycita roborella</i>		T		T			T	T
Pyralid	<i>Acrobasis consociella</i>				T		T		T
Pyralid	<i>Acrobasis suavelle</i>					T	T	T	T
Pyralid	<i>Acrobasis advenella</i>					T	T	T	T
Pyralid	<i>Acrobasis marmorea</i>		T	T	T	T			T
Thistle Ermine	<i>Myelois circumvoluta</i>					T	T	T	T
Pyralid	<i>Assara terebrella</i>		T	T	T	T	T		T
Pyralid	<i>Euzophera pinguis</i>			T		T	T	T	T
Pyralid	<i>Homoeosoma sinuella</i>					T		T	T/F
Pyralid	<i>Ephestia welseriella</i>							T	
Pyralid	<i>Ephestia sp.</i>		T	T	T	T	T	T	T
Crambid	<i>Scoparia ambigualis</i>		T	T	T	T			
Crambid	<i>Scoparia basistrigalis</i>			T	T	T	T	T	T
Crambid	<i>Scoparia pyralella</i>						T		
Crambid	<i>Eudonia lacustrata</i>		T	T	T	T	T	T	T
Crambid	<i>Eudomia mruana</i>						F		
Crambid	<i>Eudomia truncicolella</i>						T		
Crambid	<i>Eudonia delunella</i>					T			
Crambid	<i>Eudonia mercurella</i>		T	T	T	T	T	T	
Box Tree Moth	<i>Cydalima perspectalis</i>		T	T	T	T	T	T	T
Garden Grass Veneer	<i>Chrysoteuchia culmella</i>		T	T	T/F	T/F		T	
Crambid	<i>Crambus pascuella</i>							T	
Crambid	<i>Crambus perllella</i>						T	T	
Crambid	<i>Agriphila straminella</i>				F	T		F	
Crambid	<i>Catoptria permutatellus</i> agg.		T	T	T	T	T	T	T
Crambid	<i>Catoptria europaeica</i>							T	
Crambid	<i>Catoptria conchella</i>						F/T		
Crambid	<i>Catoptria pyramidellus</i>						F		
Crambid	<i>Catoptria pinella</i>		T	T	T	T	T	T	T
Crambid	<i>Catoptria mytilella</i>								T
Crambid	<i>Catoptria falsella</i>		T	T	T	T	T	T/F	T
Crambid	<i>Pediasia contaminella</i>				T			T	
Crambid	<i>Cynaeda dentalis</i>		T		T		T	T	T
Crambid	<i>Evergrestis sophialis</i>						F		
Crambid	<i>Evergrestis aenealis</i>						F		
Mint Moth	<i>Pyrausta aurata</i>			T		T		T	T
Crambid	<i>Pyrausta coracinalis</i>		T	F	F	T			
Crambid	<i>Pyrausta purpuralis</i>		T/F				T		T
Crambid	<i>Pyrausta sanguinalis</i>		T						T
Crambid	<i>Pyrausta despicata</i>				T		T	T	
Crambid	<i>Sitochroa verticalis</i>		F			F		F	
Crambid (migrant)	<i>Uresiphita gilvata</i>				T		T		T
Small Magpie	<i>Anania hortulata</i>		T		T	T	T	T	T
Crambid	<i>Anania terrealis</i>								T



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Crambid	<i>Anania crocealis</i>		T			T			
Crambid	<i>Anania funebris</i>					F			
Crambid	<i>Anania fuscalis</i>					F			
Crambid	<i>Paratalanta hyalinalis</i>		T	T/F			T	T	T
Crambid	<i>Udea alpinalis</i>						T		
Crambid	<i>Udea lutealis</i>		F			T			
Crambid	<i>Udea nebulalis</i>			F		F	F		
Crambid	<i>Udea rhododendronalis</i>						F		
Rusty-dot Pearl	<i>Udea ferrugalis</i>		T/F	T	T	T	T	T	T
Olive Tree pearl	<i>Palpita vitrealis</i>					T	T		T
<b>Macros.</b>									
Goat Moth (type)	<i>Acosus terebra</i>		T	T	T	T	T		
Goat Moth	<i>Cossus cossus</i>		T	T	T	T	T	T	T
Leopard Moth	<i>Zeuzera pyrrina</i>		T			T	T	T	T
Festoon	<i>Apoda limacodes</i>					T		T	T
Six-belted Clearwing	<i>Bembecia ichneumoniformis</i>		F						
Clearwing	<i>Bembecia psoraleae</i> (B. <i>albanensis</i> )							F	
Cistus Forester	<i>Adscita geryon</i>					F			
Forester	<i>Adscita</i> agg.							F	
