

Butterflies of the Italian Dolomites

Naturetrek Tour Report

8 -15 July 2012



Mountain Clouded Yellow



Meadow at Gardeccia



2012 Naturetrek Group at Val Venegia



Titania's Fritillary

Report and images compiled by Alan Miller



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Day 1

Sunday 8th July

Venice Airport to Tamion via the Agordo Gorge

Weather: Fine, sunny and hot with a little high cloud over the mountains. 32 degrees at Venice Airport, 28 degrees at Tamion

Alan was in Venice having just said goodbye to another Dolomites Butterfly tour group who were returning to the UK. Judy and Margaret had been spending a couple of days in Venice and joined Alan at the airport to await the arrival of Wendy who was travelling on the morning British Airways flight from London Gatwick airport. After we had all met up and as we walked to the parking area we identified our first butterfly, an Eastern Bath White. By 11.45am everyone was on board the minibus for the journey to the Dolomites. Our route took us north along the A27 Autostrada. We saw a few birds including Little Egret on a braided riverbed, and Swallows, Swifts and Wood Pigeons before leaving the motorway at Ponte Nelle Alpi. We then drove through Belluno and into the National Park of the Bellunesi Dolomites.

At 1pm we stopped at Candaten Picnic area near Peron and had a light picnic before checking a track and nearby riverbed. Along the track we were delighted with several White Admirals. We also saw Pearly Heath, Large Chequered Skipper and Brimstone butterflies, together with Clouded Border and Nine Spotted moths. When we reached the river bed there was a lot of buddleia in flower where we added High Brown Fritillary, and a Grey Heron flew overhead.

At 3pm hot but happy we continued our journey. Our route took us through Agordo and over the San Pellegrino Pass at 1919 metres before dropping into the Fassa Valley and the delightful hamlet of Tamion near Vigo di Fassa. We were greeted at the family-run Hotel Gran Mugon by Katia and then settled into our new surroundings. At 6.45pm after meeting Genio, the head of the family, in the bar we moved to the terrace where Alan talked over the prospects for the coming week and everyone gave their hopes for our time in the Dolomites. The main theme from the Group was to enjoy everything but to take time with butterflies to understand their identification features. At 7.30pm we moved to the dining room and enjoyed our first evening dinner which was a traditional Ladin meal. Later we met Stephano.

Day 2

Monday 9th July

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

Weather: Fine, warm and sunny with a high of 24 degrees. Late afternoon cloud developed with thunder over some of the mountains. Evening rain

The moth trap had been set overnight and Alan was there from 6.30am identifying the catch. He was joined later by Wendy.

Lots of moths had been attracted to the light. The lower hotel wall was covered in moths and the trap well stocked. The main prize was a Pine Hawk-moth which had eluded the Group the week before. Other moths included Beautiful Golden Y, Gold Spangle and Spectacle. Over 50 species were identified before adjourning to breakfast.

Before departing for a walk at 9am Alan showed some of the more colourful and interesting moths to the Group before they were all released and we set off to explore the meadows above Tamion. With the sun shining many butterflies were in flight and we took our time to study them carefully. We looked at the difference in under-antennae colour separating Essex and Small Skippers, the patterns of many Blues, and started to get to grips with Fritillaries. Dark Green Fritillary and Titania's Fritillary were in abundance and the commonest Blue was Mazarine Blue. Other sightings included Red Deer, Fox, Common Wall Lizard, Tree Pipit and Bonelli's Warbler whilst Nutcracker was heard.

All too soon it was time to return to the hotel for a comfort break before boarding our minibus and travelling the short distance across the valley to Val di Monzoni where we enjoyed a picnic in a picturesque meadow. Once we had eaten we explored the meadow and it wasn't long before we were studying Blues again. We found the Alps subspecies of Silver-studded Blue with the thick black border to the male upperside, and also male Idas Blue where we used a magnifying glass to check the absence of a spine on the foreleg. We were also delighted by a Crested Tit. We discovered a herd of cows on the lower part of the meadow and were intrigued as they surrounded a barbeque, only to be herded away by boys on motor bikes. At 3.30pm dark clouds massed overhead and there were a few spits of rain so we adjourned to Bar Ristorante Malga Crocifisso for ice-creams.

As we drove back across the valley toward Tamion the sky was lighter so we stopped at a meadow and Alan collected several moths and butterflies for the group to test their new-found knowledge. Also Judy found a Fritillary which was photographed and later identified as Nickerl's Fritillary.

After dinner we had planned to do our daily log then go for an evening walk. As we completed our checklists we noticed the sky darken and there were flashes of lightning and rolls of thunder. We checked outside and as it was starting to rain we abandoned the walk in favour of an early night.

Day 3

Tuesday 10th July

Gardeccia and the Rosengarten

Weather: Fine, cool and cloudy morning. Rain from 10am to noon then bright afternoon with sunny spells. High of 17 degrees at altitude

As we had not used the moth trap overnight Alan and Judy went for a pre-breakfast bird walk. Although birding was quiet we did see a Short-toed Treecreeper.

After breakfast we drove into Vigo di Fassa, called at the mini-market for our picnic makings, and then caught the cablecar which took us to Ciampedie. By 9.35am we were 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 where we found our first target butterfly, a very fresh Alpine Blue.

We had just set out along the Rosengarted path when we felt the first drops of rain. The skies were darkening, so we donned waterproofs which was a good decision, as it rained, sometimes persistently, for a couple of hours. When we reached a wide ski meadow the rain had eased to a drizzle so we set off to explore. A Deer was disturbed and a Ring Ouzel flew across, but no butterflies were seen. We decided to continue towards Gardeccia. Although getting wet we all agreed that the mountain scenery and the atmosphere were superb.

As we neared Gardeccia the rain got heavier so we headed straight to Bar Ristorante Baita Enrosadire for hot coffee. We lingered over our drinks and by midday the rain stopped and we could see a watery sun overhead. At noon we set off to explore the meadows at Gardeccia and were delighted with views of Nutcracker and two new butterflies, Blind Ringlet and Shepherd's Fritillary. We had our picnic in the meadow watching Bullfinch and Black Redstart before setting off for the return walk. The weather was much better when we reached the wide ski meadow we had stopped at earlier so we decided to give it a second examination. This time we came up trumps with Alpine Grizzled Skipper and Mountain Alcon Blue. We also saw Crossbills in the pine trees and found a Green Mountain Grasshopper. We continued along the return track and found a Ringlet which turned out to be a Large Ringlet of the ocellaris form local to SE Austria and the Dolomites.

