

Butterflies of the Italian Dolomites

Naturetrek Tour Report

25 June - 2 July 2014



Alpine meadow at Rosengarten



Titania's Fritillary on Lesser Butterfly Orchid



Alpine Blue



Dolomites Butterflies Group

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Summary

The 2014 Naturetrek Group spent a week in stunning mountain scenery enjoying fantastic vistas and wonderful flora and fauna. The past winter had brought heavier than normal snowfall in the mountains resulting in cold, unsettled weather well into June. Whilst there were good numbers of birds, moths and flowers, some butterflies were late onto the wing. Sunshine was in short supply and when the sun appeared from behind a cloud butterflies would appear like magic, but as soon as it disappeared they would instantly go to ground. The group rose to the challenge and, although butterfly numbers were down on the previous year, we did have excellent views of many species to the delight of the photographers. In the end we saw almost 50 species, many of which were new to group members, and we saw many moths not normally recorded on this tour. The abundance of flora and flower-filled meadows was wonderful and 20 species of orchid was a bonus for the botanists on the tour. One memorable moment was seeing a freshly emerged Titania's Fritillary on a Lesser Butterfly Orchid.

The weather during the week was mixed with temperatures generally low. We had some rain and one overnight storm where the moth trap had to be abandoned for safety reasons and the group awoke to fresh snow on the mountain tops. By careful management we only got slightly damp on a couple of occasions.

A group tour is only as good as the people who form it and we had a keen, interested and enthusiastic band of people. Thanks must go to all for sharing their expertise and helping each other. Once again we were looked after very well by Stefano, Katia and all the staff at Hotel Gran Mugon, a super family-run hotel with good food and friendly faces which 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

Wednesday 25th June

Venice Airport to Tamion via the Agordo Gorge

Weather: A fine, clear and still night

The group members convened at North Terminal, London Gatwick airport for the afternoon British Airways flight to Venice. BA2584 was due to depart at 2pm but became a victim of industrial action by French Air Traffic controllers and eventually took off at 8.15pm. The six hour delay meant it was dark when we landed at Venice Marco Polo Airport. Jessica was waiting for us in the Arrivals Hall having been in Italy leading a Naturetrek botanical tour. It didn't take long for Alan to organise his vehicle and by 11.45pm we were heading north along the along the A27 Autostrada. Our route took us through Belluno and into the National Park of the Bellunesi Dolomites.

We stopped for a comfort break and light refreshments near Peron at the Candaten Picnic area then continued our journey 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. En route we spotted several Roe Deer and a Red Fox in the vehicle headlights. We arrived at the family-run Hotel Gran Mugon at 2.35am. Having called ahead to advise of our delay, we were greeted by Stefano who offered us refreshments but most of the group were more interested in retiring to bed.

Day 2

Thursday 26th June

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

Weather: Fine, clear and sunny with cloud developing in the afternoon. High 22 deg.C

Due to our late arrival we opted for a later start. Over breakfast we met the last two members of our group, Linda and Rob, who had been on the botanical tour with Jessica the previous week, and we were introduced to two more members of the Hotel 'family', Katia and Genio. At 10am we convened outside the hotel and after an official welcome by Alan and a few words about the week ahead we set off on foot to explore the area above Tamion. There were lots of day-flying moths to be seen including Chimney Sweeper, Burnet Companion, Speckled Yellow and Hummingbird Hawk-moth, and on the banks Fragrant, Fly, Bird's Nest and Lesser Butterfly Orchids. Overhead Tree Pipits were singing and displaying. Our first butterfly was a Painted Lady but a number of other interesting species were found including Woodland Ringlet, Heath Fritillary, Small and Large Tortoiseshells, and Large and Northern Wall Browns. Our best find was a Carline Skipper which hadn't been previously seen on this tour.

We returned to the hotel at 12.45pm and after a comfort stop we collected our vehicles and drove the short distance to Val di Monzoni. We stopped in a lovely meadow with fabulous views and after enjoying our first 'Naturetrek' picnic we completed a loop through the wooded area above the picnic site and down to the meadow below our vehicles. New butterfly sightings included Pearl-bordered Fritillary, Mountain Green-veined White, Woodland Ringlet (this time the higher altitude subspecies '*hippomedusa*') and Orange-tip. Interesting moths included Flame Carpet, Small Purple-barred and Shoulder-striped Wainscot. With the benefit of Jessica's knowledge from the botanical tour the previous week, we made a detour on our return to Tamion to see a superb stand of Lady's Slipper Orchids.

We arrived back at our hotel having enjoyed our first full day in the Dolomites which had been full of interesting sightings. We met at 6.45pm for our first evening get-together to talk through our day and plans for the next one. We then started our first 'species lists' session. At 7.30pm we adjourned for an enjoyable dinner before reconvening to complete our lists. Alan set the moth trap behind the hotel and we looked forward to our first 'mothing' session in the morning.

Day 3

Friday 27th June

Gardeccia and the Rosengarten (1997m)

Weather: Mainly fine with cloud over the mountains. Spots of rain from 3.30pm then heavier rain during the evening. Altitude high 14 deg.C., Valley high 21 deg.C

Pre-breakfast there was a good turn-out to inspect the moth trap with group members coming and going from 6am. There were numerous interesting species from Pine Hawk-moth to Great, Dark and Pale-shouldered Brocades. We also found a couple of European Geometrids and a European 'Y'. Birds were active around the large conifers located behind us with Fieldfare, Red Crossbill, Chaffinch and Carrion Crow making appearances whilst we listened to Coal Tit and Goldfinch.

We breakfasted slightly earlier to allow us to depart at 8.45am. We drove straight to the cable-car parking in the centre of Vigo di Fassa then called at the adjacent small supermarket to collect picnic ingredients. We were soon ascending the mountain by cable-car 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 cable-car station and were rewarded with a super suite of sightings. We found a splendid Marsh Fritillary of the '*debilis*' subspecies which occurs in the Alps and Pyrenees, usually above 1800m together with Alpine Heath and Alpine Blue. New moths included Small Argent and Sable and Triangle Plume whilst Raven performed overhead. After enjoying these meadows we set off to follow the track towards Gardeccia. Our path took us past large stands of Alpenrose and there were some fabulous mountain views. Next we stopped to explore a ski ride and whilst butterflies were absent we added two new moths to our list; Pretty Pinion and Red Twin-spotted Carpet. Also we saw a Nutcracker in a tree top and whilst scanning the ridges saw several Chamois.

We continued to Gardeccia where we had our picnic lunch. Whilst eating we were serenaded by Lesser Whitethroat singing from the top of a nearby tree and in the meadow we saw Alpine Marmot. Scanning the upper areas we found a group of Mouflon. Next we made a circuit of the surrounding meadows. Butterflies were in short supply but we did see Marsh Fritillary, Alpine Heath, Mazerine Blue and Dingy Skipper. We also added a lovely little European moth, Yellow Banded, to our moth list and spotted numerous tiny Vanilla Orchids. Our last spot at Gardeccia was a little dell which provided us with a lovely Geranium Argus which was found on a *Geranium* (Wood Crane's-bill).

All too soon it was time to return along the Rosengarten. We stopped at Rifugio Negritella for some well-earned refreshments. We had planned to revisit the cable-car meadows but with a few drops of rain and darkening skies we decided it would be better to head down from the high mountain. We caught the 3.45pm cable-car back to Vigo di Fassa and at the bottom it was much warmer. We headed back towards our hotel and stopped at a meadow near Tamion where we found Titania's Fritillary and Amanda's Blue. Back at the hotel we met at 6.30pm for our evening meeting and log call before another delicious evening meal.

After dinner Alan and Bill were going to set the moth trap when they heard a commotion in the small meadow behind the hotel and saw a number of Fieldfares dive-bombing a young Fox.

Day 4

Saturday 28th June

Sella Pass (2244m) and Canazei (1430m)

Weather: Overcast morning with some light showers from midday. Altitude high 10 deg.C. in the valley 21 deg.C

From 6.00am there was another 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 Pine-tree Lappet, Ghost Moth, Gold Spangle and Mottled Beauty.

At 9am, for those who had not made the pre-breakfast mothing session, we reviewed the new moths before they were released, and then 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. At the Pass we added Alpine Chough to our bird list then parked just over the summit near Rifugio Passo Sella. At altitude the temperature had dropped to 10 degrees and with a heavy cloud cover it felt chilly with butterflies in very short supply. We spent some time looking for White-winged Snowfinch which proved hard to spot but a couple of group members were fortunate to get flight views. We also saw several Alpine Marmots and watched a pair on their hind legs sparring. Our only new butterfly was a single Dewy Ringlet found by Celia.

We got back to the vehicles at 12.15pm intending to have our picnic but at the same time it started to rain so we decided to move lower down the mountain. The rain stopped as we descended and we stopped at a meadow near Bar Ristorante Monti Pallidi. We managed our picnic before the drizzle started again. As we were eating a Roe Deer walked across the parking area. A hardy few checked the meadow finding a few moths including Gold Spangle and Shears but alas, no butterflies.

