

Butterflies of the Italian Dolomites

Naturetrek Tour Report

6 - 13 July 2011



Alpine Heath



Mountain Clouded Yellow



The 2011 Group at Val Venegia



Titania's Fritillary

Report and images compiled by Alan Miller



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Day 1

Wednesday 6th July

Venice Airport to Tamion via the Agordo Gorge

Weather: Fine with sunny periods. Heavy cloud over the mountain tops

Temperature 30 deg C at Venice, 28 at Agordo and 24 at Tamion

Hilary, Lindsay and Alan travelled to Italy from London Gatwick airport on the morning Easyjet flight to Venice. The flight left the UK nearly an hour behind schedule but with a tail wind arrived 30 minutes late, landing at Venice Marco Polo airport at 12.20pm. After clearing immigration and collecting luggage, they met up with MaryAnn who had arrived earlier on an overnight flight from Florida, U.S.A.

After completing the car-hire administration and having a sandwich lunch at the airport, we were on the road just after 2pm heading north along the A27 Autostrada. We saw a number of birds including Kestrel, Great Cormorant, Little Egret and Collared Dove before leaving the motorway at Ponte nelle Alpi. We then drove through Belluno and into the National Park of the Bellunesi Dolomites. We could see butterflies on the wing during the journey and were pleased when we reached a picnic area near Mas where we stopped. It was muggy with a hazy sun but insects were flying and our first butterfly was a Chalk-hill Blue. We checked the path through the trees to the dry riverbed and added more butterflies including Pearly Heath and Ringlet before we found our target species, a fresh Large Chequered Skipper. Also present in good numbers were Nine Spotted moths.

After a pleasant hour it was back on the road again and our route took us through Agordo and over the San Pellegrino Pass at 1919 metres before dropping into the Val di Fassa and our accommodation for the week at the family-run Hotel Gran Mugon in the delightful hamlet of Tamion near Vigo di Fassa. Opposite the hotel was a colourful bank of wild flowers containing many Common Spotted Orchids with Swallows hawking over the meadow behind. We were greeted by Katia then settled into our new surroundings before dinner. We met in the bar at 7.15pm where the group was introduced to Stefano then over dinner talked about our prospects for the coming week and got to know each other a little better. It had been an early start so after a delicious first evening meal we set the moth trap and retired with high hopes for the following morning.

Day 2

Thursday 7th July

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

Weather: Some overnight showers. Bright early morning then heavy cloud with light rain 11am to noon. Sunny periods after 2pm. Mid morning 16 deg C, Mid afternoon 20 deg C.

At 7am we assembled at the moth trap to inspect our catch. We were not disappointed as the wall of the hotel was covered in moths which took some time to photograph and identify before we opened the trap.

There were dozens of interesting moths including Pine-tree Lappet, Snout, Peach Blossom and Map-winged Swift. Time ran away and it was 8.15am before we went for breakfast. Alan made a quick visit to the supermarket for our picnic makings and then just after 9.15am we set off for a walk through the meadows and woods above Tamion. Because it was overcast with heavy cloud we had to work for sightings but we were rewarded with good numbers of Marbled White and other butterflies included Large Blue, Dusky Grizzled Skipper, Mountain Ringlet and Arran Brown. Chimney Sweeper moths were abundant. We had time to study Black Redstart and Common Redstart close together to see the plumage differences. We also saw Italian House Sparrow and Goldcrest. Floral highlights included Orange Lily and good numbers of nicely scented Fragrant Orchids.

Although it started to drizzle at 11am we continued our search for flora and fauna till midday when we turned around and headed back to the hotel. After a comfort stop we collected our vehicle and drove the short distance to the Val di Monzoni for a picnic in the meadow. After lunch we started to enjoy a few sunny intervals and the butterflies took to the wing. New sightings included Large Ringlet, Silver-studded Blue, Mountain Argus, Mazarine Blue and Large Skipper. Amongst the flora were Dark Columbine, Wolfsbane and Cluster Bellflower, and we had a brief view of a pair of Bullfinch. There were also a couple of very active fritillary butterflies which didn't want to be positively identified.

After a pleasant afternoon we made our way back towards Tamion and made a further couple of stops before arriving back at our hotel at 5pm. Before dinner we met to discuss our sightings so far, continuing the discussion after the meal. Following that Alan went to set the moth trap and then we adjourned after enjoying our first full day in this fabulous alpine area.

Day 3

Friday 8th July

Gardeccia and the Rosengarten

Weather: Thunderstorm with Lightning overnight. By dawn fine, clear and mainly sunny. Cloud developing in the afternoon. High of 20 deg C

An inspection of the moth trap at 7am revealed fewer moths, no doubt due to the overnight rain. Our haul did, however, include our first Hawkmoth, Pine Hawkmoth and other new moths including Poplar Kitten, Uncertain and Clouded Border. We finished at the trap at 7.45am and went for an early breakfast to allow us to depart at 8.30am.

First call was the supermarket to collect picnic makings and then to the Cablecar car park in Vigo di Fassa before it filled up. By 9.30am we had ascended the mountain and we were enjoying beautiful views from 1997 metres over the Fassa Valley below. Before moving off along the Rosengarten we explored the meadows around the cablecar station. Our first find was a Marsh Fritillary of the 'debilis' sub-species. Things quickly got better as we found both Alpine Heath and Alpine Blue.

Eventually we moved off to follow the track towards Gardeccia passing large stands of Alpenrose and enjoying fabulous views. We stopped to explore a ski ride covered in wild flowers where we found a Mountain Alcon Blue egg-laying on Cross Gentian *Gentiana cruciate*, the larval host plant. We arrived at Gardeccia at 1pm and found a scenic spot for our picnic.