Back at the Cablecar station we all agreed it had been a wonderful day in the mountains despite the weather. We caught the 4.45pm cable car down to Vigo Di Fassa and were back at our hotel just after 5pm. After another delicious dinner we completed our daily log of sightings then, as the evening was clear and still, we went for a walk finding three Glow-worms trying to attract mates by displaying their green bioluminescence.

Day 4

Wednesday 11th July

Panvecchio National Park

Weather: Fine and sunny start. Cloud developing mid-morning. Localised rain by 4pm. Evening thunderstorm. High of 19 degrees at Predezzo, 13 degrees in Val Venegia

Today there were plenty of moths in and around the trap and Wendy and Alan spent a pleasant hour before breakfast identifying them. Additions to our list included Saxon, Purple Bar and the European Noctuid *Xestia viridescens* which was in very fresh condition.

After breakfast some of the more interesting moths were again shown to the rest of the group before they were released and then we headed off for another day in the Dolomites. Our journey to the Panvecchio National Park took us through Predezzo and we stopped on the outskirts next to some scrubby land and were treated to views of several new butterflies including Apollo, a target species for some, and Black-veined White. Also a Honey Buzzard drifted overhead, our first raptor of the trip.

Back on the road we drove to the National Park Visitor Centre to check the surrounding meadow. We found the Helice female form of Clouded Yellow and in the grass were several Wart-biters and a Silver Y moth. As we returned to our minibus we found a superb fresh Scarce Copper on a flower next to the vehicle.

At 12.30 we drove to Val Venegia and enjoyed our picnic in a sheltered glade where we were joined by a Blue Hawker Dragonfly. After lunch we set off on foot to explore the valley. There were lots of fritillaries on the wing, mainly Mountain but also Shepherd's and Dark Green. We also found several Common Brassy Ringlets.

We stopped by the stream to admire a superb stand of Rhaetian Poppies. As we progressed the trackside meadow was alive with butterflies and at one point the group sat on the ground to enjoy the experience of being surrounded by butterflies on the wing. We pressed on and eventually reached Rifugio Malga Venegiota Di Tonadico at 1819 metres for a well deserved drink. From the terrace we enjoyed watching Alpine Chough, Ring Ouzel and Alpine Marmot.

All too soon it was time to walk back to the vehicle. The clouds began to thicken and a breeze got up. Alongside the path we found our last new sighting, a Hummingbird Hawk-moth. Our timing was perfect as we felt a spot of rain just before reaching the vehicle. As we drove out of the valley we drove back into sunshine. The return journey was uneventful and we got back to Tamion at 5.15pm. We completed our evening meeting and log around another delicious dinner but were aware that outside there was thunder, lightning and rain. We kept our fingers crossed that the skies cleared for the next day.

Day 5

Thursday 12th July

Sella Pass

Weather: Fine, clear and mostly sunny with a light breeze. Clouds developed in the afternoon. Pass high 19 degrees

After the thunder and lightning of the night before, today dawned bright, clear and sunny! We all met outside the hotel to take in the wonderful panorama and check around the hotel for birds before going in for breakfast. As it was such a good start to the day we left the hotel a little earlier than normal and after a stop to collect our picnic makings we were soon heading up 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 2244 metres. We drove over the Pass and parked above Rif. Passo Sella.

By 9.45am we were checking the trackside towards Rif. Salei Hutte. With the sun shining butterflies were on the wing in the sheltered spots. There were lots of Mazerine Blues and Alpine Heaths but we soon started seeing new butterflies including Lesser Mountain Ringlet, Yellow-spotted Ringlet and Rosy Grizzled Skipper.

We skirted around Rif. Salei Hutte looking for birds - Northern Wheatear, Linnet and Ring Ouzel were spotted. We then climbed up a meadow finding Marsh Fritillary and up to the open mountaintop pasture to head back towards our vehicle. We were distracted by the loud alarm call of Alpine Marmot and went to investigate. We saw a couple with a dog approaching two marmots that were getting agitated. As we watched a bird flew onto a nearby boulder and we were treated to excellent views of White-winged Snowfinch, a lifer for all three members of the group!!

Back at the vehicle we had our picnic lunch before heading towards the City of Rocks and a track through the boulder-strewn area. As we passed the quirky cable car where the cars looked like little boxes Margaret and Wendy decided they would like a ride on it and took the Forcella del Sassolungo up to Rif. Toni Demetz at 2685 metres. At the top they stopped for a drink and took in the splendid views where they were surrounded by very confiding Alpine Chough. Meanwhile Judy and Alan continued along the track to the viewpoint towards Gruppo Sella mountains and over to the Marmolada Glacier at 3343 metres. In a glade they found Pink Cinquefoil and Edelweiss together with Mountain Clouded Yellow butterflies.

Mid afternoon we all met up again and as Margaret and Wendy were being shown the Edelweiss another new butterfly was found, Warrens Skipper. By this time there was more cloud developing and fewer butterflies on the wing so we retreated to Rif. Passo Sella for a drink. At 4pm we set off to descend the mountain but stopped near Bar Ristorante Monti Pallidi to check the surrounding meadow as it was lower and warmer with some sun. Our best find was a very fresh Titania's Fritillary.

We then made the return journey to Tamion and got back to the hotel just before 5.30pm. We met again before dinner to discuss the day then compiled our lists after eating. As the night was overcast and dry the moth trap was set.

Day 6

Friday 13th July

Costalunga Pass and Sud Tirol

Weather: Overcast start with rumbles of thunder at 7.30am then rain, sometimes heavy till noon. Afternoon fine but cloudy with sunny intervals. High of 20 degrees

When the moth trap was inspected the prize was a superb Pine Chafer on the wall beside the trap. The wall was also covered with moths and the trap was full so it kept Alan and Wendy busy. New moths included Small Emerald, Cloaked Pug and Purple-shaded Gem. After breakfast Alan showed the rest of the group some of the more interesting finds including the Pine Chafer which entertained us by emitting it's loud stridulates as it moved. Our catch was then released and we headed off for the day, hoping that going to lower altitudes might bring us out of the rain.