In view of the weather we went lower again. On the valley floor it was dry and warmer so we stopped at some meadows near Canazei. Near the parking area male Serins were singing and showed well. We explored the meadows and walked along the riverside. Moths and butterflies were abundant. Butterflies included Geranium Argus, Amanda's Blue, Wood White, Large Wall Brown and Large Skipper. Dipper and Sand Martin were spotted over the river. With spirits raised we headed back toward our hotel and again stopped at the meadow above Tamion. Here sightings included Titania's Fritillary, Heath Fritillary and Woodland Ringlet. We also found a Patton's Tiger moth. Back at the hotel we again had our pre-dinner meeting before another tasty evening meal after which Alan set the moth trap. We retired with high hopes for an interesting moth catch in the morning.

Day 5

Sunday 29th June

Sud Tirol and Costalunga Pass

Weather: Fine, cloudy morning then cooler with intermittent rain from 12.30pm. Morning high 18 deg.C, afternoon high 12 deg.C

After a warmer night there were plenty of moths in and around the trap. Some group members were checking the haul from 6am with others members coming and going. Again there were new additions to the trip list including Poplar Hawk-moth, Poplar Lutestring, Shark, Map-winged Swift and Netted Pug.

With today's picnic food already collected we were ready to depart at 9am. Again, before leaving new and interesting moths from the trap were shown to the group before they were released. We then we set off in a new direction and headed west. We drove over Costalunga Pass at 1752 metres and down the Sud Tirol towards Bolzano. Our first stop was to be above Ponte Nova at 980 metres to check a long, thin meadow bordered on one side by a tree-lined river, and the other by mixed woodland. As we turned off the road there was a sign announcing a rock concert the night before. We found the area fenced with a stage and tents, the meadow cut and the start of a clean-up operation. Obviously not the place for us so we continued down the valley...

We stopped further down the Sud Tirol below Ponte Nova at 750 metres where our plan was to check a disused quarry area. As we set off we crossed a bridge and looking down on the river a Dipper was spotted. Continuing into the quarry area it was alive with butterflies and other insects and we had good views of many. One of the most numerous butterflies was Essex Skipper and we had fun checking the under-antennae colour, black for Essex and brown for Small Skipper. Other new butterflies for the trip included Ringlet, Marbled Fritillary and Provencal Short-tailed Blue. We also saw several Southern White Admirals which, unfortunately, kept high and out of reach. An interesting find was a Mountain Cicada sat on a low branch and with the use of a magnifying glass we were able to see the three spines on its front legs. Also we found a Bee Beetle, several Shield Bugs and numerous moths. Bird-wise, Grey Heron and Honey Buzzard were spotted.

As midday approached we decided to go back to the rock concert field, have our picnic adjacent to it then see if access was available. As we pulled up there were the first drops of rain. We managed our picnic before some serious rain so we moved on to Costalunga Pass. The skies looked heavy so we retired to Pizzeria Antemont for a hot drink and to see if the rain would pass. By 2pm it was light drizzle so we had a quick look at the meadow near the Ristorante and only found Chives, a Dark Rampion but no insects. We decided to move lower and stopped at a meadow above Tamion where some clumps of Coral Root Orchids were seen. As it was dry for the moment we checked the meadow finding Woodland Ringlet and Mazarine Blue. The prospect for butterflies was not good so some members walked back to the hotel, others chose to ride back, and we finished the afternoon in the bar examining photographs to identifying some of the moths we had seen that we had not yet put a name to. We had our usual evening meeting and log call at 6.30pm before dinner. After the meal Alan turned on the moth trap but there were mixed prospects due to a bad overnight weather forecast.

Day 6

Monday 30th June

Predazzo and Paneveggio Natural Park

Weather: After a stormy night a fine, dry day with some cloud and sun. Morning high 19 deg.C, afternoon high 14 deg.C

Most of the group had slept through an extremely stormy night. As we checked the moth trap at 6am it was fine and clear with fresh snow on the mountain tops. We found that the hotel management had turned off the bulb and covered the trap as a precaution due to the strong gusts.

We only found two moths in the trap but there were several pugs on the wall. Pugs can take some time to identify so we decided to use the time to examine them. In the end we identified four new pugs: Common, Freyer's, Oak-tree and Larch. Birds were active in the trees behind us and we watched Crossbills and a Great Spotted Woodpecker.

Today we headed to towards Paneveggio Natural Park. As we passed through Predazzo we stopped at 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 close by so everyone debussed in a rush. The Apollo showed well and during the hour we were there we saw four in flight and on close vegetation. Whilst there the sun was shining and butterflies and moths were active. In an exciting hour we saw twelve species of butterflies including Heath Fritillary, False Heath Fritillary, Pearly Heath and Black-veined White. New moths included Transparent Burnet and Nine Spotted, and there was an interesting selection of other insects. Happy with our sightings we continued our route and stopped behind Paneveggio Natural Park Visitor Centre. On the adjacent grass bank we had good views of a Narrow-bordered Bee Hawk-moth, then we checked the woodland edge where butterfly sightings included Small Heath, Amanda's Blue, Pearl-bordered Fritillary and Little Blue. Overhead a Sparrowhawk was spotted. 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. Once into the valley we drove to the top car park where we left the vehicles and continued on foot to explore the valley. We saw a few butterflies including Small Tortoiseshell, Red Admiral, Black-veined White, Mazerine Blue and Woodland Ringlet. There were also interesting plants including Rhaetian Poppy and good numbers of Broad-leaved Marsh Orchid and Alpine Broad-leaved Marsh Orchid. We stopped at Rifugio Malga Venegiota at 1819 metres. Some members took the opportunity for a coffee and scanning around we saw numerous Alpine Marmots, Siskin, Linnet, Serin and Citril Finch. The walk back livened up when we saw a couple of fresh Fritillaries. Alan managed to catch one which, to the delight of the group, was a male Mountain Fritillary.

We all met back at the vehicles at 4.15pm for the return drive to our hotel after a day in fabulous scenery. We were later than usual reaching Tamion so we reconvening at 6.50pm for our evening meeting. Jeff and Celia had earlier examined a marshy area in the valley and taken a photograph of a butterfly which was identified as a male Shepherd's Fritillary. After dinner the moth trap was set then some members joined Jessica and Alan at 9.30pm for a walk along the lane for Glow-worms. As it got dark a few females were found with their bioluminescence glowing to try and attract a male. Using Alan's Bat Detector, we also identified Serotine and Noctule bats.

Day 7

Tuesday 1st July

Tamion, San Pellegrino Pass (1920m) and Val di Monzoni

Weather: Cold and cloudy start. Rain from 12–2pm then clearing to a little late sun. Mid-morning 10 deg.C, mid-afternoon 16 deg.C

There was a good turn-out from 6am for our last inspection of the moth trap. There were a few new species for the trip including Brown-line Bright-eye, Heart and Club and European Geometrid *Charissa glaucinaria*.

With the weather cloudy and the temperature slow to rise we changed our plans opting for a walk around Tamion before going up to San Pellegrino to give the higher area time to warm up. We set off at 9am and checked the lower meadows we had visited on our first morning. We had some interesting birds, finding three Green Woodpeckers on the track and a Bonelli's Warbler which showed well. Mazarine Blue was our only butterfly and a new moth was the grass moth *Crambus perlella*.

We returned to the hotel for a comfort break before driving up to the San Pellegrino Pass at 1920 metres, arriving at 11am. Unfortunately it was only 10 deg C with mist over the mountain tops but we decided to see what we could find in the meadows behind Miralago. There were a few butterflies but we were interested to find three variations of the *hippomedusa* subspecies of Woodland Ringlet which were all a little different. We spent an hour at the meadow then walked past Miralago to Val Dai Be. The channel was still full of snow and, with a few spots of rain starting to fall, we headed back to Ristorante Bar Miralago for a hot drinks.

After drinks we got back into the vehicles and drove down to lower altitudes revisiting Val di Monzoni. After our picnic lunch we did a circuit of the meadow where butterflies included Mazarine Blue, Small Heath and Wood White. We decided on a last 'roll of the dice' by stopping at the meadow above Tamion on our way back to the hotel. This was a good decision as we had a few minutes of sun and some fantastic butterflies including Heath Fritillary and a superb fresh Titania's Fritillary which posed on a Lesser Butterfly Orchid for the photographers.

All too soon it was time to return to the hotel as we had bags to pack for our departure the following morning. We met at 6.30pm and, before our last log call, group members were checked-in online for their flight. At the meeting thanks were expressed to all for joining in and sharing their knowledge, and Jessica and Alan were thanked for leading the tour. We then enjoyed our last dinner which concluded with the group saying their thanks to Genio, Katia and Stefano for looking after us so well.