After lunch we explored the meadows around Gardeccia and were rewarded with Shepherd's Fritillary, Blind Ringlet and Geranium Argus. We also found a Common (Viviparous) Lizard and good numbers of Black Vanilla Orchids. As we followed the path back to the cablecar the cloud cover increased but the amount of people decreased. At a quiet point we came across a Nutcracker at a water trough. As we approached it flew into a nearby tree and allowed us excellent views.

At 4.15pm we caught the cablecar down the mountain and were fortunate enough to be first into the gondola so we got the prime viewing spots. Before returning to our hotel we made a stop to see 'Turks Cap' Martagon Lily.

Day 4

Saturday 9th July

Panvecchio National Park

Weather: Fine, clear and sunny. A light breeze in the afternoon. 25 deg C

We checked the moth trap at 7am. With a warmer, cloudy night there were dozens of moths resting on the wall around the trap and many more inside. New moths included Royal Mantle, Peppered Moth, Great Brocade and Lychnis.

We left the hotel at 8.45am, again making a quick supermarket stop before heading south down the Fassa Valley. Just before Soraga we spotted a pair of Fieldfare then on the outskirts of Predazzo we spotted a large white butterfly on a flowery rocky area. We pulled up to investigate and were delighted to see Apollo butterflies. We checked the flowers and also added Nicker's Fritillary, Amanda's Blue, Small Skipper and Hummingbird Hawkmoth to our sightings.

In high spirits after some excellent new butterflies we continued into Panvecchio National Park, stopping at the Visitor's Centre. We checked the surrounding meadows and were rewarded with Dark Green Fritillary, Titania's Fritillary and Large Wall Brown.

Next stop was Val Venegia, a valley where, allegedly, all the flowers of the Dolomites can be found. We found a lovely picnic spot in a glade before continuing to the car park in order to walk up the valley towards the towering peaks of Cimon de la Pala which still had snow patches nearly down to our level. At 12.45pm we set off. The weather was perfect; sunny and warm with a light mountain breeze. The meadows beside the path were full of flowers and alive with butterflies. Shepherd's Fritillary was plentiful. Other butterflies included Titania's Fritillary, Alpine Heath, Alpine Blue, Warren's Skipper, Common Brassy Ringlet and the Dolomites sub-species of Large Ringlet – 'ocellaris'. An Italian Agile Frog was in a wet area and Common Wall Lizard was found. Song Thrush was also added to our trip list.

We reached Refugio Malga Venegiota at 1819 metres at 3.15pm and stopped for refreshments before the return leg. As we walked back down the track we saw Northern Wheatear and a number of Nutcrackers which showed well. It had taken 2.5 hours to walk to the Refugio but only 45 minutes to return to our vehicle. We returned directly to our hotel arriving at 5.30pm. We met before dinner to do lists, continuing afterwards. Alan showed his photographs which had aided some of the identifications. Following that Lindsay and Alan walked along the lane outside our hotel. Some way from the lights of the village on the roadside wall we found a female Glow-worm emitting her green bioluminescence to attract a mate.

Day 5

Sunday 10th July

Costalunga Pass and Sud Tirol

Weather: Sunny skies. Good visibility. Some light cloud over the mountain tops in the afternoon. Hot all day with high of 30 deg. C

Today we set off at 9am and headed west over the Costalunga Pass at 1752 metres and down the South Tirol towards Bolzano. Our first stop was above Ponte Nova at 980 metres. We spent the morning in a long, thin meadow bordered on one side by a tree-lined river, and the other by mixed woodland. We were soon adding to our list of butterflies Silver-washed Fritillary, Southern White Admiral, Comma and Heath Fritillary. A highlight was the 'valesina' female form of Silver-washed Fritillary. There were many insects on the meadow flora and much birdsong from the adjacent woodland. Exploring the meadow took the full morning so we stayed there for our picnic. Just before moving on we watched Dipper on the river.

Our second stop was below Ponte Nova at 880 metres and our walk took us into a disused quarry area. It was incredibly hot and butterflies were active. We added Provencal Short-tailed Blue and Meleager's Blue to the butterfly list. We also had good views of a roosting Grass Eggar moth, a superb Western Green Lizard and our first dragonfly, a Broad-bodied Chaser.

At 3pm we went back to the Costalunga Pass where the temperature was more pleasant and explored the meadows. We watched a Titania's Fritillary laying eggs on a Pine tree needle and a new butterfly was the 'subalpinus' subspecies of Sooty Copper. We then returned to the hotel arriving just after 5pm.

We had our regular meeting at 7pm to discuss the day and start doing our lists. Dinner tonight was a traditional Ladin meal (Ladin being the historical and cultural name for the people from this part of Italy) much enjoyed by the group. Afterwards we finished our lists and then Alan set the moth trap before we retired for the night.

Day 6

Monday 11th July

Sella Pass

Weather: Fine and clear with sunny skies and a very light breeze. A little high cloud over the mountain tops. Altitude high of 20 deg. C

At 7am the moth trap was inspected. Although there had been some overnight rain the morning was bright and there were plenty of moths in and around the trap. New ones included Beautiful Carpet, Silurian and Black Arches.

We left the hotel at 8.45am and after making a quick supermarket stop headed north along the Val de Fassa. At Canazei we turned west and in a few kilometres climbed over 750 metres up 23 marked Tornanti (hairpin bends) to the Sella Pass at 2244m. We parked just over the top of the Pass near Refugio Valentini and set off across the mountain side towards the imposing mass of Langkofel. The weather was perfect for altitude exploration and the mountainside was covered in alpine flowers.

We found some interesting butterflies including Blind Ringlet, Mountain Ringlet, Lesser Mountain Ringlet, Common Brassy Ringlet and Peak White. There were some different birds around and we enjoyed watching White-winged Snowfinch, Northern Wheatear and Linnet. We also saw our first mammal, an Alpine Marmot.