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 below Ponte Nova at 880 metres and our walk took us into a disused quarry area. At the entrance we crossed the river which was in torrent with the rains but still saw an active Dipper. The rain eased to a drizzle and we found several moths including Common Heath and Common Footman, together with two new butterflies, Ringlet and Provencal Short-tailed Blue. We decided to move on and called at Cafe Easthaus Kreuz in Ponte Nova for a warm coffee. At 12.15pm as we were about to leave miraculously the sun came out so we drove to our second stopping point, this time above Ponte Nova at 980 metres. We first had our picnic lunch then set off to explore a long, thin meadow bordered on one side by a tree-lined river, and the other by mixed woodland. In the meadow and along the tree line were lots of White Admirals which were very confiding following the wet morning. We also saw a fresh Silver-washed Fritillary and a Small Copper. There were lots of insects on the flowers including Shield Bugs and Longhorn Beetles. We also had a Honey Buzzard drift overhead.

At 3pm it was time to move on and we headed back to Costalunga Pass and parked near Bar Antermont. At first it was cloudy with only Chimney Sweeper moths on the wing. We occasionally caught glimpses of the sun and when we did butterflies miraculously appeared. We examined Blind and Woodland Ringlets together with Alpine and Small Heaths and Sooty Copper. We also found an Alpine Dark Bush-cricket. Eventually we lost the sun and butterflies went to ground so we adjourned to Bar Antermont for an ice-cream. We arrived back at Tamion at 4.45pm and went to look for Common Redstart which had eluded some of our party. Dinner was again at 7.30pm and we were well into the daily routine of meeting around the meal to discuss the day and complete lists.

Day 7

Saturday 14th July

San Pellegrino Pass

Weather: Early morning mist lingering. Staying cloudy at altitude with very little sun. Lower down sunny periods in the afternoon. Morning high 16 degrees, afternoon high 22 degrees. Thunderstorm from 6.30pm

We all met outside the hotel to check for Common Redstart which was becoming an enigma species for some, and then we headed for breakfast. After breakfast we left at 8.45am intending a day in the mountains. We made our usual raid on the supermarket and reached the San Pellegrino Pass at 9.30am. Once over the pass at 1920 metres we took the Fuciada track and parked near Rif. Miralago. With the cloud cover and occasional mist swirling around the temperature was cool so we had to work hard for butterflies in the meadow behind the parking area. Our efforts paid off with nine species including a new one for the trip, Almond-eyed Ringlet. We also saw good numbers of Martagon Lilies.

At 11am we decided to walk to Val Dai Be and hope that the sun would be out later. As we passed Miralago Lake a Golden Eagle drifted overhead. On reaching the valley butterflies were staying close to the ground and we had excellent views of Mountain Clouded Yellow and Large Wall Brown on vegetation. We returned to the vehicle at noon for our picnic lunch then revisited the meadow. This time we added Geranium Argus to our butterfly list, saw Raven overhead and heard Quail.

The weather was overcast and cool so we decided that it could be more productive to move to a lower altitude. Descending from the Pass we stopped for coffee at Bar Baita Alochet before arriving at the higher of the two meadows above Tamion. Here the weather was warmer and the meadow was sheltered by trees. There were dozens of butterflies on the wing, mainly Meadow Brown and Small Heath, but we did find a new Fritillary, Pearl-bordered. Alan moved the vehicle back to the hotel whilst the group walked down the track and they met up near the lower meadow. We checked the identification of a number of butterflies before finding our last new species, a Mountain Argus.

We got back to the hotel at 5pm to start the job of sorting our belongings and packing our bags for the return journey the following day. We had our final meeting at 7pm where we talked over the week and completed on-line check-in for flights the following day. We then had another delicious dinner before completing the daily log. Last task was to settle room bills and bid farewell to Katia before retiring to finish packing.

Day 8

Sunday 15th July

Tamion to Venice Airport

Weather: Thunder, lightning and rain at Tamion, then cloudy almost to Venice airport.

We had breakfast at 6am, and whilst eating, a Square Spot moth flew over our table and landed on the wall behind us. Alan went to bring the vehicle to the front door and as he approached it our Common Redstart flew out from underneath where it had been sheltering. We packed our luggage into the vehicle then said our farewells to Stefano and departed Tamion at 6.30am. Our return route took us back over San Pellegrino Pass, past Agordo to Belluno and the A27 Autostrada south.

Initially we saw little from the vehicle due to mist and rain but once on the Autostrada we saw a Yellow-legged Gull, and a Green Woodpecker flew across the road in front of us. We had a comfort stop at the A27 Services and whilst the vehicle was refuelled Wendy found a Wood White butterfly. We then continued towards Venice, arriving at the hire car parking area just before 9.30am. We made our way to the terminal where, after calling at the Bag Drop, the group said goodbye to Alan and went through security in readiness for the return BA flight to London Gatwick airport.

A tour group is only as good as the people who form it and thanks must go to all members for making this an excellent tour. The wish of the group members was to be able to see butterflies and learn how to identify them. With only a few exceptions all the species of butterflies were 'netted' and seen well and therefore recognised again when seen subsequently. Thank you all for a most enjoyable week seeing wildlife and flowers in a beautiful environment...