Day 8

Wednesday 2nd July

Tamion to Venice Airport via the Agordo Gorge

Weather: Mist and rain clearing to heavy cloud at Candaten and hazy sun at Venice. Temperature 10 deg.C at Tamion, 16 degrees at Candaten and 29 degrees at Venice

We were hoping for a leisurely start to the day around Tamion. Unfortunately the weather beat us with heavy mist and it was too wet for a walk. Instead we had a leisurely breakfast, loaded the vehicles, said our 'goodbyes' then left Tamion at 10am. As we progressed the rain eased and it was fine when we reached Candaten Picnic Area at 11.15am. The cafe/shop was closed but on checking the buildings we found an interesting selection of new moths including Buff-tip, Water Ermine, Black V Moth and Pale Tussock. We took the path through to the braided riverbed passing Wood White and a Brimstone. Near the river a small white was found which, on closer inspection, turned out to be Southern Small White.

We returned to the cafe and used a table for our mini picnic. Opposite we watched a couple of Roe Deer whilst overhead we saw Alpine Swift. All too soon it was time to continue our journey to Venice. The drive was uneventful but we did spot some birds including Yellow-legged Gulls, Little Egret and Collared Dove.

At Venice Airport our path through Bag Drop and Security was easy. We had a little time to look around and Great Cormorant and Kestrel were spotted. We took off 35 minutes later than scheduled and after a good flight landed at London Gatwick at 7.15pm. Once through immigration we collected our bags then said our farewells before 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. Thanks to Alan Martin for taking time to send some later identifications to help make our tour sightings list as complete as possible. Also Norman found a butterfly wing in a spider's web which he took home and it was later identified as a Woodland Brown. Tamion is at the southern edge of the range for this species which has not been recorded alive on this tour, so a challenge has been set for 2015.

Thanks must go to all members who got on well together, sharing knowledge and expertise to enhance the overall enjoyment of the trip. We shared an enjoyable week and saw many new species in a spectacular mountain environment.

Naturetrek Facebook

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

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

Species List

Butterflies

Location	Elevation	Code	Location	Elevation	Code
Venice Airport/motorway svcs	V		Park Natural Paneveggio	1450m	Pr
Bellunesi National Park	440m	B	Eggental	750-980m	E
Tamion	1548m	T	Costalunga Pass	1752m	C
Val di Monzoni	1526m	M	Sella Pass	2244m	S
Rosengarten	1997m	R	Canazei	1430m	Ca
Predazzo	1018m	Pr	San Pellegrino Pass	1920m	SP

	Common name	Scientific name	June/July						
			26	27	28	29	30	1	2
1	Apollo	<i>Parnassius apollo</i>					Pr		
2	Black-veined White	<i>Aporia crataegi</i>	M				Pr,P		B
3	Large White	<i>Pieris brassicae</i>				E			
4	Small White	<i>Artogeia rapae</i>					P		
5	Southern Small White	<i>Artogeia manii</i>							B
6	Mountain Green-veined White	<i>Artogeia bryoniae</i>	M	R					
7	Green-veined White	<i>Artogeia napi</i>					P		B
8	Brimstone	<i>Gonepteryx rhamni</i>							B
9	Wood White	<i>Leptidea sinapis</i>	T,M		Ca	E		M	B
10	Provençal Short-tailed Blue	<i>Everes alcetas</i>				E			
11	Little Blue	<i>Cupido minimus</i>	M	R	S,Ca	E	Pr,P	T,SP,M	
12	Geranium Argus	<i>Eumedonia eumedon</i>		R	Ca				
13	Alpine Blue	<i>Albulina orbitulus</i>		R					
14	Mazarine Blue	<i>Cyaniris semiargus</i>	T,M	R	S,Ca	E	Pr,P	T,SP,M	
15	Amanda's Blue	<i>Agrodiaetus amandus</i>		T	Ca	E	Pr,P	T	
16	Common Blue	<i>Polyommatus icarus</i>	T			E	Pr		
17	Southern White Admiral	<i>Limentis reducta</i>				E			
18	Small Tortoiseshell	<i>Aglais urticae</i>	T	R			P		
19	Large Tortoiseshell	<i>Nymphalis polychloros</i>	T,M	R					

	Common name	Scientific name	June/July						
			26	27	28	29	30	1	2
20	Red Admiral	<i>Vanessa atalanta</i>	T	R	Ca		P		
21	Painted Lady	<i>Vanessa cardui</i>	T				P		
22	Comma Butterfly	<i>Polygonia c-album</i>	T						
23	High Brown Fritillary	<i>Argynnis adippe</i>	T						
24	Marbled Fritillary	<i>Brenthis daphne</i>				E			
25	Shepherd's Fritillary	<i>Boloria pales</i>					P		
26	Mountain Fritillary	<i>Boloria napaea</i>					P		
27	Titania's Fritillary	<i>Clossiana titania</i>	T	T	T			T	
28	Pearl-bordered Fritillary	<i>Clossiana euphrosyne</i>	T,M						
29	Small Pearl-bordered Fritillary	<i>Clossiana selene</i>	T,M						
30	False Heath Fritillary	<i>Melitaea diamina</i>		T			Pr		
31	Heath Fritillary	<i>Melicta athalia</i>	T		T	E	Pr	T	
32	Marsh Fritillary	<i>Euphydryas aurinia</i>		R					
32a	subspecies	<i>Euphydryas aurinia debilis</i>		R				SP	
33	Marbled White	<i>Melanargia galathea</i>		R		E	Pr		
34	Woodland Ringlet	<i>Erebia medusa</i>	T,M	R,T	Ca	T		T	
34a	subspecies	<i>Erebia medusa hippomedusa</i>	M				Pr	SP,M	
35	Dewy Ringlet	<i>Erebia pandrose</i>			S				
36	Meadow Brown	<i>Maniola jurtina</i>		T			Pr		B
37	Ringlet	<i>Aphantopus hyperantus</i>				E			
38	Small Heath	<i>Coenonympha pamphilus</i>	T,M	R,T	Ca	E	P	SP,T	
39	Pearly Heath	<i>Coenonympha arcania</i>					Pr		
40	Alpine Heath	<i>Coenonympha gardetta</i>		R					
41	Speckled Wood	<i>Pararge aegeria</i>	T			E			
42	Northern Wall Brown	<i>Lasiommata petropolitana</i>	T						
43	Large Wall Brown	<i>Lasiommata maera</i>	T		Ca				
44	Large Grizzled Skipper	<i>Pyrgus alveus</i>	M						
45	Carline Skipper	<i>Pyrgus carlinae</i>	T						
46	Dingy Skipper	<i>Erynnis tages</i>	T,M	R					
47	Essex Skipper	<i>Thymelicus lineola</i>				E	Pr		
48	Small Skipper	<i>Thymelicus sylvestris</i>				E			B
49	Large Skipper	<i>Ochlodes venatus</i>	T						

	Common name	Scientific name	June/July						
			26	27	28	29	30	1	2
Bradley Number									
Micro Moths			[T - trap, F - field]						
147	Longhorn	<i>Nemophora metallica</i>			F				
418	Apple Fruit Moth	<i>Argyresthia conjugella</i>		T	T	T			T
530	Coleophorid family	<i>Coleophora lixella</i>							F
no number	Gelechid family	<i>Pseudotelphusa tessella</i>							F
1011	Tortrix family	<i>Pseudargyrotoza conwagana</i>			T	T			
1018-24	A grey tortrix	<i>Cnephasia agg.</i>					T		T
1063	Tortrix family	<i>Celypha striana</i>			T				
1067	Tortrix family	<i>Celypha cespitana</i>			T				
1174	Tortrix family	<i>Notocelia cynosbatella</i>				T			
1181-87	Tortrix family	<i>Epiblema sp.</i>	F		T				
1293	Garden Grass-veneer	<i>Chrysoteuchia culmella</i>	F		F				F
1294	Crambid Grass Moth family	<i>Crambus pascuella</i>			F				
1301	Crambid Grass Moth family	<i>Crambus lathoniellus</i>	F		T,F		F		T,F
1302	Crambid Grass Moth family	<i>Crambus perlella</i>							F
1310	Crambid Grass Moth family	<i>Catoptria permutatellus</i>				T			F
1370	Crambid family	<i>Sitochroa palealis</i>				T			
1375	European Corn-borer	<i>Ostrinia nubilalis</i>		T					
1394	Crambid family	<i>Udea alpinalis</i>							F
1454	Spruce Cone Worm	<i>Dioryctria abietella</i>			T	T			
1454b	Pyalid	<i>Dioryctria sylvestrella</i>				T			
1501	Triangle Plume	<i>Platyptilia gonodactyla</i>		F					F
1503	Tansy Plume	<i>Gillmeria ochrodactyla</i>			F				
1513	White Plume Moth	<i>Pterophorus pentadactyla</i>			T	T			
1517	Hemp-agrimony Plume	<i>Adaina microdactyla</i>							F
Macro Moths									
14	Ghost Moth	<i>Hepialus humuli humuli</i>			T		T		
18	Map-winged Swift	<i>Hepialus fusconebulosa</i>				T			T
163	Forester sp	<i>Adscita statices</i>	F						
169	Six-spot Burnet	<i>Zygaena filipendulae</i>			F	F			F