We arrived back at the vehicle for lunch at 1pm. After our picnic we set off to explore the track behind Refugio Passo Sella. Here it was rockier with a few smaller pine trees. We were delighted with two new butterflies, Silver-spotted Skipper and Silky Ringlet. We also added Ring Ouzel and Lesser Whitethroat to the bird list. All too soon it was time to turn around and head back to the vehicle. We left the parking area at 4.30pm, stopping at the top of the Pass to view a flock of Alpine Chough. After an exhilarating day we arrived back at Tamion at 5.30pm.

We had our usual pre-dinner 'lists' meeting at 7pm, continuing after our evening meal and before retiring for the night Alan again set the moth trap.

Day 7

Tuesday 12th July

San Pellegrino Pass

Weather: Fine, clear and sunny. Cloud developing over the mountain tops during the day.
High 25 deg. C

The day started at 7am with our last look at the moth trap. Again there were plenty of moths present including some new ones. We had become more familiar with some of the species which had been regularly seen in the trap but new additions included Setaceous Hebrew Character and a stunning Burnished Brass. It was nice that Stefano joined us for a short while to see our interest at first hand and he ended up having a Pine Hawkmoth resting on his finger.

We again departed at 8.45am and made a supermarket stop for the day's picnic before heading towards San Pellegrino. Once over San Pellegrino Pass we took the Fuciada track and parked near Refugio Miralago at 1920 metres. We could see lots of butterflies on the wing and spent the whole morning on the flower-covered hillside meadow behind the car park. We were soon adding new species of butterflies: Esher's Blue, Cranberry Blue, Almond-eyed Ringlet and Eriphyle Ringlet. In the trees around the meadow there was the constant chatter of birds and we saw Citril Finch, Serin, Siskin and Tree Pipit. We also saw Common Blue Damselfly and Alpine Marmot. We had our picnic lunch at the vehicle then set off on foot along the track past Refugio Miralago. We checked the lake and found lots more damselflies and in the water we could see hundreds of tadpoles. We stopped at the meadow at Val Dai Be and had good views of Mountain Clouded Yellow.

All too soon it was time to return along the track. We stopped at the Refugio for refreshments and discussed our week. Everyone agreed that the best butterfly sighting had been the female 'valesina' form of Silver-washed Fritillary. We arrived back at our hotel at 4.30pm in time for everyone to pack for our early morning journey back to Venice.

At 7pm we started our final evening meeting, breaking to enjoy our last dinner. When we had finished our lists the group thanked Stefano on behalf of all the staff that had made our stay at Hotel Gran Mugon so enjoyable.

Day 7

Tuesday 12th July

Tamion to Venice Airport

Weather: 16 deg. C, fine with a high light cloud layer on leaving Tamion

Hot, sunny and 29 deg. C at Venice airport

As we had to be at Venice airport by 9.40am we had an early breakfast of tea/coffee and pastries before leaving Tamion at 6.40am. Our return route took us back over San Pellegrino Pass, past Agordo to Belluno and the A27 Autostrada south. As we descended from the San Pellegrino Pass a Red Squirrel ran across the road in front of us. We had a comfort stop at the A27 Services then continued towards Venice. We had a few bird sightings from the vehicle including Little Egret, Yellow-legged Gull and lots of Swifts before arriving at the airport at 9.30am. As Alan was staying in Italy for another Naturetrek group he dropped Hilary, MaryAnn and Lindsay at departures where farewells were said - MaryAnn headed for her USA flight and Hilary and Lindsay for their return flight to the UK.

During our week we only a limited amount of time to view all the moths before breakfast so those more difficult to identify were photographed to allow later identification.

A group is only as good as the people who form it and thanks must go to all members who got on well together, sharing knowledge and expertise to enhance the overall enjoyment of the trip. Special thanks must go to Hilary for the extra effort she put in to identify and catalogue the flora seen during the week.

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Species Lists

Butterflies

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

	Common name	Scientific name	July									
			6	7	8	9	10	11	12	13		
1	Dingy Skipper	<i>Erynnis tages</i>									SP	
2	Oberthur's Grizzled Skipper	<i>Pyrgus armoricanus</i>								S	SP	
3	Large Grizzled Skipper	<i>Pyrgus alveus</i>		T							SP	
4	Warren's Grizzled Skipper	<i>Pyrgus warrensis</i>				P	C	S				
5	Olive Skipper	<i>Pyrgus serratulae</i>									SP	
6	Rosy Grizzled Skipper	<i>Pyrgus onopordi</i>			R			C				
7	Alpine Grizzled Skipper	<i>Pyrgus andromedae</i>			R			C	S			
8	Dusky Grizzled Skipper	<i>Pyrgus cacaliae</i>		T	R	P			S			
9	Large Chequered Skipper	<i>Heteropterus morpheus</i>	B									
10	Small Skipper	<i>Thymelicus sylvestris</i>				Pr	E					
11	Essex Skipper	<i>Thymelicus lineola</i>		T		Pr	E					
12	Large Skipper	<i>Ochlodes sylvanus (venatus)</i>		M		Pr	E					
13	Silver-spotted Skipper	<i>Hesperia comma</i>							S			
14	Apollo	<i>Parnassius apollo</i>				Pr						
15	Wood White	<i>Leptidea sinapis</i>		T				E				
16	Large White	<i>Pieris brassicae</i>		M		P	E					
17	Small White	<i>Pieris rapae</i>	B		R							B
18	Southern Small White	<i>Pieris mannii</i>				P						
19	Green-veined White	<i>Pieris napi</i>						E				
20	Peak White	<i>Pontia callidice</i>							S	SP		
21	Mountain Clouded Yellow	<i>Colias phicomone</i>									SP	
22	Clouded Yellow	<i>Colias crocea</i>									SP	
23	Sooty Copper	<i>Lycaena tityrus subalpinus</i>						C	S	SP		
24	Small Copper	<i>Lycaena phlaeas</i>						E		SP		
25	Provencal Short-tailed Blue	<i>Everes alcetas</i>						E				
26	Little Blue	<i>Cupido minimus</i>			R	P	E	S	SP			
27	Mountain Alcon Blue	<i>Maculinea rebeli</i>			R							
28	Large Blue	<i>Maculinea arion</i>		T	R							
29	Mazarine Blue	<i>Cyaniris semiargus</i>		M	R	P	C	S	SP			
30	Amanda's Blue	<i>Polyommatus amandus</i>				Pr						
31	Escher's Blue	<i>Polyommatus escheri</i>									SP	
32	Common Blue	<i>Polyommatus icarus</i>						E		SP		
33	Chalkhill Blue	<i>Lysandra coridon</i>	B	T						SP		
34	Meleager's Blue	<i>Meleageria daphnis</i>						E				
35	Alpine Blue	<i>Albulina orbitulus</i>			R	P						
36	Brown Argus	<i>Aricia agestis</i>		M				E				
37	Mountain Argus	<i>Aricia artaxerxes</i>		M	R					SP		
38	Geranium Argus	<i>Eumedonia eumedon</i>			R					SP		
39	Cranberry Blue	<i>Plebejus optilete</i>								SP		

