

# Butterflies of the Dolomites

Naturetrek Tour Report

9 - 16 July 2008

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Amanda's Blue *Agrodiaetus amanda*



Group in Lauren's rose garden



Blind ringlet *Erebia pharte*



Geranium Argus *Eumedonia eumedon*

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Participants:	Richard Pooley Lis Allen James Burnie Ruth Matthews Jamie Burnie Andrew Burnie Geoff Woodcock Carol Wilken David Hooker Bob Lugg Ken Bailey Ivan Quail Nicky Lynn Margaret Hibbard

## Day 1

Wednesday 9th July

The whole group met up at Gatwick and took the early morning BA flight to Venice, an arrangement that gave us an extra half-day in the field. We were soon heading north towards our first stop in the National Park of the Bellunesi Dolomites. Good sightings of the Large Chequered Skipper, the Sloe Hairstreak and a Blue-spot Hairstreak got us off to an excellent start. We arrived in the hamlet of Tamion in time for a walk in the meadows before a dinner that set the scene for a week's fine dining in the Hotel Gran Mugon.

## Day 2

Thursday 10th July

After breakfast we set off on foot from the hotel, admiring the fantastic views all about us. The butterflies arrived progressively as the day warmed up, and we soon discovered that our 16 pairs of eyes included keen lepidopterists and able photographers. The sky was blue, and we were accompanied through the meadow by Mazarine Blues and Marbled Whites. The appearance of a Chequered Skipper and the absence of Erebias (Ringlets) suggested that the season was running late. Birdsong filled the forest, with Bonelli's Warbler, Willow and Crested Tits singing all around.

We drove on to take our picnic lunch in a meadow in Monzonital, on the other side of Val di Fassa. Here we saw our first Alpine Blue, followed promptly by Silver-studded, Idas and Little Blue, all flitting amongst a mass of wild flowers. Ida's Blue provided a good opportunity to use a hand lens to check for absence of spines on the fore tibia – an exercise in identification that was new to most of the group. An inquisitive vole was probably surprised when it finished up in a butterfly net. This gentle first day made a very pleasing start to our week in the Val di Fassa.

## Day 3

Friday 11th July

The morning began with a ride in the cable car up to 2000 metres for our trek to Gardecchia and the Rosengarten. The first butterfly flying at that altitude was a Large Grizzled Skipper. We paused to admire the view, and found a patch of Cranesbill that supported a colony of Geranium Argus – another new species for most of the group. Passing through natural pine forests we learned to identify the Alpenrose along the undulating route towards Gardeccia. Ken's quest for the Mountain Alcon Blue came to fruition under a chairlift, where we also found a Little Blue laying eggs on the Kidney Vetch. The tiny white eggs were buried in the soft downy flower head, but could be clearly seen with a hand lens. As we gently 'climbed' to our picnic stop, Nutcrackers were seen flying over the forest, with one giving great views as it perched in the top of a pine.

We took our picnic in the flowery alpine meadows above Gardeccia, where the first fresh Shepherd's Fritillaries were gleaming like gold on the Hawkweed, along with Blind Ringlets, Alpine Heaths and Sooty Coppers. After our stroll back, we found time for an ice cream before the cable car brought a memorable day in "King Lauren's Rose Garden" to an end.

We ran a moth trap at the back of the hotel, assembling an interesting catch, which varied from night to night. Richard Pooley's expertise allowed him to identify the majority in the hour before breakfast, when everyone else trooped down to inspect the catch. Red squirrels kept an eye on us from the pines towering above. Unfamiliar non-British species were photographed for later scrutiny. Skilfully assisted by Lis, Richard compiled a longer moth list than ever managed before on this tour.

Another nocturnal activity took the form of a short glow-worm walk along the walled embankment close to the hotel. We all got to see a female emitting its green luminescence from the crevices used by the small snails, which are the glow-worm's prey. Ingenious photography produced decent images of the beetle and its glowing tail.

## Day 4

Saturday 12th July

The drive south brought us down to Predazzo, where the riverside is accessible and deciduous scrub provides a different habitat adjacent to the pine forested hillsides. An early stop here proved just as productive as we had hoped. The first new species was the Pearly Heath, and we found several early risers warming up in the morning sun. The highlight came with the appearance of a trio of Apollos, and we all had good views of them in flight and close-up for photography. We almost overlooked one that was different, but Jason pursued it, and came back with a Black-veined White! A Lesser Marbled Fritillary and a Mullein larva were added to the tally before we moved on to the Panveccio National Park.

