

# Butterflies of the Italian Dolomites

Naturetrek Tour Report

13 - 20 July 2011

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Checking the meadow at Sella Pass



Dark Green Fritillary



Hummingbird Hawk-moth



Large Chequered Skipper

Report and images compiled by Alan Miller



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## Day 1

Wednesday 13th July

Venice Airport to Tamion via the Agordo Gorge

Weather: Fine, sunny and hot with 30 deg. temperature at Venice Airport.

Hot and humid at Mas with clouds developing. Thunderstorm at Tamion

Most of the group met at London Gatwick airport for the morning Easyjet flight to Venice. Dave accompanied the group from the UK and Alan met everyone at Venice airport as he was already in Italy having led another Naturetrek butterfly trip the previous week.

The Easyjet flight left the UK half an hour behind schedule but with a tail wind arrived on time at Venice Marco Polo airport at 11.50am. After clearing immigration, collecting luggage and completing the car-hire administration we were on the road at 1pm heading north along the A27 Autostrada. We spotted a few birds including Grey Heron, Collared Dove and Wood Pigeon before leaving the motorway at Ponte nelle Alpi. We then drove through Belluno and into the National Park of the Bellunesi Dolomites.

At 2.15pm we stopped near Mas and had a mini picnic before checking the track and nearby riverbed. Along the track we found Brimstone, Meadow Brown, Large Skipper and White Admiral butterflies. When we reached the river bed there was lots of buddleia in flower and we added High Brown Fritillary, Swallowtail and our target species, Large Chequered Skipper. Other sightings included Hummingbird Hawkmoth, Epaulet Skimmer dragonfly and distant Bonelli's and Short-toed Eagles.

At 4pm hot but happy we continued our journey. As we left heavy cloud began to develop and as we got higher we drove into rain. Our route took us through Agordo and over the San Pellegrino Pass at 1919 metres before dropping into Val di Fassa and the delightful hamlet of Tamion near Vigo di Fassa. Unfortunately we didn't see the area at its best as on arrival we encountered a tremendous thunderstorm. We were greeted at the family-run Hotel Gran Mugon by Katia and then met the last two members of our group, Jill and Fred, who had travelled to Tamion independently. We then settled into our new surroundings.

We met in the bar at 7pm and were introduced to Stefano and later met Genio. Alan and Dave then talked over the prospects for the coming week and everyone introduced themselves and their hopes for our time in the Dolomites. At 7.30pm we moved to the dining room and enjoyed our first evening meal. Following dinner the moth trap was turned on and as we gathered around we saw our first moths including Light Emerald, Mottled Beauty and a stunning Alpine Y. At 10pm it started to thunder overhead and with the first drops of a storm we retired to check the trap in the morning.

## Day 2

Thursday 14th July

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

Weather: Thunderstorm overnight. Morning overcast with drizzle, heavier rain during the early afternoon. Clearing sky and sun after 4pm. Morning high 16 deg. C, late afternoon 19 deg. C

At 7am we assembled at the moth trap and found it had been turned off. We discovered that Genio had unplugged it during the storm for safety. There were, however, a few moths around it. We inspected our catch and were pleased with our best specimens, a fine Pine-tree Lappet, Annulet and Ringed Carpet.

We had an earlier than expected breakfast. Alan then went to the local supermarket in Vigo di Fassa for our picnic makings and at 9am we set off for a walk through the meadows and woods above Tamion. Because it was overcast with heavy cloud and occasional drizzle few butterflies were on the wing. We had to inspect the vegetation closely and sightings included Marbled White, Essex Skipper, Small Heath and Chalkhill Blue.

We also found what was later identified as a Black Mountain Moth. Birds were more productive with sightings of Nutcracker, Goldcrest, Crested Tit, Marsh Tit, Coal Tit and Spotted Flycatcher. Other interesting sightings included Wart-biter, Meadow Grasshopper, lots of nicely scented Fragrant Orchids and Dark-red Helleborine.

At 12.30pm with the drizzle stopping we returned to our hotel. After a comfort stop we collected our vehicles and drove the short distance to the Val di Monzoni for a picnic in the meadow. While Alan and Dave prepared the picnic the group checked the meadow finding Dark Green Fritillary. No sooner had the gong been sounded for lunch than the rain started. It rained steadily for nearly an hour so we ate our lunch under the shelter of a large pine tree. By 2pm the rain had stopped so we set off to explore the meadow. We found a Silver-studded Blue but the commonest sighting was of Large Ringlet, both the nominate '*euryalé*' form and the much darker '*ocellaris*' form. We also found a Hummingbird Hawkmoth which, unusually, landed on the grass and posed well for photographs.

As everyone had got progressively wetter during the day, at 4pm we decided to head back to the hotel. Miraculously as we drove towards Tamion the sun came out and the temperature increased. Back at the hotel some of the group members returned along the track to recheck the meadow whilst others retired to the hotel.

We met at 6.30pm for our first 'lists' meeting before enjoying dinner at 7.30pm. We reconvened at 9.30pm to walk up the lane outside our hotel. Before we set off the moth trap was turned on. It was almost a full moon and the sky was bright. Dave was scanning with his Bat Detector which initially failed to draw a response. Alan then found a female Glow-worm low in the roadside wall emitting her green bioluminescence to attract a mate. We continued our walk and on returning towards our hotel Dave's detector picked up Common Pipistrelle and Noctule bats which we saw overhead.

Back at the hotel we went to check the trap and moths had started to appear. A few hardy souls stayed and we had good views of new moths including Barred Red (the green *prasinaria* form), Scarce Silver Y, Northern Deep-Brown Dart, Great Oak Beauty and what was later identified as a Satin Beauty. At 11pm we decided to retire as we had to be back at the trap at 7am.

## Day 3

Friday 15th July

### Gardeccia and the Rosengarten

Weather: Morning fine, clear and sunny with some cloud on the mountain tops which built up during the afternoon to a period of heavy rain at 4pm. Thunder, lightning and hail at 9pm. High of 20 deg C.

There was a good turn-out at 7am to inspect the moth trap. There were a number of new moths to add to our list including Purple Treble-bar, Great Brocade, Dark Brocade, Green Arches and the stunning black-and-white but oddly unnamed *Panthea coenobita*.

We breakfasted at 7.45am to allow us to depart at 8.30am. First call was the supermarket to collect picnic makings and then to the Cablecar car park in Vigo di Fassa, securing parking places before it filled up. By 9.45am we had ascended the mountain and were 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 quickly started to see new butterflies including Alpine Heath, Mountain Fritillary and Blind Ringlet. Despite 17 pairs of eyes searching we failed to find one of our targets, Alpine Blue, which had been present in good numbers the week before.

At 10.40am we set off to follow the track towards Gardeccia. We didn't get far as the next meadow area produced Geranium Argus and then both Shepherd's and Mountain Fritillaries which are difficult species to separate and caused some discussion. We eventually continued passing large stands of Alpenrose and enjoying fabulous views. We stopped to explore a ski ride covered in wild flowers where we found Mountain Clouded Yellow, Little Blue, Dark Green Fritillary and Olive Skipper. Trevor found a White-line Dart moth hiding in the vegetation and Phil found a Club-legged Grasshopper for us all to see. By this time it was 12.30pm so we stayed in the meadow for our picnic lunch.