	Common name	Scientific name	July									
			6	7	8	9	10	11	12	13		
40	Silver-studded Blue	<i>Plebejus argus</i>		M				E				
41	Southern White Admiral	<i>Limentis reducta</i>						E				
42	Small Tortoiseshell	<i>Aglais urticae</i>		M	R	Pr, P		E	S			
43	Comma Butterfly	<i>Polygona c-album</i>						E				
44	Heath Fritillary	<i>Mellicta athalia</i>						E				
45	Nickerl's Fritillary	<i>Mellicta aurelia</i>				Pr						
46	Marsh Fritillary	<i>Euphydryas aurinia debilis</i>			R							
47	Silver-washed Fritillary	<i>Argynnis paphia</i>						E				
	Silver-washed Fritillary	<i>Argynnis paphia valesina</i>						E				
48	Dark Green Fritillary	<i>Argynnis aglaja</i>				P	C			SP		
49	Shepherd's Fritillary	<i>Boloria pales</i>			R	P			S			
50	Mountain Fritillary	<i>Boloria napaea</i>			R				S			
51	Titania's Fritillary	<i>Boloria titania</i>		M		P	C			SP		
52	Wall Brown	<i>Lasiommata megera</i>							S	SP		
53	Large Wall Brown	<i>Lasiommata maera</i>				P						
54	Pearly Heath	<i>Coenonympha arcania</i>	B			Pr, P						
55	Alpine Heath	<i>Coenonympha gardetta</i>			R	P	C	S	SP			
56	Small Heath	<i>Coenonympha pamphilus</i>		T, M			E, C					
57	Ringlet	<i>Aphantopus hyperantus</i>	B				E					
58	Meadow Brown	<i>Maniola jurtina</i>	B	T								
59	Arran Brown	<i>Erebia ligea</i>		T	R	P	E	S	SP			
60	Large Ringlet	<i>Erebia euryale</i>		M	R	P	E, C			SP		
	Large Ringlet	<i>Erebia euryale ocellaris</i>		T		P						
61	Eriphyle Ringlet	<i>Erebia erephyle</i>								SP		
62	Yellow-spotted Ringlet	<i>Erebia manto pyrrhula</i>								SP		
63	Mountain Ringlet	<i>Erebia ephiphron aetheria</i>		T					S			
64	Blind Ringlet	<i>Erebia pharte</i>			R	P	E, C	S	SP			
65	Lesser Mountain Ringlet	<i>Erebia melampus</i>							S			
66	Almond-eyed Ringlet	<i>Erebia alberganus</i>								SP		
67	Silky Ringlet	<i>Erebia gorge erynis</i>							S			
68	Common Brassy Ringlet	<i>Erebia cassiodes</i>				P			S			
69	Marbled White	<i>Melanargia galathea</i>		T		Pr	E					

Macro Moths (KEY: F - seen in field; T - from trap)

1	Map-winged swift	<i>Hepialus fusconebulosa</i>		T							
2	Six-spot Burnet	<i>Zygaena filipendulae</i>					F			F	
3	Five-spot Burnet	<i>Zygaena trifolii</i>		F			F				
4	Grass Eggar	<i>Lasiocampa trifolii</i>					F				
5	Pine-tree Lappet	<i>Dendrolimus pini</i>		T	T					T	
6	Peach Blossom	<i>Thyatira batis</i>		T							
7	Small Emerald	<i>Hemistola chrysoprasaria</i>		T		T					
8	No 'common' name	<i>Rhodestrophic vibicaria</i>			T						
9	Riband Wave	<i>Idea aversata</i>		T						T	
10	Flame Carpet	<i>Xanthorhoe designata</i>		T							
11	Silver-ground Carpet	<i>Xanthorhoe montanata</i>		T					T	F, T	
12	Shaded Broad-bar	<i>Scotopteryx chenopodiata</i>		F		T				T	
13	Small Argent and Sable	<i>Epirrhoe tristata</i>		T							
14	Royal Mantle	<i>Catarhoe cuculata</i>		T		T					
15	Wood Carpet	<i>Epirrhoe rivata</i>								T	
16	Grey Mountain Carpet	<i>Entephria caesiata</i>		T							
17	Beautiful Carpet	<i>Mesoleuca albicillata</i>							T		

