

Butterflies of the Dolomites

Naturetrek Tour Report

30 June - 7 July 2013



Alpine Heath (Alan Miller)



Marsh Fritillary ssp *debilis* (Alan Miller)



Melantheria alaudaria (Neil Sherman)



2013 Naturetrek Group

Report compiled by Alan Miller and Paul Harnes

Images by Alan Miller & Neil Sherman



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Summary

The 2013 Naturetrek 'Butterflies of the Dolomites' Tour Group spent a week in stunning mountain scenery enjoying fantastic vistas and wonderful flora and fauna. The start to 2013 had produced unusual weather patterns with rain and snow well into June and as a consequence the season was about three weeks behind the norm. The result was that some of the butterflies we would normally have expected to see, and the abundance of butterflies, was fewer than normal. That said, we still saw 64 species, many of which were new to group members and others which are not normally on the wing in July. On the plus side we saw many moths not normally recorded on this tour, again some flying later in the year than we are used to seeing them. The abundance of flora with flower-filled meadows was a bonus for the botanists on the tour. The weather during the week formed a pattern of mainly dry and sunny mornings with cloud building up during the day to rain showers in the late afternoon or evening. That said the group only got slightly damp on a couple of occasions. Temperatures rose through the week and by the end they were extremely pleasant. Once again we were looked after very well by Stefano, Katia and all the staff at Hotel Gran Mugon. A homely place to return to each evening with good food and friendly faces enhanced our stay. With lots of new and interesting sightings for the group, an extremely enjoyable week was spent in a lovely corner of Italy.

Day 1

Sunday 30th June

Venice Airport to Tamion via the Agordo Gorge

Weather: Fine and sunny. 29°C at Venice Airport, 27° at Candaten Picnic area, and 19° in the Fassa Valley

The group convened at North Terminal, London Gatwick airport for the morning BA flight to Venice and after a good flight landed at 10.35am at Venice Marco Polo Airport ahead of schedule.

As we taxied to the terminal building Walter spotted Magpie and Hooded Crow from the plane window. Once inside the terminal we cleared immigration and were allocated two suitable vehicles and after a quick sandwich and drink at the airport café we made our way to the vehicle collection point. Whilst waiting we saw Brown Argus and Clouded Yellow butterflies, together with Collared Dove, Serin and Italian Sparrow. We also watched Paper Wasps making a nest on the car hire cabin. Once both vehicles were loaded we left the airport heading north along the A27 Autostrada. We spotted a few birds including Magpies harassing a Common Buzzard before leaving the motorway at Ponte Nelle Alpi. We then drove through Belluno and into the National Park of the Bellunesi Dolomites.

At 3.20pm we stopped near Peron at the Candaten picnic area. There were numerous moths on the sides of a wooden hut including Lobster Moth, Pale Tussock, Swallow-tailed Moth and Peppered Moth. On the track to the nearby riverbed we were soon spotting butterflies including Large Skipper and Speckled Wood. Both Small and Essex Skippers were found and the different colours to the underside of the antennae pointed out. When we reached the river bed there was more water than usual with the late snow melt. We found a cluster of a dozen Black-veined White butterflies on the wet sand taking minerals, which proved an excellent photo opportunity for the many keen photographers. We were accompanied by birdsong including singing Chiffchaff, Great Tit and Chaffinch. Other insects included Six-spot Burnet, Red-Veined and Common Darters, and a Common Goldenring dragonfly.

All too soon it was time to continue our journey. Our route took us through Agordo and over the San Pellegrino Pass at 1919 metres before dropping into the Fassa Valley and the delightful hamlet of Tamion near Vigo di Fassa. We were greeted at the family-run Hotel Gran Mugon by Katia then settled into our new surroundings. We met in the bar at 7pm and were introduced to two more members of the 'family', Genio and Stefano. Alan and Paul then talked over the prospects for the coming week and everyone introduced themselves and their interests. It was evident that there was a wide range of interests which boded well for the week ahead. At 7.30pm we moved to the dining room and enjoyed our first evening meal which was a traditional Ladin meal from the Fassa Valley area. After a long travelling day some members of the group retired after dinner whilst others went with Alan and Paul to set up the moth trap which was positioned behind the hotel. With a warm, still night we retired with high hopes for the morning.

Day 2

Monday 1st July

Morning around Tamion (1548m); Afternoon in Val di Monzoni (1526m)

Weather: Fine, warm and mainly sunny during the day. Max. temp 21°C. Rain in the evening with thunder and lightning

From 6.30am members of the group came and went as the haul of moths attracted to the moth trap light was examined. We were not disappointed as the trap was overflowing and the white wall below the hotel balcony also held a good selection of moths. Almost 40 species were identified including two superb Hawk-moths, Poplar and Pine, together with two new moths for the tour, Paignton Snout and Beautiful Arches.

After breakfast Alan and Paul, with some help, made a trip to the supermarket for the picnic ingredients, then at 9.15am, we reconvened outside the hotel. Some of the more interesting moths were shown to members who had missed them earlier and then set off on foot to explore the meadows above Tamion.

It wasn't long before we were seeing butterflies including Mazarine Blue, Little Blue, Small Heath, Alpine Grizzled Skipper, Warren's Skipper and Red Underwing Skipper. We also found the '*subalpinus*' subspecies of Sooty Copper, the '*hippomedusa*' subspecies of Woodland Ringlet, and the '*spodia*' subspecies of Bright-eyed Ringlet. Day-flying moths were very much in evidence. Along our path we found lots of nicely scented *Gymnadenia conopsea* (Fragrant Orchid). Alpine plant species were also well represented with *Traunsteinera globosa* (Round-headed Orchid) and *Salvia pratensis* (Meadow Clary). Bird song was all around us and we were accompanied by the song of Coal Tit, Fieldfare, Robin, Chaffinch, Crested Tit and Siskin.

We returned to the hotel by the main road to see a splendid patch of dozens of *Cypripedium calceolus* (Lady's Slipper Orchid) and we also found a Patton's Tiger moth. It was 12.45pm when we reached the hotel where, after a quick comfort break, we collected our vehicles and drove the short distance to Val di Monzoni. After an enjoyable picnic lunch in a lovely meadow setting with fabulous views we completed two loops, one through the wooded area above the picnic site, the other through the meadow below our vehicles. New butterfly sightings included Pearl-bordered Fritillary and Mountain Green-veined White, and a new moth was Red Twin-spot Carpet. Alpine Swift and Honey Buzzard were seen and Nutcracker was heard. We found a wide range of flora including *Corallorhiza trifida* (Coralroot Orchid), *Gentiana verna* (Spring Gentian) and *Astragalus alpines* (Alpine Milk-vetch).

We arrived back at Tamion at 5pm having enjoyed our first full day in the Dolomites which had been full of interesting sightings. We met at 7pm to talk through our day and plans for the next one before starting our first 'lists' session. During the session we became aware of the sky darkening and it starting to rain. At 7.30pm we adjourned for an enjoyable dinner before reconvening to complete our lists, after which Alan again set the moth trap. With late evening thunder and lightning fingers were crossed for the morning moth trap inspection.

Day 3

Tuesday 2nd July

Gardeccia and the Rosengarten

Weather: After overnight rain a fine, warm and sunny morning. Cloud developed during the afternoon with rain and thunder by 3.30pm. High of 17 degrees C

Due to the overnight rain the moth catch was down on the previous day but there was still plenty to keep our interest. New moths included a splendid Pine-tree Lappet, Yellow-ringed Carpet and a Shark. With the sun shining birds were active around the large conifers located behind us with Fieldfare, Chaffinch, Nuthatch and Carrion Crow making appearances whilst we listened to Song Thrush, Coal Tit, Chiffchaff and Treecreeper.

We breakfasted at 7.30am to allow us to depart at 8.30am. Our first call was at the supermarket to collect picnic makings. Outside the supermarket but the group put the time to good use finding a Black Redstart nest and watching the adults entering with food. Eventually we arrived at the cablecar in Vigo di Fassa just before 10am. We were soon ascending the mountain by cablecar from Vigo di Fassa to Ciampedie enjoying beautiful views from 1997 metres over the Fassa Valley below. Before moving off along the Rosengarten we explored the meadows near the cablecar station. We found a number of moths and butterflies we had already seen, but the star was a splendid Marsh Fritillary of the '*debilis*' subspecies which occurs in the Alps and Pyrenees, usually above 1800m.

After enjoying these meadows we set off to follow the track towards Gardeccia. We had only gone a few yards when we heard a 'tacking' sound then saw a Spotted Nutcracker in a close tree and a Lesser Whitethroat that was objecting to its presence. Our path took us past large stands of *Rhododendron ferrugineum* (Alpenrose) and there were some fabulous mountain views. The weather around Europe had made the flora about three weeks behind normal and this was evident with the Alpenrose just bursting into flower and looking lovely whilst usually at this time of year it has virtually finished flowering. The upland meadows were not as flower-rich as normal, in fact at Gardeccia it appeared that the snow had only recently melted from some meadow areas and later we learnt that at the start of the previous week there had been 30cms of snow here. Along the path we found a new moth for the tour, a White-banded Carpet.