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Species Lists

Butterflies (The systematic order and scientific names follow Collins Butterfly Guide (Tolman & Lewington 2009))

<u>Location</u>	<u>Elevation</u>	<u>Code</u>
Bellunesi National Park	440m	B
Tamion	1548m	T
Val di Monzoni	1526m	M
Rosengarten	1997m	R
Predazzo	1018m	Pr
Panvecchio National Park	1450m	P
Egental	880-980m	E
Costalunga Pass	1752m	C
Sella Pass	2213m	S
San Pellegrino Pass	1920m	SP
Venice Airport and A27 Services		V

	Common name	Scientific name	July									
			8	9	10	11	12	13	14	15		
		Papilionidae										
1	Apollo	<i>Parnassius apollo</i>				Pr						
		Pieridae										
2	Black-veined White	<i>Aporia crataegi</i>				Pr,P						
3	Large White	<i>Pieris brassicae</i>		M								
4	Small White	<i>Artogeia rapae</i>	B			Pr		E				
5	Southern Small White	<i>Artogeia manni</i>	B									
6	Green-veined White	<i>Artogeia napi</i>			R							
7	Eastern Bath White	<i>Pontia edusa</i>	V									
8	Mountain Clouded Yellow	<i>Colias phicomone</i>					S			SP		
9	Berger's Clouded Yellow	<i>Colias alfacariensis</i>		T		Pr						
10	Clouded Yellow	<i>Colias crocea fem.f. Helice</i>				P						
11	Brimstone	<i>Gonepteryx rhamni</i>	B									
12	Wood White	<i>Leptidea sinapis</i>	B			Pr		E			V	
		Lycaenidae										
13	Small Copper	<i>Lycaena phlaeas</i>						E				
14	Scarce Copper	<i>Lycaena virgaureae</i>				P						
15	Sooty Copper	<i>Lycaena tityrus</i>				Pr		C				
16	Provencal Short-tailed Blue	<i>Everes alcetas</i>						E				
17	Little Blue	<i>Cupido minimus</i>		T	R							
18	Mountain Alcon Blue	<i>Maculinea rebeli</i>			R							
19	Silver-studded Blue	<i>Plebejus argus</i>						E				
19a	Alps subspecies	<i>Plebejus argus aegidon</i>		M								
20	Idas Blue	<i>Plebejus idas</i>		M								
21	Geranium Argus	<i>Eumedonia eumedon</i>									SP	
22	Brown Argus	<i>Aricia agestis</i>			R						SP	
23	Mountain Argus	<i>Aricia artaxerxes</i>									T	
24	Alpine Blue	<i>Albulina orbitulus</i>			R	P	S				SP	
25	Mazarine Blue	<i>Cyaniris semiargus</i>		T,M	R	P	S				SP,T	
26	Amanda's Blue	<i>Agrodiaetus amandus</i>		T	R			E		T		
27	Chalkhill Blue	<i>Lysandra coridon</i>		T			S				SP	
28	Common Blue	<i>Polyommatus icarus</i>	B		R			E			SP	
		Nymphalidae										
29	White Admiral	<i>Limentis camilla</i>	B					E				
30	Small Tortoiseshell	<i>Aglais urticae</i>		T	R	P	S				T	

	Common name	Scientific name	July							
			8	9	10	11	12	13	14	15
31	Painted Lady	<i>Vanessa cardui</i>				P				
32	Comma Butterfly	<i>Polygonia c-album</i>		M						
33	Silver-washed Fritillary	<i>Argynnis paphia</i>						E		
34	Dark Green Fritillary	<i>Argynnis aglaja</i>		T,M		P			SP,T	
35	High Brown Fritillary	<i>Argynnis adippe</i>	B							
36	Shepherd's Fritillary	<i>Boloria pales</i>			R	P	S			
37	Mountain Fritillary	<i>Boloria napaea</i>				P	S			
38	Titania's Fritillary	<i>Clossiana titania</i>		T,M			S		SP,T	
39	Pearl-bordered Fritillary	<i>Clossiana euphrosyne</i>							T	
40	Small Pearl-bordered Fritillary	<i>Clossiana selene</i>		T						
41	Heath Fritillary	<i>Mellicta athalia</i>		T						
42	Nickerl's Fritillary	<i>Mellicta aurelia</i>		T						
43	Marsh Fritillary	<i>Euphydryas aurinia</i>					S			
		Satyrinae								
44	Marbled White	<i>Melanargia galathea</i>		T		Pr			T	
45	Arran Brown	<i>Erebia ligea</i>		T,M					T	
46	Large Ringlet	<i>Erebia euryale</i>							T	
46a	subspecies	<i>Erebia euryale ocellaris</i>			R	P				
47	Yellow-spotted Ringlet	<i>Erebia manto</i>					S			
48	Lesser Mountain Ringlet	<i>Erebia melampus</i>					S			
49	Blind Ringlet	<i>Erebia pharte</i>			R			C		
50	Woodland Ringlet	<i>Erebia medusa Hippomedusa</i>					S	C		
51	Almond-eyed Ringlet	<i>Erebia alberganus</i>							SP	
52	Common Brassy Ringlet	<i>Erebia cassiodes</i>				P	S		SP	
53	Meadow Brown	<i>Maniola jurtina</i>	B	T,M				E	T	
54	Ringlet	<i>Aphantopus hyperantus</i>						E		
55	Small Heath	<i>Coenonympha pamphilus</i>		T,M		P		C	T	
56	Pearly Heath	<i>Coenonympha arcania</i>	B							
57	Alpine Heath	<i>Coenonympha gardetta</i>		T	R		S	C	SP	
58	Speckled Wood	<i>Pararge aegeria</i>		M						
59	Large Wall Brown	<i>Lasiommata maera</i>		T		P			SP	
		Hesperiidae								
60	Warren's Grizzled Skipper	<i>Pyrgus warrensis</i>					S			
61	Olive Skipper	<i>Pyrgus serratalae</i>		T	R		S	C	SP	
62	Rosy Grizzled Skipper	<i>Pyrgus onopordi</i>					S			
63	Alpine Grizzled Skipper	<i>Pyrgus andromedae</i>			R					
64	Large Chequered Skipper	<i>Heteropterus morpheus</i>	B							
65	Essex Skipper	<i>Thymelicus lineola</i>		T,M				E	T	
66	Large Skipper	<i>Ochlodes venatus</i>		T,M				E	T	

Macro Moths (F = field; T = trap)