	Common name	Scientific name	July								
			6	7	8	9	10	11	12	13	
18	Common Marbled Carpet	<i>Chloroclysta truncata</i>		T					T		
19	Spruce Carpet	<i>Thera britannica</i>		T							
20	Broken-barred Carpet	<i>Electrophaes corylata</i>		T	T				T	T	
21	Cloaked Pug	<i>Eupethecia abietaria</i>			T	T			T		
22	Freyer's Pug	<i>Eupithecia intricata</i>		T							
23	Chimney Sweeper	<i>Odezia atrata</i>		F	F			F			
24	Clouded Border	<i>Lomaspilis marginata</i>			T	T					
25	Tawny-barred Angle	<i>Macararia liturata</i>		T	T				T		
26	Latticed Heath	<i>Chiasma clathrata clathrata</i>			T, F					F	
27	Speckled Yellow	<i>Pseudopanthera macularia</i>		F							
28	Peppered Moth	<i>Biston betularia</i>					T		T	T	
29	Mottled Beauty	<i>Alcis repandata repandata</i>		T	T	T			T	T	
30	Lydd Beauty	<i>Peribatodes ilicaria</i>		T						T	
31	Willow Beauty	<i>Peribatodes rhomboidaria</i>								T	
32	Engrailed	<i>Ectropis bistortata</i>		T							
33	Barred Red	<i>Hylaea fasciaria prasinaria</i>		T			T		T	T	
34	Annulet	<i>Charissa obscurata</i>		T			T				
35	Pine Hawkmoth	<i>Hyloicus pinastri</i>			T				T	T	
36	Hummingbird Hawkmoth	<i>Macroglossum stellatarum</i>					F				
37	Poplar Kitten	<i>Furcula bifida</i>			T						
38	Dew Moth	<i>Setina irrorella</i>		T							
39	Red-necked Footman	<i>Atolmis rubricolis</i>		T			T		T	T	
40	Common Footman	<i>Eilema lurideola</i>					T		T	T	
41	Clouded Buff	<i>Diacrisia sannio</i>			T	T					
42	Nine-spotted	<i>Amata phegea</i>	F								F
43	Heart and Club	<i>Agrotis clavis</i>								T	
44	Hart and Dart	<i>Agrostis exclamationis</i>		T					T	T	
45	Large Yellow Underwing	<i>Noctua pronuba</i>					T				
46	Broad-bordered Yellow Underwing	<i>Noctua fimbriata</i>		T					T		
47	Lesser Yellow Underwing	<i>Noctua comes</i>					T				
48	True Lover's Knot	<i>Locophotia porphyrea</i>		T	T	T			T	T	
49	Setaceous Hebrew Character	<i>Xestia c-nigrum</i>								T	
50	Great brocade	<i>Eurios occulta</i>					T				
51	Green Arches	<i>Anaplectoides prasina</i>		T	T	T			T	T	
52	Grey Arches	<i>Polia neulosa</i>								T	
53	Bordered Gothic	<i>Heliophobus reticulata</i>		T			T				
54	Dot Moth	<i>Melanchra persicariae</i>		T							
55	Pale-shouldered Brocade	<i>Lacanobia thalassina</i>		T							
56	Marbled Coronet	<i>Hadena confusa</i>								T	
57	Lychnis	<i>Hadena bicurris</i>					T				
58	Silurian	<i>Eriopygodes imbecilla</i>							T		
59	Brown-line Bright-eye	<i>Mythimna conigera</i>		T			T		T	T	
60	Common Wainscot	<i>Mythimna pallens</i>					T				
61	Shoulder-striped Wainscot	<i>Mythimna comma</i>					T		T		
62	Beautiful Arches	<i>Blepharita satura</i>				T			T		
63	Grey/Dark Dagger	<i>Acronicta spp.</i>					T				
64	Dark Arches	<i>Apamea monoglypha</i>				T	T		T		
65	Reddish Light Arches	<i>Apamea sublustris</i>		T	T	T			T	T	
66	Marbled Minor agg.	<i>Oligia strigilis (Complex)</i>		T	T	T			T	T	
67	Rufous Minor	<i>Oligia versicolor</i>		T					T		
68	Uncertain	<i>Hoplodrina alsines</i>				T	T			T	

	Common name	Scientific name	July								
			6	7	8	9	10	11	12	13	
69	Burnished Brass	<i>Diachrysia chrysitis aurea</i>								T	
70	Silver Y	<i>Autographa gamma</i>		T				F	T		
71	Burnet Companion	<i>Euclidia glyphica</i>	F	F							
72	Snout	<i>Hypena proboscidalis</i>		T		T					
73	No 'common' name	<i>Panthea coenobita</i>		T		T					
74	No 'common' name	<i>Xestia viridescens</i>							T	T	

Micro Moths

1	No 'common' name	<i>Catoptria permutatella</i>		T	T						
2	Small Ermine	<i>Yponomeuta podella</i>		T		T		T	T		
3	No 'common' name	<i>Crambus pascuella</i>				T					
4	No 'common' name	<i>Catastia marginea</i>			F						
5	Yellow Banded Moth	<i>Psodos quadrifaria</i>			F						

Birds (H = heard only)