Next we stopped to explore a ski ride and added Green Hairstreak and Northern Wall Brown butterflies to our list. Whilst searching the ride we were entertained by a party of six Spotted Nutcrackers. We continued to Gardeccia where we had our lunch before making a circuit of the surrounding meadows. Butterflies were in short supply but we did see Mountain Green-veined White, Grizzled Skipper and Dingy Skipper. We also added a lovely little European moth, Yellow Banded, to our moth list. A large boulder had a fine show of *Paederota bonarota* (Bluish Paederota). In a small dell we found a very fresh Mountain Fritillary which was new for a number of members of the group.

With the shortage of insects we decided to return to the meadows around the cablecar station for a second look. We were distracted as we passed Rifugio Negritella and we stopped for some well-earned refreshments. The meadows were fairly quiet. We did see a Woodland Ringlet but most members of the group spent their time photographing the Mountain Fritillary we had found earlier when it was released after everyone had seen it. About 3.15pm with dark clouds overhead we felt the first drops of rain so we headed for the cablecar station just in time before some heavy rain. We met Jim and Kate who had spent their time around Ciampedie and we discovered that they had had excellent close views of a Chamois.

We descended after a most enjoyable day on the Rosengarten and made our way back to Tamion and our hotel. At 6.30pm we met in the bar for our evening meeting and log call after which we enjoyed another delicious evening meal. The last job was for Alan to set the moth trap.

Day 4

Wednesday 3rd July

Predazzo and Panvecchio Natural Park

Weather: Cloudy with sunny periods. Showers later with heavy cloud cover. Fine evening. Morning high 22°C. Afternoon high 15 degrees

The overnight temperature was a little colder than previous nights and whilst the number of moths on the hotel wall was reduced it was nice to find a Patton's Tiger. The haul in the trap was exciting. New moths included Beautiful Golden Y, Champion and European geometrid *Charissa pullata*. Birds were active: we could hear Long-tailed Tit and Crested Tit and had good views of Crossbill and Great Spotted Woodpecker. It had been a good turnout for the mothing session and we adjourned for breakfast with high hopes for the day ahead.

We left the hotel at 8.40am for a day in the Panvecchio Natural Park. After calling at the supermarket we drove down the Fassa Valley towards Predazzo. En route a Grey Heron was spotted.

Our first stop was a patch of rough ground beside a builder's yard with a rocky area behind. As we pulled up Alan spotted an Apollo in flight. It landed on the vegetation so everyone debussed in a rush. The Apollo showed well and during the hour we were there both in flight and on vegetation. We all agreed it had been a superb sighting. Whilst there, when the sun shone butterflies and moths were taking flight. In an exciting hour we saw eighteen species of butterflies including Heath Fritillary, False Heath Fritillary, Dryad, Brimstone, Pearly Heath and Southern Small White. New moths included Transparent Burnet and Four-dotted Footman, and there was an interesting selection of other insects.

Happy with our sightings we continued our route and stopped behind Panvecchio Natural Park Visitor Centre. As we started to check the meadow and woodland edge opposite the centre we had a rain shower which lasted five minutes. After it had passed we found a number of grass moths and a Woodland Ringlet butterfly. By this time it was after midday so we used the picnic area at the centre for our lunch spot.

After an enjoyable picnic lunch we drove to Val Venegia for an afternoon exploring a lovely valley. En route we spotted a Jay. Once into the valley we drove to the top car park. As we arrived there was another heavy shower so we waited for it to pass before setting off. Due to the late season and the weather, despite searching, we only found two butterflies, a Woodland Ringlet and a Grizzled Skipper. On the plus side, half of the group concentrated on the riverbed and plants finding Agile Frog and Alpine Salamander. The river gravels were particularly rich in plant life including *Papaver aurantiacum* (Rhaetian Poppy) and *Gypsophila repens* (Gypsophila). The adjacent marsh had good numbers of *Dactylorhiza majalis* (Broad-leaved Marsh Orchid) and *Dactylorhiza alpestris* (Alpine Broad-leaved Marsh Orchid). Meanwhile the rest of the group headed towards Rifugio Malga Venegiota at 1819 metres. The walk was worthwhile as there we saw thirteen Alpine Marmots together with Alpine Chough, Ring Ouzel and Bullfinch.

We all met back at the vehicles at 4pm for the return drive to our hotel after a day in fabulous scenery. Leaving Val Venegia a Dipper was spotted on the stream. We arrived back at Tamion at 5pm. Reconvening at 6.45pm we had our usual evening meeting and log call before dinner after which the moth trap was again set.

Day 5

Thursday 4th July

Sella Pass

Weather: Morning fine and sunny with some high cloud increasing in the afternoon with showers after 2pm. Altitude high 12 degrees C

From 6.30am there was a good turnout as we inspected the catch at the moth trap. With a cloudy night moths were more numerous both in the trap and on the hotel wall. We recorded several new species including Common Luterstring, Green Arches, Nettle Pug and three micro moths.

At 8.30am we reviewed the new moths before they were released and we departed for our highest location, Sella Pass. After a stop at the supermarket to collect our picnic makings we headed north along the Fassa Valley. At Canazei we turned west and in a few kilometres climbed over 750 metres up 23 marked Tornanti (hairpin bends) to Sella Pass at 2244m parking just over the summit near Rifugio Passo Sella. From our vantage point the scenery was stunning in excellent light.

Just after leaving the vehicles we had good views of Alpine Marmot and the botanists in the group were pleased with the array of alpine flowers as we were above the tree line in the sub-montane belt. We found *Salix reticulata* (Net-leaved Willow), *Silene acaulis* (Moss Champion), *Alchemilla alpina* (Alpine Ladies-mantle), and *Linaria alpina* (Alpine Toadflax).

We followed the track to the next Rifugio before ascending onto an open grassy pasture. As we started to climb we found two new and interesting butterflies, a Mountain Small White and a Dusky Grizzled Skipper. Also in the area were Green-veined White and Small Blue. Once on the open pasture we were sidetracked with excellent views of Snowfinch. Raven and Northern Wheatear were also spotted and there was the constant accompaniment of Water Pipit in flight and song. The pasture was alive with many Dewy Ringlets and there was a single Clouded Yellow.

We arrived back at the vehicles at 12.30pm for lunch. After our picnic we examined the mornings interesting specimens before they were released. The clouds had darkened and we were just getting ready for an afternoon exploration when it started to rain. We set out hoping the rain would pass. We got as far as a rocky dell on the track behind Rifugio Passo Sella in an area known as the City of Stone. Here it was rockier with a few smaller pine trees. We found *Potentilla nitida* (Pink Potentilla), *Leontopodium alpinum* (Edelweiss) and *Daphne striata* (a Daphne) but alas no insects. The rain was steady and the temperature had dropped well below 12 degrees so we returned to the vehicles to try our luck at a lower altitude.

As we descended we came out of the rain and the temperature started to rise. We stopped and examined the pasture behind Bar Ristorante Monti Pallidi. As we got out of the vehicles a Ring Ouzel was seen close by which stayed in the open for the photographers. In the meadow we again found the 'debilis' subspecies of Marsh Fritillary and a Marsh Pug. Two small Adder snakes were seen and Nutcrackers were calling and flying around to everyone's delight except Walter who was trying unsuccessfully to photograph one! After an hour we felt a few drops of rain so we headed lower again but this time it rained all the way back to Tamion. Our log meeting was at 6.45pm before dinner after which the moth trap was again set.

Day 6

Friday 5th July

Sud Tirol and Costalunga Pass

Weather: Fine, hot and mainly sunny. Afternoon high 34 degrees C

The hardy moth core people were again out by 6.30am checking the overnight haul with other members of the group coming and going. Again there were new additions to the trip list including Beech-green Carpet, Beautiful Brocade, Spectacle, Bordered Pug and Pale Prominent. There also were three Pine Hawk-moths in the trap which we removed to our workbench and they sat looking as though they were watching the action. Larch Pug had been our commonest moth all week so we decided to count them today; there were 24.

At 9am we met outside the hotel to view the interesting moths from the trap before they were released and then we set off in a new direction, heading west. We drove over Costalunga Pass at 1752 metres and down the Sud Tirol towards Bolzano. Our first stop was above Ponte Nova at 980 metres at a parking area next to a long, thin meadow bordered on one side by a tree-lined river, and the other by mixed woodland. As we arrived the temperature was 17 degrees C.

We checked the area around the vehicles which was alive with butterflies. We spotted many including Large Skipper, Silver-studded Blue, Brown Argus, Large Wall Brown, Heath Fritillary and Pearl-bordered Fritillary. There was an interesting collection of Grasshoppers and Crickets which kept us amused for some time. We watched Green Mountain Grasshopper, Dark Bush-cricket, Alpine Dark Bush-cricket and Great Green Bush-cricket. After some time we set off to do a circuit of the meadow. Butterflies were numerous and we were soon adding a number of new species to our trip list including Arran Brown, Small Copper, Chequered Skipper, Amanda's Blue, Holly Blue and fleeting views of White Admiral. Moths also showed well and we saw Small Magpie and Orange Moth. With lots to see the birds took a back seat but we did see a pair of Common Buzzards and a Jay, and heard Willow Tit. It was nearly midday by the time we returned to the vehicles and the temperature had risen considerably so most of the group sheltered from the sun under the trees whilst Alan and Paul prepared the picnic, then we ate a hearty lunch.