Scarce Forester	<i>Jordanita cf. globulariae</i>								F
Six-spot Burnet	<i>Zygaena filipendulae</i>		F	F	F				
Southern Six-spot Burnet	<i>Zygaena transalpina</i>			F	F				
Reticent Burnet	<i>Zygaena romeo</i>				F				
Oak Hook-tip	<i>Watsonalla binaria</i>								T
Chinese Character	<i>Cilix glaucata</i>							T	
Spanish Character	<i>Cilix hispanica</i>		T				T	T	T
Peach Blossom	<i>Thyatira batis</i>		T						
Lackey	<i>Malacosoma neustria</i>					T	T		T
Ground Lackey	<i>Malacosoma castrensis</i>							T	T
Oak Eggar	<i>Lasiocampa quercus</i>			F		F		T	
Pine-tree Lappet	<i>Dendrolimus pini</i>					T	T	T	T
Poplar Hawkmoth	<i>Laothoe populi</i>							T	
Pine Hawk-moth	<i>Hyloicus pinasti</i>		T	T	T	T	T	T	T
Privet Hawkmoth	<i>Sphinx ligustri</i>		T	T	T/F		T	T	
Narrow-bordered Bee Hawk-moth	<i>Hemaris tityus</i>					F			
Broad-bordered Bee Hawk-moth	<i>Hemaris fuciformis</i>			F					
Hummingbird Hawk-moth	<i>Macroglossum stellatarum</i>		F	F	F	F	F	F	F
Elephant Hawk-moth	<i>Deilephila elpenor</i>						T		T
Small Elephant Hawk-moth	<i>Deilephila porcellus</i>					T	T	T	T
Lewes Wave	<i>Scopula immorata</i>		F		F				
Lace Border	<i>Scopula ornata</i>		F						T
Middle Lace Border	<i>Scopula decorata</i>							F	
Tawny Wave	<i>Scopula rubiginata</i>							F	
Mullein Wave	<i>Scopula marginepunctata</i>		T		T	T	T/F	T/F	T
European Geometrid	<i>Scopula incanata</i>						F		
Small Dusty Wave	<i>Idaea seriata</i>			T	T	T	T	T	
European Geometrid	<i>Idaea rufaria</i>							F	
European Geometrid	<i>Idaea macilentaria</i>							T	

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Bright Wave	<i>Idaea ochrata cantia</i>		T	F	T/F	T/F	T	T	T/f
Orange Wave	<i>Idaea flaveolaria</i>		F			F	F		
Least Carpet	<i>Idaea rusticata atosignaria</i>			T	T	T	T	T	T
Maquis Wave	<i>Idaea circuitaria</i>							F	
European Geometrid	<i>Idaea obsoletaria</i>		T						
Dwarf Cream Wave	<i>Idaea fuscovenosa</i>			T				T/F	T
Isle of Wight Wave	<i>Idaea humiliata</i>		T/F	T/F	T/F	T/F	T	T	T
Single-dotted Wave	<i>Idaea dimidiata</i>								T
Weaver's Wave	<i>Idaea contiguaria</i>						F		
Riband Wave	<i>Idaea aversata</i>		T	T/F	T	T	T	T	T
European Geometrid	<i>Idaea rubraria</i>							F	
Plain Wave	<i>Idaea staminata</i>		T	T		T			T
Rose-banded Wave	<i>Rhodostrophia vibicaria</i>			T	F	T		T	T
European Geometrid	<i>Rhodostrophia calabra</i>								T
The Vestal	<i>Rhodomestra sacraria</i>								T
Blood-vein	<i>Timandra comae</i>								T
a Mocha	<i>Cyclophora lennigiaria</i>				T			T	
Blair's Mocha	<i>Cyclophora puppillaria</i>					T			T
The Vestal	<i>Rhodomestra sacraria</i>								T
European Geometrid	<i>Scotopteryx angularia</i>				T		T	T	
Chalk Carpet	<i>Scotopteryx bipunctaria</i>								T
Shaded Broad-bar	<i>Scotopteryx chenopodiata</i>		T		F	F			
Red Twin-spot Carpet	<i>Xanthorhoe spadicearia</i>							T	
Silver-ground Carpet	<i>Xanthorhoe montanata</i>			F			F		
Ruddy Carpet	<i>Catarhoe rubidata</i>								T
Royal Mantle	<i>Catarhoe cuculata</i>					T		T	