We found a sheltered glade with Titania's Fritillary and a profusion of Small Tortoiseshell larvae on nettle before our picnic, and another later with Chequered Skippers and Amanda's Blue later at the base of Val Venegia. By now, so many Woodland Ringlets had emerged that they were making it difficult to concentrate on other species. An uphill drive brought us to the Pass of Valles, with a mass of vanilla orchids under our feet, and spectacular mountain views off both sides of a windy ridge. We had not ventured far before the skies darkened, and a cowherd appeared on the ridge with a couple of dogs driving the cattle home before the storm. As they stampeded downhill towards us, we noticed the breadth of their horns. The outing came to an abrupt end as the heavens opened, but we were all content; it had been another good day.

## Day 5

Sunday 13th July

We set out for our day on the Sella Pass under grey skies and drove up through the picturesque villages of the Val di Fassa, around 23 hairpin bends, and up to the saddle at 2200m. The view of the glacier on Marmolada was good, and we walked across a hillside strewn with fantastic flora towards the towering mass of the Langkofel. Atop a rocky outcrop, a marmot kept watch, and remained in view as we drew close enough for some good photos. While sheltering from the weather, we watched as a flock of Snow Finch ‘worked’ the slopes; other birds of interest included a Ring Ouzel and Wheatear.

The thunderstorm was inevitable, but we remained out until the rain drove us to the Rifugio for an indoor snack in lieu of a picnic. It was still raining heavily as we retraced our route back down the valley in 2 separate buses, bidding farewell to the Alpine Choughs snacking outside of a restaurant. When the sun re-appeared, one party found a colony of Amanda’s Blue beside the river, and both found the stamina for a second walk.

## Day 6

Monday 14th July

With another wet day forecast, we drove down the Eggental, in search of higher temperatures. Beyond Bolzano, the plan was to search out suitable habitat below the Mendel Pass, but the journey turned out to be a tour of the Wine Route in the rain. We found ourselves in the vineyards beside the Kalterer See when the rain eased up, and were able to take an interesting stroll across a boardwalk through wetlands at the bottom of the glacial valley. The ducks and frogs of several species were enjoying the drizzle, and we had good views of a couple of Hobbys and female Marsh Harrier as they hunted the marshes. Water Rails were calling from the reeds and a pair of Red-backed Shrike showed well in the adjacent orchard.

Our picnic in the drizzle lacked the style to which we had become accustomed, but provided an interlude, after which we set off to return by a different route. As we approached Predazzo to rejoin the Val di Fassa, the sun broke through, and we seized the opportunity for a walk beside the river near Cavalese. The butterflies were quick to re-appear, and we salvaged an agreeable hour, seeing two young Dippers, an enormous Bush Cricket and a bright pink Grasshopper.

## Day 7

Tuesday 15th July

Our last full day was spent above the San Pellegrino Pass, close to a lake called Miralago. We began by exploring a chalky outcrop spread with Chalkhill blues and added Cranberry Blue and Mountain Clouded Yellow to our list. The alpine form of the Marsh Fritillary also flew here, amongst the Orange Lilies and the impressive “Turk’s-cap” Martagon Lilies. A new Ringlet was the Almond-eyed, which flew with a mixture of the Yellow-spotted Ringlet in its normal form and its darker, unspotted subspecies. The abundance of unfamiliar butterflies and the blue sky were most welcome, and an unexpected sighting of a juvenile Long-eared Owl added variety to the morning, as did a couple of Narrow-bordered Bee Hawk moths and a pair of Golden Eagles soaring overhead.

After lunch, we made our way down to the Miralago and found a few damselfly and dragonflies, which had been in short supply until then. The lake was seething with tadpoles in places, mostly clustered in shallow water where it fell under the shadow of trees.

An uphill walk brought us to a sheltered glade where we found dozens of male Mazarine Blues on the moist gravel absorbing salts. Nearby, we found a fresh Thor's Fritillary – a special butterfly, particularly because we had failed to find it earlier.

That evening, back at the Gran Mugon Hotel, we reflected on how well we had been looked after by the staff. The pasta dish was farfalle, appropriately for us, since the word is Italian for butterflies. Richard took the opportunity to visit the kitchen to express our appreciation to the chef and his team. We had enjoyed 7 nights' fine dining as well as a wonderful week's butterfly watching.