After lunch we drove further down the Sud Tirol to our next stop below Ponte Nova at 750 metres where we arrived at 1.15pm. Our plan was to check a disused quarry area. As we set off we crossed a bridge and looking down on the river spotted a Silver-washed Fritillary. Continuing into the quarry area it was alive with butterflies and we had good views of many. One of the first was a White Admiral which showed well as we had had fleeting views earlier in the day. We also added Marbled Fritillary and Provencal Short-tailed Blue to our list. The massive caterpillar of Goat Moth was found baking in the sun so it was moved to a shaded spot. Paul caused some excitement when he caught a Slow Worm. By 3pm the temperature had risen to 34 degrees so we retreated to the vehicles to replenish fluids.

Next we drove back to Costalunga Pass parking near Pizzeria Antermont. As we had climbed back to 1752 metres the temperature had gone down to 22 degrees with a little cloud which was more bearable. We checked the nearby meadow finding a Common Frog, Fieldfare and Ring Ouzel carrying food, and a few moths and butterflies of species we had seen earlier. We also found some spikes of *Phyteuma ovatum* (Dark Rampion). At 4.15pm everyone adjourned to the Pizzeria for refreshments, mostly in the form of ice-creams. The sun came out just as we finished our refreshments and a few members went for a last check of the meadow finding a Berger's Clouded Yellow. A number of butterflies were caught for identification purposes. For fun they were taken back to the Pizzeria where those who had stayed were challenged to identify the specimens. After the challenge we boarded the vehicles for our return journey, arriving back at Tamion at 5.15pm.

We met at 7.15pm to talk over our day and our arrangements for the next day before we went into dinner. After our evening meal we completed our log call then most of the group went for an evening walk along the lane where we found a female Glow-worm showing its bioluminescence in the hope of attracting a male. A few moths including Common Wave, Silver-ground Carpet and European Geometrid *Charissa pullata* were seen together with a couple of bats. With the moth trap set we retired for the night

Day 7

Saturday 6th July

San Pellegrino Pass

Weather: Fine and mainly sunny with some high cloud. Max 21 degrees C

With a warm, cloudy night our last moth catch was excellent with sixteen new moths for the trip.

We found Ghost Moth, Great Brocade, Northern Arches and a couple of moths whose flight season should have been finished for the year; Water Carpet and May Highflyer. An exciting find was the European Lappet-type moth *Cosmotriche lobilina*. We all met at the vehicles at 9am where the new moths were introduced to those who had missed them earlier and after Stefano had taken our group photograph we set off for another day in the mountains.

We made a short stop at the supermarket and were at San Pellegrino Pass before 10am, parking near Miralago. Our aim for the morning was to check the meadows behind the car park which proved to be rich in fauna and flora. Splendid new butterflies were Alpine Heath and Mountain Clouded Yellow. A Roe Deer was spotted and Alpine Marmot and an Adder were seen. Birds were numerous calling and flying between the trees in the meadow. We saw Common Redpoll, Bullfinch and Tree Pipit. A number of large Oak Eggar moths were in flight and most people managed to photograph one resting on a grass stem. Interesting plants included *Crepis aurea* (Golden Hawksbeard), *Veratrum album* (White False Helleborine) and *Phyteuma orbiculare* (Round-headed Rampion).

We picnicked at the vehicles then reviewed the morning's findings before setting off for a walk. We stopped at Miralago to watch thousands of tadpoles at the edge of the lake then made the pleasant short walk to Val Dai Be. Here our best find was Alpine Grayling, a butterfly of restricted range, and we watched a Golden Eagle flying overhead. Happy with our sightings we retired to Ristorante Bar Miralago for refreshments before making the journey back to Tamion.

Our last meeting was at 6.30pm. As we were flying from Venice airport the next day we used the internet to check-in online then we reviewed our week in the Dolomites. We each gave our favourite aspect of the tour and a recurring theme was the wonderful scenery together with a favourite sighting. After dinner the group thanked Stefano on behalf of the hotel for looking after us so well then we retired as we had an early start the next day.

Day 8

Sunday 7th July

Tamion to Venice Airport

Weather: Fine, sunny and hot. 10 degrees C at Tamion rising to 28 degrees at Venice

At 6am we had a light breakfast of tea/coffee, cereals and pastries. In the breakfast room we were joined by a True Lover's Knot moth. After breakfast we said our farewells to Stefano on behalf of the hotel and departed Tamion. Our return route took us back over San Pellegrino Pass, past Agordo to Belluno and then the A27 Autostrada south. The journey was uneventful but we did spot some new birds for the trip list; Green Woodpecker, Little Egret and Great Cormorant. We had a comfort and refuelling stop before driving the last few kilometres to Venice Marco Polo Airport. We said farewell to Andrew and Ronald who were spending a few days in Venice then we focussed on the task in hand and joined the queues for bag drop and security.

Our BA flight took off at 11.50am and we had a good flight back to London Gatwick Airport. We landed at 12.30pm and after passing through immigration and collecting baggage, at 1.15pm we were saying our farewells and going our separate ways with fond memories of a super week in the Italian Dolomites...

These days many participants on Tours use digital cameras to record scenery and sightings. Whilst most of the identifications are made in the field, one or two are made later from photographs to make our trip list as comprehensive as possible.

A tour group is only as good as the people who form it and thanks must go to all members who got on well together, sharing knowledge and expertise to enhance the overall enjoyment of the trip. Special thanks must go to Neil for his enthusiasm with the moths, Hugh with the insects, the birders for keeping an eye on our avian friends, and all the photographers. We shared an enjoyable week and saw many new species in a spectacular mountain environment.

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Hmm, a group of *Lepidopterus britannicus* if I'm not mistaken... An annual visitor to these parts in the summer! (Neil Sherman)

Species List

Butterflies	Location	Elevation	Code
	Venice Airport/motorway svcs		V
	Bellunesi National Park	440m	B
	Tamion	1548m	T
	Val di Monzoni	1526m	M
	Rosengarten	1997m	R
	Predazzo	1018m	Pr
	Park Natural Panvecchio	1450m	P
	Eggental	750-980m	E
	Costalunga Pass	1752m	C
	Sella Pass	2213m	S
	San Pellegrino Pass	1920m	SP

	Common name	Scientific name	June/July							
			30	1	2	3	4	5	6	7
		<u>Papilionidae</u>								
1	Scarce Swallowtail	<i>Iphiclides podalirius</i>	B							
2	Apollo	<i>Parnassius apollo</i>				Pr				
		<u>Pieridae</u>								
3	Black-veined White	<i>Aporia crataegi</i>	B			Pr,P		E	SP	
4	Large White	<i>Pieris brassicae</i>	B					C	SP	
5	Small White	<i>Artogeia rapae</i>	B	T				E		
6	Southern Small White	<i>Artogeia manni</i>				Pr				
7	Mountain Small White	<i>Artogeia ergane</i>					S			
8	Mountain Green-veined White	<i>Artogeia bryoniae</i>		M	R	Pr				SP
9	Green-veined White	<i>Artogeia napi</i>	B		R		S	E	SP	
10	Orange Tip	<i>Anthocharis cardamines</i>				Pr		E		
11	Mountain Clouded Yellow	<i>Colias phicomone</i>								SP
12	Berger's Clouded Yellow	<i>Colias alfacariensis</i>						C		
13	Clouded Yellow	<i>Colias crocea</i>	V				S	E		
13a	female form	<i>Colias crocea f. Helice</i>								SP
14	Brimstone	<i>Gonepteryx rhamni</i>				Pr				
15	Wood White	<i>Leptidea sinapis</i>	B	T,M	R	Pr	T	E	SP	
		<u>Lycaenidae</u>								
16	Green Hairstreak	<i>Callophrys rubi</i>			R			E		
17	Small Copper	<i>Lycaena phlaeas</i>						E		
18	Sooty Copper	<i>Lycaena tityrus subalpinus</i>		T		Pr		E		
19	Provençal Short-tailed Blue	<i>Everes alctas</i>						E		
20	Holly Blue	<i>Celastrina argiolus</i>						E		
21	Little Blue	<i>Cupido minimus</i>		T,M	R	Pr	S	E	SP	
22	Silver-studded Blue	<i>Plebejus argus</i>						E		
22a	subspecies	<i>Plebejus argus aegidon</i>						E		
23	Brown Argus	<i>Aricia agestis</i>	V	T				E,C		
24	Mazarine Blue	<i>Cyaniris semiargus</i>		T,M	R	Pr,P		E,C	SP	
25	Amanda's Blue	<i>Agrodiaetus amandus</i>						E		
26	Common Blue	<i>Polyommatus icarus</i>		T,M	R			E		
		<u>Nymphalidae</u>								
27	White Admiral	<i>Limentis camilla</i>						E		
28	Small Tortoiseshell	<i>Aglais urticae</i>		T	R	Pr	S	E,C	SP	
29	Red Admiral	<i>Vanessa atalanta</i>	B	T	R	Pr,P		E	SP	
30	Comma Butterfly	<i>Polygonia c-album</i>						E		
31	Silver-washed Fritillary	<i>Argynnis paphia</i>						E		
32	Marbled Fritillary	<i>Brenthis daphne</i>						E		
33	Mountain Fritillary	<i>Boloria napaea</i>			R					