After lunch most of the group continued towards Gardeccia. A few decided to make a slow return towards the cablecar station. At Gardeccia we made a circuit of the surrounding meadows where there were lots of Blind Ringlets and Nick netted a very fresh Titania's Fritillary. We ended in a little glade which proved very productive and we found the '*subalpinus*' form of Sooty Copper.

By 3pm the clouds had begun to mass and there were two very loud rolls of thunder. This was the incentive for most people to start to make their way back towards the cable car. En route we became aware of lots of bird calls and looking up saw a large mixed flock. With a little 'pishing' from Dave they came lower and we had good views of Crested Tit, Coal Tit, Great Tit, Treecreeper and Goldcrest. A nice male Crossbill also came close to see what was happening. Continuing on we were distracted as we passed Rifugio Negritella and made a quick stop for an ice-cream. Another roll of thunder hastened us onwards.

At 4pm everyone reassembled outside the cablecar station. We had just entered the building when the heavens opened and our descent was in a heavy rain shower. It was perfect timing because as we came out at the bottom the rain stopped! We returned to our vehicles and headed back to Tamion and our hotel.

We met again at 6.30pm to do lists before another enjoyable evening meal. As we were finishing our dinner we became aware that it had suddenly become very dark outside. There was a tremendous electric storm with thunder, lightning and hail. Within minutes the ground was white making the area look more like a winter alpine snow scene. The storm continued into the night so we abandoned plans for using the moth trap.

## Day 4

Saturday 16th July

### Costalunga Pass and Sud Tirol

Weather: Fine start with the sun burning off mist from the overnight storm. Heavy cloud developing in the afternoon with rain between 4.30pm and 5pm. High of 25 deg. C

With no moth trap to inspect we had a leisurely breakfast and Alan and Dave did the supermarket run ready for us to depart at 9am. As we were about to set off a Honey Buzzard flew by. Once on the move we headed west over the Costalunga Pass at 1752 metres and down the South Tirol towards Bolzano. Our first stop was above Ponte Nova at 980 metres. We spent the morning in a long, thin meadow bordered on one side by a tree-lined river, and the other by mixed woodland. Before leaving the vehicles we had our first interesting species, a male Idas Blue which was caught and inspected using a magnifying glass to check the absence of a spine on the fore-leg.

Once in the meadow we were soon adding to our list of butterflies Silver-washed Fritillary, Heath Fritillary, Marbled Fritillary and Small Copper. Phil also introduced us to Green Mountain Grasshopper, Saw-tailed Bush Cricket and Dark Bush Cricket. On the opposite side of the road a Grey Wagtail nest was found and we watched the adults feeding young. Checking the meadow took all morning so we stayed there for our picnic lunch.

At 1.30pm we moved on to our second stop below Ponte Nova at 880 metres and our walk took us into a disused quarry area. It was hot and new butterfly species were soon being added to our list. We saw Provencal Short-tailed Blue, Common Blue and Meleager's Blue including the female '*steeven?*' form. Moths included Ochraceous Wave, both Common and Latticed Heaths, and a beautifully camouflaged Chalk Carpet that was very popular with the photographers once it was settled on a pillar. Other sightings included Common Toad, Common Wall Lizard, Western Green Lizard and a large unidentified snake.

Back at the vehicles Phil identified a number of Bush-cricket including Roesel's, Grey and Upland Green. Just as we were about to set off a Dryad butterfly was spotted in adjacent bushes but it took flight as people scrambled to get out of the vehicles and wasn't refound.

We arrived back at the Costalunga Pass about 4pm and parked near Bar Antermont. The sky was heavy with threatening clouds. Some of the group went to explore the meadow whilst others chose to have coffees in the bar. After half an hour's searching it started to rain and everyone then retreated to the bar. Nick had found an area with Ringlets sheltering from the weather and 'potted' two to show the group. A pleasant half an hour was spent in the dry looking at the butterflies which were identified as Woodland Ringlet and Eriphyle Ringlet and everyone took the opportunity to examine the finds. By 5pm the rain had stopped and the sky was lighter so the photographers headed to the spot Nick had found and were delighted with the amount of butterflies resting on the vegetation. Two additional Ringlet species were seen, Blind Ringlet and Lesser Mountain Ringlet together with Titania's Fritillary and Alpine Heath.

After a very productive day we headed back to Tamion, getting to our hotel just after 6pm. We met again for dinner at 7.30pm and afterwards in the hotel bar to do our lists and talk about plans for the next day. The moth trap was on and a few members went to see the early arrivals before retiring to bed.

## Day 5

Sunday 17th July

Panvecchio National Park

Weather: Fine and sunny start. Cloud developing mid-morning. Rain by 4pm.

19 deg. C at Predezzo, 13 deg. C in Val Venegia

There were plenty of moths in and around the trap at 7am and a pleasant hour was spent identifying and photographing them. Additions to our list included Saxon, Grey Mountain Carpet, Barberry Carpet and Purple Bar. Dave and Trevor pored over the underwing patterns of a moth before emerging triumphant at having found Dark Marbled Carpet!

We left the hotel at 8.45am, making a quick supermarket stop before heading south, down the Fassa Valley. Just before Soraga Dave spotted a Red-backed Shrike on a roadside structure which entailed U-turns to make sure everyone in the vehicles saw it.

Our first stop was on the outskirts of Predazzo where the previous week Alan had found Apollo butterflies, a target species for many in the group. We were not disappointed as Apollo was again seen together with Marbled White, Common Blue and Wood White.

Happy with our new butterfly species, we continued into Panvecchio National Park, stopping at the Visitor's Centre. Unfortunately the cloud had started to mass and we had lost the sun. Also the vegetation was very wet so checking the surrounding meadows wasn't easy but we did see Silver-spotted Skipper, Large Ringlet, Dark Green Fritillary, Small Heath and Painted Lady.

Next stop was a picnic area en route to Val Venegia for our lunch. Whilst Alan and Dave prepared the picnic the group checked the area and found Amanda's Blue and Large Wall Brown butterflies. At 1.15pm refreshed and ready to go we moved to Val Venegia, a valley where, allegedly, all the flowers of the Dolomites can be found. We stopped in the upper car park to walk up the valley towards the towering peaks of Cimon de la Pala which were shrouded in cloud.

In the wet meadow between the path and the river we found Dark Green, Shepherd's and Mountain Fritillaries. Further up the path we came across fritillaries sitting on Knapweed. We were busy examining them when we became aware of being watched. A large group with children had stopped and were watching us intently. We spoke to them and it was nice to see the children come forward and take an interest in close views of the butterflies.

In another wet area we found Olive Skipper and Common Frog. Also Nutcrackers were seen overhead. As we neared Refugio Malga Venegiota at 1819 metres Alpine Marmot could be heard and was seen in the distance on the other side of the valley. By this time it was 3.45pm, and the first drops of rain could be felt so we adjourned to the Refugio for a welcome drink. We knew the temperature had dropped because butterflies were not on the wing. A check of the thermometer showed it was 13 deg. C.