	Common name	Scientific name	June/July						
			26	27	28	29	30	1	2
170	Five-spot Burnet	<i>Zygaena trifolii</i>				F			
172	Transparent Burnet	<i>Zygaena purpuralis</i>					F		
no number	unnamed Burnet	<i>Zygaena loti</i>	F	F		F		F	
no number	unnamed Burnet	<i>Zygaena osterodensis</i>					F		
1639	Pine-tree Lappet	<i>Dendrolimus pini</i>			T	T		T	
1655	Poplar Lutestring	<i>Tethea or</i>				T			
no number	Rose-bordered Wave	<i>Rhodostrophia vibicaria</i>					F		
1722	Flame Carpet	<i>Xanthorhoe designata</i>	F						
1724	Red Twin-spot Carpet	<i>Xanthorhoe spadicearia</i>		F					
1727	Silver-ground Carpet	<i>Xanthorhoe montanata</i>	F	T,F	T,F	T		F	
1732	Shaded Broad-bar	<i>Scotopteryx chenopodiata</i>	F			F			
1735	Ruddy Carpet	<i>Catarhoe rubidata</i>		T					
1737	Small Argent and Sable	<i>Epirrhoe tristata</i>		F			F		
1754	Phoenix	<i>Eulithis prunata</i>		T					
1768	Grey Pine Carpet	<i>Thera obeliscata</i>				T			
1769	Spruce Carpet	<i>Thera britanica</i>				T		T	
1773	Broken-barred Carpet	<i>Electrophaes corylata</i>				T			
1778	May Highflyer	<i>Hydriomena impluviata</i>				T			
1782	Fern	<i>Horisme tersata</i>				T		T	
1785	Barberry Carpet	<i>Pareulype berberata</i>			T	T	T	T	
1803	Small Rivulet	<i>Perizoma alchemillata</i>			T,F	T			
1806	Pretty Pinion	<i>Perizoma blandiata</i>		F					
1807	Grass Rivulet	<i>Perizoma albulata</i>	F	T,F	F	F		F	
1815	Cloaked Pug	<i>Eupithecia abietaria</i>			T				
1823	Netted Pug	<i>Eupithecia venosata</i>				T			
1827	Freyer's Pug	<i>Eupithecia intricata</i>					T		
1834	Common Pug	<i>Eupithecia vulgata</i>					T		
1846	Narrow-winged Pug	<i>Eupithecia nanata</i>			T		T	T	
1853	Oak-tree Pug	<i>Eupithecia dodoneata</i>					T		
1856	Larch Pug	<i>Eupithecia lariciata</i>				T	T		
1870	Chimney Sweeper	<i>Odezia atrata</i>	F	F	F	F		F	
no number	Unnamed Geometrid	<i>Colostygia laetaria</i>		T					

	Common name	Scientific name	June/July							
			26	27	28	29	30	1	2	
1887	Clouded Border	<i>Lomaspilis marginata</i>	F	T,F	T,F	T			F	
1893	Tawny-barred Angle	<i>Macararia liturata</i>		T	T	T			T	
1894	Latticed Heath	<i>Chiasma clathrata clathrata</i>	F	T,F	F	T,F			F	
1906	Brimstone Moth	<i>Opistograptis luteolata</i>		T	T	T			T	
1909	Speckled Yellow	<i>Pseudopanthera macularia</i>	F		F	F	F	F	F	
1917	Early Thorn	<i>Selenia dentaria</i>	F							
1920	Scalloped Hazel	<i>Odontopera bidentata</i>		T	T	T	T	T	T	
1931	Peppered Moth	<i>Biston betularia</i>		T	T	T			T	
1941	Mottled Beauty	<i>Alcis repandata repandata</i>			T	T	T			
1943	Great Oak Beauty	<i>Hypomecis roboraria</i>								F
1948	Small Engrailed	<i>Ectropis crepuscularia</i>								F
1952	Common Heath	<i>Ematurga atomaria</i>	F	F					F	
1955	Common White Wave	<i>Cabera pusaria</i>			F	F				
1956	Common Wave	<i>Cabera exanthemata</i>	F		F	T			F	
1962	Barred Red (green form)	<i>Hylaea fasciara prasinaria</i>		T						
1964	Annulet	<i>Charissa obscurata</i>				T				
no number	Unnamed Geometrid	<i>Charissa pullata</i>		T	T	T	T			
no number	Unnamed Geometrid	<i>Charissa glaucinaria</i>							T	
no number	Unnamed Geometrid	<i>Elophos dilucidaria</i>		F						
no number	Unnamed Geometrid	<i>Elophos vittaria mendicaria</i>		T	T					
no number	Yellow Banded	<i>Psodos quadrifera</i>		F	F					
1978	Pine Hawk-moth	<i>Hyloicus pinastri</i>		T	T	T			T	
1981	Poplar Hawk-moth	<i>Laothoe populi</i>				T				
1982	Narrow-bordered Bee Hawk-moth	<i>Hemaris tityus</i>						F		
1984	Hummingbird Hawk-moth	<i>Macroglossum stellatarum</i>	F		F					
no number	Unnamed Noctuid	<i>Agrotis simplonia</i>				T				
1994	Buff-tip	<i>Phalera bucephala</i>								F
2028	Pale Tussock	<i>Calliteara pudibunda</i>								F
2032	Black V Moth	<i>Arctornis l-nigrum</i>								F
2039	Red-necked Footman	<i>Atolmis rubricolis</i>			F	T				
2040	Four-dotted Footman	<i>Cybosia mesomella</i>			T				T	
2050	Common Footman	<i>Eilema lurideola</i>			T					

	Common name	Scientific name	June/July						
			26	27	28	29	30	1	2
2058a	Patton's Tiger	<i>Hyphoraia testudinarta</i>			F	T			
2059	Clouded Buff	<i>Diacrisia sannio</i>	F	T	T,F	T			
2061	Buff Ermine	<i>Spilosoma luteum</i>							F
2062	Water Ermine	<i>Spilosoma urticae</i>							F
2070	Nine Spotted	<i>Amata phegea</i>					F		F
2084	Light Feathered Rustic	<i>Agrotis cinerea</i>			T	T			
2088	Heart and Club	<i>Agrotis clavis</i>						T	
2089	Heart and Dart	<i>Agrostis exclamationis</i>				T		T	
2107	Large Yellow Underwing	<i>Noctua pronuba</i>		T	T	T		T	
2118	True Lover's Knot	<i>Locophotia porphyrea</i>			T	T		T	
2120	Ingrailed Clay	<i>Diarsia mendica</i>		T	T			T	
2123	Small Square-spot	<i>Diarsia rubi</i>			T				
2126	Setaceous Hebrew Character	<i>Xestia c-nigrum</i>				T	T		
2128	Double Square-spot	<i>Xestia triangulum</i>		T					
no number	Unnamed Noctuid	<i>Calliergis ramosa</i>			T	T			
2137	Great Brocade	<i>Eurios occulta</i>		T	T	T		T	
2138	Green Arches	<i>Anaplectoides prasina</i>		T	T	T		T	
2147	Shears	<i>Hada plejeba</i>		T	T,F	T		T	
2151	Feathered Ear	<i>Pachetera sagittigera</i>		T					
2153	Bordered Gothic	<i>Heliophobus reticulata</i>		T					
2154	Cabbage Moth	<i>Mamestra brassicae</i>				T			
2156	Beautiful Brocade	<i>Lacanoba contigua</i>				T			
2158	Pale-shouldered Brocade	<i>Lacanobia thalassina</i>		T	T			T	
2162	Glaucous Shears	<i>Papestra biren</i>				T		T	
2163	Broom Moth	<i>Melandra pisi</i>		T		T		T	
2171	Marbled Coronet	<i>Hadena confusa</i>				T		T	
2192	Brown-line Bright-eye	<i>Mythimna conigera</i>						T	
2205	Shoulder-striped Wainscot	<i>Mythimna comma</i>	F		F			F	
2216	Shark	<i>Cucullia umbratica</i>				T			
no number	Unnamed Noctuid	<i>Dichonia aeruginea</i>			T				
2250	Dark Brocade	<i>Bepharita adusta</i>		T	T	T			
2302	Brown Rustic	<i>Rusina ferruginea</i>				T			