	Common name	Scientific name	July							
			8	9	10	11	12	13	14	15
1	Currant Shoot Borer	<i>Lampronia capitella</i>			F					
2	Apple Fruit Moth	<i>Argyresthia conjugella</i>		T						
3	Willow Ermine	<i>Yponomeuta rorella</i>				T		T		
4	Elachistidae family	<i>Hypercallia citrinalis</i>						T		
5	Crambid Grass Moth family	<i>Crambus pascuella</i>						T		
6	Crambid Grass Moth family	<i>Crambus uliginosellus</i>		T		T		T		
7	Crambid Grass Moth family	<i>Crambus lathoniellus</i>		T						
8	Crambid Grass Moth family	<i>Catoptria permutatellus</i>		T		T		T		

	Common name	Scientific name	July							
			8	9	10	11	12	13	14	15
9	Crambid Grass Moth family	<i>Catoptria pinella</i>		T,F		T		T	F	
10	Crambid family	<i>Pyrausta aerealis</i>		F		F	F	F	F	
11	Crambid family	<i>Pyrausta aurata</i>						F		
12	Crambid family	<i>Udea lutealis</i>		F						
13	Crambid family	<i>Udea decrepitalis</i>				T				
14	Crambid family	<i>Udea alpinalis</i>		F	F			F	F	
15	Crambid family	<i>Mecyna flavalis</i>						F		
16	Rush Veneer	<i>Nomophila noctuella</i>		T				T	F	
17	Pyralid	<i>Onocera semirubella</i>						F		
18	Spruce Cone Worm	<i>Dioryctria abietella</i>		T		T		T		
19	Pyralid	<i>Dioryctria schuetzeella</i>						T		
20	Pyralid	<i>Dioryctria sylvestrella</i>		T		T		T		
21	Pyralid	<i>Catastia marginea</i>			F					
22	Triangle Plume Moth	<i>Platyptilia gonodactyla</i>			F		F		F	
23	Thyme Plume Moth	<i>Merrifieldia leucodactyla</i>					F			
24	White Plume Moth	<i>Pterophorus pentadactyla</i>						F		

Micro Moths

1	Six-spot Burnet	<i>Zygaena filipendulae</i>		F		F			F	
2	Five-spot Burnet	<i>Zygaena trifolii</i>							F	
3	Narrow-bordered Five-spot Burnet	<i>Zygaena lonicerae</i>		F					F	
4	Small Emerald	<i>Hemistola chrysoprasaria</i>						T		
5	Lesser Cream Wave	<i>Scopula immutata</i>				T		T,F	F	
6	Riband Wave	<i>Idaea aversata</i>		T		T		T		
7	Silver-ground Carpet	<i>Xanthorhoe montanata</i>		T,F	F	T	F	T	F	
8	Shaded Broad-bar	<i>Scotopteryx chenopodiata</i>						T,F	F	
9	Grey Mountain Carpet	<i>Entephria caesiata</i>		F		T		T		
10	Common Marbled Carpet	<i>Chloroclysta truncata</i>		T						
11	Spruce Carpet	<i>Thera britanica</i>		T						
12	Juniper Carpet	<i>Thera juniperata juniperata</i>				T				
13	Broken-barred Carpet	<i>Electrophaes corylata</i>		T		T				
14	May Highflyer	<i>Hydriomena impluviata</i>		T						
15	Barberry Carpet	<i>Pareulype berberata</i>		T						
16	Small Rivulet	<i>Perizoma alchemillata</i>		T						
17	Grass Rivulet	<i>Perizoma albulata</i>					F			
18	Cloaked Pug	<i>Eupethecia abietaria</i>						T		
19	Freyer's Pug	<i>Eupithecia intricata</i>		T				T		
20	Purple Treble-bar	<i>Aplocera praeformata</i>				T				
21	Chimney Sweeper	<i>Odezia atrata</i>		F	F			T,F	F	
22	Clouded Border	<i>Lomaspilis marginata</i>	F	T						
23	Tawny-barred Angle	<i>Macararia liturata</i>		T		T		T		
24	Latticed Heath	<i>Chiasma clathrata clathrata</i>	F	F				F		
25	(Orange Banded)	<i>Psodos quadriferia</i>			F					
26	Willow Beauty	<i>Peribatodes rhomboidaria</i>				T				
27	Mottled Beauty	<i>Alcis repandata repandata</i>		T		T		T		
28	Square Spot	<i>Paradarisa consonaria</i>		T				T		F
29	Common Heath	<i>Ematurga atomaria</i>						F	F	
30	Common Wave	<i>Cabera exanthemata</i>		T	F					
31	Light Emerald	<i>Campaea margaritata</i>		T						
32	Barred Red (green form)	<i>Hylaea fasciara prasinaria</i>		T		T				
33	Annulet	<i>Charissa obscurata</i>				T		T	F	

	Common name	Scientific name	July								
			8	9	10	11	12	13	14	15	
34	Pine Hawkmoth	<i>Hyloicus pinastri</i>		T					T		
35	Hummingbird Hawkmoth	<i>Macroglossum stellatarum</i>				F					
36	Red-necked Footman	<i>Atolmis rubricolis</i>		T							
37	Common Footman	<i>Eilema lurideola</i>		T		T			F		
38	Clouded Buff	<i>Diacrisia sannio</i>		T							
39	Nine Spotted	<i>Amata phegea</i>	F								
40	Heart and Club	<i>Agrotis clavis</i>		T					T		
41	Heart and Dart	<i>Agrostis exclamationis</i>		T		T			T		
42	Broad-bordered Yellow Underwing	<i>Noctua fimbriata</i>		T					T		
43	True Lover's Knot	<i>Locophotia porphyrea</i>		T					T		
44	Ingrailed Clay	<i>Diarsia mendica</i>		T		T			T		
45	Unnamed Noctuid	<i>Xestia viridescens</i>				T					
46	Great Brocade	<i>Eurios occulta</i>		T		T					
47	Green Arches	<i>Anaplectoides prasina</i>		T		T			T		
48	Shears	<i>Hada plejeba</i>				T				F	
49	Bordered Gothic	<i>Heliophobus reticulata</i>		T							
50	Dot Moth	<i>Melanchnra persicariae</i>							T		
51	Broom Moth	<i>Melandra pisi</i>				T					
52	Brown-line Bright-eye	<i>Mythimna conigera</i>				T			T		
53	Common Wainscot	<i>Mythimna pallens</i>							T		
54	Dark Brocade	<i>Bepharita adusta</i>		T		T					
55	Dark/Grey Dagger agg.	<i>Acronicta sp.</i>		T							
56	Saxon	<i>Hyppa rectilinea</i>		T		T			T		
57	Reddish Light Arches	<i>Apamea subulstris</i>		T		T			T		
58	Clouded Bordered Brindle	<i>Apamea crenata</i>							T		
59	Marbled Minor agg.	<i>Oligia strigilis (Complex)</i>		T		T			T		
60	Uncertain	<i>Hoplodrina alsines</i>		T		T			T		
61	Purple-shaded Gem	<i>Euchalcia variabilis</i>							T		
62	Silver Y	<i>Autographa gamma</i>				F			T,F		
63	Beautiful Golden Y	<i>Autographa pulchrina</i>		T							
64	Gold Spangle	<i>Autographa bractea</i>		T					F		
65	Alpine Y	<i>Syngrapha devergens</i>				T					
66	Spectacle	<i>Abrostola tripartita</i>		T							
67	Burnet Companion	<i>Euclidia glyphica</i>							F		
68	Blackneck	<i>Lygephila pastinum</i>		T					T		
69	Snout	<i>Hypena proboscidalis</i>		T							
70	(Pearly White moth)	<i>Lithastege farinata</i>		T	F			F	T	F	