1	Little Egret	<i>Egretta garzetta</i>	3								3
2	Mallard	<i>Anus platyrhynchos</i>	6			20				40	10
3	Great Cormorant	<i>Phalacrocorax carbo</i>	4								
4	Common Buzzard	<i>Buteo buteo</i>			1		2			H	
5	Common Kestrel	<i>Falco tinnunculus</i>	2								
6	Yellow-legged Gull	<i>Larus michahellis</i>	1								2
7	Feral Pigeon	<i>Columba livia (feral)</i>	30								40
8	Eurasian Collared Dove	<i>Streptoplia decaoto</i>	6								
9	Common Swift	<i>Apus apus</i>	10				10	10	10	10	20
10	Middle Spotted Woodpecker	<i>Dendrocopos medius</i>					1				
11	European Green Woodpecker	<i>Picus viridis</i>		H	H	H			H	H	
12	Eurasian Jay	<i>Garrulus glandarius</i>					1				
13	Eurasian Magpie	<i>Pica pica</i>	3		1	1					4
14	Spotted Nutcracker	<i>Nucifraga caryocatactes</i>		3	5	3	1			1	
15	Alpine Chough	<i>Pyrrhocorax graculus</i>							12		
16	Carrion Crow	<i>Corvus corone</i>				4	2	40	4	4	3
17	Hooded Crow	<i>Corvus cornix</i>	3	4	4	3					
18	Northern Raven	<i>Corvus corax</i>	1		2	2					
19	Willow Tit	<i>Poecile montana</i>		1							
20	Coal Tit	<i>Pariparus ater</i>	1	1	2	1	1	1	1	H	
21	Crested Tit	<i>Lophophanes cristatus</i>							1		
22	Barn Swallow	<i>Hirundo rustica</i>	26	30	10	10	10	10	10	10	6
23	Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>		6	1				2		
24	Common House Martin	<i>Delichon urbica</i>	5	2	2	4	10	10	4	4	
25	Long-tailed Tit	<i>Aegithalos caudatus</i>				1					
26	Common Chiffchaff	<i>Phylloscopus collybita</i>	H	2	H	H	H	H	H	H	
27	Western Bonelli's Warbler	<i>Phylloscopus bonelli</i>			1						
28	Blackcap	<i>Sylvia atricapilla</i>		H		1	H			H	H
29	Lesser Whitethroat	<i>Sylvia curruca</i>							1		
30	Goldcrest	<i>Regulus regulus</i>		1	1				H		
31	Winter Wren	<i>Troglodytes troglodytes</i>		H	H	H	H			H	
32	Eurasian Nuthatch	<i>Sitta europaea</i>					H				
33	White -throated Dipper	<i>Cinclus cinclus</i>					1				
34	European Robin	<i>Erithacus rubecula</i>		H	H	H	H				
35	Common Redstart	<i>Phoenicurus phoenicurus</i>		1	1						

	Common name	Scientific name	July							12	13
			6	7	8	9	10	11			
36	Black Redstart	<i>Phoenicurus ochuros</i>	1	2		1	3	3	1		
37	Northern Wheatear	<i>Oenanthe oenanthe</i>				3		4			
38	Spotted Flycatcher	<i>Muscicapa striata</i>				2					
39	Song Thrush	<i>Turdus philomelos</i>				1	1		1	1	
40	Mistle Thrush	<i>Turdus viscivorus</i>	1	1	1	1		1		1	
41	Fieldfare	<i>Turdus pilaris</i>				2		1			
42	Common Blackbird	<i>Turdus merula</i>					1	2	3	4	
43	Ring Ouzel	<i>Turdus torquatus alpestris</i>						1			
44	Italian House Sparrow	<i>Passer domesticus italiae</i>	11	10	5	9	6	6	6		
45	White-winged Snowfinch	<i>Montifringilla nivalis</i>						2			
46	Grey Wagtail	<i>Motacilla cinerea</i>					1		1		
47	White Wagtail	<i>Motacilla alba</i>		2	1	1	2	1	1	2	
48	Tree Pipit	<i>Anthus trivialis</i>					2		1		
49	Water Pipit	<i>Anthus spinoletta</i>						1			
50	Common Chaffinch	<i>Fringilla coelebs</i>		1	4	2	2	2	2		
51	European Serin	<i>Serinus serinus</i>					1	2	6		
52	Common Linnet	<i>Carduelis cannabina</i>						2	2		
53	European Goldfinch	<i>Carduelis carduelis</i>					3	8	6		
54	European Greenfinch	<i>Carduelis chloris</i>				1				H	
55	Eurasian Siskin	<i>Carduelis spinus</i>							2		
56	European Citril Finch	<i>Serinus citrinella</i>							1		
57	Eurasian Bullfinch	<i>Pyrrhula pyrrhula</i>		2	H	H	H		H		
58	Yellowhammer	<i>Emberiza citrinella</i>	H	H					H	H	

Dragonflies

1	Broad-bodied Chaser	<i>Libellula depressa</i>					1			
2	Common Blue Damselfly	<i>Enallagma cyathigerum</i>							20	
3	Blue-tailed Damselfly	<i>Ischnura elegans</i>							1	

Mammals (✓ recorded but not counted)

1	Alpine Marmot	<i>Marmota marmote</i>							✓	✓	
2	Red Squirrel	<i>Sciurus vulgaris</i>									✓

Reptiles & Amphibians

1	Common Wall Lizard	<i>Podarcis muralis</i>				✓	✓			
2	Italian Wall Lizard	<i>Podarcis sicula</i>							✓	
3	Common (viviparous) Lizard	<i>Lacerta vivipara</i>			✓					
4	Western Green Lizard	<i>Lacerta bilineata</i>					✓			
5	Italian Agile Frog	<i>Rana latastei</i>				✓				

Others Taxa

1	Garden Chafer	<i>Phyllopertha horticola</i>	✓							
2	Bee Beetle	<i>Trichius fasciatus</i>	✓				✓	✓		
3	Scorpion fly sp.		✓							
4	Marmalade Hoverfly	<i>Episyrphus balteatus</i>	✓	✓						
5	Crab spider	<i>Misumena vatia</i>	✓							
6	Red-tailed Bumblebee	<i>Bombus lapidarius</i>		✓	✓	✓	✓			
7	Common Carder Bee	<i>Bombus pascuorum</i>		✓			✓			
8	Buff-tailed Bumblebee	<i>Bombus terrestris</i>		✓	✓	✓	✓	✓		