## Day 8

Wednesday 16th July

We took our final bird walks around Tamion before breakfast, saying our farewells to the Cockerel, the Peacock and the church bells that had been the only sounds in that tranquil setting. We left the Val di Fassa to the northeast, returning over the Fedaiia Pass through new scenery. We paused for a butterfly hunt on the way down the steep meadows, and watched the busy Marmots (in the National Park of the Marmots) where a Clouded Apollo was sunning itself in the company of Almond-eyed ringlets. Our final butterfly stop was a return to the National Park of the Bellunesi Dolomites, where we searched the broad river bed, finding the Large Chequered Skipper again, plus a Scarce Swallowtail, Silver-washed Fritillaries, and a Scotch Argus. Half the group also saw a Large Tortoiseshell, and as we assembled at the buses, a White Admiral swooped down to wish us 'arrivederci'!

### Teamwork & Imagery:

We all shared our knowledge, with entomology, photography, botany, conservation and ornithology each taking their turn. Rob's special thanks go to Richard for his endeavours at the moth trap and with the day-flying moths in the mountains. Hopefully we have all learned something about the need for rigorous care in identifying European butterflies. Many interesting species were observed in the field, and everyone extended their personal lists. Digital images of almost every species will serve as our records, lest we do not see them again soon. In the weeks following the tour, images were sifted, and the final list refined.

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## Species Lists:

The text above uses vernacular names; the full scientific names and local subspecies are given in the following species lists, which tabulate 77 butterflies, 94 macro moths, 18 micros, and 74 birds. The late season and the loss of 2 days to mountain storms nibbled into the butterfly count, but our low altitude stops en route compensated nicely. We had excellent birds, and the moth list is the longest-yet for this trip (with thanks to Richard Pooley for his assistance).

## Butterflies

	Common Name	Scientific Name	Notes	JULY								
				9	10	11	12	13	14	15	16	
1	Scarce Swallowtail	<i>Iphiclides podalirius</i>										B
2	Apollo	<i>Parnassius apollo</i>					Pr					
3	Clouded Apollo	<i>Parnassius mnemosyne</i>										F
4	Black-veined White	<i>Aporia crataegi</i>					Pr					
5	Small White	<i>Pieris rapae</i>		B	Mt		Pr	C				
6	Southern Small White	<i>Pieris mannii</i>		B			Pr		K			B
7	Green-veined White	<i>Pieris napi</i>		B	T	Mt	Pr				M	F B
8	Mountain Green-veined White	<i>Pieris bryoniae</i>			Mt						M	
9	Mountain Clouded Yellow	<i>Colias phicomone</i>									M	
10	Clouded Yellow	<i>Colias crocea</i>		B	T		Pr P				M	B
11	Brimstone	<i>Gonepteryx rhamni</i>		B			P					B
12	Wood White	<i>Leptidea sinapis</i>			T		Pr P				M	
13	Sloe Hairstreak	<i>Satyrium acaciae</i>		B								
14	Blue-spot Hairstreak	<i>Satyrium spini</i>		B								
15	Sooty Copper	<i>Lycaena tityrus</i>				R					M	
16	Sooty Copper Alpine form	<i>Lycaena tityrus subalpinus</i>									M	
17	Little Blue	<i>Cupido minimus</i>	egg-laying at R		Mt	R	P		Cv	M		
18	Osiris Blue	<i>Cupido osiris</i>					P					
19	Alcon Blue	<i>Maculineaalcon</i>			T							
20	Mountain Alcon Blue	<i>Maculinea rebeli</i>				R						