Yellow Shell	<i>Campptogramma bilineata</i>		F	F		T	T/F	F	T
Common Carpet	<i>Epirrhoe alternata</i>		T	T	T	T	T	T	T
Galium Carpet	<i>Epirrhoe galiata</i>			T	T			T	T
European Geometrid	<i>Entephria cyanata</i>						F		
European Geometrid	<i>Entephria infidaria</i>						F		
Coarse Carpet	<i>Euphyia frustata</i>							F	
Pine Carpet	<i>Pennithera firmata</i>								T
Fir Carpet	<i>Thera vetustata</i>		T						
Grey Pine Carpet	<i>Thera obeliscata</i>		F						
Purple Bar	<i>Cosmorhoe ocellata</i>		T				T	T	T
Phoenix	<i>Eulithis prunata</i>					T	T		
Barred Straw	<i>Gandaritis pyraliata</i>			T	T	T	T	T	T
Common Marbled Carpet	<i>Dysstroma truncata</i>								T
European Geometrid	<i>Colosregia aptata</i>						F		
Drab Looper	<i>Minoa murinata</i>				F				
Brown Scallop	<i>Philereme vetulata</i>			T	T				
Dark Umber	<i>Philereme transversata</i>		T	T	T	T	T	T	T/F
European Geometrid	<i>Triphosa tauteli</i>		T						
Chimney Sweeper	<i>Odezia atrata</i>					F			
Small Rivulet	<i>Perizoma alchemillata</i>							T	
Heath Rivulet	<i>Perizoma minorata</i>							T	
Maple Pug	<i>Eupithecia inturbata</i>						T	T	T
European Geometrid	<i>Eupithecia extravarsaria</i>								T
Rusty-shouldered Pug	<i>Eupithecia breviculata</i>		T		T		T	T	
Grey Pug	<i>Eupithecia subfusca</i>		T			T	T		

Common name	Scientific name	July 2023							
		12	13	14	15	16	17	18	19
Tawny Speckled Pug	<i>Eupithecia icterata</i>						T	T	T
European Geometrid	<i>Eupithecia impurata</i>								T
Juniper Pug	<i>Eupithecia pusillata</i>								T
Double-striped Pug	<i>Gymnoscelis rufifasciata</i>		T	T		T		T	T
Green Pug	<i>Pasiphila rectangulata</i>		T			T	T		T
Ochreous Pug	<i>Eupithecia indigata</i>								T
Purple Treble-bar	<i>Aplocera praeformata</i>					T	F		
European Geometrid	<i>Isturgia murinaria</i>							F	
Sharp-angled Peacock	<i>Macaria alternata</i>		T						
Tawny-barred Angle	<i>Macaria liturata</i>								T
V-Moth	<i>Macaria wauaria</i>				T			T	T
Latticed Heath	<i>Chiasmia clathrata clathrata</i>		T	T	T	T/F	T	T	T
Brimstone Moth	<i>Opisthograptis luteolata</i>		T			T			T
August Thorn	<i>Ennomos quercinaria</i>					T	T	T	T
Early Thorn	<i>Selenia lunularia</i>				T				
Lunar Thorn	<i>Selenia lunularia</i>					T			T
Swallow-tailed Moth	<i>Ourapteryx sambucaria</i>		T		T				
Peppered Moth	<i>Biston betularia</i>					T		T	T
Willow Beauty	<i>Peribatodes rhomboidaria</i>		T	T	T	T	T	T	T
Feathered Beauty	<i>Peribatodes secundaria</i>		T	T/F		T	T		T
Lydd Beauty	<i>Peribatodes ilicaria</i>						T		
European Geometrid	<i>Crocota tinctaria</i>						F		
Mottled Beauty	<i>Alcis repandata</i>		T	T/F	T	T	T	T	T
Speckled Beauty	<i>Fagivorina arenaria</i>		T	T		T		T	
Engrailed	<i>Ectropis bistortata</i>								T
Common Heath	<i>Ematurga atomaria atomaria</i>		F		F		F		T
Common White Wave	<i>Cabera pusaria</i>								T
Common Wave	<i>Cabera exanthemata</i>			T	T		F		T
Light Emerald	<i>Campaea margaritata</i>		T			T		T	T
Barred Red [Green form]	<i>Hylaea fasciata f. prasinaria</i>					T	F		