At 4.15pm in steady rain we returned along the valley track to our vehicles then drove back to our hotel, arriving at 5.45pm. Dinner tonight was a traditional Ladin meal (Ladin being the historical and cultural name for the people from this part of Italy). After an enjoyable meal we adjourned to the bar to do lists. Again the moth trap was on and a few went to view the first moths attracted to the light before retiring to bed.

## Day 6

Monday 18th July

### San Pellegrino Pass

Weather: Rain clearing by 7am. During the early morning the clouds retreated to the mountain tops leaving sunny periods with a light, cool breeze. High 17 deg C

At 7am as the rain was clearing we inspected the moth trap and found a good haul including our first Hawkmoth, a Pine Hawk-moth. We recorded 43 species with a few more to identify from photographs. Seven species of Pug were identified, including Narrow-winged, Juniper and Cloaked. Other new moths included Brindled White-spot and the unnamed Noctuid *Apamea rubrirena*.

Unfortunately Ken felt under the weather and decided to spend the day at the hotel. As the sky was still heavy after breakfast and the forecast mixed we changed the itinerary and headed off to the San Pellegrino Pass. This proved to be a good move as the weather improved during the day and butterflies were plentiful.



En route we made our usual raid on the supermarket and reached the San Pellegrino Pass at 9.45am. Once over the pass at 1920 metres we took the Fuciada track and parked near Refugio Miralago. We could see butterflies on the wing in the meadow behind the car park and set off to explore. Although fine, there was a cool breeze so butterflies were staying low and allowing us to get very close to inspect them. We added a few new ones including Almond-eyed Ringlet, Cranberry Blue, Marsh Fritillary and two forms of Yellow-spotted Ringlet, the nominate '*manto*' and also ssp. '*pyrrhula*'.

We lunched by the vehicles then set off at 1.30pm along the track past the Refugio and stopped at Val Dai Be to examine the meadow. A small stream runs through the meadow and our first sight on entering was dozens of Ringlets of four identified species 'puddling'. Butterflies were plentiful and we were soon adding new ones including Mountain Green-veined White, Common Brassy Ringlet and the Alps endemic Darwin's Heath.

In a sheltered spot in the afternoon sunshine we gathered around to examine a good selection of our finds in pots allowing people a close look at the species. The photographers then set-to taking lots of photographs and the remainder of the group adjourned to the Refugio for refreshments. At 4.15pm we set off for the return journey to Tamion. With stops at the garage for fuel and at the chemist we got back to our hotel at 5.25pm.

Our evening meal was again taken at 7.30pm following which we had our daily meeting to go over our sightings and talk about the prospects for our last full day in the field. Then it was the last chance to see the early arrivals at the moth trap before retiring for the night.

## Day 7

Tuesday 19th July

### Sella Pass

Weather: Fine, clear and some sunny periods but a cool breeze. Clouds developed in the afternoon and the temperature dropped. High 19 deg C, Low 13 deg C

From 7am there was a good turnout for the last moth trap inspection. Although moths were not as numerous as the day before we were pleased with our sightings. We had a good look at the *albescens* variety of Mottled Beauty with its zigzag cross-bars, and a striking Highflyer was later identified as the *constricta* form of July Highflyer.

Today Jill and again Ken stayed at Tamion. The rest of the group left the hotel at 8.45am and after making a quick supermarket stop we headed north along Val de Fassa. 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. Our intended parking spot was full of vehicles so we parked a little further over the top opposite Refugio Passo Sella.

At 10.20am we set off across the mountain side towards the imposing mass of Langkofel. The weather was fine with sunny periods but there was a chilly breeze blowing over the meadow. Butterflies were keeping low but we did manage to see an interesting collection including Blind Ringlet, Eriphyle Ringlet, Yellow-spotted Ringlet, Lesser Mountain Ringlet, Mountain Fritillary and Shepherd's Fritillary. A new moth, Argent and Sable was found. Due to the altitude we also found some new birds; White-winged Snowfinch and Ring Ouzel. A distant Alpine Marmot was also seen.

We arrived back at the vehicles at 1pm for lunch then after our picnic set off to explore the track behind Refugio Passo Sella. Here it was rockier with a few smaller pine trees. We did see some butterflies including Common Brassy Ringlet, Alpine Heath and Chalkhill Blue but by 3pm there was complete cloud cover, the temperature dropped to 13 degrees and the butterflies went to ground. We made our way back towards the car park and before our return journey called into Refugio Passo Sella for a warming drink. We arrived back at Tamion just before 5pm to give everyone the chance to sort and pack their baggage and belongings, as this was our last night at the hotel.

We met before dinner at 7pm for our final evening meeting. After our meal we adjourned to the bar. The lights were turned down and Katia entered with a cake bearing a candle and written in chocolate 'Happy Birthday Fred'. After a hearty round of 'Happy Birthday to you' Fred made the first incision then Genio expertly cut the cake into portions which Stefano distributed and we all enjoyed. Alan then said a few words of thanks on behalf of the group to everyone at the hotel for looking after us so well during our stay. We then went to get some sleep before an early start the following morning.

## Day 8

Wednesday 20th July

Tamion to Venice Airport

Weather: Cloud and rain at Tamion which persisted almost to Venice.

Sunny at Venice airport

We packed our luggage into the vehicles at 6.30am then had a light breakfast of tea/coffee, cereals and pastries. Before leaving Tamion we said our goodbyes to Jill and Fred who were continuing by car, and to Stefano on behalf of the hotel. Our return route took us back over San Pellegrino Pass, past Agordo to Belluno and the A27 Autostrada south. We had a comfort stop at the A27 services then continued towards Venice. We had a few bird sightings from the vehicle including Little Egret on a braided river bed before arriving at the airport at 10am. After refuelling the vehicles and returning them to the car hire depot we walked to the terminal and said goodbye to Margaret and David who were spending a few days in Venice. We then joined the hoards of queuing people at departures. After successfully leaving our luggage at the bag-drop and getting through security we didn't have long to wait till our Easyjet flight was called for boarding.

As we were taxiing along the runway those on the right of the aircraft could see Common Tern flying around the Water Taxi jetty. We had an uneventful flight back to the UK. It took a while to clear customs at Gatwick airport but when we got to the baggage reclaim our luggage was on the carousel so all that was left was to say our farewells before going our separate ways.

The group had been unlucky with the weather during the week but had kept positive and high spirits had been maintained. With 17 pairs of eyes exploring meadows some of the sightings inevitably were not seen by all but a high proportion of the butterfly species were netted to allow everyone good diagnostic views. A 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 Phil for introducing us to many grasshoppers and crickets, and to Nick for his energy in netting species. Hopefully everyone had had an enjoyable week and seen many new species in a spectacular environment.