	Common Name	Scientific Name	Notes	JULY							
				9	10	11	12	13	14	15	16
21	Silver-studded Blue	<i>Plebejus argus</i>			Mt				Cv		
22	Idas Blue	<i>Plebejus idas</i>			Mt						
23	Cranberry Blue	<i>Plebejus opilete</i>									M
24	Geranium Argus	<i>Eumedonia eumedon</i>			Mt	R	P	C			M
25	Brown Argus	<i>Aricia agestis</i>									M
26	Mountain Argus	<i>Aricia artaxerxes</i>									M
27	Alpine Blue	<i>Albulina orbitulus</i>			Mt	R	P	C			M
28	Mazarine Blue	<i>Cyaniris semiargus</i>			T Mt	R	P	C			M F B
29	Amanda's Blue	<i>Polyommatus amanda</i>					Pr P	C			
30	Chalkhill Blue	<i>Lysandra coridon</i>		B	T Mt						M B
31	Adonis Blue	<i>Lysandra bellargus</i>			T						
32	White Admiral	<i>Limentis camilla</i>									B
33	Large Tortoiseshell	<i>Nymphalis polychloros</i>									B
34	Red Admiral	<i>Vanessa atalanta</i>		T		R	P Vp				F
35	Painted Lady	<i>Vanessa cardui</i>			T						M B
36	Small Tortoiseshell	<i>Aglais urticae</i>	Larvae at P	T	T		Pr P				
37	Comma	<i>Polygonia c-album</i>		B							B
38	Silver-washed Fritillary	<i>Argynnis paphia</i>									B
39	Dark Green Fritillary	<i>Argynnis aglaja</i>					P				
40	High Brown Fritillary	<i>Argynnis adippe</i>									M
41	Lesser Marbled Fritillary	<i>Brenthis ino</i>					Pr				
42	Shepherd's Fritillary	<i>Boloria pales</i>			R						
43	Mountain Fritillary	<i>Boloria napaea</i>	1 probable imaged		R						
44	Small Pearl-bordered Frit.	<i>Boloria selene</i>			T						
45	Titania's Fritillary	<i>Boloria titania</i>					P				M
46	Pearl-bordered Fritillary	<i>Boloria euphrosyne</i>			T Mt	R	P				M

	Common Name	Scientific Name	Notes	JULY								
				9	10	11	12	13	14	15	16	
47	Thor's Fritillary	<i>Boloria thore</i>									M	
48	Heath Fritillary	<i>Mellicta athalia</i>			T		P					
49	Marsh Fritillary	<i>Eurodryas aurinia</i>				R					M	
50	(Alpine) Marsh Fritillary	<i>Eurodryas aurinia debilis</i>									M	
51	Marbled White	<i>Melanargia galathea</i>		M	T	V	Pr					
52	Arran Brown	<i>Erebia ligea</i>					Pr					
53	Yellow-spotted Ringlet	<i>Erebia manto pyrrhula</i>									M	
54	Mountain Ringlet	<i>Erebia ephiphron aetheria</i>										F
55	Blind Ringlet	<i>Erebia pharte</i>				R					M	F
56	Scotch Argus	<i>Erebia aethiops</i>										B
57	Woodland Ringlet	<i>Erebia medusa</i>	& f- <i>hippomedusa</i>		Mt	R	Pr P Vp				M	F
58	Almond-eyed Ringlet	<i>Erebia alberganus</i>									M	F
59	Common Brassy Ringlet	<i>Erebia cassiodes</i>									M	
60	Meadow Brown	<i>Maniola jurtina</i>		B	T							B
61	Ringlet	<i>Aphantopus hyperantus</i>		B								B
62	Small Heath	<i>Coenonympha pamphilus</i>		T	T		P	C	Cv			
63	Pearly Heath	<i>Coenonympha arcania</i>	new for tour				Pr					
64	Alpine Heath	<i>Coenonympha gardetta</i>	& <i>macrothamica</i>			R	Vp				M	
65	Speckled Wood	<i>Pararge aegeria</i>					P					
66	Large Wall Brown	<i>Lasiommata maera</i>			T						M	
67	Northern Wall Brown	<i>Lasiommata petropolitana</i>									M	
68	Grizzled Skipper	<i>Pyrgus malvae</i>										F
69	Large Grizzled Skipper	<i>Pyrgus alveus</i>				R					M	
70	Oberthur's Grizzled Skipper	<i>Pyrgus armoricanus</i>			T							
71	Dusky Grizzled Skipper	<i>Pyrgus cacaliae</i>				R						
72	Dingy Skipper	<i>Erynnis tages</i>	all very worn		T Mt						M	