Brussels Lace	<i>Cleorodes lichenaria</i>		T	T		T			
European Geometrid	<i>Eumannia oranaria</i>								T
European Geometrid	<i>Gnophos furvata</i>						T		
European Geometrid	<i>Charissa pullata</i>					T			
European Geometrid	<i>Charissa glaucina</i>			T					T
Yellow Banded	<i>Psodos quadrifaria</i>						F		
Rest Harrow	<i>Aplasta ononaria</i>							F	
Grass Emerald	<i>Pseudoterpna pruinata</i>			T					T
Large Emerald	<i>Geometra papilionaria</i>		T						
Small Emerald	<i>Hemistola chrysoprasaria</i>					T		T	
Pine Processionary Moth	<i>Thaumetopoea pityocampa</i>		T	T		T	T	T	T
Tawny Prominent	<i>Harpyla mihhauseri</i>							T	
European notodontid	<i>Drymonia querna</i>							T	
Iron Prominent	<i>Notodonta dromedarius</i>						T		T
Swallow Prominent	<i>Pheosia tremula</i>						T	T	T
Pale Prominent	<i>Pterostoma palpina</i>								T
Buff-tip	<i>Phalera bucephala</i>		T			T			
Herald	<i>Scoliopteryx libatrix</i>		T						
Snout	<i>Hypena proboscidalis</i>				T				T
Black V Moth	<i>Arctornis l-nigrum</i>		T	T	T	T	T	T	T
White Satin Moth	<i>Leucoma salicis</i>			F					

Common name	Scientific name	July 2023							
		12	13	14	15	16	17	18	19
Black Arches	<i>Lymantria monacha</i>		T			T	T	T	T
Ruby Tiger	<i>Phragmatobia fuliginosa</i>						T		
Wood Tiger	<i>Parasemia plantaginis</i>						F		
Scarlet Tiger	<i>Callimorpha dominula</i>					F			
Jersey Tiger	<i>Euplagia quadripunctaria</i>			F	F			F	T
Rosy Footman	<i>Miltochrista miniata</i>		T	T	T	T	T	T	T
Muslin Footman	<i>Nudaria mundana</i>		T				F	T	T
Round-winged Muslin	<i>Thumatha seriex</i>		T			T			T
Handmaid	<i>Dysauxes ancilla</i>		T	T	T				
Four-spotted Footman	<i>Lithosia quadra</i>		T	T	T	T	T	T	T
Red-necked Footman	<i>Atolmis rubricollis</i>					T			
Buff Footman	<i>Eilema depressa</i>		T	T	T	T	T	T	T
Dingy Footman	<i>Eilema griseola</i>							T	T
Common Footman	<i>Eilema lurideola</i>		T	T/F	T	T	T	T	T
Scarce Footman	<i>Eilema complana</i>		T	T	T	T	T	T	T
European Eribidae	<i>Eilema pseudocomplana</i>		T*						
Pigmy Footman	<i>Eilema pygmaeola pygmaeola</i>								T
European Eribidae	<i>Setina flavicans</i>						F		
Dew Moth	<i>Setina irrorella</i>						F		
European Eribidae	<i>Idia calvaria</i>						T		
a Fan-foot	<i>Polypogon tentacularia</i>		F	F	F				
Dusky Fan-foot	<i>Zanclognatha zelleralis</i>								T
Scarce Blackneck	<i>Lygephila craccae</i>		T	T		T			T
Waved Black	<i>Parascotia fuliginaria</i>		T					T	
Beautiful Hook-tip	<i>Laspeyria flexula</i>		T		T	T			T
Small Marbled	<i>Eublemma parva</i>								T
Oak Yellow Underwing	<i>Catocala nymphagoga</i>		T			T		T	
Light Crimson Underwing	<i>Catocala promissa</i>								T
Burnet Companion	<i>Euclidia gylphica</i>		F		F		F	F	
Passenger	<i>Dysgonia algira</i>							T	
Dark Spectacle (type)	<i>Abrostola agnorista</i>						T		
Golden Twin-spot	<i>Chrysodeixis chalcites</i>								T
Dewick's Plusia	<i>Macdunnoughia confusa</i>						T		
Silver-Y	<i>Autographa gamma</i>		T/F	T/F	T	T/F	T/F	T/F	T/F
Pale Shoulder	<i>Acontia lucida</i>		T			T		T/F	T