	Common name	Scientific name	June/July								
			30	1	2	3	4	5	6	7	
34	Pearl-bordered Fritillary	<i>Clossiana euphrosyne</i>		M					E	SP	
35	False Heath Fritillary	<i>Melitaea diamina</i>				Pr					
36	Heath Fritillary	<i>Mellicta athalia</i>				Pr			E	SP	
37	Marsh Fritillary	<i>Euphydryas aurinia debilis</i>			R			S		SP	
		<u>Satyrinae</u>									
38	Marbled White	<i>Melanargia galathea</i>							E		
39	Alpine Grayling	<i>Oeneis glacialis</i>								SP	
40	Dryad	<i>Minois dryas</i>				Pr					
41	Arran Brown	<i>Erebia ligea</i>							E		
42	Woodland Ringlet	<i>Erebia medusa</i>		M		P				SP	
42a	subspecies	<i>Erebia medusa hippomedusa</i>		T,M	R	P	S	E,C		SP	
43	Bright-eyed Ringlet	<i>Erebia oeme spodia</i>		T						SP	
44	Dewy Ringlet	<i>Erebia pandrose</i>						S			
45	Meadow Brown	<i>Maniola jurtina</i>	B	M					E		
46	Ringlet	<i>Aphantopus hyperantus</i>				Pr			E,T	SP	
47	Small Heath	<i>Coenonympha pamphilus</i>		T					E,C		
48	Pearly Heath	<i>Coenonympha arcania</i>				Pr					
49	Alpine Heath	<i>Coenonympha gardetta</i>								SP	
50	Speckled Wood	<i>Pararge aegeria</i>	B	T,M					E		
51	Northern Wall Brown	<i>Lasiommata petropolitana</i>			R					SP	
52	Large Wall Brown	<i>Lasiommata maera</i>		T					E		
		<u>Hesperiidae</u>									
53	Grizzled Skipper	<i>Pyrgus malvae</i>		T,M	R	P	S	E,C		SP	
54	Warren's Grizzled Skipper	<i>Pyrgus warrensis</i>		T	R			C			
55	Olive Skipper	<i>Pyrgus serratalae</i>		M						SP	
56	Alpine Grizzled Skipper	<i>Pyrgus andromedae</i>		T,M						SP	
57	Dusky Grizzled Skipper	<i>Pyrgus cacaliae</i>						S			
58	Red-underwing Skipper	<i>Spialia sertorius</i>		T,M							
59	Dingy Skipper	<i>Erynnis tages</i>		T,M	R			S	E	SP	
60	Chequered Skipper	<i>Carterocephalus palaemon</i>							E		
61	Essex Skipper	<i>Thymelicus lineola</i>	B						E		
62	Small Skipper	<i>Thymelicus sylvestris</i>	B						E		
63	Large Skipper	<i>Ochlodes venatus</i>	B			Pr			E		

Micro Moths [T - trap, F - field]

	Common name	Scientific name	June/July								
			30	1	2	3	4	5	6	7	
1	Incurvarid	<i>Incurvaria masculella</i>					F				
2	Incurvarid	<i>Incurvaria oehlmanniella</i>					F				
3	Tineid	<i>Tinea trinotella</i>							T		
4	Bird-cherry Ermine	<i>Yponomeuta evonymella</i>							F		
5	Diamond-backed Moth	<i>Plutella xylostella</i>				T	F			T	
6	Tortrix family	<i>Aethes smeathmanniana</i>					T				
7	Tortrix family	<i>Argyrotaenia ljugiana</i>								T	
8	Tortrix family	<i>Cnephasia sp.</i>				T					
9	Tortrix family	<i>Celypha lacunana</i>					T	T			
10	Tortrix family	<i>Phiaris schulziana</i>					F	F			
11	Marbled Orchard Tortrix	<i>Hedya nubiferana</i>							T		
12	Tortrix family	<i>Ancylis badiana</i>							T		
13	Tortrix family	<i>Notocelia cynosbatella</i>		T				T,F	T		
14	Tortrix family	<i>Eucosma campoliliana</i>								T	

	Common name	Scientific name	June/July								
			30	1	2	3	4	5	6	7	
15	Tortrix family	<i>Pammene spiniana</i>								F	
16	Garden Grass-veneer	<i>Chrysoteuchia culmella</i>				F			F	T,F	
17	Crambid Grass Moth family	<i>Crambus pascuella</i>				F					
18	Crambid Grass Moth family	<i>Crambus ericella</i>				F					
19	Crambid Grass Moth family	<i>Crambus pratella</i>				F					
20	Crambid Grass Moth family	<i>Crambus lathoniellus</i>		F		T,F	F		T,F	F	
21	Crambid Grass Moth family	<i>Crambus perlella</i>								T	
22	Crambid Grass Moth family	<i>Catoptria permutatellus</i>								T	
23	Crambid Grass Moth family	<i>Catoptria pinella</i>				F					
24	Crambid family	<i>Eudonia murana</i>		T		T					
25	Crambid family	<i>Cynaeda dentalis</i>							F		
26	Crambid family	<i>Pyrausta purpuralis</i>								F	
27	Crambid family	<i>Sitochroa verticalis</i>							F		
28	Bordered Pearl	<i>Paratalanta pandalis</i>							T		
29	Small Magpie	<i>Anania hortulata</i>							F		
30	Crambid family	<i>Anania funebris</i>								F	
31	Crambid family	<i>Udea decrepitalis</i>		T							
32	Crambid family	<i>Udea alpinalis</i>			F						
33	Rusty-dot Pearl	<i>Udea ferrugalis</i>		T	T						T
34	Large Tabby	<i>Aglossa pinguinalis</i>									
35	Spruce Cone Worm	<i>Dioryctria abietella</i>									T
36	Pyralid	<i>Assara terebrella</i>									T
37	Beautiful Plume	<i>Amblyptilia acanthadactyla</i>						T			
38	Plume Moth sp.					F					

Macro Moths

1	Ghost Moth	<i>Hepialus humuli humuli</i>									T	
2	Map-winged Swift	<i>Hepialus fusconebulosa</i>		T							T	
3	Goat Moth (Caterpillar)	<i>Cossus cossus</i>							F			
4	Forester	<i>Adscita statures</i>		F		F						
5	Six-spot Burnet	<i>Zygaena filipendulae</i>	F						F			
6	Five-spot Burnet	<i>Zygaena trifolii</i>							F			
7	Transparent Burnet	<i>Zygaena purpuralis</i>				F			F			
8	unnamed Burnet	<i>Zygaena osterodensis</i>		F								
9	Oak Eggar	<i>Lasiocampa quercus</i>									F	
10	unnamed Lappet	<i>Cosmotriche lobilina</i>									T	
11	Pine-tree Lappet	<i>Dendrolimus pini</i>			T							
12	Common Lutestring	<i>Ochropacha duplaris</i>					T				T	
13	Red Twin-spot Carpet	<i>Xanthorhoe spadicearia</i>		F	F	F	F				T,F	
14	Silver-ground Carpet	<i>Xanthorhoe montanata</i>		F	F	T	T		T,F		F	
15	Garden Carpet	<i>Xanthorhoe fluctuata</i>									T	
16	Shaded Broad-bar	<i>Scotopteryx chenopodiata</i>							F			
17	Small Argent and Sable	<i>Epirrhoe tristata</i>		F	F		F					
18	Common Carpet	<i>Epirrhoe alternata</i>			F							
19	Yellow-ringed Carpet	<i>Entephria flavicinctata</i>			T							
20	Water Carpet	<i>Lampropteryx suffumata</i>									T	
21	Common Marbled Carpet	<i>Chloroclysta truncata</i>					T				T	
22	Spruce Carpet	<i>Thera britannica</i>		T	T	T	T		T		T	
23	Beech-green Carpet	<i>Colostygia olivata</i>							T			
24	May Highflyer	<i>Hydriomena impluviata</i>									T	
25	Ruddy Highflyer	<i>Hydriomena ruberata</i>		T								