	Common Name	Scientific Name	Notes	JULY								
				9	10	11	12	13	14	15	16	
73	Large Chequered Skipper	<i>Heteropterus morpheus</i>		B								B
74	Chequered Skipper	<i>Carterocephalus palaemon</i>			T		P					
75	Essex Skipper	<i>Thymelicus lineola</i>								Cv		
76	Small Skipper	<i>Thymelicus sylvestris</i>		B	T		Pr			Cv		B
77	Large Skipper	<i>Ochlodes sylvanus</i>		B	T Mt		Pr					B
		<b>Location, Elevation</b>					<b>Location Code</b>					
		Bellunesi National Park, 440m		B								
		Tamion, 1550m			T							
		Monzonital, 1400m			Mt							
		Rosengarten, 2000-2100m				R						
		Vigo di Fassa, 1300m				V						
		Predazzo Valley, 1050m					Pr					
		Panveccio Visitor Centre, 1450m					P					
		Valles Pass, 1880m					Vp					
		Sella Pass, 2220m	(nil seen in rain)						Sp			
		Campitello, beside river, 1440m							C			
		Eggental, 980m								E		
		Kalterer See								K		
		Cavalese, beside river								Cv		
		Miralago, San Pelegrino Pass, 1920 to 2000m									M	
		below Fedaia Pass, 1890m										Fp
		Bellunesi National Park, 440m										B

## Moths

	BF No	Common Name	Scientific Name	Rec	Trap	Field	Status
1	14	Ghost Moth	<i>Hepialus humuli humuli</i>	1		1	Few
2	163	Forester	<i>Adscita statices</i>	1		1	Few
3	169	Six-spot Burnet	<i>Zygaena filipendulae</i>	1		1	Abundant
4	170	Five-spot Burnet	<i>Zygaena trifolii</i>	1		1	Few
5	172	Transparent Burnet	<i>Zygaena purpuralis</i>	1		1	One
6	1682	Blood-vein	<i>Timandra comae</i>	1	1	1	Common
7	1713	Riband Wave	<i>Idaea aversata</i>	1	1		One
8	1724	Red Twin-spot Carpet	<i>Xanthorhoe spadicearia</i>	1	1	1	
9	1725	Dark-barred Twin-spot Carpet	<i>Xanthorhoe ferrugata</i>	1	1		One
10	1727	Silver-ground Carpet	<i>Xanthorhoe m. montanata</i>	1	1	1	Abundant
11	1732	Shaded Broad-bar	<i>Scotopteryx chenopodiata</i>	1	1	1	Common
12	1737	Small Argent & Sable	<i>Epirrhoe tristata</i>	1	1	1	Common
13	1738	Common Carpet	<i>Epirrhoe a. alternata</i>	1	1		One
14	1744	Grey Mountain Carpet	<i>Entephria caesiata</i>	1	1		Common
15	1747	Streamer	<i>Anticlea derivata</i>	1	1		Few
16	1752	Purple Bar	<i>Cosmorhoe ocellata</i>	1	1		Few
17	1759	Small Phoenix	<i>Ecliptopera silaceata</i>	1	1		Few
18	1762	Dark Marbled Carpet	<i>Chloroclysta c. citrata</i>	1	1		Few
19	1764	Common Marbled Carpet	<i>Chloroclysta truncata</i>	1	1		One
20	1766	Blue-bordered Carpet	<i>Plemyria r. rubiginata</i>	1	1		Few
21	1767	Pine Carpet	<i>Thera firmata</i>	1	1		One
22	1768	Grey Pine Carpet	<i>Thera obeliscata</i>	1	1		Few
23	1769	Spruce Carpet	<i>Thera britannica</i>	1	1		Abundant
24	1771	Juniper Carpet	<i>Thera j. juniperata</i>	1	1		Few
25	1773	Broken-barred Carpet	<i>Electrophaes corylata</i>	1	1		One
26	1779	Ruddy Highflyer	<i>Hydriomena ruberata</i>	1	1		Few
27	1782	Fern	<i>Horisme tersata</i>	1	1		Few
28	1803	Small Rivulet	<i>Perizoma alchemillata</i>	1	1		One
29	1807	Grass Rivulet	<i>Perizoma a. albulata</i>	1		1	One
30	1817	Foxglove Pug	<i>Eupithecia p. pulchellata</i>	1	1		One
31	1827	Freyer's Pug	<i>Eupithecia intricata</i>	1	1		One
32	1856	Larch Pug	<i>Eupithecia lariciata</i>	1	1		Common
33	1869	Purple Treble-bar	<i>Aplocera praeformata</i>	1		1	One
34	1870	Chimney Sweeper	<i>Odezia atrata</i>	1		1	Abundant
35	1894	Latticed Heath	<i>Chiasma c. clathrata</i>	1		1	Few
36	1895	Netted Mountain Moth	<i>Macaria carbonaria</i>	1		1	One
37	1909	Speckled Yellow	<i>Pseudopanthera macularia</i>	1		1	One
38	1931	Peppered Moth	<i>Biston betularia</i>	1	1		Few
39	1937a	Feathered Beauty	<i>Peribatodes secundaria</i>	1	1		Common
40	1941	Mottled Beauty	<i>Alcis r. repandata</i>	1	1		Common
41	1947	Engrailed	<i>Ectropis bistortata</i>	1	1		Few
42	1949	Square Spot	<i>Paradarisa consonaria</i>	1	1		Common
43	1952	Common Heath	<i>Ematurga atomaria</i>	1		1	Few