	Common name	Scientific name	June/July						
			26	27	28	29	30	1	2
2318	Dun-bar	<i>Cosmia trapezina</i>		T					
2320	Saxon	<i>Hyppa rectilinea</i>				T		T	
2321	Dark Arches	<i>Apamea monoglypha</i>				T			
2326	Clouded Bordered Brindle	<i>Apamea crenata</i>		T	T	T			
2337	Marbled Minor agg.	<i>Oligia strigilis (Complex)</i>		T	T	T	T	T	
2381	Uncertain	<i>Hoplodrina alsines</i>				T			
2434	Burnished Brass	<i>Diachrysis chrysitis f. juncta</i>		T					
2441	Silver Y	<i>Autographa gamma</i>	F	T,F	T,F	T,F	F	F	
2444	Gold Spangle	<i>Autographa bractea</i>			T,F				
no number	a European Y	<i>Syngrapha ain</i>		T				T	
no number	Alpine Y	<i>Syngrapha devergens</i>					F		
2463	Burnet Companion	<i>Euclidia glyphica</i>	F	F	F		F	F	
2470	Small Purple-barred	<i>Phyometra viridaria</i>	F	F					
no number	Unnamed Noctuid	<i>Panthea coenobita</i>				T			
2477	Snout	<i>Hypena probascidalis</i>				T			
2479	Paignton Snout	<i>Hypena obesalis</i>		T		T			

Birds (H = heard only; LO = leader only)

1	Mallard	<i>Anas platyrhynchos</i>					7	5	8
2	Grey Heron	<i>Ardea cinerea</i>				1	1		
3	Little Egret	<i>Egretta garzetta</i>							101
4	Great Cormorant	<i>Phalacrocorax carbo</i>							4
5	European Honey Buzzard	<i>Pernis apivorus</i>	2		1	1	2		
6	Eurasian Sparrowhawk	<i>Accipiter nisus</i>					1	1	
7	Common Buzzard	<i>Buteo buteo</i>	1	1	1	1	1	2	
8	Common Kestrel	<i>Falco tinnunculus</i>							2
9	Yellow-legged Gull	<i>Larus michahellis</i>							50
10	(Feral) Rock Dove	<i>Columba livia 'feral'</i>							20
11	Common Wood Pigeon	<i>Columba palumbus</i>		1			1		40
12	Eurasian Collared Dove	<i>Streptopelia decaocto</i>							2
13	Common Cuckoo	<i>Cuculus canorus</i>			1	H		H	
14	Alpine Swift	<i>Tachymarptis melba</i>			7	8	2	6	1

	Common name	Scientific name	June/July						
			26	27	28	29	30	1	2
15	Common Swift	<i>Apus apus</i>	12	4	6	40	20	10	2
16	Great Spotted Woodpecker	<i>Dendrocopos major</i>		1		H	1	1	2
17	European Green Woodpecker	<i>Picus viridis</i>	2				H	4	
18	Red-backed Shrike	<i>Lanius collurio</i>					1		
19	Eurasian Jay	<i>Garrulus glandarius</i>				H	1		
20	Eurasian Magpie	<i>Pica pica</i>		1	2	1	2	2	1
21	Spotted Nutcracker	<i>Nucifraga caryocatactes</i>	1	4		H	H	1	
22	Alpine Chough	<i>Pyrrhocorax graculus</i>			23		2		
23	Carrion Crow	<i>Corvus corone</i>	4	4	4	6	6	6	2
24	Hooded Crow	<i>Corvus cornix</i>			1	1			2
25	Northern Raven	<i>Corvus corax</i>		2					
26	Willow Tit	<i>Poecile montanus</i>	H	1	1	4	H	1	
27	Coal Tit	<i>Parus ater</i>	H	3	1	4	1	4	H
28	European Crested Tit	<i>Lophophanes cristatus</i>		1	H	4			
29	Great Tit	<i>Parus major</i>				2			
30	Eurasian Blue Tit	<i>Cyanistes caeruleus</i>				4	2		
31	Barn Swallow	<i>Hirundo rustica</i>	12	6	10	10	10	15	6
32	Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>	4	4	6	6	6	6	4
33	Common House Martin	<i>Delichon urbicum</i>	2	6	12	10	3	8	2
34	Long-tailed Tit	<i>Aegithalos caudatus</i>			20	5			
35	Willow Warbler	<i>Phylloscopus trochilus</i>							4
36	Common Chiffchaff	<i>Phylloscopus collybita</i>	H	H	1	H	H	H	H
37	Western Bonelli's Warbler	<i>Phylloscopus bonelli</i>	H			H	1	1	H
38	Eurasian Blackcap	<i>Sylvia atricapilla</i>	H	H	1	H	H	H	H
39	Lesser Whitethroat	<i>Sylvia curruca</i>		1		1			
40	Icterine Warbler	<i>Hippolais icterina</i>							H
41	Goldcrest	<i>Regulus regulus</i>			H			1	
42	Eurasian Wren	<i>Troglodytes troglodytes</i>		H	H	H	H		
43	Eurasian Nuthatch	<i>Sitta europaea</i>				1			
44	Treecreeper sp.	<i>Certhia sp.</i>				1		1	
45	Ring Ouzel	<i>Turdus torquatus</i>		H	H			H	
46	Common Blackbird	<i>Turdus merula</i>	1	H	1		1	1	2

	Common name	Scientific name	June/July						
			26	27	28	29	30	1	2
47	Fieldfare	<i>Turdus pilaris</i>	4	6	4	6	4	4	2
48	Song Thrush	<i>Turdus philomelos</i>	1	H	H	H			H
49	Mistle Thrush	<i>Turdus viscivorus</i>			6		2	1	
50	European Robin	<i>Erithacus rubecula</i>	H	H	H	H			
51	Black Redstart	<i>Phoenicurus ochruros</i>	2	4	6	4	4	4	1
52	Common Redstart	<i>Phoenicurus phoenicurus</i>		1					
53	Whinchat	<i>Saxicola rubetra</i>			1			1	
54	Spotted Flycatcher	<i>Muscicapa striata</i>	1			1	1		
55	White-throated Dipper	<i>Cinclus cinclus</i>			1	2	2		
56	House Sparrow	<i>Passer domesticus</i>	12	12	12	12	12	12	6
57	Italian Sparrow	<i>Passer italiae</i>	2	4	6	2	2	2	
58	White-winged Snowfinch	<i>Montifringilla nivalis</i>			2				
59	Dunnock	<i>Prunella modularis</i>						H	
60	Grey Wagtail	<i>Motacilla cinerea</i>		1		2	2	1	1
61	White Wagtail	<i>Motacilla alba alba</i>	1	1	1	2	4	3	2
62	Tree Pipit	<i>Anthus trivialis</i>	2	2		2	1	1	
63	Water Pipit	<i>Anthus spinoletta</i>			3				
64	Common Chaffinch	<i>Fringilla coelebs</i>	H	4	6	4	8	6	2
65	European Serin	<i>Serinus serinus</i>		1	4		3		
66	European Greenfinch	<i>Chloris chloris</i>	1				2		
67	Eurasian Siskin	<i>Carduelis spinus</i>	H				3	8	
68	European Goldfinch	<i>Carduelis carduelis</i>	2	4	2	2	6	6	1
69	Citril Finch	<i>Carduelis citrinella</i>					L.O.		
70	Common Redpoll	<i>Carduelis flammea</i>					1	4	
71	Common Linnet	<i>Carduelis cannabina</i>			2		5	2	
72	Red Crossbill	<i>Loxia curvirostra</i>		6	2		3	2	
73	Eurasian Bullfinch	<i>Pyrrhula pyrrhula</i>			H			H	

Other Insects (✓ = recorded but not counted)

Shield Bugs								
	(black/red striped)	<i>Graphosoma italicum</i>				✓		
	(diamond-shaped abdomen)	<i>Syromastes rhombeus</i>				✓		

	Common name	Scientific name	June/July						
			26	27	28	29	30	1	2
	(orange)	<i>Carpocoris fuscispinus</i>				✓			
	Sloe Bug	<i>Dolycoris baccarum</i>			✓	✓			
Water Bugs									
	Common Pond Skater	<i>Gerris lacustris</i>			✓		✓		✓
Cicadas									
	Mountain Cicada	<i>Cicadetta montana</i>				✓			
Froghoppers									
	(black/red spots)	<i>Cercopis vulnerata</i>	✓			✓		✓	
Crane-flies									
	Daddy-long-legs	<i>Tipula maxima</i>		✓	✓	✓			
	(3 yellow bands)	<i>Nephrotoma crocata</i>			✓				
Hover-flies									
	Marmalade Hoverfly	<i>Episyrphus balteatus</i>		✓		✓		✓	
	(red/brown abdomen)	<i>Rhingia campestris</i>	✓					✓	
	(2 broken yellow abd. Bands)	<i>Myathropa florea</i>				✓			
Sawflies									
	(4 yellow abdominal bands)	<i>Megalodontes klugii</i>				✓			
Scorpion Flies									
	Scorpion Fly	<i>Panorpa meridionalis</i>			✓	✓		✓	
Other Flies									
	Stonefly sp.	<i>Perlodes sp.</i>						✓	
Ichneumons									
	(red)	<i>Ophion luteus</i>		✓	✓	✓			
Ants									
	Wood Ant	<i>Formica rufa</i>		✓	✓	✓	✓	✓	
Wasps									
	Common Wasp	<i>Vespula vulgaris</i>	✓	✓	✓	✓		✓	✓
Bees									
	Honey Bee	<i>Apis mellifera</i>	✓	✓	✓	✓		✓	
	White-tailed Bumblebee	<i>Bombus lucorum</i>	✓	✓	✓	✓	✓	✓	
	Buff-tailed Bumblebee	<i>Bombus terrestris</i>		✓					
	Red-tailed Bumblebee	<i>Bombus lapidarius</i>	✓		✓		✓	✓	