Nut-tree Tussock	<i>Colocasia coryli</i>						T		F
Grey Dagger agg.	<i>Acronicta psi</i>						T*		
Sweet Gale Moth	<i>Acronicta euphorbiae</i>					T	T		T
Knot Grass	<i>Acronicta rumicis</i>						T		
Poplar Grey	<i>Acronicta megacephala</i>				T				
Coronet	<i>Craniophora ligustri</i>		T			T	T	T	T
Wormwood	<i>Cucullia absinthii</i>		T						
Shark	<i>Cucullia umbratica</i>		T	F		T			
Cudweed	<i>Cucullia gnaphalii</i>						T		T
Water Betony	<i>Cucullia scrophulariae</i>				C				
Mullein	<i>Cucullia verbasci</i>		C						
European Noctuid	<i>Calliergis ramosa</i>				T	T			
European Noctuid	<i>Lamprosticta culta</i>		T	T	T	T	T	T	
European Noctuid	<i>Amphipyra effusa</i>				T	T			
Copper Underwing	<i>Amphipyra pyramidea</i>				T	T	T	T	T
Mouse Moth	<i>Amphipyra tragopoginis</i>				T	T	T	T	T

Common name	Scientific name	July 2023							
		12	13	14	15	16	17	18	19
Marbled Clover	<i>Heliothis virescens</i>							F	
Scarce Bordered Straw	<i>Helicoverpa armigera</i>		T/F	T	T/F	T/F	T/F	T/F	T
Tree-lichen Beauty	<i>Cryphia alba</i>		T		T	T*	T	T	T
European Eribidae	<i>Idia calvaria</i>						T		
Pale Mottled Willow	<i>Spodoptera exigua</i>			T	T	T	T	T	T
The Uncertain	<i>Hoplodrina octogenaria</i>		T	T	T/F	T/F	T	T	T
The Rustic agg.	<i>Hoplodrina blanda</i>		T	T	T	T	T	T	T
Powdered Rustic	<i>Hoplodrina superstes</i>								T
European Noctuid	<i>Hoplodrina respersa</i>		T	T	T	T	T	T	T
Vine's Rustic	<i>Hoplodrina ambigua</i>		T	T	T				
Brown Rustic	<i>Rusina ferruginea</i>		T	T	T	T	T	T	T
Bird's Wing	<i>Dypterygia scabriuscula</i>				T				
Guernsey Underwing	<i>Polyphaenis sericata</i>		T			T	T	T	T
Purple Cloud	<i>Actinotia polyodon</i>					T			
Pale-shouldered Cloud	<i>Chloantha hyperici</i>				T		T		
Angle Shades	<i>Plogophora meticulosa</i>						T		
Small Angle Shades	<i>Euplexa lucipara</i>						T		
European Noctuid	<i>Auchmis detersa</i>						T		T
Dark Arches	<i>Apamea monoglypha</i>		T	T	T	T	T	T	T
Light Arches	<i>Apamea lithoxylaea</i>			T	T	T	T	T	
Clouded-bordered Brindle	<i>Apamea crenata</i>					T			
Clouded Brindle	<i>Apamea epomidion</i>				T		T		T
European Noctuid	<i>Apamea aquila</i>					T			
Scarce Brindle	<i>Apamea laterita</i>				T	T		T	T
Rustic Shoulder-knot	<i>Apamea sordens</i>				T				T
Slender Brindle	<i>Apamea scolopacina</i>		T					T	T
European Noctuid	<i>Apamea syriaca</i>								T
European Noctuid	<i>Apamea syriaca</i>								T
Common Rustic agg.	<i>Mesapamea</i> sp.			T		T	T		T
Lesser Common Rustic	<i>Mesapamea didyma</i>								T
Marbled Minor agg.	<i>Oligia strigilis</i>		T*	T	T	T	T	T	T
Rufous Minor	<i>Oligia versicolor</i>		T*						
Cloaked Minor	<i>Mesologia furuncula</i>		T/F	T	T	T		T	T
Rosy Minor	<i>Mesologia literosa</i>				T	T	T		T
Dun-bar	<i>Cosmia trapezina</i>		T	T		T	T		T
Minor Shoulder-knot	<i>Brachyloma viminalis</i>			T		T	T	T	T
Dark Brocade	<i>Mniotype adusta</i>			T			T	T	
European Noctuid	<i>Mniotype anilis</i>								T
European Noctuid	<i>Lasionycta proxima</i>					F		T	
Pale Shining Brown	<i>Polia bombycina</i>		T	T	T	T/F	T	T	T