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## Species Lists

### Butterflies

Location	Elevation	Code	Location	Elevation	Code
Bellunesi National Park	440m	B	Panvecchio National Park	1450m	P
Tamion	1548m	T	Eggental	980 - 880m	E
Val di Monzoni	1526m	M	Costalunga Pass	1752m	C
Rosengarten	1997m	R	Sella Pass	2213m	S
Predazzo	1018m	Pr	San Pellegrino Pass	1920m	SP

	Common name	Scientific name	July							
			13	14	15	16	17	18	19	20
1	Oberthur's Grizzled Skipper	<i>Pyrgus armoricanus</i>			R					
2	Large Grizzled Skipper	<i>Pyrgus alveus</i>		T	R			SP	S	
3	Warren's Grizzled Skipper	<i>Pyrgus warrensis</i>			R					
4	Olive Skipper	<i>Pyrgus serratalae</i>			R		P		S	
5	Dusky Grizzled Skipper	<i>Pyrgus cacaliae</i>			R			SP	S	
6	Large Chequered Skipper	<i>Heteropterus morpheus</i>	B							
7	Small Skipper	<i>Thymelicus sylvestris</i>		T		E	Pr			
8	Essex Skipper	<i>Thymelicus lineola</i>	B	T		E	Pr			
9	Large Skipper	<i>Ochlodes sylvanus (venatus)</i>	B	T	R	E	Pr		S	
10	Silver-spotted Skipper	<i>Hesperia comma</i>				E	P	SP	S	
11	Apollo	<i>Parnassius apollo</i>					Pr			
12	Swallowtail	<i>Papilio machaon</i>	B							
13	Wood White	<i>Leptidea sinapis</i>				E	Pr			
14	Large White	<i>Pieris brassicae</i>	B							
15	Small White	<i>Pieris rapae</i>	B	M		E				
16	Green-veined White	<i>Pieris napi</i>				E				
17	Mountain Green-veined White	<i>Pieris bryoniae</i>						SP		
18	Mountain Clouded Yellow	<i>Colias phicomone</i>			R			SP	S	
19	Brimstone	<i>Gonepteryx rhamni</i>	B							
20	Sooty Copper	<i>Lycaena tityrus subalpinus</i>			R			SP		
21	Small Copper	<i>Lycaena phlaeas</i>				E			S	
22	Provencal Short-tailed Blue	<i>Everes alctas</i>				E				
23	Little Blue	<i>Cupido minimus</i>			R			SP	S	
24	Mazarine Blue	<i>Cyaniris semiargus</i>		T	R			SP	S	
25	Amanda's Blue	<i>Polyommatus amandus</i>		T			P	SP	T	
26	Common Blue	<i>Polyommatus icarus</i>				E	Pr			
27	Adonis Blue	<i>Lysandra bellargus</i>		T						
28	Chalkhill Blue	<i>Lysandra coridon</i>	B	T	R			SP	S	
29	Meleager's Blue	<i>Meleageria daphnis daphnis</i>				E				

	Common name	Scientific name	July							
			13	14	15	16	17	18	19	20
	Meleager's Blue	<i>Meleageria daphnis steeveni</i>				E				
30	Brown Argus	<i>Aricia agestis</i>			R			SP		
31	Mountain Argus	<i>Aricia artaxerxes</i>						SP		
32	Geranium Argus	<i>Eumedonia eumedon</i>			R					
33	Cranberry Blue	<i>Plebejus optilete</i>						SP		
34	Silver-studded Blue	<i>Plebejus argus</i>		M						
35	Idas Blue	<i>Plebejus idas</i>				E				
36	White Admiral	<i>Limentis camilla</i>	B			E				
37	Small Tortoiseshell	<i>Aglais urticae</i>		T			Pr		S	
38	Red Admiral	<i>Vanessa atalanta</i>		M		E				
39	Painted Lady	<i>Vanessa cardui</i>	B				P			
40	Comma Butterfly	<i>Polygonia c-album</i>	B							
41	Heath Fritillary	<i>Mellicta athalia</i>				E				
42	Marsh Fritillary	<i>Euphydryas aurinia</i>						SP		
43	Silver-washed Fritillary	<i>Argynnis paphia</i>				E				
44	Dark Green Fritillary	<i>Argynnis aglaja</i>		M	R		P	SP		
45	High Brown Fritillary	<i>Argynnis adippe</i>	B			E				
46	Marbled Fritillary	<i>Brenthis daphne</i>				E				
47	Shepherd's Fritillary	<i>Boloria pales</i>			R		P		S	
48	Mountain Fritillary	<i>Boloria napaea</i>			R		P		S	
49	Titania's Fritillary	<i>Boloria titania</i>			R	C	P	SP		
50	Large Wall Brown	<i>Lasiommata maera</i>					P			
51	Pearly Heath	<i>Coenonympha arcania</i>	B							
52	Alpine Heath	<i>Coenonympha gardetta</i>			R	C		SP	S	
53	Darwin's Heath	<i>Coenonympha darwiniana</i>						SP		
54	Small Heath	<i>Coenonympha pamphilus</i>		T, M		E	P			
55	Ringlet	<i>Aphantopus hyperantus</i>	B			E				
56	Meadow Brown	<i>Maniola jurtina</i>	B	T		E				
57	Arran Brown	<i>Erebia ligea</i>				E		SP		
58	Large Ringlet	<i>Erebia euryale euryale</i>		T, M	R	E	P	SP	S	
	Large Ringlet	<i>Erebia euryale ocellaris</i>		T, M	R					
59	Eriphyle Ringlet	<i>Erebia eriphyle</i>				C		SP	S	
60	Yellow-spotted Ringlet	<i>Erebia manto manto</i>						SP	S	
60a	Yellow-spotted Ringlet	<i>Erebia manto pyrrhula</i>						SP	S	
61	Mountain Ringlet	<i>Erebia ephiphron aetheria</i>							S	
62	Blind Ringlet	<i>Erebia pharte</i>			R	C		SP	S	
63	Lesser Mountain Ringlet	<i>Erebia melampus</i>				C		SP	S	
64	Woodland Ringlet	<i>Erebia medusa</i>				C				
65	Almond-eyed Ringlet	<i>Erebia alberganus</i>						SP		

	Common name	Scientific name	July							
			13	14	15	16	17	18	19	20
66	Common Brassy Ringlet	<i>Erebia cassiodes</i>						SP	S	
67	Marbled White	<i>Melanargia galathea</i>		T		E	Pr		T	
68	Dryad	<i>Minois dryas</i>				E				