	Common name	Scientific name	June/July						
			26	27	28	29	30	1	2
	Common Carder-bee	<i>Bombus pascuorum</i>			✓	✓	✓		✓
	Tree Bumblebee	<i>Bombus hypnorum</i>				✓	✓		
Tiger Beetles									
	Green Tiger Beetle	<i>Cicindela campestris</i>		✓					
	(red/brown with yellow marks)	<i>Cicindela hybrida</i>	✓						
Chafers									
	Garden Chafer	<i>Phyllopertha horticola</i>	✓	✓	✓			✓	
	Rose Chafer	<i>Cetonia aurata</i>	✓					✓	
	Bee Beetle	<i>Trichius fasciatus</i>				✓			✓
	(metallic blue)	<i>Hoplia caerulea</i>			✓			✓	
	(Greenish yellow)	<i>Hoplia argentea</i>	✓					✓	
	(black/white spots)	<i>Oxythyrea funestra</i>				✓			
Soldier Beetles									
	(brown/red head)	<i>Cantharis livida</i>				✓		✓	✓
	Common Red Soldier Beetle	<i>Rhagonycha fulva</i>				✓			
Glow-worms									
	Glow-worm	<i>Lampyris noctiluca</i>					✓		
Ladybirds									
	2-spot Ladybird	<i>Adalia bipunctata</i>		✓					
	7-spot Ladybird	<i>Coccinella 7-punctata</i>					✓		
	Cream-spot Ladybird	<i>Calvia 14-guttata</i>					✓		
Longhorn Beetles									
	(black/4 yellow bands)	<i>Strangalia quadrifasciata</i>				✓			
	(metallic/red head)	<i>Gaurates virginea</i>			✓				
Leaf Beetles									
	(orange/4 black spots)	<i>Clytra 4-punctata</i>	✓						
	(bronzy blue)	<i>Chrysolina geminata</i>					✓		
	(brilliant green)	<i>Chrysolina menthastri</i>		✓					
	(green-gold sheen)	<i>Cryptocephalus sericeus</i>						✓	
Weevils									
	(black, shiny, plump)	<i>Liparus glabrirostris</i>			✓				

	Common name	Scientific name	June/July							
			26	27	28	29	30	1	2	
Other Beetles										
	(green/red) Malachite beetle	<i>Malachius bipustulatus</i>							✓	
Spiders										
	Crab Spider	<i>Misumena vatia</i>					✓		✓	
Other Taxa										
	Roman Snail	<i>Helix pomatia</i>	✓	✓			✓		✓	✓
	Brown-lipped (Banded) Snail	<i>Cepaea nemoralis</i>				✓				
	Millipede	<i>Tachypodoiulus niger</i>								✓

Mammals

	Common name	Scientific name	June/July								
			25	26	27	28	29	30	1	2	
1	Alpine Marmot	<i>Marmota marmota</i>			1	4			7	3	
2	Red Squirrel	<i>Sciurus vulgaris</i>		1							
3	Red Fox	<i>Vulpes vulpes</i>	1		1		1			1	
4	European Roe Deer	<i>Capreolus capreolus</i>	5			1					3
5	Alpine Chamois	<i>Rupicapra rupicapra</i>			4						
6	Mouflon	<i>Ovis gmelinii</i>			5						
7	Noctule Bat	<i>Nyctalus noctula</i>							✓		
8	Serotine Bat	<i>Eptesicus serotinus</i>							✓		
9	Mole Hills										✓

Reptiles & amphibians

1	Common Frog	<i>Rana temporaria</i>						1			
2	Agile Frog	<i>Rana dalmatina</i>							1		
3	Frog sp.							1			
4	Tadpoles								✓	✓	
5	Common Wall Lizard	<i>Podarcis muralis</i>		6							
6	Common Lizard	<i>Zootoca vivipara</i>			1						

	Common name	Scientific name	June/July							
			25	26	27	28	29	30	1	2

Grasshoppers and Crickets

1	Great Green Bush-cricket	<i>Tettigania viridissima</i>					✓			
2	Alpine Dark Bush-cricket	<i>Pholidoptera aptera</i>				✓				
3	Dark Bush-cricket	<i>Pholidoptera griseoptera</i>					✓			
4	Wart-biter	<i>Decticus verrucivorus</i>				✓		✓		
5	Small Gold Grasshopper	<i>Chrysochraon brachypterus</i>					✓			
6	Field Cricket	<i>Gryllus campestris</i>		H			✓			

Plants

Scientific name	Common name	Location first seen
PTERIDOPHYTES		
FERNS & ALLIES		
Aspleniaceae	Spleenwort family	
<i>Asplenium ruta-muraria</i>	Wall Rue	Sella Pass
<i>Asplenium viride</i>	Green Spleenwort	Sella Pass
Dennstaedtiaceae	Bracken Family	
<i>Pteridium aquilinum</i>	Bracken	Eggental
Dryopteridaceae	Buckler-fern Family	
<i>Polystichum lonchitis</i>	Holly-fern	Sella Pass
Ophioglossaceae	Adder's-tongue Family	
<i>Botrychium lunaria</i>	Moonwort	Val di Monzoni
PINOPSIDA		
CONIFERS		
Cupressaceae	Juniper Family	
<i>Juniperus communis</i>	Common Juniper	Tamion
<i>Juniperus communis var. saxatilis</i>	Dwarf Juniper	Rosengarten

Scientific name	Common name	Location first seen
Pinaceae	Pine Family	
<i>Larix decidua</i>	European Larch	Tamion
<i>Picea abies subsp. abies</i>	Spruce	Tamion
<i>Pinus cembra</i>	Arolla Pine	Rosengarten
<i>Pinus mugo</i>	Dwarf Mountain Pine	Rosengarten
<i>Pinus nigra subsp. nigra</i>	Austrian or Black Pine	Tamion
<i>Pinus sylvestris</i>	Scots Pine	Tamion

MAGNOLIOPSIDA**FLOWERING PLANTS****Magnoliidae**

Apiaceae	Carrot Family	
<i>Anthriscus sylvestris</i>	Cow Parsley	Tamion
<i>Chaerophyllum hirsutum</i>	Hairy Chervil	Paneveggio Natural Park
<i>Daucus carota</i>	Wild Carrot	Predazzo
<i>Heracleum sphondylium</i>	Hogweed	Canazei
<i>Laserpitium latifolium</i>	Broad-leaved Sermountain	Tamion (leaves)
<i>Ligusticum mutellina</i>	Alpine Lovage	Rosengarten
<i>Peucedanum verticillare</i>	Giant Hog's Fennel	Eggental
<i>Pimpinella major</i>	Greater Burnet-saxifrage	Rosengarten
Asclepiadaceae	Milkweed Family	
<i>Vincetoxicum hirundinaria</i>	Swallow-wort	Eggental
Asteraceae	Daisy Family	
<i>Achillea clavennae</i>	Silvery Milfoil	Sella Pass
<i>Achillea millefolium</i>	Yarrow	Tamion
<i>Antennaria dioica</i>	Cat's-foot	Tamion
<i>Arnica montana</i>	Arnica	Tamion
<i>Aster alpinus</i>	Alpine Aster	Tamion
<i>Aster bellidiastrum</i>	False Aster	Tamion
<i>Buphthalmum salicifolium</i>	Yellow Ox-eye	Tamion
<i>Carlina acaulis</i>	Stemless Carlina Thistle	Val di Monzoni
<i>Centaurea nervosa</i>	Plume Knapweed	San Pellegrino Pass

