

Butterflies of the Kaçkars 11th - 19th July 2022 Led by Simon Spencer, Ben Greenaway, Yiannis Christofides & Yasemin Konuralp



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Led by Simon Spencer, Ben Greenaway, Yiannis Christofides & Yasemin Konuralp

Day 1

Despite the long overnight flights to Erzurum the group were very keen to spend some time in the

field. We opted to stay local for our first day to allow everyone to refresh and ease into the holiday. Thankfully, the slope above our first hotel in Palandoken did not disappoint in terms of butterflies. Several fritillaries were flying, including Cardinal and Niobe as well as Marbled and Twin-spot. We also had our first sighting of Aedon Blue, a common species in Turkey. We retired for the day with a relatively easy tally of 49 species under our belts despite the slower pace and limited area covered, excited at what the rest of our holiday might bring.



Day 2

The next morning we set off early on the long journey into the Kaçkars, aiming to stop along the way at some favourite sites. The first stop was near a river and produced a good range of butterflies even though we did not see some species that had been there in previous years. Adrian had a brief view of Ionian Emperor and Esper's Marbled White was on the wing. There was Amasian Satyr and a grayling that proved to be Lydian Tawny Rockbrown. Both Swallowtail and Scarce Swallowtail were present and Southern Small White as well as Small White. Dingy skipper and the ubiquitous Small Skipper and Large Skipper were also flying. Southern White Admiral was seen along with Great Banded Grayling and Syrian Rock Grayling. Blue Spot Hairstreak made its only appearance on the trip whereas for Ilex Hairstreak this was the first of many sightings.



We made a lunch stop at Tortum waterfall which had the advantage of wonderful Turkish tea and seats. The waterfall was impressive but the butterflies perhaps less so. We did see the usual suspects and add the diminutive Grass Jewel to the list, in what would transpire to be our only sighting of this species for the trip. We also saw our first Anomalous Blue. This difficult group of butterflies, some with brown and some with blue uppersides, often with a white stripe on the hindwing, is well represented in Turkey. They are notoriously difficult to separate and though some are widespread others have a very restricted range.

Further on, we paused in Yusefeli for petrol and supplies. This town will disappear when the Coruh dam is finished and the valley will be flooded.

There was also a roadside stop for blues on the way to Yaylarlar. This turned up a number of

skippers including Marbled Skipper, Large Grizzled Skipper and Hungarian Skipper. The Persian Skipper was observed and identified by its pale leading edge to the forewing. Pyrgus and similar skippers are relatively easy in Turkey compared to the Alps with few representatives.

The blues on the other hand have over 100 species and can be challenging. Anatolian Zephyr, Holly, Short-tailed, Silver-studded, Idas, Mazarine, Common, Amanda's and Eros Blue were present along with Blue Argus and the huge Aedon Blue. Most of these were subsequently present at mud-





puddling spots during the rest of the trip. We also had our first Chelmos Blue which also occurs in Greece only on Mount Chelmos, after which it is named, but is widespread in Turkey. Ben, one of the guides familiar with the Kaçkars proved brilliant at identifying blues. It is a tricky subject requiring good eyesight and patience.

We eventually arrived at our hotel in Olgunlar and were treated to a fine supper largely made from local produce.

Day 3

The next morning the group split into two groups. Simon and Yasemin stayed locally while Yiannis and Ben took a group on a long walk to higher altitude and managed to observe and photograph several high altitude species including Caucasian Fritillary, that replaces Shepherd's Fritillary in Turkey and Hewitson's Ringlet which is unique in having three white apical ocelli linked in small dark patch.

The local group recorded a great number of species in this paradise for butterflies including Marsh Fritillary, False Heath Fritillary, Russian Heath and Lederer's Heath. There were many mud-puddling blues including Osiris, Short-tailed, Alcon and Green Underside Blue, Blue Argus, Amanda's Blue, the large Aedon Blue, Eros Blue, Chelmos Blue, Ripart's Anomalous Blue and others.

Simon noted that it was good to see that Olgunlar had not changed much since his first visit to Kaçkar in 2008. There were more tourists and a few more

buildings but the basic agricultural system had not changed. Simon remembers women cutting hay with sickles and now there were men using scythes - that is progress! There were no tractors working the fields, and there were still horses and mules carrying tourists' baggage to the camps higher up. We were fed every morning on bread and delicious local butter and home made jams

Fritillaries

© André H

made from wild fruit. The villages have lots of bee hives protected from bears by electric fences. These produce fantastic honey from the flower rich meadows and this was also on the breakfast menu. They keep cattle and come up to the summer pastures to graze, making use of the abundant grass although he suspects that now there are fewer families dependent entirely on agriculture and fewer cattle. There was still snow higher up and for about six months of the year there is snow on the ground.