	Common name	Scientific name	June/July								
			30	1	2	3	4	5	6	7	
26	Fern	<i>Horisme tersata</i>		T	T	T	T	T	T,F	T	
27	Barberry Carpet	<i>Pareulype berberata</i>		T				T	T,F		
28	White-banded Carpet	<i>Spargania luctuata</i>			F						
29	Dotted Chalk Carpet	<i>Melanthia alaudaria</i>			F						
30	Argent and Sable	<i>Rheumaptera hastata</i>			F						
31	Scallop Shell	<i>Rheumaptera undulata</i>		F							
32	Small Rivulet	<i>Perizoma alchemillata</i>								T	
33	Heath Rivulet	<i>Perizoma minorata</i>								T	
34	Pretty Pinion	<i>Perizoma blandiata</i>		T						T	
35	Grass Rivulet	<i>Perizoma albulata</i>	F	T	F			T,F	F	F	
36	Marsh Pug	<i>Eupithecia pygmaeata</i>						F			
37	Netted Pug	<i>Eupithecia venosata</i>						T		T	
38	Bordered Pug	<i>Eupithecia succenturiata</i>							T	T	
39	Larch Pug	<i>Eupithecia lariciata</i>		T	T	T	T	T	T	T	
40	Dwarf Pug	<i>Eupithecia tantillaria</i>				F	T				
41	Chimney Sweeper	<i>Odezia atrata</i>		F						F	
42	Clouded Border	<i>Lomaspilis marginata</i>		F		T			T		
43	Scorched Carpet	<i>Ligdia adustata</i>	F								
44	Tawny-barred Angle	<i>Macararia liturata</i>		T,F	T			T	T	T	
45	Latticed Heath	<i>Chiasma clathrata clathrata</i>		T,F	F	T	T	T,F	F	T,F	
46	Netted Mountain Moth	<i>Macaria carbonaria</i>								F	
47	Brimstone Moth	<i>Opisthoptis luteolata</i>		T		T					
48	Speckled Yellow	<i>Pseudopanthera macularia</i>		F	F	F				F	
49	Scalloped Hazel	<i>Odontopera bidentata</i>		T				T	T	T	
50	Swallow-tailed Moth	<i>Ourapteryx sambucaria</i>	F								
51	Orange Moth	<i>Angerona prunaria</i>							F		
52	Peppered Moth	<i>Biston betularia</i>	F		T			T		T	
53	Mottled Beauty	<i>Alcis repandata repandata</i>		T				T	T		
54	Common Heath	<i>Ematurga atomaria</i>		F	F					F	
55	Common White Wave	<i>Cabera pusaria</i>		T							
56	Common Wave	<i>Cabera exanthemata</i>		F		T,F	T	T	T,F	F	
57	Unnamed Geometrid	<i>Charissa pullata</i>				T			T,F	T	
58	Unnamed Geometrid	<i>Elophos vittaria mendicaria</i>		T		T					
59	Yellow Banded	<i>Psodos quadrifaria</i>			F			F		F	
60	Black-veined Moth	<i>Siona lineata</i>				F					
61	Pine Hawk-moth	<i>Hyloicus pinastris</i>		T	F	T	T	T	T,F	T	
62	Poplar Hawk-moth	<i>Laothoe populi</i>		T	T	T	T				
63	Broad-bordered Bee Hawk-moth	<i>Hemaris fuciformis</i>							F		
64	Hummingbird Hawk-moth	<i>Macroglossum stellatarum</i>		F							
65	Lobster Moth	<i>Stauropus fagi</i>	F								
66	Pebble Prominent	<i>Notodonta ziczac</i>			T						
67	Coxcomb Prominent	<i>Ptilodon capucina</i>			F			T		T	
68	Pale Prominent	<i>Pterostoma palpina</i>							T		
69	Pale Tussock	<i>Calliteara pudibunda</i>	F								
70	Red-necked Footman	<i>Atolmis rubricolis</i>		F						T	
71	Four-dotted Footman	<i>Cybosia mesomella</i>				F					
72	Buff Footman	<i>Eilema depressa</i>							F		
73	Common Footman	<i>Eilema lurideola</i>						T			
74	Patton's Tiger	<i>Hyphoraia testudinarta</i>		F		T					
75	Clouded Buff	<i>Diacrisia sannio</i>		F	T				T		
76	Nine Spotted	<i>Amata phegea</i>	F								

	Common name	Scientific name	June/July							
			30	1	2	3	4	5	6	7
77	Heart and Club	<i>Agrotis clavis</i>		T						
78	Heart and Dart	<i>Agrotis exclamationis</i>		T	T	T	T			
79	Dark Sword-grass	<i>Agrotis ipsilon</i>		T	T	T				
80	Large Yellow Underwing	<i>Noctua pronuba</i>		T	T	T	T	T	T	
81	Broad-bordered Yellow Underwing	<i>Noctua fimbriata</i>								T
82	True Lover's Knot	<i>Locophotia porphyrea</i>		T	T	T	T	T	T	F
83	Ingrailed Clay	<i>Diarsia mendica</i>					T			
84	Great Brocade	<i>Eurios occulta</i>								T
85	Green Arches	<i>Anaplectoides prasina</i>					T	T		
86	Shears	<i>Hada plejeba</i>			T		T,F	T,F	T	
87	Bordered Gothic	<i>Heliophobus reticulata</i>		T		T	T	T		
88	Beautiful Brocade	<i>Lacanoba contigua</i>						T		
89	Pale-shouldered Brocade	<i>Lacanobia thalassina</i>		T		T				T
90	Glaucous Shears	<i>Papestra biren</i>		T	T	T	F	T	T,F	
91	Broom Moth	<i>Melandra pisi</i>		T						
92	Campion	<i>Hadena rivularis</i>				T				
93	Shoulder-striped Wainscot	<i>Mythimna comma</i>		T,F		T	T	T	T	
94	Shark	<i>Cucullia umbratica</i>			T					
95	Beautiful Arches	<i>Blepharita satura</i>		T	T					
96	Dark Brocade	<i>Bepharita adusta</i>				T	T,F	T,F		
97	Brown Rustic	<i>Rusina ferruginea</i>		T		T	T	T	T	
98	Saxon	<i>Hyppa rectilinea</i>		T				T	T	
99	Reddish Light Arches	<i>Apamea sublustris</i>		T		T	T	T	T	
100	Northern Arches	<i>Apamea zeta assimilis</i>								T
101	Clouded Bordered Brindle	<i>Apamea crenata</i>		T						
102	Marbled Minor agg.	<i>Oligia strigilis (Complex)</i>		T			T	T	T	
103	Silver Y	<i>Autographa gamma</i>		T,F	T,F	T,F	T,F	T,F	T,F	
104	Beautiful Golden Y	<i>Autographa pulchrina</i>				T	T			
105	Spectacle	<i>Abrostola tripartita</i>						T		
106	Burnet Companion	<i>Euclidia glyphica</i>		F	F	F	F	F		
107	Small Purple-barred	<i>Phyometra viridaria</i>		F	F		F			
108	Unnamed Noctuid	<i>Panthea coenobita</i>		T				T	T	
109	Paignton Snout	<i>Hypena obesalis</i>		T						
110	Smoky Wave	<i>Scopula ternata</i>								F

Plants

Scientific Name**Common Name****PTERIDOPHYTES****FERNS & ALLIES****Aspleniaceae***Asplenium ruta-muraria**Asplenium viride**Asplenium trichomanes***Spleenwort family**

Wall Rue

Green Spleenwort

Maidenhair Spleenwort

Dryopteridaceae*Dryopteris filix-mas**Polystichum lonchitis***Buckler-fern Family**

Male-fern

Holly-fern

Ophioglossaceae*Botrychium lunaria***Adder's-tongue Family**

Moonwort

Scientific Name	Common Name
Woodsiaceae	Lady-fern Family
<i>Cystopteris fragilis</i>	Brittle Bladder-fern
<i>Gymnocarpium dryopteris</i>	Oak Fern
PINOPSIDA	CONIFERS
Cupressaceae	Juniper Family
<i>Juniperus communis</i>	Common Juniper
<i>Juniperus communis subsp. alpina</i>	Dwarf Juniper
Pinaceae	Pine Family
<i>Larix decidua</i>	European Larch
<i>Picea abies subsp. abies</i>	Spruce
<i>Pinus cembra</i>	Arolla Pine
<i>Pinus mugo</i>	Dwarf Mountain Pine
<i>Pinus sylvestris</i>	Scots Pine
MAGNOLIOPSIDA	FLOWERING PLANTS
	Magnoliidae
Apiaceae	Carrot Family
<i>Anthriscus sylvestris</i>	Cow Parsley
<i>Daucus carota</i>	Wild Carrot
<i>Heracleum mantagazzianum</i>	Giant Hogweed
<i>Heracleum sphondylium</i>	Hogweed
<i>Laserpitium latifolium</i>	Broad-leaved Sermountain
<i>Ligusticum mutellina</i>	Alpine Lovage
<i>Peucedanum verticillare</i>	Giant Hog's Fennel
<i>Pimpinella major</i>	Greater Burnet-saxifrage
Asclepiadaceae	Milkweed Family
<i>Vincetoxicum hirundinaria</i>	Swallow-wort
Asteraceae	Daisy Family
<i>Achillea clavennae</i>	Silvery Milfoil
<i>Achillea millefolium</i>	Yarrow
<i>Adenostyles alpinus</i>	Adenostyles
<i>Antennaria carpatica</i>	Carpathian Cat's-foot
<i>Antennaria dioica</i>	Cat's-foot
<i>Arnica montana</i>	Arnica
<i>Aster alpinus</i>	Alpine Aster
<i>Aster bellidiastrum</i>	False Aster
<i>Buphthalmum salicifolium</i>	Yellow Oxeye
<i>Cirsium erisithales</i>	Yellow Melancholy Thistle
<i>Cirsium heterophyllum</i>	Melancholy Thistle
<i>Cirsium palustre</i>	Marsh Thistle
<i>Crepis aurea</i>	Golden Hawk's-beard
<i>Crepis biennis</i>	Biennial Hawk's-beard
<i>Erigeron annuus</i>	Annual Aster
<i>Erigeron uniflorus</i>	One-flowered Fleabane
<i>Homogyne alpina</i>	Alpine Colt's-foot
<i>Hypochaeris uniflora</i>	Giant Cat's-ear
<i>Jacobaea (Senecio) alpinus</i>	Alpine Ragwort