Scientific name	Common name	Location first seen
<i>Cirsium erisithales</i>	Yellow Melancholy Thistle	Tamion
<i>Cirsium montanum</i>	Mountain Thistle	Eggental
<i>Cirsium spinosissimum</i>	Spiniest Thistle	Rosengarten
<i>Crepis aurea</i>	Golden Hawk's-beard	Rosengarten
<i>Homogyne alpina</i>	Alpine Colt's-foot	Val di Monzoni
<i>Leontopodium alpinum</i>	Edelweiss	Sella Pass
<i>Leucanthemum vulgare</i>	Ox-eye daisy	Tamion
<i>Taraxacum agg</i>	Dandelion	Tamion
<i>Tephrosieris longifolia</i> (<i>S. ovirensis</i>)	Southern Ragwort	Paneveggio Natural Park
Berberidaceae	Barberry Family	
<i>Berberis vulgaris</i>	Barberry	Tamion
Betulaceae	Birch Family	
<i>Alnus viridis</i>	Green Alder	San Pellegrino Pass
Boraginaceae	Forget-me-not Family	
<i>Echium vulgare</i>	Viper's-bugloss	Predazzo
<i>Myosotis alpestris</i>	Alpine Wood Forget-me-not	Rosengarten
<i>Pulmonaria australis</i>	A Lungwort	Sella Pass
Brassicaceae	Cabbage Family	
<i>Biscutella laevigata</i>	Buckler Mustard	Val di Monzoni
Campanulaceae	Bellflower Family	
<i>Campanula barbata</i>	Bearded Bellflower	Tamion
<i>Campanula glomerata</i>	Clustered Bellflower	Tamion
<i>Campanula patula</i>	Spreading Bellflower	Eggental
<i>Campanula scheuchzeri</i>	A Harebell	Tamion
<i>Campanula spicata</i>	Spiked Bellflower	Predazzo
<i>Phyteuma orbiculare</i>	Round-headed Rampion	Val di Monzoni
<i>Phyteuma ovatum</i>	Dark Rampion	Costalunga Pass
<i>Phyteuma sieberi</i>	a Rampion	Sella Pass

Scientific name	Common name	Location first seen
Caprifoliaceae		
<i>Lonicera caerulea</i>	Blue-berried Honeysuckle	Rosengarten
<i>Sambucus racemosa</i>	Red-berried Elderberry	Eggental
Caryophyllaceae		
<i>Arenaria ciliata</i>	Ciliate Sandwort	Sella Pass
<i>Dianthus sylvestris</i>	Wood Pink	Predazzo
<i>Lychnis flos-cuculi</i>	Ragged Robin	Canazei
<i>Minuartia sedoides</i>	Mossy Cyphel	Sella Pass
<i>Minuartia verna</i>	Spring Sandwort	Rosengarten
<i>Moehringia ciliata</i>	Creeping Sandwort	Rosengarten
<i>Saponaria ocymoides</i>	Rock Soapwort	Val di Monzoni
<i>Silene acaulis</i>	Moss Champion	Rosengarten
<i>Silene dioica</i>	Red Champion	Tamion
<i>Silene nutans</i>	Nottingham Catchfly	Tamion
<i>Silene vulgaris</i>	Bladder Champion	Tamion
Chenopodiaceae		
<i>Chenopodium bonus-henricus</i>	Good King Henry	Sella Pass
Cistaceae		
<i>Helianthemum nummularium</i>	Rock-rose	Rosengarten
<i>Helianthemum oelandicum subsp. incanum</i>	Hoary Rockrose	Rosengarten
Crassulaceae		
<i>Sedum acre</i>	Biting Stonecrop	Predazzo
<i>Sedum album</i>	White Stonecrop	Predazzo
<i>Sedum atratum subsp. carinthiacum</i>	Dark Stonecrop (pale form)	Sella Pass
Dipsacaceae		
<i>Knautia arvensis</i>	Field Scabious	Tamion
<i>Knautia dipsacifolia</i>	Wood Scabious	Tamion

Scientific name	Common name	Location first seen
Ericaceae		
<i>Arctostaphylos uva-ursi</i>	Bearberry	Rosengarten
<i>Erica carnea</i>	Spring Heath	Tamion
<i>Kalmia procumbens</i>	Trailing Azalea	Sella Pass
<i>Rhododendron ferrugineum</i>	Alpenrose	Rosengarten
<i>Rhododendron hirsutum</i>	Hairy Alpenrose	Rosengarten
<i>Vaccinium myrtillus</i>	Bilberry	Val di Monzoni
<i>Vaccinium vitis-idaea</i>	Cowberry	Rosengarten
Fabaceae		
<i>Anthyllis vulneraria agg</i>	Kidney Vetch	Tamion
<i>Astragalus alpinus</i>	Alpine Milk-vetch	Val di Monzoni
<i>Hedysarum hedysaroides subsp. exaltatum</i>	Alpine Sainfoin	Sella Pass
<i>Hippocrepis comosa</i>	Horseshoe Vetch	Tamion
<i>Lotus corniculatus</i>	Bird's-foot Trefoil	Tamion
<i>Onobrychis montana</i>	Mountain Sainfoin	Tamion
<i>Oxytropis campestris</i>	Yellow Milk-vetch	Sella Pass
<i>Oxytropis jacquinii</i>	Mountain Milk-vetch	San Pellegrino Pass
<i>Securigera varia</i>	Crown Vetch	Eggental
<i>Trifolium alpinum</i>	Alpine Clover	Sella Pass
<i>Trifolium badum</i>	Brown Clover	San Pellegrino Pass
<i>Trifolium montanum</i>	Mountain Clover	Tamion
<i>Trifolium pratense subsp. pratense</i>	Red Clover	Tamion
<i>Trifolium repens</i>	White Clover	Eggental
Gentianaceae		
<i>Gentiana acaulis</i>	Trumpet Gentian	Val di Monzoni
<i>Gentiana clusii</i>	Clusius's Gentian	Rosengarten
<i>Gentiana punctata</i>	Spotted Gentian	Sella Pass
<i>Gentiana verna</i>	Spring Gentian	Val di Monzoni
<i>Gentianella germanica</i>	Chiltern or German Gentian	Tamion
Geraniaceae		
<i>Geranium pratense</i>	Meadow Crane's-bill	Canazei

Scientific name	Common name	Location first seen
<i>Geranium sylvaticum</i>	Wood Crane's-bill	Tamion
Globulariaceae <i>Globularia cordifolia</i>	Globularia Family Matted Globularia	San Pellegrino Pass
Hypericaceae <i>Hypericum perforatum</i>	St. John's-wort Family Perforate St. John's-wort	Eggental
Lamiaceae <i>Ajuga pyramidalis</i> <i>Horminum pyrenaicum</i> <i>Salvia pratensis</i> <i>Stachys alopecuroides</i> <i>Thymus polytrichus</i>	Dead-nettle Family Pyramidal Bugle Dragonmouth Meadow Clary Yellow Betony Wild Thyme	Val di Monzoni Tamion Tamion San Pellegrino Pass Tamion
Lentibulariaceae <i>Pinguicula alpina</i> <i>Pinguicula vulgaris</i>	Bladderwort Family Alpine Butterwort Butterwort	Rosengarten Tamion
Onagraceae <i>Chamerion angustifolium</i> <i>Epilobium dodonaei</i>	Willowherb Family Rosebay Willowherb an Alpine Willowherb	Canazei Bellunesi National Park
Oleaceae <i>Ligustrum vulgare</i>	Olive Family Privet	Predazzo
Orobanchaceae <i>Bartsia alpina</i> <i>Melampyrum sylvaticum</i> <i>Orobanche elatior</i> <i>Orobanche gracilis</i> <i>Pedicularis ascendens</i> <i>Pedicularis rostratocapitata</i> <i>Pedicularis verticillata</i>	Broomrape Family Alpine Bartsia Wood Cow-wheat Knapweed Broomrape Slender Broomrape Ascending Lousewort Beaked Lousewort Verticillate Lousewort	Rosengarten Val di Monzoni Tamion Tamion Tamion Sella Pass Rosengarten

Scientific name	Common name	Location first seen
<i>Rhinanthus minor</i> agg.	Hay Rattle	Tamion
Oxalidaceae <i>Oxalis acetosella</i>	Oxalis Family Wood Sorrel	Rosengarten
Papaveraceae <i>Papaver aurantiacum</i> (<i>P. rhaeticum</i>)	Poppy Family Rhaetian Poppy	Paneveggio Natural Park
Plantaginaceae <i>Plantago lanceolata</i> <i>Plantago major</i> <i>Plantago media</i>	Plantain Family Ribwort Plantain Greater Plantain Hoary Plantain	Eggental Eggental Tamion
Plumbaginaceae <i>Armeria maritima</i> subsp. <i>alpina</i>	Thrift Family Mountain Thrift	Sella Pass
Polygalaceae <i>Polygala alpestris</i> <i>Polygala chamaebuxus</i>	Milkwort Family Mountain Milkwort Shrubby Milkwort	Val di Monzoni Val di Monzoni
Polygonaceae <i>Persicaria vivipara</i> <i>Rumex acetosa</i> <i>Rumex alpinus</i>	Knotweed Family Alpine Bistort Sorrel Monk's Rhubarb	Sella Pass Tamion Rosengarten
Polemoniaceae <i>Polemonium caeruleum</i>	Jacob's Ladder Family Jacob's Ladder	Canazei
Primulaceae <i>Primula auricula</i> <i>Primula elatior</i> <i>Primula farinosa</i> <i>Primula halleri</i> <i>Primula veris</i>	Primrose Family Bear's-ear Primrose Oxlip Bird's-eye Primrose Long-flowered Primrose Cowslip	Sella Pass Sella Pass Tamion Sella Pass Rosengarten