	Common name	Scientific name	July								
			6	7	8	9	10	11	12	13	
9	Honey Bee	<i>Apis mellifera</i>		✓	✓	✓	✓	✓	✓	✓	
10	Wood Ant	<i>Formica rufa</i>		✓	✓	✓	✓	✓	✓	✓	
11	Leaf Beetle	<i>Chrysolina polita</i>		✓	✓						
12	Leaf Beetle	<i>Clytra 4-punctata</i>		✓							
13	Chafer	<i>Hoplia caerulea</i>		✓				✓			
14	Bumblebee	<i>Anthophora plumipes</i>			✓						
15	Bumblebee	<i>Bombus hyperboreus</i>			✓						
16	Hoverfly	<i>Syrphus ribesii</i>			✓						
17	Leaf Beetle	<i>Chrysolina geminata</i>				✓					
18	Chafer	<i>Cotonia aeruginosa</i>				✓	✓				
19	Glow-worm	<i>Lampyris noctiluca</i>				✓					
20	Longhorn Beetle sp.							✓			
21	Soldier Beetle	<i>Rhogonycha fulva</i>						✓			
22	Blue Sand-grasshopper	<i>Sphingonotus caeruleans</i>						✓			
23	Antlion sp.							✓			
24	2-spot Ladybird	<i>Adalia bipunctata</i>						✓			
25	Bush Cricket	<i>Ruspolia nilidula</i>						✓			
26	Ichneumon	<i>Ophion lutens</i>							✓	✓	
27	Tadpoles									✓	
28	10-spot Ladybird	<i>Adalia 10-punctata</i>								✓	
29	Froghopper	<i>Cercopis vulnerata</i>								✓	

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

Borage family

Viper's Bugloss
Alpine Wood Forget-me-not

Boraginaceae

Echium vulgare
Myosotis alpestris

Poppy family

Rhaetian Poppy

Papaveraceae

Papaver rhaeticum

Saxifrage family

Blue Saxifrage
Scree Saxifrage

Saxifragaceae

Saxifraga caesia
Saxifraga androsacea

Bellflower family

Bearded Bellflower
Clustered Bellflower
Harebell
Spiked Bellflower
Creeping Bellflower
Fairy's Thimble
Giant Bellflower
Nettle leaved Bellflower
Round-headed Rampion
Black Rampion
Betony-leaved Rampion
Globe-headed Rampion

Campanulaceae

Campanula barbata
Campanula glomerata
Campanula rotundifolia
Campanula spicata
Campanula repunculooides
Campanula cochliavifolia
Campanula latifolia
Campanula trachelium
Phyteuma orbiculare
Phyteuma nigrum
Phyteuma betonicifolium
Phyteuma hemisphaericum

Sawwort

*Serratula tinctoria***Pink family**

Fringed Pink

Sweet William

Gypsophila

Ragged Robin

Moss Campion

Nottingham Catchfly

Bladder Campion

Rock Campion

Red Campion

Alpine Mouse-ear

Mouse-eared Chickweed

Caryophyllaceae*Dianthus monspessulanus**Dianthus barbatus**Gypsophila repans**Lychnis flos-cuculi**Silene acaulis**Silene nutans**Silene vulgaris**Silene rupestris**Silene dioica**Cerastium alpinum**Cerastium carinthiacum***Rockrose family**

Common Rockrose

White Rockrose

Cistaceae*Helianthemum nummularium**Helianthemum apenninum***Daisy family**

Yarrow

Alpine Aster

Yellow Ox-eye

Yellow Melancholy Thistle

Alpine Fleabane

Neglected Fleabane

Hemp Agrimony

Alpine Hawkweed

Orange Hawkweed

Edelweiss

Ox-eyed Daisy

Common Ragwort

Chamois Ragwort

Tournefort's Ragwort

(a Ragwort)

Grey Alpine Groundsel

Silvery Milfoil

Doubtful Knapweed

Brook Thistle

Dwarf Edelweiss

Plume Knapweed

Giant Knapweed

Compositae*Achillea millefolium**Aster alpinus**Bupthalmum salicifolium**Cirsium eristales**Erigeron alpinus**Erigeron neglectus**Eupatorium cannabinum**Hieracium alpinum**Hieracium auranticum**Leontopodium alpinum**Leucanthimum vulgare**Senecio jacobaea**Senecio doronicum**Senecio tournefortii**Senecio cordatus**Senecio incanus**Achillea clavennae**Centaurea nigrescens**Cercium rivulare**Leontopodium nivale**Centaurea uniflora**Leuzea rhapontica***Stonecrop family**

White Stonecrop

Rock Stonecrop

Crassulaceae*Sedum album**Sedum reflexum*

Cress family

Buckler Mustard

Crucifereae*Biscutella laevigata***Teasel family**

Wood Scabious

Dipsacaceae*Knautia dipsacifolia***Heather family**

Hairy Alpenrose

Cowberry

Ericaceae*Rhododendron hirsutum**Vaccinium vitis-idaea***Gentian family**

Trumpet Gentian

Spotted Gentian

Snow Gentian

Cross Gentian

(a Gentian)

Slender Gentian

Autumn Gentian

Gentianaceae*Gentiana acualis**Gentiana punctata**Gentiana nivalis**Gentiana crutiatis**Gentiana pumila**Gentianella tenella**Gentianella amarella***Geranium family**

Dusky Cranesbill

Wood Cranesbill

Knotted Cranesbill

Spreading Cranesbill

Geraniaceae*Geranium phaeum**Geranium sylvaticum**Geranium nodosum**Geranium divaricatum***Mint family**