Scientific Name	Common Name
<i>Leontopodium alpinum</i>	Edelweiss
<i>Leucanthemum vulgare</i>	Ox-eye daisy
<i>Petasites alba</i>	White Butterbur
<i>Pilosella officinarum</i> agg.	Mouse-eared Hawkweed
<i>Taraxacum</i> agg.	Dandelion
<i>Tephrosieris longifolia</i> (<i>S. ovirensis</i>)	Southern Ragwort
<i>Tragopogon dubius</i>	a Goat's-beard
Berberidaceae	Barberry Family
<i>Berberis vulgaris</i>	Barberry
Betulaceae	Birch Family
<i>Betula pendula</i>	Silver Birch
<i>Ostrya carpinifolia</i>	Hop Hornbeam
Boraginaceae	Forget-me-not Family
<i>Anchusa undulata</i>	-
<i>Echium vulgare</i>	Viper's-bugloss
<i>Myosotis alpestris</i>	Alpine Wood Forget-me-not
Brassicaceae	Cabbage Family
<i>Arabis caucasica</i> subsp. <i>alpina</i>	Alpine Rock-cress
<i>Biscutella laevigata</i>	Buckler Mustard
<i>Capsella bursa-pastoris</i>	Shepherd's Purse
<i>Cardamine amara</i>	Large Bitter-cress
<i>Cardamine resedifolia</i>	Mignonette-leaved Bitter-cress
Campanulaceae	Bellflower Family
<i>Campanula barbata</i>	Bearded Bellflower
<i>Campanula cochlearifolia</i>	Fairies Thimbles
<i>Campanula glomerata</i>	Clustered Bellflower
<i>Campanula rapunculoides</i>	Creeping Bellflower
<i>Campanula scheuchzeri</i>	-
<i>Phyteuma orbiculare</i>	Round-headed Rampion
<i>Phyteuma ovatum</i>	Dark Rampion
<i>Phyteuma scheuchzeri</i>	-
<i>Phyteuma sieberi</i>	a Rampion
Caprifoliaceae	Honeysuckle Family
<i>Lonicera alpigena</i>	Alpine Honeysuckle
<i>Lonicera xylosteum</i>	Fly Honeysuckle
<i>Sambucus nigra</i>	Elderberry
<i>Sambucus racemosa</i>	Red-berried Elderberry
Caryophyllaceae	Pink Family
<i>Arenaria ciliata</i>	Ciliate Sandwort
<i>Cerastium arvense</i>	Field Mouse-ear
<i>Cerastium uniflorum</i>	One-flowered Mouse-ear
<i>Lychnis flos-cuculi</i>	Ragged Robin
<i>Minuartia sedoides</i>	Mossy Cyphel
<i>Minuartia verna</i>	Spring Sandwort
<i>Saponaria ocymoides</i>	Rock Soapwort
<i>Silene acaulis</i>	Moss Campion

Scientific Name	Common Name
<i>Silene alpestris</i>	Alpine Catchfly
<i>Silene dioica</i>	Red Campion
<i>Silene italica</i>	Italian Catchfly
<i>Silene vulgaris</i>	Bladder Campion
Chenopodiaceae	Goosefoot Family
<i>Chenopodium bonus-henricus</i>	Good King Henry
Cistaceae	Rock-rose Family
<i>Helianthemum nummularium</i>	Rock-rose
Crassulaceae	Stonecrop Family
<i>Sedum dasyphyllum</i>	Fat-leaved Stonecrop
Dipsacaceae	Teasel Family
<i>Knautia arvensis</i>	Field Scabious
Ericaceae	Heather Family
<i>Arctostaphylos uva-ursi</i>	Bearberry
<i>Erica carnea</i>	Spring Heath
<i>Loiseleuria procumbens</i>	Trailing Azalea
<i>Rhododendron ferrugineum</i>	Alpenrose
<i>Rhododendron hirsutum</i>	Hairy Alpenrose
<i>Vaccinium myrtillus</i>	Bilberry
<i>Vaccinium vitis-idaea</i>	Cowberry
Fabaceae	Pea Family
<i>Anthyllis vulneraria agg</i>	Kidney Vetch
<i>Astragalus alpinus</i>	Alpine Milk-vetch
<i>Astragalus glycyphyllos</i>	Wild Liquorice
<i>Coronilla scorpioides</i>	Annual Scorpion Vetch
<i>Genista tinctoria</i>	Dyer's Greenweed
<i>Hippocrepis comosa</i>	Horseshoe Vetch
<i>Lathyrus pratensis</i>	Meadow Vetchling
<i>Lathyrus sylvestris</i>	Narrow-leaved Everlasting Pea
<i>Lotus alpinus</i>	Alpine Bird's-foot Trefoil
<i>Onobrychis arenaria</i>	Small Sainfoin
<i>Onobrychis montana</i>	Mountain Sainfoin
<i>Oxytropis campestris</i>	Yellow Milk-vetch
<i>Oxytropis halleri</i>	Haller's Milk-vetch
<i>Trifolium badum</i>	Brown Clover
<i>Trifolium hybridum</i>	Alsike
<i>Trifolium medium</i>	Zigzag Clover
<i>Trifolium pratense subsp. pratense</i>	Red Clover
<i>Trifolium repens</i>	White Clover
<i>Vicia cracca</i>	Tufted Vetch
<i>Vicia sepium</i>	Bush Vetch
Gentianaceae	Gentian Family
<i>Gentiana barvarica</i>	Bavarian Gentian
<i>Gentiana clusii</i>	Clusius's Gentian
<i>Gentiana nivalis</i>	Snow Gentian
<i>Gentiana punctata</i>	Spotted Gentian

Scientific Name	Common Name
<i>Gentiana verna</i>	Spring Gentian
<i>Gentianella germanica</i>	Chiltern or German Gentian
Geraniaceae	Crane's-bill Family
<i>Geranium pyrenaicum</i>	Hedgerow Crane's-bill
<i>Geranium sylvaticum</i>	Wood Crane's-bill
Globulariaceae	Globularia Family
<i>Globularia cordifolia</i>	Matted Globularia
Lamiaceae	Dead-nettle Family
<i>Ajuga pyramidalis</i>	Pyramidal Bugle
<i>Horminium pyrenaicum</i>	Dragonmouth
<i>Prunella vulgaris</i>	Self-heal
<i>Salvia pratensis</i>	Meadow Clary
<i>Stachys alopecuroides</i>	Yellow Betony
<i>Thymus polytrichus</i>	Wild Thyme
Lentibulariaceae	Bladderwort Family
<i>Pinguicula alpina</i>	Alpine Butterwort
<i>Pinguicula vulgaris</i>	Butterwort
Linaceae	Flax Family
<i>Linum catharticum</i>	Purging or Fairy Flax
Onagraceae	Willowherb Family
<i>Chamerion angustifolium</i>	Rosebay Willowherb
Orobanchaceae	Broomrape Family
<i>Orobanche gracilis</i>	Slender Broomrape
Oxalidaceae	Oxalis Family
<i>Oxalis acetosella</i>	Wood Sorrel
Papaveraceae	Poppy Family
<i>Papaver aurantiacum</i> (<i>P. rhaeticum</i>)	Rhaetian Poppy
Plantaginaceae	Plantain Family
<i>Plantago lanceolata</i>	Ribwort Plantain
<i>Plantago major</i>	Greater Plantain
<i>Plantago media</i>	Hoary Plantain
Plumbaginaceae	Thrift Family
<i>Armeria maritima</i> subsp. <i>alpina</i>	Mountain Thrift
Polygalaceae	Milkwort Family
<i>Polygala alpestris</i>	Mountain Milkwort
<i>Polygala chamaebuxus</i>	Shrubby Milkwort
<i>Polygala vulgaris</i>	Common Milkwort
Polygonaceae	Knotweed Family
<i>Persicaria vivipara</i>	Alpine Bistort
<i>Rumex acetosa</i>	Sorrel