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

	Common name	Scientific name	July								
			8	9	10	11	12	13	14	15	
1	Common Quail	<i>Coturnix coturnix</i>								H	
2	Mallard	<i>Anas platyrhynchos</i>	2			2				12	16
3	Grey Heron	<i>Ardea cinerea</i>	1								
4	Cattle Egret	<i>Bubulcus ibis</i>									1
5	Little Egret	<i>Egretta garzetta</i>	2								
6	European Honey Buzzard	<i>Pernis apivorus</i>				1			1		
7	Eurasian Sparrowhawk	<i>Accipiter nisus</i>				1					
8	Golden Eagle	<i>Aquila chrysaetos</i>								1	
9	Common Kestrel	<i>Falco tinnunculus</i>							1		
10	Yellow-legged Gull	<i>Larus michahellis</i>									1

	Common name	Scientific name	July							14	15
			8	9	10	11	12	13			
11	(Feral) Rock Dove	<i>Columba livia</i>	6								2
12	Common Wood Pigeon	<i>Columba palumbus</i>	2								12
13	Eurasian Collared Dove	<i>Streptopelia decaocto</i>									1
14	Common Swift	<i>Apus apus</i>	2	2		6	4			20	
15	Great Spotted Woodpecker	<i>Dendrocopos major</i>		H	H						H
16	European Green Woodpecker	<i>Picus viridis</i>									1
17	Grey-headed Woodpecker	<i>Picus canus</i>		H			H				
18	Eurasian Jay	<i>Garrulus glandarius</i>							2	2	
19	Eurasian Magpie	<i>Pica pica</i>		1	2	1	3	6	4	4	
20	Spotted Nutcracker	<i>Nucifraga caryocatactes</i>		H	4	H	H			1	
21	Alpine Chough	<i>Pyrrhocorax graculus</i>				6	6				
22	Carrion Crow	<i>Corvus corone</i>	4	4	6	6	20	6	6	4	
23	Hooded Crow	<i>Corvus cornix</i>	1		1						2
24	Northern Raven	<i>Corvus corax</i>								2	
25	Willow Tit	<i>Poecile montanus</i>		1							
26	Coal Tit	<i>Parus ater</i>		2	4					H	
27	European Crested Tit	<i>Lophophanes cristatus</i>		1							
28	Great Tit	<i>Parus major</i>	1	2	2	1	4	4	4		
29	Eurasian Blue Tit	<i>Cyanistes caeruleus</i>				1		2			
30	Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
31	Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>	2	4	4	4	4	6	4		
32	Common House Martin	<i>Delichon urbicum</i>		1	4	4	20	6	8	4	
33	Common Chiffchaff	<i>Phylloscopus collybita</i>		H	H	H	H			H	
34	Western Bonelli's Warbler	<i>Phylloscopus bonelli</i>		1							
35	Eurasian Blackcap	<i>Sylvia atricapilla</i>	H	H	H	H	H	1	H	H	
36	Common Firecrest	<i>Regulus ignicapilla</i>				H					
37	Goldcrest	<i>Regulus regulus</i>		H							
38	Eurasian Wren	<i>Troglodytes troglodytes</i>			H	H	H			H	
39	Eurasian Nuthatch	<i>Sitta europaea</i>		H	H	H					
40	Short-toed Treecreeper	<i>Certhia brachydactyla</i>			1						
41	Common Starling	<i>Sturnus vulgaris</i>	2								8
42	Ring Ouzel	<i>Turdus torquatus</i>			1	1	1				
43	Common Blackbird	<i>Turdus merula</i>	1	1	2	2	2	2	3		
44	Fieldfare	<i>Turdus pilaris</i>		1		2	2				
45	Song Thrush	<i>Turdus philomelos</i>				1				2	
46	Mistle Thrush	<i>Turdus viscivorus</i>		1	1	2	2	1	4		
47	European Robin	<i>Erithacus rubecula</i>		H	H	H					
48	Black Redstart	<i>Phoenicurus ochruros</i>		1	2	2	4	2			
49	Common Redstart	<i>Phoenicurus phoenicurus</i>		1		1	1	1	1		
50	Northern Wheatear	<i>Oenanthe oenanthe</i>					2				
51	White-throated Dipper	<i>Cinclus cinclus</i>						4			
52	House Sparrow	<i>Passer domesticus</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
53	Italian House Sparrow	<i>Passer domesticus italiae</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
54	White-winged Snowfinch	<i>Montifringilla nivalis</i>					3				
55	Dunnock	<i>Prunella modularis</i>								H	
56	Grey Wagtail	<i>Motacilla cinerea</i>				4					
57	White Wagtail	<i>Motacilla alba alba</i>		1	3	3	3	2	2		
58	Tree Pipit	<i>Anthus trivialis</i>		1	H	1				2	
59	Common Chaffinch	<i>Fringilla coelebs</i>	H	2	6	6	2	2	4		
60	European Goldfinch	<i>Carduelis carduelis</i>		4	10	4	4	4	6		
61	Common Linnet	<i>Carduelis cannabina</i>					5				