Silvery Arches	<i>Polia hepatica</i>						T		
Grey Arches	<i>Polia nebulosa</i>					T	T		
Pale-shouldered Brocade	<i>Lacanobia thalassina</i>				T	T			
Beautiful Brocade	<i>Lacanobia contigua</i>		T	T	T	T	T	T	T
Bright-line, Brown-eye	<i>Lacanobia oleracea</i>		T/F	T	T	T	T/F	T	
Dot Moth	<i>Melanchra persicariae</i>		T	T		T			
Shears	<i>Hada plebeja</i>					T			
Cabbage	<i>Mamestra brassicae</i>					T			
Bordered Gothic	<i>Sideridis reticulata</i>		T					T	
Small Ranunculus	<i>Hecatera dysodes</i>								T
Lychnis	<i>Hadena bicurris</i>		T					T	



Common name	Scientific name	July 2023							
		12	13	14	15	16	17	18	19
Varied Coronet	<i>Hadena compta</i>		T			T			
Brown-line Bright-eye	<i>Mythimna conigera</i>		T	T	T	T	T	T	T
The Clay	<i>Mythimna ferrago</i>			T	T	T	T		T
White-point	<i>Mythimna albipunctata</i>			T	T	T	T	T	
Delicate	<i>Mythimna vitellina</i>			T	T				T
Smokey Wainscot	<i>Mythimna impura</i>					T		T	T
White Speck	<i>Mythimna unipunctata</i>						T		
European Noctuid	<i>Mythimna sicula</i>					T	T		
L-album Wainscot	<i>Mythimna l-album</i>						T		
Shoulder-striped Wainscot	<i>Leucania comma</i>		T	T	T	T	T	T	T
Square-spot Dart	<i>Euxoa obelisca grisea</i>				T				
Pearly Underwing	<i>Peridroma saucia</i>						T		
Heart and Dart	<i>Agrotis exclamationis</i>		T	T	T	T	T	T	T
European Noctuid	<i>Dichagyris nigrescens</i>				T	T			
Turnip Moth	<i>Agrotis segetum</i>		T						
Heart and Club	<i>Agrotis clavis</i>					T	T	T	T
Dark Sword-grass	<i>Agrotis ipsilon</i>					T		T	T
Ingrailed Clay	<i>Diarsia mendica mendica</i>		T						
European Noctuid	<i>Epilecta linogrisea</i>						T		T
Large Yellow Underwing	<i>Noctua pronuba</i>		T	T		T	T	T	T
a Yellow Underwing	<i>Noctua interposita</i>		T		T			T	T
Lesser Yellow Underwing	<i>Noctua comes</i>			T	T	T	T	T	T
Broad-bordered Y U	<i>Noctua fimbriata</i>		T	T	T	T	T	T	T
a Yellow Underwing	<i>Noctua tirrenica</i>				T		T	T	T
Langmaid's Yellow Underwing	<i>Noctua janthina</i>					T	T		
Lesser Broad-bordered Y U	<i>Noctua janthe</i>		T		T	T	T	T	T
Least Yellow Underwing	<i>Noctua interjecta</i>				T		T		T
Green Arches	<i>Anaplectoides prasina</i>		T	T	T	T	T	T	T
Pearly Underwing	<i>Peridroma saucia</i>						T		
Setaceous Hebrew Character	<i>Xestia c-nigrum</i>		T		T				T
Double Square-spot	<i>Xestia triangulum</i>		T	T	T	T	T	T	T
European Noctuid	<i>Epilecta linogrisea</i>						T		T
Small Black Arches	<i>Meganola stigmata</i>					T			
Short-cloaked Moth	<i>Nola cucullatella</i>				T				
Green Silver-lines	<i>Pseudoips prasinaria</i>		T						
European Nolid	<i>Nycteola</i> sp.							T	

## Other invertebrates

Common name	Scientific name	July 2023							
		12	13	14	15	16	17	18	19
Beautiful Demoiselle	<i>Calopteryx virgo</i>			F	F				
Common Blueth	<i>Enallagma cyathigerum</i>		F	F					
Azure Blueth	<i>Coenagrion puella</i>		F	F					
Large Red Damselfly	<i>Pyrrosoma nymphula</i>			F					
Blue Hawker	<i>Aeshna cyanea</i>			F					
Blue Emperor	<i>Anax imperator</i>			F	F		F	F	
Golden-ringed Dragonfly	<i>Cordulegaster boltonii</i>			F					