Scientific Name	Common Name
<i>Rumex alpinus</i>	Monk's Rhubarb
Primulaceae	Primrose Family
<i>Androsace obtusifolia</i>	-
<i>Primula elatior</i>	Oxlip
<i>Primula farinosa</i>	Bird's-eye Primrose
<i>Primula halleri</i>	Long-flowered Primrose
<i>Primula veris</i>	Cowslip
<i>Soldanella alpina</i>	Alpine Snowbell
Pyrolaceae	Wintergreen Family
<i>Moneses uniflora</i>	One-flowered Wintergreen
Ranunculaceae	Buttercup Family
<i>Aconitum lycoctonum subsp. vulparia</i>	Wolf's-bane
<i>Anemone baldense</i>	Monte Baldo Anemone
<i>Aquilegia atrata</i>	Dark Columbine
<i>Caltha palustris</i>	Marsh Marigold
<i>Clematis alpina</i>	Alpine Clematis
<i>Hepatica nobilis</i>	Hepatica
<i>Pulsatilla alpina subsp. apiifolia</i>	Yellow Alpine Pasque Flower
<i>Ranunculus aconitifolius</i>	Aconite-leaved Buttercup
<i>Ranunculus acris</i>	Meadow Buttercup
<i>Trollius europaeus</i>	Globeflower
Rosaceae	Rose Family
<i>Alchemilla alpina</i>	Alpine Lady's-mantle
<i>Alchemilla glabra</i>	Smooth Lady's-mantle
<i>Aruncus dioicus</i>	Goat's-beard Spirea
<i>Dryas octopetala</i>	Mountain Avens
<i>Filipendula ulmaria</i>	Meadowsweet
<i>Filipendula vulgaris</i>	Dropwort
<i>Fragaria vesca</i>	Wild Strawberry
<i>Geum montanum</i>	Alpine Avens
<i>Geum rivale</i>	Water Avens
<i>Geum urbanum</i>	Wood Avens
<i>Potentilla anserina</i>	Silverweed
<i>Potentilla aurea</i>	Golden Cinquefoil
<i>Potentilla erecta</i>	Tormentil
<i>Potentilla nitida</i>	Pink Cinquefoil
<i>Rosa pendulina</i>	Alpine Rose
<i>Rubus idaeus</i>	Raspberry
<i>Rubus saxatilis</i>	Stone Bramble
<i>Sorbus aria</i>	Whitebeam
<i>Sorbus aucuparia</i>	Rowan
Salicaceae	Willow Family
<i>Populus tremula</i>	Aspen
<i>Salix breviserrata</i>	Finely-toothed Willow
<i>Salix caprea</i>	Goat Willow
<i>Salix herbacea</i>	Least Willow
<i>Salix reticulata</i>	Net-leaved Willow

Scientific Name	Common Name
Santalaceae	Sandalwood Family
<i>Thesium linophyllum</i>	-
Saxifragaceae	Saxifrage Family
<i>Saxifraga aizoides</i>	Yellow Mountain Saxifrage
<i>Saxifraga caesia</i>	Blue Saxifrage
<i>Saxifraga exarata subsp. moschata</i>	White Musky Saxifrage
<i>Saxifraga paniculata</i>	Live-long Saxifrage
<i>Saxifraga rotundifolia</i>	Round-leaved Saxifrage
Scrophulariaceae	Figwort Family
<i>Bartsia alpina</i>	Alpine Bartsia
<i>Linaria alpina</i>	Alpine Toadflax
<i>Melampyrum sylvaticum</i>	Wood Cow-wheat
<i>Paederota bonarota</i>	Bluish Paederota
<i>Pedicularis ascendens</i>	Ascending Lousewort
<i>Pedicularis verticillata</i>	Verticillate Lousewort
<i>Rhinanthus aristatus</i>	Aristate Rattle
<i>Rhinanthus minor agg.</i>	Hay Rattle
<i>Scrophularia canina subsp. hoppii</i>	Alpine Figwort
<i>Veronica beccabunga</i>	Brooklime
<i>Veronica chamaedrys</i>	Germander Speedwell
<i>Veronica fruticulosa</i>	-
<i>Veronica officinalis</i>	Heath Speedwell
<i>Veronica serpyllifolia subsp. serpyllifolia</i>	Thyme-leaved Speedwell
Thymelaeaceae	Daphne Family
<i>Daphne striata</i>	a Daphne
Urticaceae	Nettle Family
<i>Urtica dioica</i>	Common Nettle
Valerianaceae	Valerian Family
<i>Valeriana montana</i>	Mountain Valerian
<i>Valeriana officinalis</i>	Common Valerian
<i>Valeriana tripteris</i>	Three-leaved Valerian
Violaceae	Violet Family
<i>Viola biflora</i>	Yellow Wood Violet
<i>Viola riviniana</i>	Common Dog Violet
<i>Viola tricolor subsp. subalpina</i>	Heartsease
Liliidae (Monocotyledons)	
Cyperaceae	Sedge Family
<i>Eriophorum angustifolium</i>	Common Cotton-grass
Liliaceae	Lily Family
<i>Lillium bulbiferum subsp. bulbiferum</i>	Orange Lily
<i>Lillium martagon</i>	Martagon Lily
<i>Paradisea liliastrum</i>	St. Bruno's Lily
<i>Paris quadrifolia</i>	Herb Paris
<i>Polygonatum verticillatum</i>	Whorled Solomon's-seal

Scientific Name	Common Name
<i>Tofieldia calyculata</i>	Tofield's Asphodel
<i>Veratrum album</i>	White False Helleborine
Orchidaceae	Orchid Family
<i>Coeloglossum viride</i>	Frog Orchid
<i>Corallorhiza trifida</i>	Coralroot Orchid
<i>Cypripedium calceolus</i>	Lady's Slipper Orchid
<i>dactylorhiza alpestris</i>	Alpine Broad-leaved Marsh Orchid
<i>Dactylorhiza fuchsii</i>	Common Spotted-orchid
<i>Dactylorhiza majalis</i>	Broad-leaved Marsh Orchid
<i>Gymnadenia albida</i>	Small White Orchid
<i>Gymnadenia austriaca</i>	Austrian Vanilla Orchid
<i>Gymnadenia conopsea subsp. conopsea</i>	Fragrant Orchid
<i>Gymnadenia conopsea subsp. densiflora</i>	Marsh Fragrant Orchid
<i>Gymnadenia odoratissima</i>	Short-spurred Fragrant Orchid
<i>Gymnadenia rubra</i>	Red Vanilla Orchid
<i>Neottia nidus-avis</i>	Bird's-nest Orchid
<i>Neottia ovata</i>	Twayblade
<i>Ophrys insectifera</i>	Fly Orchid
<i>Orchis militaris</i>	Military Orchid
<i>Orchis ustulata</i>	Burnt Orchid
<i>Platanthera bifolia</i>	Lesser Butterfly Orchid
<i>Traunsteinera globosa</i>	Round-headed Orchid

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

	Common name	Scientific name	June/July							
			30	1	2	3	4	5	6	7
1	Common Quail	<i>Coturnix coturnix</i>						H		
2	Mallard	<i>Anas platyrhynchos</i>	1			2			4	7
3	Grey Heron	<i>Ardea cinerea</i>				3		1		
4	Little Egret	<i>Egretta garzetta</i>								3
5	Great Cormorant	<i>Phalacrocorax carbo</i>								1
6	European Honey Buzzard	<i>Pernis apivorus</i>		2						
7	Short-toed Snake Eagle	<i>Circaetus gallicus</i>		1						
8	Common Buzzard	<i>Buteo buteo</i>	1				1	4		2
9	Golden Eagle	<i>Aquila chrysaetos</i>							1	
10	Common Kestrel	<i>Falco tinnunculus</i>	1		1					
11	Yellow-legged Gull	<i>Larus michahellis</i>	4							21
12	(Feral) Rock Dove	<i>Columba livia</i>	✓	✓						✓
13	Common Wood Pigeon	<i>Columba palumbus</i>	6							6
14	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	2							3
15	European Turtle Dove	<i>Streptopelia turtur</i>	1							
16	Common Cuckoo	<i>Cuculus canorus</i>					H			
17	European Scops Owl	<i>Otus scops</i>								H
18	Alpine Swift	<i>Tachymarptis melba</i>		12						
19	Common Swift	<i>Apus apus</i>	6	2	1		20	4	4	4
20	Great Spotted Woodpecker	<i>Dendrocopos major</i>			1	1	1	1		
21	European Green Woodpecker	<i>Picus viridis</i>								2
22	Eurasian Jay	<i>Garrulus glandarius</i>				2		1		
23	Eurasian Magpie	<i>Pica pica</i>	4	3	3		2	2	1	1
24	Spotted Nutcracker	<i>Nucifraga caryocatactes</i>		1	14	H	5	H	1	
25	Alpine Chough	<i>Pyrrhocorax graculus</i>				10	7			