	Common name	Scientific name	July							
			8	9	10	11	12	13	14	15
62	Red Crossbill	<i>Loxia curvirostra</i>		H	3					
63	Eurasian Bullfinch	<i>Pyrrhula pyrrhula</i>			2	1	H	1	H	
64	Yellowhammer	<i>Emberiza citrinella</i>						1	H	

Mammals

	Common name	Scientific name	July							
			9	10	11	12	13	14	15	
1	Alpine Marmot	<i>Marmota marmote</i>			✓	✓				
2	Red Squirrel	<i>Sciurus vulgaris</i>			✓					
3	Red Deer	<i>Cervus elaphus</i>	✓	✓						
4	Red Fox	<i>Vulpes vulpes</i>	✓							

Reptiles & amphibians

5	Agile Frog	<i>Rana dalmatina</i>							✓	
6	Common Wall Lizard	<i>Podarcis muralis</i>	✓						✓	
7	Italian Wall Lizard	<i>Podarcis sicula</i>							✓	

Grasshoppers and Crickets

8	Alpine Dark Bush-cricket	<i>Pholidoptera aptera</i>					✓			
9	Wart-biter	<i>Decticus verrucivorus</i>			✓					
10	Green Mountain Grasshopper	<i>Miramella alpina</i>		✓			✓	✓		
11	Meadow Grasshopper	<i>Chorthippus parallelus</i>			✓					
12	Long-winged Grasshopper	<i>Aiolopus thalassinus</i>					✓			

Dragonflies & Damsels

13	Blue Hawker	<i>Aeshna cyanea</i>			✓					
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Other Insects

	Common name	Scientific name	July							
			8	9	10	11	12	13	14	15
	Shield Bugs									
1	Forest Bug	<i>Pentatoma rufipes</i>							✓	
2	(black/red striped)	<i>Graphosoma italicum</i>				✓		✓		
3	Boat Bug	<i>Enoplops scapha</i>						✓		
	Ground Bugs									
4	(red/black with white spots)	<i>Lygaeus equestris</i>				✓				
	Water Bugs									
5	Common Pond Skater	<i>Gerris lacustris</i>	✓	✓		✓				
	Hover-flies									
6	(Black panel in wings)	<i>Volucella pellucens</i>		✓		✓	✓	✓	✓	
	Scorpion Flies									
7	Scorpion fly	<i>Panorpa sp.</i>	✓					✓	✓	
	Ichneumons									
8	(red)	<i>Ophion luteus</i>		✓				✓		
	Ants									
9	Wood Ant	<i>Formica rufa</i>		✓	✓	✓	✓	✓	✓	
	Bees									
10	Honey Bee	<i>Apis mellifera</i>		✓	✓	✓	✓	✓	✓	
11	White-tailed Bumblebee	<i>Bombus lucorum</i>		✓						

	Common name	Scientific name	July								
			8	9	10	11	12	13	14	15	
12	Buff-tailed Bumblebee	<i>Bombus terrestris</i>			✓					✓	
13	Red-tailed Bumblebee	<i>Bombus lapidarius</i>		✓	✓	✓				✓	
14	Common Carder Bumblebee	<i>Bombus pascuorum</i>		✓				✓	✓	✓	
	Chafers										
15	Garden Chafer	<i>Phyllopertha horticola</i>		✓					✓		
16	Bee Beetle	<i>Trichius fasciatus</i>	✓						✓		
17	Pine Chafer	<i>Polyphylla fullo</i>							✓		
	Soldier Beetles										
18	(black/red head)	<i>Cantharis rustica</i>		✓		✓					
19	Common Red Soldier Beetle	<i>Rhagonycha fulva</i>		✓					✓		
20	(violet/red hoops)	<i>Trichodes alvearius</i>				✓					
	Glow-worms										
21	Glow-worm	<i>Lampyris noctiluca</i>			✓						
	Ladybirds										
22	7-spot Ladybird	<i>Coccinella 7-punctata</i>							✓		
23	10-spot Ladybird	<i>Adalia 10-punctata</i>		✓							
24	Cream-spot Ladybird	<i>Calvia 14-guttata</i>				✓					
	Longhorn Beetles										
25	(yellow/black)	<i>Strangalia maculata</i>							✓		
	Centipedes										
26	Centipede	(class Chilopoda)							✓		

Other Taxa

27	Roman Snail	<i>Helix pomatia</i>	✓						✓	✓	
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Plants

	Common Name	Scientific Name
	Borage family	Boraginaceae
1	Viper's Bugloss	<i>Echium vulgare</i>
2	Alpine Wood Forget-me-not	<i>Myosotis alpestris</i>
	Poppy family	Papaveraceae
3	Rhaetian Poppy	<i>Papaver rhaeticum</i>
	Bellflower family	Campanulaceae
4	Bearded Bellflower	<i>Campanula barbata</i>
5	Clustered Bellflower	<i>Campanula glomerata</i>
6	Harebell	<i>Campanula rotundifolia</i>
7	Fairy's Thimble	<i>Campanula cochlearifolia</i>
8	Round-headed Rampion	<i>Phyteuma orbiculare</i>
9	Black Rampion	<i>Phyteuma nigrum</i>
	Pink family	Caryophyllaceae
10	Fringed Pink	<i>Dianthus monspessulanus</i>
11	Gypsophila	<i>Gypsophila repens</i>
12	Ragged Robin	<i>Lychnis flos-cuculi</i>
13	Nottingham Catchfly	<i>Silene nutans</i>
14	Bladder Campion	<i>Silene vulgaris</i>
15	Red Campion	<i>Silene dioica</i>