## Macro Moths (F = field sighting; T = trap)

1	Six-spot Burnet	<i>Zygaena filipendulae</i>				F		F		
2	Narrow-bordered Five-spot Burnet	<i>Zygaena lonicerae</i>		F						
3	Pine-tree Lappet	<i>Dendrolimus pini</i>		T	T					
4	Large Emerald	<i>Geometra papilionaria</i>						F		
5	Small Emerald	<i>Hemistola chrysoprasaria</i>		T	T		T	T		
6	Unnamed Geometrid	<i>Rhodostrophia vibicaria</i>					T	T		
7	Ochraceous Wave	<i>idaea serpentata</i>				F				
8	Riband Wave	<i>Idaea aversata</i>			T			T	T	
9	Unnamed Geometrid	<i>Mesotype verberata</i>		F		F	F	F	F	
10	Dark-barred Twin-spot Carpet	<i>Xanthorhoe ferrugata</i>					T			
11	Silver-ground Carpet	<i>Xanthorhoe montanata</i>					F, T	F, T	F, T	
12	Chalk Carpet	<i>Scotopteryx bipunctaria</i>				F	F			
13	Shaded Broad-bar	<i>Scotopteryx chenopodiata</i>	T	F, T	F, T	F		F, T	F, T	
14	Ruddy Carpet	<i>Catarhoe rubidata</i>		T			T	T	T	
15	Common Carpet	<i>Epirrhoe alternata</i>	T					T	F	
16	Grey Mountain Carpet	<i>Entephria caesiata</i>					T	T	T	
17	Purple Bar	<i>Cosmorhoe ocellata</i>					T			
18	Dark Marbled Carpet	<i>Chloroclysta citrata citrata</i>					T	T		
19	Common Marbled Carpet	<i>Chloroclysta truncata</i>		T	T		T	T	T	
20	Spruce Carpet	<i>Thera britannica</i>			T		T	T	T	
21	Broken-barred Carpet	<i>Electrophaes corylata</i>		T	T		T	T	T	
22	Beech-green Carpet	<i>Colostygia olivata</i>	F	F, T			T	T		
23	July Highflyer	<i>Hydriomena furcata constricta</i>								T
24	Fern	<i>Horisme tersata</i>					T	T	T	
25	Barberry Carpet	<i>Pareulype berberata</i>					T			
26	Argent and Sable	<i>Rheumaptera hastata</i>								F
27	Barred Carpet	<i>Perizoma taeniata</i>		T			T	T		
28	Rivulet	<i>Perizoma affinitata</i>		F, T	T		T	T	T	
29	Small Rivulet	<i>Perizoma alchemillata</i>		T				T		
30	Grass Rivulet	<i>Perizoma albulata albulata</i>				F	F, T	F, T		
31	Cloaked Pug	<i>Eupithecia abietaria</i>					T	T	T	
32	Freyer's Pug	<i>Eupithecia intricata</i>					T	T		
33	Tawny-speckled Pug	<i>Eupithecia icterata</i>								T
34	Narrow-winged Pug	<i>Eupithecia nanata</i>					T	T	T	

	Common name	Scientific name	July							
			13	14	15	16	17	18	19	20
35	Oak-tree Pug	<i>Eupithecia dodoneata</i>						T	T	
36	Juniper Pug	<i>Eupithecia pusillata</i>						T	T	
37	Larch Pug	<i>Eupithecia lariciata</i>		T	T		T	T	T	
38	Dwarf Pug	<i>Eupithecia tantillaria</i>					T	T	T	
39	Purple Treble-bar	<i>Aplocera praeformata</i>			T					
40	Chimney Sweeper	<i>Odezia atrata</i>		F	F	F	F	F	F	
41	Tawny-barred Angle	<i>Macararia liturata</i>		T	T			T		
42	Latticed Heath	<i>Chiasma clathrata</i>				F				
43	Peppered Moth	<i>Biston betularia</i>			T		T	T		
44	Willow Beauty	<i>Peribatodes rhomboidaria</i>			T		T	T		
45	Lydd (or Holm Oak) Beauty	<i>Peribatodes ilicaria</i>					T			
46	Ringed Carpet	<i>Cleora cinctaria</i>		T						
47	Satin Beauty	<i>Deilepteria ribeata</i>		T						
48	Mottled Beauty	<i>Alcis repandata repandata</i>	T	T	T		T	T	T	
48a	Mottled Beauty	<i>Alcis repandata albescens</i>			T		T		T	
49	Great Oak Beauty	<i>Hypomecis roboraria</i>		T						
50	Speckled Beauty	<i>Fagivorina arenaria</i>					T			
51	Square Spot	<i>Paradarisa consonaria</i>			T		T	T	T	
52	Brindled White-spot	<i>Parectropis similaria</i>						T		
53	Common Heath	<i>Ematurga atomaria</i>				F				
54	Light Emerald	<i>Campaea margaritata</i>	T		T					
55	Barred Red (green form)	<i>Hylaea fasciara prasinaria</i>		T	T			T	T	
56	Annulet	<i>Charissa obscurata</i>		F, T			T	F, T	T	
57	Black Mountain Moth	<i>Glacies coracina</i>	F		F					
58	Pine Hawk-moth	<i>Hyloicus pinastri</i>						T	T	
59	Hummingbird Hawk-moth	<i>Macroglossum stellatarum</i>	F	F						
60	Common Footman	<i>Eilema lurideola</i>		F, T		F		F		
61	Scarlet Tiger	<i>Callimorpha dominula</i>	F							
62	Cinnabar	<i>Tyria jacobaeae</i>				F				
63	Nine-spotted	<i>Amata phegea</i>				F				
64	White-line Dart	<i>Euxoa tritici</i>			F					
65	Turnip	<i>Agrotis segetum</i>						T	T	
66	Heart and Club	<i>Agrotis clavis</i>		F				T		
67	Heart and Dart	<i>Agrostis exclamationis</i>		F	T					
68	Large Yellow Underwing	<i>Noctua pronuba</i>						T		
69	True Lover's Knot	<i>Locophotia porphyrea</i>					T	T		
70	Ingrailed Clay	<i>Diarsia mendica mendica</i>						T	T	
71	Purple Clay	<i>Diarsia brunnea</i>						T	T	
72	Double Square-spot	<i>Xestia triangulum</i>			T					

	Common name	Scientific name	July							
			13	14	15	16	17	18	19	20
73	Unnamed Noctuid	<i>Xestia viridescens</i>			T		T	T	T	
74	Heath Rustic	<i>Xestia agathina</i>					F			
75	Great Brocade	<i>Eurios occulta</i>			T		T	T	T	
76	Green Arches	<i>Anaplectoides prasina</i>			T		T	T	T	
77	Shears	<i>Hada plejeba</i>			T		T			
78	Cabbage Moth	<i>Mamestra brassicae</i>					T			
79	Brown-line Bright-eye	<i>Mythimna conigera</i>		T	T		T	T	T	
80	Northern Deep-brown Dart	<i>Aporophyla lueneburgensis</i>		T						
81	Dark Brocade	<i>Bepharita adusta</i>			T		T	T	T	
82	Small Angle Shades	<i>Euplexia lucipara</i>					T		T	
83	The Dun-bar	<i>Cosmia trapezina</i>		T	T			T	T	
84	Saxon	<i>Hyppa rectilinea</i>					T			
85	Dark Arches	<i>Apamea monoglypha</i>			T		T	T	T	
86	Reddish Light Arches	<i>Apamea sublustris</i>			T					
87	Clouded Brindle	<i>Apamea epomidion</i>						T		
88	Unnamed Noctuid	<i>Apamea rubrirena</i>						T		
89	Marbled Minor agg.	<i>Oligia strigilis (Complex)</i>		T	T			T	T	
90	Tawny Marbled Minor	<i>Oligia latruncala</i>						T		
91	Uncertain	<i>Hoplodrina alsines</i>	T	T	T		T	T	T	
92	Silver Y	<i>Autographa gamma</i>		F		F		T		
93	Alpine Y	<i>Syngrapha devergens</i>	T							
94	Beautiful Golden Y	<i>Autographa pulchrina</i>						T	T	
95	Plain Golden Y	<i>Autographa jota</i>							T	
96	Gold Spangle	<i>Autographa bractea</i>						T	T	
97	Scarce Silver Y	<i>Syngrapha interregotiois</i>		T						
98	Unnamed Noctuid	<i>Panthea coenobita</i>			T					
99	Snout	<i>Hypena probascidalis</i>					T	T		