BF No	Common Name	Scientific Name	Rec	Trap	Field	Status	
44	1956	Common Wave	<i>Cabera exanthemata</i>	1		1	Few
45	1961	Light Emerald	<i>Campaea margaritata</i>	1	1		One
46		Beautiful Mountain Moth	<i>Psodos quadrifaria</i>	1		1	Few
47			<i>Catastia marginea</i>	1		1	One
48	1962	Barred Red	<i>Hylaea fasciara</i>	1	1		Few
49	1964	Annulet	<i>Charissa obscurata</i>	1	1	1	Common
50	1982	Narrow-bordered Bee Hawk Moth	<i>Hemaris tityus</i>	1		1	Two
51	1984	Hummingbird Hawk Moth	<i>Macroglossum stellatarum</i>	1		1	Few
52	2050	Common Footman	<i>Eilema lurideola</i>	1	1		Few
53			<i>Hyphoraia aulica</i>	1	1		One
54	2059	Clouded Buff	<i>Diacrisia sannio</i>	1	1	1	Common
55	2070	Nine-spotted	<i>Amata phegea</i>	1		1	Few
56	2089	Heart & Dart	<i>Agrotis exclamationis</i>	1	1		One
57	2091	Dark Sword-grass	<i>Agrotis ipsilon</i>	1	1		One
58	2107	Large Yellow Underwing	<i>Noctua pronuba</i>	1	1		Common
59	2110	Broad-bordered Yellow Underwing	<i>Noctua fimbriata</i>	1	1		One
60	2118	True Lover's Knot	<i>Lycophotia porphyrea</i>	1	1		Two
61	2120	Ingrailed Clay	<i>Diarsia m. mendica</i>	1	1		Common
62	2126	Setaceous Hebrew Character	<i>Xestia c-nigrum</i>	1	1		Two
63	2127	Triple-spotted Clay	<i>Xestia ditrapezium</i>	1	1		One
64	2137	Great Brocade	<i>Eurois occulta</i>	1	1		Common
65	2147	Shears	<i>Hada plejeba</i>	1	1		Common
66	2150	Grey Arches	<i>Polia neulosa</i>	1	1		One
67	2153	Bordered Gothic	<i>Heliophobus reticulata</i>	1	1		One
68	2160	Bright-line Brown-eye	<i>Lacanobia oleracea</i>	1	1		Two
69	2163	Broom Moth	<i>Melandra pisi</i>	1	1		One
70	2175	Silurian	<i>Eriopygodes imbecilla</i>	1		1	Two
71	2192	Brown-line Bright-eye	<i>Mythimna conigera</i>	1	1		One
72	2250	Dark Brocade	<i>Blepharita adusta</i>	1	1		Few
73	2151	Feathered Ear	<i>Pachetera s. sagittigera</i>	1	1		One
74	2321	Dark Arches	<i>Apamea monoglypha</i>	1	1		Common
75	2322	Light Arches	<i>Apamea lithoxylaea</i>	1	1		One
76	2324	Northern Arches	<i>Apamea zeta assimilis</i>	1	1		One
77			<i>Panthea coenobita</i>	1	1		One
78	2326	Clouded Bordered Brindle	<i>Apamea crenata</i>	1	1		One
79	2328	Scarce Brindle	<i>Apamea lateritia</i>	1	1		One
80	2337	Marbled Minor	<i>Oligia strigilis</i>	1	1		Two
81	2339	Tawny Marbled Minor	<i>Oligia latruncula</i>	1	1		One
82	2341	Cloaked Minor	<i>Meoligia furuncula</i>	1	1		One
83	2381	Uncertain	<i>Hoplodrina alsines</i>	1	1		Common
84	2382	Rustic	<i>Hoplodrina blanda</i>	1	1		Common
85	2400	Scarce Bordered Straw	<i>Helicoverpa armigera</i>	1	1		One
86	2434	Burnished Brass	<i>Diachrysia chrysitis</i>	1	1		Two
87	2441	Silver Y	<i>Autographa gamma</i>	1	1	1	Common