Board-bodied Chaser	<i>Libellula depressa</i>			F					
Four-Spotted Chaser	<i>Libellula quadrimaculata</i>			F		F			

Common name	Scientific name	July 2023							
		12	13	14	15	16	17	18	19
Black-tailed Skimmer	<i>Orthetrum cancellatum</i>							F	
Southern Skimmer	<i>Orthetrum brunneum</i>				F				
Common Darter	<i>Sympetrum striolatum</i>			F					
Ruddy Darter	<i>Sympetrum sanguineum</i>		F					F	
Red-veined Darter	<i>Sympetrum fonscolombii</i>							F	
Scarlet Darter	<i>Crocothemis erythraea</i>							F	
Egyptian Grasshopper	<i>Anacridium aegyptium</i>							F	
Red-winged Grasshopper	<i>Oedipoda germanica</i>		F					F	
Blue-winged Grasshopper	<i>Oedipoda caerulea</i>		F					F	
Great Green Bush-cricket	<i>Tettigonia viridissima</i>		F	F	F	F			T
a Green Bush-cricket	<i>Tettigonia cantans</i>				LO				
Roesel's Bush-cricket	<i>Metrioptera roeselii</i>			F					
Praying Mantis	<i>Mantis religiosa</i>		F					F	
Common Earwig	<i>Forficula auricularia</i>		F	F	F	F	F	F	
Hawthorn Shield Bug	<i>Acanthosoma haemorrhoidale</i>								T
a Shield Bug	<i>Graphosoma lineata</i>		F	F				F	
Forest Bug	<i>Pentatoma rufipes</i>				T		T	T	
Assassin Bug	<i>Rhinocoris</i> sp.						T	T	
Common Pond Skater	<i>Gerris lacustris</i>		F	F	F	F	F	F	F
Common Backswimmer	<i>Notonecta glauca</i>		F	F	F	F	F	F	F
Cicada	<i>Tibicen plebejus</i>				F			F	
Leafhopper	<i>Ledra aurita</i>				T				
Ascalaphid or Owl Fly	<i>Libelloides coccajus</i>				F			F	
Green Lacewing	<i>Chrysopa</i> sp.				T		T	T	T
Styrian Mantis-fly	<i>Mantispa c.f. styriaca</i>								T

## Birds (H = Heard only)

Common name	Scientific name	July							
		12	13	14	15	16	17	18	19
Alpine Swift	<i>Tachymarptis melba</i>		✓		✓			✓	
Common Swift	<i>Apus apus</i>		✓	✓	✓	✓	✓	✓	✓
Rock Dove [Feral]	<i>Columba livia feral</i>	✓	✓	✓	✓	✓	✓	✓	✓
Common Wood Pigeon	<i>Columba palumbus</i>	✓	✓	✓	✓	✓	✓	✓	✓
Eurasian Collared Dove	<i>Streptopelia decaocto</i>							✓	
Grey Heron	<i>Ardea cinerea</i>		✓						
European Honey Buzzard	<i>Pernis ptilorhynchus</i>			✓		✓		✓	
Griffon Vulture	<i>Gyps fulvus</i>					✓	✓	✓	
Short-toed Snake Eagle	<i>Circaetus gallicus</i>		✓					✓	
Golden Eagle	<i>Aquila chrysaetos</i>		3			✓			
Eurasian Sparrowhawk	<i>Accipiter nisus</i>			✓			✓		
Black Kite	<i>Milvus migrans</i>				✓			LO	
Red Kite	<i>Milvus milvus</i>			✓					
Common Buzzard	<i>Buteo buteo</i>		✓			✓		✓	
Tawny Owl	<i>Strix aluco</i>			H			H	H	H
Eurasian Scops Owl	<i>Otus scops</i>			H					
Great Spotted Woodpecker	<i>Dendrocopos major</i>		✓					✓	✓
Black Woodpecker	<i>Dryocopus martius</i>								H
European Green Woodpecker	<i>Picus viridis</i>		✓	H		H			
Common Kestrel	<i>Falco tinnunculus</i>		✓	✓			✓	✓	
Eurasian Hobby	<i>Falco subbuteo</i>								✓

Common name	Scientific name	July							
		12	13	14	15	16	17	18	19
Red-backed Shrike	<i>Lanius collurio</i>		✓			✓		✓	✓
Eurasian Jay	<i>Garrulus glandarius</i>					✓		✓	
Eurasian Magpie	<i>Pica pica</i>		✓	✓	✓	✓		✓	✓
Red-billed Chough	<i>Pyrrhocorax pyrrhocorax</i>						✓		