## Micro Moths

1	Yellow Banded	<i>Psodos quadrifera</i>			F					
2	Brown House Moth	<i>Hofmannophila pseudospretella</i>					T			
3	Oecophorid family	<i>Hypercallia citrinalis</i>	T							
4	Momphid family	<i>Mompha conturbatella</i>							T	
5	Tortrix family	<i>Aethes cnicana</i>			T					
6	Tortrix family	<i>Pandemis cinnamomeana</i>						F		
7	Grey Tortrix sp.	<i>Cnephasia stephensiana agg.</i>		T	T		T	T	T	
8	Plum Tortrix	<i>Hedya pruniana</i>						T		
9	Crambid Grass Moth family	<i>Chrysoteuchia culmella</i>					T	F	F	
10	Crambid Grass Moth family	<i>Crambus pascuella</i>		F			F	T		



	Common name	Scientific name	July							
			13	14	15	16	17	18	19	20
11	Crambid Grass Moth family	<i>Crambus lathiellus</i>					F	F	F	
12	Crambid Grass Moth family	<i>Crambus perlella</i>		F	F	F		F	F	
13	Crambid Grass Moth family	<i>Catoptria permutatella</i>		F		F		T		
14	Crambid Grass Moth family	<i>Catoptria pinella</i>		F		F		F	F	
15	Crambid Grass Moth family	<i>Scoparia ambigualis</i>					T			
16	Crambid family	<i>Eudonia murana</i>					T			
17	Ringed China Mark	<i>Parapoynx stratiotata</i>		F						
18	Crambid family	<i>Pyrausta aerialis</i>			T	F		F	F	
19	Crambid family	<i>Sitochroa verticalis</i>		F					F, T	
20	Crambid family	<i>Udea lutealis</i>							F	
21	Crambid family	<i>Udea uliginosalis</i>			F	F	F	F	F	
22	Crambid family	<i>Udea alpinalis</i>		F		F	F	F	F	
23	Crambid family	<i>Mecyna flavalis</i>		F				T		
24	Pyralid	<i>Onocera semirubella</i>				F				
25	Spruce Cone Worm	<i>Dioryctria abietella</i>	T					T	T	
26	Pyralid	<i>Assara terebrella</i>			F			T	F	
27	Pyralid	<i>Euzonia pinguis</i>						T		
28	Pyralid	<i>Ephestia parasitella</i>					F			
29	Plume Moth family	<i>Stenoptilia bipunctidactyla</i>		F		F	F			
30	Plume Moth family	<i>Adaina microdactyla</i>		F		F	F	F	F	
31	Plume Moth family	<i>Emmelina monodactyla</i>					F			

## Birds (H = heard only)

1	Mallard	<i>Anas platyrhynchos</i>					20	2	1	2
2	Grey Heron	<i>Ardea cinerea</i>	1					1		1
3	Little Egret	<i>Egretta garzetta</i>								1
4	Honey Buzzard	<i>Pernis apivorus</i>				4				
5	Short-toed Eagle	<i>Circaetus gallicus</i>	1							
6	Bonelli's Eagle	<i>Aquila fasciata</i>	3							
7	Eurasian Sparrowhawk	<i>Accipiter nisus</i>		1						
8	Northern Goshawk	<i>Accipiter gentilis</i>				1				
9	Common Buzzard	<i>Buteo buteo</i>				1	1			
10	Common Kestrel	<i>Falco tinnunculus</i>						2	1	
11	Eurasian Hobby	<i>Falco subbuteo</i>	1		1			1		
12	Peregrine Falcon	<i>Falco peregrinus</i>	1							
13	Yellow-legged Gull	<i>Larus michahellis</i>	1							1
14	Common Tern	<i>Sterna hirundo</i>								4
15	Feral Pigeon	<i>Columba livia (feral)</i>	10							100
16	Common Wood Pigeon	<i>Columba palumbus</i>	6				3			12

	Common name	Scientific name	July							
			13	14	15	16	17	18	19	20
17	Eurasian Collared Dove	<i>Streptoplia decaoto</i>	4							10
18	Common Swift	<i>Apus apus</i>	10	2	2	1	10	8	6	6
19	European Green Woodpecker	<i>Picus viridis</i>		H	H		H	H	H	
20	Great Spotted Woodpecker	<i>Dendrocarpos major</i>		1	1					
21	Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>	4	1		6	20	4	10	4
22	Barn Swallow	<i>Hirundo rustica</i>	6	20	10	20	20	10	10	2
23	House Martin	<i>Delichon urbica</i>	4	6	4	2	2	6	10	4
24	Long-tailed Tit	<i>Aegithalos caudatus</i>						H		
25	Water Pipit	<i>Anthus spinoletta</i>				H			2	
26	Tree Pipit	<i>Anthus trivialis</i>		1		H		H		
27	White Wagtail	<i>Motacilla alba</i>	1	2	2		5	2	1	1
28	Grey Wagtail	<i>Motacilla cinerea</i>				3		4		
29	Winter Wren	<i>Troglodytes troglodytes</i>		1	H	H	H			
30	White -throated Dipper	<i>Cinclus cinclus</i>		3		2	2			
31	Dunnock	<i>Prunella modularis</i>		H	1					
32	European Robin	<i>Erithacus rubecula</i>		1		H	H			
33	Common Redstart	<i>Phoenicurus phoenicurus</i>		2			1			
34	Black Redstart	<i>Phoenicurus ochuros</i>		2	3	2	2	2	3	1
35	Northern Wheatear	<i>Oenanthe oenanthe</i>					1		2	
36	Song Thrush	<i>Turdus philomelos</i>				1	1		1	
37	Mistle Thrush	<i>Turdus viscivorus</i>	1	1		2	1		1	
38	Fieldfare	<i>Turdus pilaris</i>		4		4	1			
39	Common Blackbird	<i>Turdus merula</i>	2			1			1	1
40	Ring Ouzel	<i>Turdus torquatus alpestris</i>							3	
41	Blackcap	<i>Sylvia atricapilla</i>	H	1		H	1	H		
42	Lesser Whitethroat	<i>Sylvia curruca</i>						3		
43	Chiffchaff	<i>Phylloscopus collybita</i>		1	1	2	H	1		
44	Goldcrest	<i>Regulus regulus</i>		4	1					
45	Spotted Flycatcher	<i>Muscicapa striata</i>		4		1	1			
46	Great Tit	<i>Parus major</i>			20		2		1	1
47	Coal Tit	<i>Pariparus ater</i>		2	30	20	10		5	
48	Blue Tit	<i>Parus caeruleus</i>		2						
49	Crested Tit	<i>Lophophanes cristatus</i>		2	6	H	6	H		
50	Willow Tit	<i>Poecile montana</i>		H	10	2				
51	Marsh Tit	<i>Poecile palustris</i>		1						
52	Eurasian Nuthatch	<i>Sitta europaea</i>		H	H			H		
53	Eurasian Treecreeper	<i>Certhia familiaris</i>		H	1			H		
54	Red-backed Shrike	<i>Lanius collurio</i>					1	1		
55	Common Magpie	<i>Pica pica</i>	2	4						3