	Common name	Scientific name	June/July							
			30	1	2	3	4	5	6	7
26	Carrion Crow	<i>Corvus corone</i>		5	4	6	4	6	4	6
27	Hooded Crow	<i>Corvus cornix</i>	6	1				2	2	4
28	Northern Raven	<i>Corvus corax</i>			1		1		1	
29	Marsh Tit	<i>Poecile palustris</i>		1				1		
30	Willow Tit	<i>Poecile montanus</i>						H		
31	Coal Tit	<i>Periparus ater</i>	H	4	H	H	H	3	H	
32	European Crested Tit	<i>Lophophanes cristatus</i>	H	H		H	H	H		
33	Great Tit	<i>Parus major</i>	H	H	1		H		1	1
34	Barn Swallow	<i>Hirundo rustica</i>	6	6	24	25	20	6	6	6
35	Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>	1	5	4	8	6	10	2	4
36	Common House Martin	<i>Delichon urbicum</i>			11	4	10	10	6	4
37	Long-tailed Tit	<i>Aegithalos caudatus</i>	H			H				
38	Common Chiffchaff	<i>Phylloscopus collybita</i>	H	H	H		H	H	H	
39	Eurasian Blackcap	<i>Sylvia atricapilla</i>	H	H	H	H	H	1	H	H
40	Lesser Whitethroat	<i>Sylvia curruca</i>			1	H				
41	Common Whitethroat	<i>Sylvia communis</i>	H							
42	Common Firecrest	<i>Regulus ignicapilla</i>	H			H			H	
43	Eurasian Wren	<i>Troglodytes troglodytes</i>			H					
44	Eurasian Nuthatch	<i>Sitta europaea</i>		2	H	H		1	H	
45	Eurasian Treecreeper	<i>Certhia familiaris</i>			1			H	H	
46	Common Starling	<i>Sturnus vulgaris</i>	20							200
47	Ring Ouzel	<i>Turdus torquatus</i>				2	2	1		
48	Common Blackbird	<i>Turdus merula</i>		2	1	2	2	2	1	2
49	Fieldfare	<i>Turdus pilaris</i>		2	9	12	6	5	6	
50	Song Thrush	<i>Turdus philomelos</i>		1	2			1		
51	Mistle Thrush	<i>Turdus viscivorus</i>		2	4	1		1	2	1
52	European Robin	<i>Erithacus rubecula</i>		H	H	H				
53	Black Redstart	<i>Phoenicurus ochruros</i>	2	2	4	6	4		7	
54	Common Redstart	<i>Phoenicurus phoenicurus</i>		1	1	1	1			
55	Whinchat	<i>Saxicola rubetra</i>							1	
56	Northern Wheatear	<i>Oenanthe oenanthe</i>					1			
57	White-throated Dipper	<i>Cinclus cinclus</i>				1				
58	House Sparrow	<i>Passer domesticus</i>	✓	✓	✓	✓	✓	✓	✓	✓
58a	Italian House Sparrow	<i>Passer domesticus italiae</i>	5	2	2	2	1	1	2	1
59	White-winged Snowfinch	<i>Montifringilla nivalis</i>					4			
60	Dunnock	<i>Prunella modularis</i>			H				H	
61	Grey Wagtail	<i>Motacilla cinerea</i>		H		1		2		
62	White Wagtail	<i>Motacilla alba alba</i>	1	1	2	2	2	1	1	2
63	Meadow Pipit	<i>Anthus pratensis</i>					1			
64	Tree Pipit	<i>Anthus trivialis</i>		2	H			H	1	
65	Water Pipit	<i>Anthus spinoletta</i>					4			
66	Common Chaffinch	<i>Fringilla coelebs</i>	H	4	6	6	4	4	4	H
67	European Serin	<i>Serinus serinus</i>	1		2	2	2			2
68	European Greenfinch	<i>Carduelis chloris</i>			3		H	1		
69	Eurasian Siskin	<i>Carduelis spinus</i>		3				1	6	
70	European Goldfinch	<i>Carduelis carduelis</i>		H	2	2	2	3	1	H
71	Common Redpoll	<i>Carduelis flammea</i>							3	
72	Common Linnet	<i>Carduelis cannabina</i>				3			2	
73	Red Crossbill	<i>Loxia curvirostra</i>	1	1		1			2	
74	Eurasian Bullfinch	<i>Pyrrhula pyrrhula</i>			1	4	1		1	H
75	Yellowhammer	<i>Emberiza citrinella</i>		H			H	H	1	

	Common name	Scientific name	June/July						
			30	1	2	3	4	5	6

Mammals

1	Alpine Marmot	<i>Marmota marmote</i>				13	3			3	
2	Red Squirrel	<i>Sciurus vulgaris</i>		1	1	1					
3	Red Fox	<i>Vulpes vulpes</i>	1								
4	Alpine Chamois	<i>Rupicapra rupicapra</i>			1						
5	European Roe Deer	<i>Capreolus capreolus</i>								1	
6	Bat sp.		✓						✓		

Reptiles & amphibians

1	Alpine Salamander	<i>Salamandra atra</i>				✓					
2	Common Frog	<i>Rana temporaria</i>							✓		
3	Agile Frog	<i>Rana dalmatina</i>				✓					
4	Common Wall Lizard	<i>Podarcis muralis</i>		✓	✓	✓	✓	✓	✓	✓	
5	Slow Worm	<i>Anguis fragilis</i>							✓		
6	Adder	<i>Vipers berus</i>					✓			✓	

Grasshoppers and Crickets

1	Alpine Dark Bush-cricket	<i>Pholidoptera aptera</i>							✓		
2	Dark Bush-cricket	<i>Pholidoptera griseoptera</i>							✓		
3	Wart-biter	<i>Decticus verrucivorus</i>		✓							
4	Green Mountain Grasshopper	<i>Miramella alpina</i>							✓		
5	Great Green Bush-cricket	<i>Tettigonia viridissima</i>							nymph		

Dragonflies & Damselflies

1	Common Goldenring	<i>Cordulegaster boltonii</i>	✓								
2	Red-veined Darter	<i>Sympetrum fonscolombii</i>	✓								
3	Common Darter	<i>Sympetrum striolatum</i>	✓								
4	Broad-bodied Chaser	<i>Libellula depressa</i>							✓		

Other insects

Shield Bugs											
1	Forest Bug	<i>Pentatoma rufipes</i>							✓	✓	
2	(black/red striped)	<i>Graphosoma italicum</i>				✓			✓		
3	Dock Bug	<i>Coreus marginatus</i>							✓		
Ground Bugs											
4	(red/black)	<i>Lygaeus saxatilis</i>				✓					
5	(red/black, white on forewing)	<i>Lygaeus equestris</i>			✓	✓					
Water Bugs											
6	Common Pond Skater	<i>Gerris lacustris</i>	✓			✓					
Froghoppers											
7	(black/red spots)	<i>Cercopis vulnerata</i>		✓		✓			✓		
Hover-flies											
8	Marmalade Hoverfly	<i>Episyrphus balteatus</i>				✓				✓	
9	(gap in top yellow band)	<i>Syrphus ribesii</i>				✓					
10	(black wing panel)	<i>Volucella pellucens</i>				✓					
11	(2 yellow bands)	<i>Chrysotoxum bicinctum</i>				✓					
Scorpion Flies											
12	Scorpion Fly	<i>Panorpa meridionalis</i>		✓		✓			✓		
Other Flies											
13	Bee-fly	<i>Bombylius major</i>		✓					✓		
14	Bee-fly (black wings)	<i>Bombyllus sp.</i>		✓							
15	Cleg-fly	<i>Haematopota pluvialis</i>							✓		

	Common name	Scientific name	June/July							
			30	1	2	3	4	5	6	7
16	Stonefly	<i>Perlodes microcephala</i>			✓					
Ichneumons										
17	(red)	<i>Ophion luteus</i>		✓			✓	✓		
18	(large - black and white body)	<i>Rhyssa persuasoria</i>		✓		✓	✓			
Ants										
19	Wood Ant	<i>Formica rufa</i>		✓	✓	✓	✓	✓	✓	
Wasps										
20	European Paper Wasp	<i>Polistes dominula</i>	✓			✓				
Bees										
21	Honey Bee	<i>Apis mellifera</i>		✓	✓	✓	✓	✓	✓	
22	White-tailed Bumblebee	<i>Bombus lucorum</i>			✓	✓		✓	✓	
23	Buff-tailed Bumblebee	<i>Bombus terrestris</i>		✓						
24	Red-tailed Bumblebee	<i>Bombus lapidarius</i>		✓	✓	✓	✓	✓	✓	
25	Common Carder-bee	<i>Bombus pascuorum</i>						✓		
26	Cuckoo Bee	<i>Bombus campestris</i>				✓	✓	✓	✓	
Chafers										
27	Garden Chafer	<i>Phyllopertha horticola</i>		✓	✓	✓		✓		
28	Rose Chafer	<i>Cetonia aurata</i>						✓	✓	
29	(large, green - Rose-like)	<i>Cetonia cuprea</i>				✓				
30	(metallic blue)	<i>Hoplia caerulea</i>		✓						
31	Cockchafer	<i>Melolontha melolontha</i>								✓
Soldier Beetles										
32	(black/red head)	<i>Cantharis rustica</i>					✓	✓	✓	
33	Common Red Soldier Beetle	<i>Rhagonycha fulva</i>		✓				✓	✓	
Glow-worms										
34	Glow-worm	<i>Lampyris noctiluca</i>						✓		
Ladybirds										
35	7-spot Ladybird	<i>Coccinella 7-punctata</i>				✓				
36	Cream-spot Ladybird	<i>Calvia 14-guttata</i>					✓			✓
Longhorn Beetles										
37	(yellow/black)	<i>Strangalia maculata</i>				✓		✓		
38	(yellow/black)	<i>Brachyta interrogationis</i>					✓			
39	Twin spot Longhorn	<i>Oberea oculata</i>								✓
40	Ribbed Pine Borer	<i>Rhagium inquisitor</i>								✓
41	(orange/yellow with black head)	<i>Anastragalia reyi</i>						✓		
42	(yellow with 4 black spots)	<i>Pachyta quadrimaculata</i>						✓		
Spiders										
43	Crab Spider	<i>Misumena vatia</i>						✓		
44	Nurse web Spider	<i>Pisaura sp.</i>	✓							
45	Salticid Jumping Spider	<i>Aelurillus sp.</i>						✓		
46	Araneus Spider	<i>Araneus sp.</i>								✓
Others										
47	Pine Weevil	<i>Hylobius abietis</i>			✓					
48	Spotted Crane-fly	<i>Nephrotoma appendiculata</i>				✓				
Other Taxa										
49	Roman Snail	<i>Helix pomatia</i>	✓	✓				✓	✓	
50	Brown-lipped (banded) Snail	<i>Cepaea nemoralis</i>			✓	✓	✓	✓	✓	