Alpine Chough	<i>Pyrrhocorax graculus</i>		✓				✓		
Rook	<i>Corvus frugilegus</i>	✓							
Western Jackdaw	<i>Corvus monedula</i>	✓							✓
Carrion Crow	<i>Corvus corone</i>	✓	✓	✓	✓	✓	✓	✓	✓
Northern Raven	<i>Corvus corax</i>			✓	✓	✓	✓	H	
Coal Tit	<i>Parus ater</i>		✓	✓	✓	✓	✓	✓	✓
European Crested Tit	<i>Lophophanes cristatus</i>		✓	H	✓	✓	✓	LO	✓
Marsh Tit	<i>Poecile palustris</i>			✓	✓	H			
Eurasian Blue Tit	<i>Cyanistes caeruleus</i>				✓	✓			✓
Great Tit	<i>Parus major</i>		✓	✓	✓	✓		✓	✓
Eurasian Skylark	<i>Alauda arvensis</i>		✓						
Barn Swallow	<i>Hirundo rustica</i>		✓	✓	✓	✓	✓	✓	✓
Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>		✓	✓	✓			✓	
Common House Martin	<i>Delichon urbicum</i>		✓	✓	✓	✓	✓	✓	✓
Common Chiffchaff	<i>Phylloscopus collybita</i>		H			H	H		
Marsh Warbler	<i>Acrocephalus palustris</i>			LO					
Eurasian Blackcap	<i>Sylvia atricapilla</i>		✓	✓	✓	H	H	H	✓
Common Whitethroat	<i>Curruca communis</i>						✓		
Garden Warbler	<i>Sylvia borin</i>							LO	
Common Firecrest	<i>Regulus ignicapilla</i>			H					
Goldcrest	<i>Regulus regulus</i>			✓					
Eurasian Wren	<i>Troglodytes troglodytes</i>				✓				
Eurasian Nuthatch	<i>Sitta europaea</i>								H
Eurasian Treecreeper	<i>Certhia familiaris</i>						✓		
Common Starling	<i>Sturnus vulgaris</i>		✓	✓					✓
Common Blackbird	<i>Turdus merula</i>		✓	✓	✓	✓	✓	✓	✓
Song Thrush	<i>Turdus philomelos</i>			✓					
Black Redstart	<i>Phoenicurus ochruros</i>	✓	✓	✓	✓	✓	✓		
Common Redstart	<i>Phoenicurus phoenicurus</i>		✓	✓	✓	✓	H	✓	✓
European Stonechat	<i>Saxicola rubicola</i>		✓					✓	
House Sparrow	<i>Passer domesticus</i>	✓	✓	✓	✓	✓	✓	✓	✓
Grey Wagtail	<i>Motacilla cinerea</i>						✓	✓	
White Wagtail	<i>Motacilla alba</i>		✓	✓	✓	✓	✓	✓	✓
Tree Pipit	<i>Anthus trivialis</i>								✓
Common Chaffinch	<i>Fringilla coelebs</i>		H	✓	✓	✓	✓	✓	✓
Eurasian Bullfinch	<i>Pyrrhula pyrrhula</i>		✓	H		H			
European Greenfinch	<i>Chloris chloris</i>		H						
Common Linnet	<i>Linaria cannabina</i>						✓	✓	
European Goldfinch	<i>Carduelis carduelis</i>		✓	✓	✓	✓	✓	✓	✓
Citril Finch	<i>Carduelis citrinella</i>					✓	✓		
European Serin	<i>Serinus serinus</i>		✓	✓	✓	✓	✓	✓	✓
Yellowhammer	<i>Emberiza citrinella</i>		✓						
Ortolan Bunting	<i>Emberiza hortulana</i>		H						
Cirl Bunting	<i>Emberiza cirlus</i>				✓			H	H

Others (S = Signs)

		July							
Common name	Scientific name	12	13	14	15	16	17	18	19
MAMMALS:									
Daubenton's Bat	<i>Myotis daubentonii</i>			✓					
Red Fox	<i>Vulpes vulpes</i>							✓	
Wild Boar	<i>Sus scofa</i>				S	S		S	
European Roe Deer	<i>Capreolus capreolus</i>				S				
Alpine Chamois	<i>Rupicapra rupicapra</i>						✓		
Alpine Ibex	<i>Capra ibex</i>						✓		
Rabbit	<i>Oryctolagus cuniculus</i>							S	
Alpine Marmot	<i>Marmota marmota</i>					✓	✓		
AMPHIBIANS & REPTILES:									
Hybrid Edible Frog	<i>Pelophylax kl. esculentus</i> [complex]	H	✓	✓	H	H	H	H	H
Western Green Lizard	<i>Lacerta bilineata</i>			✓		✓		✓	
Common Wall Lizard	<i>Podarcis muralis</i>		✓	✓	✓	✓		✓	✓