	Common name	Scientific name	July							
			13	14	15	16	17	18	19	20
56	Eurasian Jay	<i>Garrulus glandarius</i>	1				1			
57	Spotted Nutcracker	<i>Nucifraga caryocatactes</i>		5	5	1	5	2	2	
58	Carrion Crow	<i>Corvus corone</i>		4	4	2	2	9	2	2
59	Hooded Crow	<i>Corvus corone cornix</i>			2				1	1
60	Common Raven	<i>Corvus corax</i>			H		1	H		
61	House Sparrow	<i>Passer domesticus</i>	1	1						
62	Italian Sparrow	<i>Passer italiae</i>	1	10	6	6	6	6	6	2
63	White-winged Snowfinch	<i>Montifringilla nivalis</i>							4	
64	Common Chaffinch	<i>Fringilla coelebs</i>		4	4	2	4	4	4	
65	Common Linnet	<i>Carduelis cannabina</i>			1					
66	Common Redpoll	<i>Carduelis flammea</i>			1	3		6	H	
67	European Goldfinch	<i>Carduelis carduelis</i>		2		2		5		
68	Eurasian Siskin	<i>Carduelis spinus</i>			2	H	3			
69	European Citril Finch	<i>Serinus citrinella</i>			3					
70	European Serin	<i>Serinus serinus</i>		2		6			1	
71	Eurasian Bullfinch	<i>Pyrrhula pyrrhula</i>		2	1			H	1	
72	Common Crossbill	<i>Loxia curvirostra</i>		2	10	1		H		
73	Yellowhammer	<i>Emberiza citrinella</i>	H			H		H		
74	Cirl Bunting	<i>Emberiza cirlus</i>		H		H				

## Dragonflies (✓ = recorded but not counted)

1	Common Blue Damselfly	<i>Enallagma cyathigerum</i>						✓		
2	Common Hawker	<i>Aeshna juncea</i>						✓		
3	Epaulet Skimmer	<i>Orthetrum chrysostigma</i>	✓							
4	Common Darter	<i>Sympetrum striolatum</i>		✓						
5	Yellow-winged Darter	<i>Sympetrum flaveolum</i>						✓		

## Grasshoppers and Crickets

1	Saw-tailed Bush-cricket	<i>Barbitistes serricauda</i>				✓				
2	Upland Green Bush-cricket	<i>Tettigonia cantans</i>		✓		✓				
3	Wart-biter	<i>Decticus verrucivorus</i>		✓				✓		
4	Grey Bush-cricket	<i>Platycleis albopunctata</i>				✓				
5	Roesel's Bush-cricket	<i>Metrioptera roeselii</i>	✓			✓				
6	Alpine Dark Bush-cricket	<i>Pholidoptera aptera</i>						✓		
7	Dark Bush-cricket	<i>Pholidoptera griseoptera</i>				✓				
8	Brown Mountain Grasshopper	<i>Podisma pedestris</i>			✓					
9	Green Mountain Grasshopper	<i>Miramella alpina</i>				✓	✓			
10	Blue-winged Grasshopper	<i>Oedipoda caerulea</i>				✓				
11	Slender Blue-winged Grasshopper	<i>Sphingonotus caeruleus</i>				✓				

	Common name	Scientific name	July							
			13	14	15	16	17	18	19	20
12	Small Gold Grasshopper	<i>Chrysochraon brachypterus</i>				✓				
13	Common Green Grasshopper	<i>Omocestus viridulus</i>		✓	✓	✓	✓	✓		
14	Woodland Grasshopper	<i>Omocestus rufipes</i>				✓				
15	Club-legged Grasshopper	<i>Gomphocerus sibiricus</i>			✓					
16	Large Mountain Grasshopper	<i>Stauroderus scalaris</i>		✓			✓			
17	Field Grasshopper	<i>Chorthippus brunneus</i>					✓	✓		
18	Meadow Grasshopper	<i>Chorthippus parallelus</i>	✓	✓	✓	✓	✓	✓		

## Mammals

1	Alpine Marmot	<i>Marmota marmote</i>					✓		✓	
2	Red Squirrel	<i>Sciurus vulgaris</i>		✓		✓				
3	Red Deer	<i>Cervus elaphus</i>						✓		
4	Common Pipistrelle Bat	<i>Pipistrellus pipistrellus</i>		✓						
5	Noctule Bat	<i>Nyctalus noctula</i>		✓						
6	Stoat	<i>Mustela erminea</i>							✓	

## Reptiles and amphibians

1	Common Wall Lizard	<i>Podarcis muralis</i>	✓			✓	✓		✓	
2	Common Lizard	<i>Lacerta vivipara</i>						✓		
3	Western Green Lizard	<i>Lacerta bilineata</i>				✓				
4	Common Frog	<i>Rana temporaria</i>		✓		✓	✓	✓		
5	Common Toad	<i>Bufo bufo</i>				✓		✓		
6	Snake sp.				✓	✓				

## Other taxa

1	Spider-hunting wasp	<i>Cryptocheilus comparatus</i>	✓							
2	Scorpion fly sp.		✓	✓						
3	Ground Bug	<i>Lygaeus saxatilis</i>		✓						
4	Robber fly sp.			✓						
5	Wood Ant and nest	<i>Formica rufa</i>		✓	✓	✓	✓	✓		
6	Edible Snail	<i>Helix pomatia</i>		✓		✓		✓		
7	Glow-worm	<i>Lampyris noctiluca</i>		✓						
8	Red-tailed Bumblebee	<i>Bombus lapidarius</i>			✓	✓				
9	Buff-tailed Bumblebee	<i>Bombus terrestris</i>			✓	✓	✓	✓		
10	Common Carder Bumblebee	<i>Bombus pascuorum</i>			✓	✓				
11	Ichneumon	<i>Ophion luteus</i>			✓					
12	Longhorn Beetle sp					✓				
13	Shield Bug	<i>Graphosoma italicum</i>				✓				
14	Frog hopper	<i>Cercopis vulnerata</i>				✓				

	Common name	Scientific name	July							
			13	14	15	16	17	18	19	20
15	Longhorn Beetle	<i>Strangalia maculata</i>				✓				
16	Rose Chafer	<i>Cetonia aurata</i>				✓		✓		
17	Beetle	<i>Trichodes apiarius</i>				✓				
18	Tadpoles						✓			