Scientific name	Common name	Location first seen
<i>Soldanella alpina</i>	Alpine Snowbell	Sella Pass
<i>Soldanella pusilla</i>	Dwarf Snowbell	Sella Pass
Pyrolaceae	Wintergreen Family	
<i>Moneses uniflora</i>	One-flowered Wintergreen	Rosengarten
<i>Pyrola rotundifolia</i>	Round-leaved Wintergreen	Canazei
Ranunculaceae	Buttercup Family	
<i>Aconitum lycoctonum</i> subsp. <i>vulparia</i>	Wolf's-bane	Sella Pass (leaves)
<i>Aquilegia atrata</i>	Dark Columbine	Tamion
<i>Caltha palustris</i>	Marsh Marigold	Sella Pass
<i>Clematis alpina</i>	Alpine Clematis	Tamion
<i>Pulsatilla alpina</i> subsp. <i>apiifolia</i>	Yellow Alpine Pasque Flower	Sella Pass
<i>Pulsatilla vernalis</i>	Spring Pasque Flower	Sella Pass
<i>Ranunculus acris</i>	Meadow Buttercup	Tamion
<i>Ranunculus bulbosus</i>	Bulbous Buttercup	Tamion
<i>Ranunculus keuperi</i>	A white Buttercup	Sella Pass
<i>Trollius europaeus</i>	Globeflower	Tamion
Rosaceae	Rose Family	
<i>Alchemilla alpina</i>	Alpine Lady's-mantle	Sella Pass
<i>Alchemilla glabra</i>	Smooth Lady's-mantle	Val di Monzoni
<i>Aruncus dioicus</i>	Goat's-beard Spirea	Eggental
<i>Dryas octopetala</i>	Mountain Avens	Rosengarten
<i>Fragaria vesca</i>	Wild Strawberry	Val di Monzoni
<i>Geum rivale</i>	Water Avens	Tamion
<i>Potentilla aurea</i>	Golden Cinquefoil	Val di Monzoni
<i>Potentilla erecta</i>	Tormentil	Tamion
<i>Potentilla nitida</i>	Pink Cinquefoil	Sella Pass (leaves)
<i>Rosa pendulina</i>	Alpine Rose	Tamion
<i>Rubus fruticosus</i> agg.	Bramble	Eggental
<i>Rubus idaeus</i>	Raspberry	Canazei
<i>Rubus saxatilis</i>	Stone Bramble	Val di Monzoni

Scientific name	Common name	Location first seen
Salicaceae	Willow Family	
<i>Populus tremula</i>	Aspen	Eggental
<i>Salix breviserrata</i>	Finely-toothed Willow	Sella Pass
<i>Salix caprea</i>	Goat Willow	Eggental
<i>Salix herbacea</i>	Least Willow	Sella Pass
<i>Salix reticulata</i>	Net-leaved Willow	Sella Pass
Saxifragaceae	Saxifrage Family	
<i>Chrysosplenium alternifolium</i>	Alternate-leaved Golden Saxifrage	Rosengarten
<i>Saxifraga aizoides</i>	Yellow Mountain Saxifrage	Paneveggio Natural Park (lvs)
<i>Saxifraga androsacea</i>	Scree Saxifrage	Rosengarten
<i>Saxifraga caesia</i>	Blue Saxifrage	Rosengarten (in bud)
<i>Saxifraga exarata subsp. moschata</i>	White Musky Saxifrage	Sella Pass
<i>Saxifraga paniculata</i>	Live-long Saxifrage	Sella Pass
<i>Saxifraga rotundifolia</i>	Round-leaved Saxifrage	Rosengarten
Scrophulariaceae	Figwort Family	
<i>Digitalis lutea</i>	Small Yellow Foxglove	Eggental
<i>Linaria alpina</i>	Alpine Toadflax	Bellunesi National Park
<i>Scrophularia canina subsp. hoppii</i>	Alpine Figwort	Rosengarten
Thymelaeaceae	Daphne Family	
<i>Daphne mezereum</i>	Mezereon	Rosengarten (in fruit)
<i>Daphne striata</i>	a Daphne	Rosengarten
Urticaceae	Nettle Family	
<i>Urtica dioica</i>	Common Nettle	Tamion
Valerianaceae	Valerian Family	
<i>Valeriana montana</i>	Mountain Valerian	Val di Monzoni
<i>Valeriana officinalis</i>	Common Valerian	Eggental
<i>Valeriana tripteris</i>	Three-leaved Valerian	Rosengarten

Scientific name	Common name	Location first seen
Veronicaceae		
<i>Veronica (Paederota) bonarota</i>	Speedwell Family Bluish Paederota	Rosengarten
<i>Veronica chamaedrys</i>	Germander Speedwell	Tamion
<i>Veronica fruticans</i>	Rock Speedwell	Rosengarten
<i>Veronica fruticulosa</i>	a pink Speedwell	Predazzo
Violaceae		
<i>Viola biflora</i>	Violet Family Yellow Wood Violet	Val di Monzoni
Liliidae (Monocotyledons)		
Alliaceae		
<i>Allium schoenoprasum</i>	Onion Family Chives	Costalunga Pass
Asparagaceae		
<i>Maianthemum bifolium</i>	Asparagus Family May Lily	Val di Monzoni
<i>Paradisea liliastrum</i>	St. Bruno's Lily	Tamion
<i>Polygonatum verticillatum</i>	Whorled Solomon's Seal	San Pellegrino Pass
Colchicaceae		
<i>Colchicum autumnale</i>	Meadow Saffron Family Autumn Crocus	Tamion (leaves)
Cyperaceae		
<i>Eriophorum angustifolium</i>	Sedge Family Common Cotton-grass	Sella Pass
<i>Schoenus nigricans</i>	Black Bog-rush	Sella Pass
Liliaceae		
<i>Lillium bulbiferum subsp. bulbiferum</i>	Lily Family Orange Lily	Tamion
<i>Lillium martagon</i>	Martagon Lily	San Pellegrino Pass (in bud)
Melanthiaceae		
<i>Paris quadrifolia</i>	Herb-paris Family Herb Paris	Val di Monzoni
<i>Veratrum album subsp. lobeliana</i>	Green False Helleborine	San Pellegrino Pass

Scientific name	Common name	Location first seen
Orchidaceae	Orchid Family	
<i>Coeloglossum viride</i>	Frog Orchid	Val di Monzoni
<i>Corallorhiza trifida</i>	Coralroot Orchid	Tamion
<i>Cypripedium calceolus</i>	Lady's Slipper Orchid	Tamion
<i>Dactylorhiza alpestris</i>	Alpine Broad-leaved Marsh Orchid	Val di Monzoni
<i>Dactylorhiza fuchsii</i>	Common Spotted Orchid	Tamion
<i>Dactylorhiza majalis</i>	Broad-leaved Marsh Orchid	Paneveggio Natural Park
<i>Dactylorhiza x sooi (D. alpestris x fuchsii)</i>	a Hybrid Orchid	Costalunga Pass
<i>Epipactis atrorubens</i>	Dark Red Helleborine	Tamion
<i>Gymnadenia albida</i>	Small White Orchid	Rosengarten
<i>Gymnadenia austriaca</i>	Austrian Vanilla Orchid	Val di Monzoni
<i>Gymnadenia conopsea</i> agg.	Fragrant Orchid	Tamion
<i>Gymnadenia rhellicani</i>	Dark Vanilla Orchid	Sella Pass
<i>Gymnadenia rubra</i>	Red Vanilla Orchid	Val di Monzoni
<i>Neotinea (Orchis) ustulata</i>	Burnt Orchid	Paneveggio Natural Park
<i>Neottia nidus-avis</i>	Bird's-nest Orchid	Tamion
<i>Neottia ovata</i>	Twayblade	Rosengarten
<i>Ophrys insectifera</i>	Fly Orchid	Tamion
<i>Orchis militaris</i>	Military Orchid	Tamion
<i>Orchis ovalis</i>	An Early Purple Orchid	Sella Pass
<i>Platanthera bifolia</i>	Lesser Butterfly Orchid	Tamion
<i>Traunsteinera globosa</i>	Round-headed Orchid	Tamion
Poaceae	Grass Family	
<i>Poa alpina</i> var. <i>vivipara</i>	Viviparous Alpine Meadow-grass	Rosengarten
Tofieldiaceae	Scottish Asphodel Family	
<i>Tofieldia calyculata</i>	Tofield's Asphodel	Tamion

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