BF No	Common Name	Scientific Name	Rec	Trap	Field	Status	
88	2442	Beautiful Golden Y	<i>Autographa pulchrina</i>	1	1	One	
89	2444	Gold Spangle	<i>Autographa bractea</i>	1	1	1	Few
90	2447	Scarce Silver Y	<i>Syngrapha interregotionis</i>	1	1	One	
91	2450	Spectacle	<i>Abrostola tripartita</i>	1	1	Few	
92	2463	Burnet Companion	<i>Euclidia glyphica</i>	1		1	Abundant
93	2470	Small Purple-barred	<i>Phytometra viridaria</i>	1		1	Few
94	2477	Snout	<i>Hypena probascidalis</i>	1	1	One	

### Micro moths

1	464	Diamond-backed Moth	<i>Plutella xylostella</i>	1	1	One	
2	937	Hook-marked Straw Moth	<i>Agapeta hamana</i>	1	1	One	
3	1020	Grey Tortrix	<i>Cnephasia stephensiana</i>	1	1	Two	
4	1174		<i>Epiblema cynosbatella</i>	1	1	One	
5	1312		<i>Catoptria specularis</i>	1	1	1	Few
6	1313		<i>Catoptria pinella</i>	1		1	One
7	1339		<i>Eudonia murana</i>	1	1	One	
8	1371		<i>Sitochroa verticalis</i>	1	1	One	
9	1386		<i>Opsibotys fuscalis</i>	1	1	Two	
10	1390		<i>Udea prunalis</i>	1	1	1	Common
11	1391		<i>Udea decrepitalis</i>	1	1	1	Common
12	1393		<i>Udea uliginosalis</i>	1	1	1	Few
13	1394		<i>Udea alpinalis</i>	1		1	Abundant
14	1441		<i>Oncocera semirubella</i>	1		1	Few
15	1454a		<i>Diorcytria schuetzeella</i>	1	1	Common	
16	1461		<i>Assara terebrella</i>	1	1	Few	
17	1508		<i>Stenoptilia bipunctidactyla</i>	1		1	Few
18	1524		<i>Emmelina monodactyla</i>	1		1	Few