**Flora** (The list below represents the commoner Flora identified on the tour)

**Borage family**

- 1 Viper's Bugloss
- 2 Alpine Wood Forget-me-not

**Boraginaceae**

- Echium vulgare*  
*Myosotis alpestris*

**Bellflower family**

- 3 Bearded Bellflower
- 4 Clustered Bellflower
- 5 Harebell
- 6 Round-headed Rampion

**Campanulaceae**

- Campanula barbata*  
*Campanula glomerata*  
*Campanula rotundifolia*  
*Phyteuma orbiculare*

**Pink family**

- 7 Fringed Pink
- 8 Gypsophila
- 9 Ragged Robin
- 10 Nottingham Catchfly
- 11 Bladder Campion

**Caryophyllaceae**

- Dianthus monspessulanus*  
*Gypsophila repans*  
*Lychnis flos-cuculi*  
*Silene nutans*  
*Silene vulgaris*

**Rockrose family**

- 12 Common Rockrose

**Cistaceae**

- Helianthemum nummularium*

**Daisy family**

- 13 Yarrow
- 14 Alpine Aster
- 15 Yellow Melancholy Thistle
- 16 Marsh Thistle
- 17 Hemp Agrimony
- 18 Alpine Hawkweed
- 19 Orange Hawkweed
- 20 Edelweiss
- 21 Ox-eyed Daisy
- 22 Common Ragwort

**Compositae**

- Achillea millefolium*  
*Aster alpinus*  
*Cirsium eristales*  
*Cirsium palustre*  
*Eupatorium cannabinum*  
*Hieracium alpinum*  
*Hieracium auranticum*  
*Leontopodium alpinum*  
*Leucanthimum vulgare*  
*Senecio jacobaea*

**Stonecrop family**

- 23 White Stonecrop

**Crassulaceae**

- Sedum alba*

	<b>Cress family</b>	<b>Crucifereae</b>
24	Buckler Mustard	<i>Biscutella laevigata</i>
	<b>Teasel family</b>	<b>Dipsacaceae</b>
25	Wood Scabious	<i>Knautia dipsacifolia</i>
	<b>Heather family</b>	<b>Ericaceae</b>
26	Hairy Alpenrose	<i>Rhododendron hirsutum</i>
27	Cowberry	<i>Vaccinium vitis-idaea</i>
	<b>Gentian family</b>	<b>Gentianaceae</b>
28	Trumpet Gentian	<i>Gentiana acualis</i>
29	Spotted Gentian	<i>Gentiana punctata</i>
30	German Gentian	<i>Gentianella germanica</i>
	<b>Geranium family</b>	<b>Geraniaceae</b>
31	Wood Cranesbill	<i>Geranium sylvaticum</i>
	<b>Mint family</b>	<b>Labiatae</b>
32	Alpine Basil Thyme	<i>Acinos alpina</i>
33	Selfheal	<i>Prunella vulgaris</i>
34	Meadow Clary	<i>Salvia pratensis</i>
35	Wild Thyme	<i>Thymus polytrichis</i>
	<b>Pea family</b>	<b>Leguminosae</b>
36	Kidney Vetch	<i>Anthyllis vulneraria</i>
37	Horseshoe Vetch	<i>Hippocrepis comosa</i>
38	Birdsfoot Trefoil	<i>Lotus corniculatus</i>
39	Common Sainfoin	<i>Onobrychis Campestris</i>
40	Red Clover	<i>Trifolium pratense</i>
41	White Clover	<i>Trifolium repens</i>
42	Tufted Vetch	<i>Vicia cracca</i>
43	Bush Vetch	<i>Vicia sepium</i>
	<b>Willowherb family</b>	<b>Onagraceae</b>
44	Mountain Willowherb	<i>Epilobium montanum</i>
45	Rosebay Willowherb	<i>Epilobium angustifolium</i>
	<b>Broomrape family</b>	<b>Orobanchaceae</b>
46	Slender Broomrape	<i>Orobanche gracilis</i>

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	<b>Thrift family</b>	<b>Plumbaginaceae</b>
47	Mountain Thrift	<i>Armeria maritima alpina</i>
	<b>Dock family</b>	<b>Polygonaceae</b>
48	Bistort	<i>Persicaria bistorta</i>
49	Alpine Bistort	<i>Persicaria vivipara</i>
	<b>Wintergreen family</b>	<b>Pyrolaceae</b>
50	Round-leaved Wintergreen	<i>Pyrola rotundifolia</i>
	<b>Buttercup family</b>	<b>Ranunculaceae</b>
51	Monkshood	<i>Aconitum napellus</i>
52	Dark Columbine	<i>Aquilegia atrata</i>
53	Meadow Buttercup	<i>Ranunculus acris</i>
54	Globe Flower	<i>Trollius europaeus</i>
55	Wolfsbane	<i>Aconitum vulparia</i>
	<b>Rose family</b>	<b>Rosaceae</b>
56	Alpine Lady's Mantle	<i>Alchemilla alpina</i>
57	Mountain Avens	<i>Dryas octopetala</i>
58	Wild Strawberry	<i>Fragaria vesca</i>
59	Water Avens	<i>Geum rivale</i>
60	Tormentil	<i>Potentilla erecta</i>
61	Bramble	<i>Rubus fruticosus</i>
62	Raspberry	<i>Rubus idaeus</i>
	<b>Bedstraw family</b>	<b>Rubiaceae</b>
63	Hedge Bedstraw	<i>Galium mollugo</i>
64	Lady's Bedstraw	<i>Galium verum</i>
	<b>Figwort family</b>	<b>Scrophulariaceae</b>
65	Eyebright	<i>Euphrasia rosikoviana</i>
66	Wood Cow-wheat	<i>Melampyrum sylvaticum</i>
67	Long Beaked Yellow Lousewort	<i>Pedicularis tuberosa</i>
68	Yellow Rattle	<i>Rhinanthus minor</i>
	<b>Nettle family</b>	<b>Urticaceae</b>
69	Stinging Nettle	<i>Urtica dioica</i>
	<b>Cow Parsley family</b>	<b>Umbelliferae</b>
70	Hogweed	<i>Heracleum sphondylium</i>

**Lily family**

- 71 Orange Lily
- 72 Martagon Lily
- 73 False White Helleborine

**Liliaceae**

- Lilium bulbiferum*
- Lilium martagon*
- Veratrum album*

**Orchid family**

- 74 Frog Orchid
- 75 Common Spotted Orchid
- 76 Small White Orchid
- 77 Broad-leaved Marsh Orchid
- 78 Early Marsh Orchid
- 79 Fragrant Orchid
- 80 Short-spurred Fragrant Orchid
- 81 Marsh Fragrant Orchid
- 82 Black Vanilla Orchid
- 83 Red Vanilla Orchid

**Orchidaceae**

- Coeloglossum viride*
- Dactylorhiza fuchsii*
- Gymnadenia albida*
- Dactylorhiza majalis*
- Dactylorhiza incarnata pulcellum*
- Gymnadenia conopsea*
- Gymnadenia odoratissima*
- Gymnadenia densiflora*
- Gymnadenia austriaca*
- Gymnadenia rubra*