	Common Name	Scientific Name
	Rockrose family	Cistaceae
16	Common Rockrose	<i>Helianthemum nummularium</i>
	Daisy family	Compositae
17	Alpine Aster	<i>Aster alpinus</i>
18	Yellow Melancholy Thistle	<i>Cirsium erisithales</i>
19	Marsh Thistle	<i>Cirsium palustre</i>
20	Brook Thistle	<i>Cirsium rivulare</i>
21	Hemp Agrimony	<i>Eupatorium cannabinum</i>
22	Alpine Hawkweed	<i>Hieracium alpinum</i>
23	Orange Hawkweed	<i>Hieracium aurantiacum</i>
24	Edelweiss	<i>Leontopodium alpinum</i>
25	Ox-eyed Daisy	<i>Leucanthemum vulgare</i>
26	Common Ragwort	<i>Senecio jacobaea</i>
	Stonecrop family	Crassulaceae
27	White Stonecrop	<i>Sedum alba</i>
28	Rock Stonecrop	<i>Sedum reflexum</i>
	Teasel family	Dipsacaceae
29	Field Scabious	<i>Knautia arvensis</i>
	Heather family	Ericaceae
30	Hairy Alpenrose	<i>Rhododendron hirsutum</i>
	Gentian family	Gentianaceae
31	Spotted Gentian	<i>Gentiana punctata</i>
32	Snow Gentian	<i>Gentiana nivalis</i>
33	Giant Yellow Gentian	<i>Gentiana lutea</i>
34	Spring Gentian	<i>Gentiana verna</i>
	Geranium family	Geraniaceae
35	Wood Cranesbill	<i>Geranium sylvaticum</i>
	Mint family	Labiatae
36	Large Selfheal	<i>Prunella grandiflora</i>
37	Selfheal	<i>Prunella vulgaris</i>
38	Meadow Clary	<i>Salvia pratensis</i>
39	Wild Thyme	<i>Thymus polytrichis</i>
40	Yellow Archangel	<i>Lamiaeum galeobdolon</i>
	Pea family	Leguminosae
41	Kidney Vetch	<i>Anthyllis vulneraria</i>
42	Birdsfoot Trefoil	<i>Lotus corniculatus</i>
43	Common Sainfoin	<i>Onobrychis campestris</i>
44	Red Clover	<i>Trifolium pratense</i>
45	White Clover	<i>Trifolium repens</i>
46	Brown Clover	<i>Trifolium badium</i>
47	Tufted Vetch	<i>Vicia cracca</i>
	Butterwort family	Lentibulariaceae
48	Alpine Butterwort	<i>Pinguicula alpina</i>

	Common Name	Scientific Name
	Willowherb family	Onagraceae
49	Rosebay Willowherb	<i>Epilobium angustifolium</i>
	Broomrape family	Orobanchaceae
50	Slender Broomrape	<i>Orobanche gracilis</i>
51	Yellow Broomrape	<i>Orobanche flava</i>
	Dock family	Polygonaceae
52	Bistort	<i>Persicaria bistorta</i>
53	Alpine Bistort	<i>Persicaria vivipara</i>
	Primrose family	Primulaceae
54	Birdseye Primrose	<i>Primula farinosa</i>
	Wintergreen family	Pyrolaceae
55	One-flowered Wintergreen	<i>Moneses uniflora</i>
	Buttercup family	Ranunculaceae
56	Monkshood	<i>Aconitum napellus</i>
57	Wolfsbane	<i>Aconitum vulparia</i>
58	Dark Columbine	<i>Aquilegia atrata</i>
59	Alpine Clematis	<i>Clematis alpina</i>
60	Meadow Buttercup	<i>Ranunculus acris</i>
61	Globe Flower	<i>Trollius europaeus</i>
62	Alpine Pasque Flower	<i>Pulsatilla alpina</i>
	Rose family	Rosaceae
63	Alpine Lady's Mantle	<i>Alchemilla alpina</i>
64	Wild Strawberry	<i>Fragaria vesca</i>
65	Water Avens	<i>Geum rivale</i>
66	Pink Cinquefoil	<i>Potentilla nitida</i>
67	Bramble	<i>Rubus fruticosus</i>
68	Raspberry	<i>Rubus idaeus</i>
69	Alpine Rose	<i>Rosa pendulina</i>
	Bedstraw family	Rubiaceae
70	Hedge Bedstraw	<i>Galium mollugo</i>
71	Lady's Bedstraw	<i>Galium verum</i>
	Figwort family	Scrophulariaceae
72	Eyebright	<i>Euphrasia rostkoviana</i>
73	Wood Cow-wheat	<i>Melampyrum sylvaticum</i>
74	Yellow Rattle	<i>Rhinanthus minor</i>
	Nettle family	Urticaceae
75	Stinging Nettle	<i>Urtica dioica</i>
	Violet Family	Violaceae
76	Yellow Wood Violet	<i>Viola biflora</i>
	Lily family	Liliaceae
77	Orange Lily	<i>Lilium bulbiferum</i>
78	Martagon Lily	<i>Lilium martagon</i>

	Common Name	Scientific Name
79	Mountain Onion	<i>Allium montanum</i>
	Orchid family	Orchidaceae
80	Frog Orchid	<i>Coeloglossum viride</i>
81	Common Spotted Orchid	<i>Dactylorhiza fuchsii</i>
82	Broad-leaved Marsh Orchid	<i>Dactylorhiza majalis</i>
83	Alpine Broad-leaved Marsh Orchid	<i>Dactylorhiza alpestris</i>
84	Small White Orchid	<i>Gymnadenia albida</i>
85	Fragrant Orchid	<i>Gymnadenia conopsea</i>
86	Short-spurred Fragrant Orchid	<i>Gymnadenia odoratissima</i>
87	Marsh Fragrant Orchid	<i>Gymnadenia densiflora</i>
88	Austrian Vanilla Orchid	<i>Gymnadenia austriaca</i>
89	Red Vanilla Orchid	<i>Gymnadenia rubra</i>
90	Dark Vanilla Orchid	<i>Gymnadenia rhellicani</i>
91	Twayblade	<i>Neottia (Listera) ovata</i>
92	Lesser Butterfly Orchid	<i>Platanthera bifolia</i>
93	Round-headed Orchid	<i>Traunsteinera globosa</i>
94	Dark Red Helleborine	<i>Epipactis atrorubens</i>