Alpine Calamint

Selfheal

Meadow Clary

Wild Thyme

Tenore's Bugle

Jupiter's Distaff

Horse Mint

Yellow Archangel

(no common name)

Yellow Woundwort

Labiatae*Acinos alpinus**Prunella vulgaris**Salvia pratensis**Thymus polytrichis**Ajuga tenorii**Salvia glutinosa**Mentha longifolia**Lamiaeum galeobdolon**Micromeria thymifolia**Stachys recta***Pea family**

Kidney Vetch

Horseshoe Vetch

Birdsfoot Trefoil

Common Sainfoin

Mountain Sainfoin

Red Clover

White Clover

Brown Clover

Tufted Vetch

Leguminosae*Anthyllis vulneraria**Hippocrepis comosa**Lotus corniculatus**Onobrychis campestris**Onobrychis montana**Trifolium pratense**Trifolium repens**Trifolium badium**Vicia cracca*

Bush Vetch	<i>Vicia sepium</i>
Mountain Kidney Vetch	<i>Anthyllis montana</i>
Alpine Sainfoin	<i>Hedysarum hedysaroides</i>
Alpine Milk-Vetch	<i>Astragalus frigidus</i>
Sprawling Milk-Vetch	<i>Astragalus depressus</i>
Globularia family	Globulariaceae
Common Globularia	<i>Globularia punctata</i>
Matted Globularia	<i>Globularia cordifolia</i>
Butterwort family	Lentibulariaceae
Alpine Butterwort	<i>Pinguicula alpina</i>
Willowherb family	Onagraceae
Mountain Willowherb	<i>Epilobium montana</i>
Rosebay Willowherb	<i>Epilobium angustifolium</i>
Broomrape family	Orobanchaceae
Slender Broomrape	<i>Orobanche gracilis</i>
Yellow Broomrape	<i>Orobanche flava</i>
Thyme Broomrape	<i>Orobanche alba</i>
Thrift family	Plumbaginaceae
Mountain Thrift	<i>Armeria maritima alpina</i>
Dock family	Polygonaceae
Bistort	<i>Persicaria bistorta</i>
Alpine Bistort	<i>Persicaria vivipara</i>
Sorrel	<i>Rumex acetosa</i>
Bitter Milkwort	<i>Polygala amara</i>
Primrose family	Primulaceae
Birdseye Primrose	<i>Primula farinosa</i>
Hairy Rock Jasmin	<i>Androsace housemanii</i>
Wintergreen family	Pyrolaceae
Round-leaved Wintergreen	<i>Pyrola rotundifolia</i>
One-flowered Wintergreen	<i>Moneses uniflora</i>
Buttercup family	Ranunculaceae
Monkshood	<i>Aconitum napellus</i>
Dark Columbine	<i>Aquilegia atrata</i>
Alpine Clematis (leaves)	<i>Clematis alpina</i>
Meadow Buttercup	<i>Ranunculus acris</i>
Globe Flower	<i>Trollius europaeus</i>
Wolfsbane	<i>Aconitum vulparia</i>
Great Meadow-rue	<i>Thalictrum aquilegifolium</i>

Alpine Pasque Flower *Pulsatilla alpina* (seed head & leaves)

Rose family

Alpine Lady's Mantle

Mountain Avens

Wild Strawberry

Water Avens

Alpine Avens

Tormentil

Pink Cinquefoil

Thuringian Potentilla

Cut-leaved Potentilla

Bramble

Raspberry

Alpine Rose

Rosaceae

Alchemilla alpina

Dryas octopetala

Fragaria vesca

Geum rivale

Geum montanum

Potentilla erecta

Potentilla nitida

Potentilla thuringiaca

Potentilla multifida

Rubus fruticosus

Rubus idaeus

Rosa pendulina

Sandalwood family

Alpine Toadflax

Santalaceae

Linaria alpina

Figwort family

Eyebright

Wood Cow-wheat

Long Beaked Yellow Lousewort

Flesh-pink Lousewort

Mouse Lousewort

Yellow Rattle

Wolfania

Germander Speedwell

Thyme-leaved Speedwell

Alpine Speedwell

Aaron's Rod

Dark Mullein

Scrophulariaceae

Euphrasia rosikoviana

Melampyrum sylvaticum

Pedicularis tuberosa

Pedicularis rostratospicata

Pedicularis palustris

Rhinanthus minor

Wolfania carinthiaca

Veronica chamaedrys

Veronica serpyllifolia

Veronica alpina

Verbascum thapsus

Verbascum nigrum

Nettle family

Stinging Nettle

Urticaceae

Urtica dioica

Cow Parsley family

Hogweed

Umbelliferae

Heracleum sphondylium

Valerian family

Common Valerian

Valerianaceae

Valeriana officinalis

Lily family

Orange Lily

Martagon Lily

False White Helleborine

Mountain Onion

Liliaceae

Lilium bulbiferum

Lilium martagon

Veratrum album

Allium montanum

Orchid family

Frog Orchid
Common Spotted Orchid
Small White Orchid
Broad-leaved Marsh Orchid
Fragrant Orchid
Short-spurred Fragrant Orchid
Black Vanilla Orchid
Red Vanilla Orchid
Twayblade
Musk Orchid
Lesser Butterfly Orchid
Round-headed Orchid
Dark Red Helleborine

Orchidaceae

Coeloglossum viride
Dactylorhiza fuchsii
Gymnadenia albida
Dactylorhiza majalis
Gymnadenia conopsea
Gymnadenia odoratissima
Gymnadenia austriaca
Gymnadenia rubra
Neottia (Listera) ovata
Herminium monorchis
Platanthera bifolia
Traunsteinera globosa
Epipactis atrorubens