## Birds

	Common name	Scientific name	July									
			9	10	11	12	13	14	15	16		
1	Cormorant	<i>Phalacrocorax carbo</i>	X									
2	Little Egret	<i>Egretta garzetta</i>	X									
3	Grey Heron	<i>Ardea cinerea</i>							X	X		
4	Mallard	<i>Anas platyrhynchos</i>							X			
5	Golden Eagle	<i>Aquila chrysaetos</i>			X						X	
6	Marsh Harrier	<i>Circus aeruginosus</i>							X			
7	Common Buzzard	<i>Buteo buteo</i>	X	X					X			X
8	Honey Buzzard	<i>Pernis apivorus</i>	X	X	X	X			X			
9	Sparrowhawk	<i>Accipiter nisus</i>	X					X	X			
10	Kestrel	<i>Falco tinnunculus</i>	X	X				X	X	X	X	X
11	Hobby	<i>Falco subbuteo</i>							X			
12	Peregrine	<i>Falco peregrinus</i>			X		X					
13	Water Rail	<i>Rallus aquaticus</i>							X			
14	Black-headed Gull	<i>Larus ridibundus</i>										X
15	Yellow-legged Gull	<i>Larus michahellis</i>	X						X			X
16	Wood Pigeon	<i>Columba palumbus</i>	X									X
17	Collared Dove	<i>Streptopelia decaocto</i>	X						X			X
18	Long-eared Owl	<i>Asio otus</i>									X	
19	Common Swift	<i>Apus apus</i>	X	X	X	X	X	X	X	X	X	X
20	Alpine Swift	<i>Apus melba</i>							X			
21	Green Woodpecker	<i>Picus viridis</i>		X		X	X	X	X			
22	Great Spotted Woodpecker	<i>Dendrocopos major</i>	X		X	X	X	X	X	X		
23	Three-toed Woodpecker	<i>Picoides tridactylus</i>									X	
24	Crag Martin	<i>Ptyonoprogne rupestris</i>	X	X	X	X	X	X	X	X	X	X
25	Barn Swallow	<i>Hirundo rustica</i>	X	X	X	X	X	X	X	X	X	X
26	House Martin	<i>Delichon urbica</i>	X	X	X	X	X	X	X	X		
27	Water Pipit	<i>Anthus spinoletta</i>						X				
28	Meadow Pipit	<i>Anthus pratensis</i>						X	X			
29	White Wagtail	<i>Motacilla alba (alba)</i>	X	X	X	X	X	X	X	X	X	X
30	Grey Wagtail	<i>Motacilla cinerea</i>				X			X			
31	Wren	<i>Troglodytes troglodytes</i>			X			X	X			
32	Dipper	<i>Cinclus cinclus</i>				X			X			
33	Robin	<i>Erithacus rubecula</i>						X	X			
34	Redstart	<i>Phoenicurus phoenicurus</i>				X			X	X		
35	Black Redstart	<i>Phoenicurus ochruros</i>	X	X	X	X			X	X	X	X
36	Northern Wheatear	<i>Oenanthe oenanthe</i>						X				
37	Whinchat	<i>Saxicola rubetra</i>	X						X			
38	Song Thrush	<i>Turdus philomelos</i>				X			X	X		
39	Mistle Thrush	<i>Turdus viscivorus</i>	X	X	X	X	X	X	X	X	X	X
40	Fieldfare	<i>Turdus pilaris</i>	X		X	X	X	X				
41	Blackbird	<i>Turdus merula</i>			X	X			X	X		
42	Ring Ouzel	<i>Turdus torquatus</i>						X				
43	Garden Warbler	<i>Sylvia borin</i>										X
44	Blackcap	<i>Sylvia atricapilla</i>	X	X		X	X	X	X	X	X	X
45	Lesser Whitethroat	<i>Sylvia curruca</i>			X						X	
46	Willow Warbler	<i>Phylloscopus trochilus</i>									X	
47	Bonelli's Warbler	<i>Phylloscopus bonelli</i>		X	X	X	X			X		
48	Chiffchaff	<i>Phylloscopus collybita</i>	X	X	X	X	X	X	X	X	X	X
49	Goldcrest	<i>Regulus regulus</i>	X	X	X	X	X	X	X	X		

	Common name	Scientific name	July							
			9	10	11	12	13	14	15	16
50	Great Tit	<i>Parus major</i>		X			X	X		
51	Coal Tit	<i>Parus ater</i>	X	X	X		X	X	X	
52	Crested Tit	<i>Parus cristatus</i>		X	X	X	X	X	X	
53	Willow Tit	<i>Parus montanus</i>		X	X				X	
54	Long-tailed Tit	<i>Aegithalos caudatus</i>						X		
55	Nuthatch	<i>Sitta europaea</i>			X	X	X			
56	Red-backed Shrike	<i>Lanius collurio</i>						X		
57	Magpie	<i>Pica pica</i>	X	X		X	X	X	X	
58	Jay	<i>Garrulus glandarius</i>	X	X	X	X	X	X	X	
59	Nutcracker	<i>Nucifraga caryocatactes</i>	X	X	X	X	X	X	X	
60	Alpine Chough	<i>Pyrrhonorax pyrrhonorax</i>			X		X			
61	Carrion Crow	<i>Corvus corone</i>	X	X	X	X	X	X	X	X
62	Raven	<i>Corvus corax</i>			X					
63	Starling	<i>Sturnus vulgaris</i>	X							X
64	(Italian) House Sparrow	<i>Passer domesticus italiae</i>	X	X	X	X	X	X	X	X
65	Snow Finch	<i>Montifringilla nivalis</i>					X			
66	Chaffinch	<i>Fringilla coelebs</i>	X	X	X	X	X	X	X	X
67	Linnet	<i>Carduelis cannabina</i>			X					
68	Common/Lesser Redpoll	<i>Carduelis flammea/cabaret</i>			X	X		X		X
69	Goldfinch	<i>Carduelis carduelis</i>	X	X		X	X	X		
70	Greenfinch	<i>Carduelis chloris</i>			X			X		
71	Serin	<i>Serinus serinus</i>				X		X		
72	Bullfinch	<i>Pyrrhula pyrrhula</i>		X	X	X			X	
73	Common Crossbill	<i>Loxia curvirostra</i>	X	X	X	X	X	X	X	X
74	Yellowhammer	<i>Emberiza citrinella</i>							X	