Lederer's Heath © David

The butterflies don't seem to mind and the profusion both in numbers and range of species is a shock for anyone used to UK livestock farms. There were fresh Marsh Fritillaries every few yards, while more worn Glanville

moved ahead of you along the track. Dark Green Fritillary, Heath Fritillary, Pearl-bordered Fritillary, Twin-Spot Fritillary, Heath Fritillary, False Heath Fritillary and Niobe Fritillary were amongst the more familiar species seen, but Caucasian Spotted Fritillary was new to most of us and distinguishable from Spotted Fritillary that also was flying. The variety and colour of the plants is amazing too.





Day 4

The next day, which was initially cloudy, allowed the ones that had been up the mountain the day before to catch up. There was a Balkan Copper seen and we finally managed to find a Southern Small White on a wet patch on the mountain path. Here we had Green Veined White as well as Mountain Green Veined White and the more common Small White. The Aegean Skipper, that replaces Grizzled in Turkey wad also mud puddling and a fresh Yellowbanded Skipper was photographed by several members of our group.

In the afternoon we took a short trip down in the bus and found Powdered Brimstone, Eastern Orange Tip and Small Bath White. The latter on the roadside was particularly amenable to photography.

Day 5

We moved the following day to a hotel in Barhal stopping on the way at some flowering Hemp Agrimony on the roadside for an orgy of Hairstreaks. In addition to the ubiquitous Ilex we had White Letter, Purple and Sloe Hairstreaks all on the white flowers. We also had our first Silver-washed and High Brown Fritillaries.

We did some stops in the Onbolat Deresi valley and walked down the valley. Butterflies were abundant but there were few new species.



Day 6

Our outings on this day were primarily looking for the elusive Ionian Emperor, a species recorded on previous trips. We made several stops along a river east of Barhal into the mountains and André had a brief sighting but sadly nobody got any photographs. However, we did have Eastern Orange Tip, Brimstone, Large Blue and Long-tailed Blue to add to our list.

Day 7

The group were offered a trip by one of the hotel owners' family to visit a place to see bears some way from Barhal. Some chose to go and, leaving at 3.30 and following a fairly lengthy drive, they were rewarded by a distant view of a bear with three cubs. The driver had a powerful 4x4 but some of the tracks were blocked by landslides. They got back at breakfast time. That day we explored the upper reaches of our valley again looking for Ionian Emperor. Few new species were seen.



Day 8

For our last day we had a five hour drive back to Erzurum and the group elected to leave early so that there could be more stops for butterflies on the way. A comfort stop by the road in the Coruh gorge added Little Tiger Blue on the Christ's Thorn and White Bordered Grayling. André was the only one to see and photograph the Fiery Copper at the next site but we also added both Orange Hermit and Hermit as well Anatolian Tawny Rock Brown.

We re-visited the river site that had been fruitful on our way up but failed to add many species though

several saw and photographed a Lesser Fiery Copper.

For lunch we visited a village in the hills about 40km from Erzerum. This was particularly productive with Loew's Blue being added just as we got out of the bus. Yasemin and Rafik, our driver,

produced their usual delicious lunch with some sweet local apricots for desert. There were some convenient hay bales in the shade to sit on. Moving through the village, a wet area provided some of the highlights of the trip - Odd Spot Blue with its strange displaced spot on the underside and a very friendly Yellow-legged Tortoiseshell that perched on Bob's hat and was even carried down for others to see. This site also had Eastern Brown Argus, another species that is only just found in Europe. The usual suspects amongst the Blues were there in profusion and 20 species could be seen in the same place.

In all we had provisionally noted over 140 species for the week. This is better than you would get in Europe. In addition to many species common in Europe there were the additional Turkish species. The Kaçkars is a paradise for butterflies. It is also a glimpse back in time to the 19th century rather than the 20th. Though Erzerum is a modern city complete with airport, good roads, shopping malls and universities, the countryside not far away still continues its traditional way of life. Few people realise that low intensity agriculture with its hay meadows and flower-rich hillsides is such a haven for butterflies. Long may that paradox continue.







Systematic Species Checklists

Ima	Butterflies Imago sightings are marked with a √, caterpillars are marked with a ☆		11th July day 1	12th July day 2	_	14th July day 4	15th July day 5	16th July day 6	17th July day 7	18th July day 8
	Family Papilionidae									
1	Swallowtail	Papilio machaon		✓	✓	✓	✓	✓	✓	✓
2	Scarce Swallowtail	Iphiclides podalirius		✓		✓	✓	✓	✓	✓
3	Apollo	Parnassius apollo	✓		✓	✓	✓	✓	✓	
	Family Pieridae									
4	Eastern Orange Tip	Anthocharis damone				✓		✓		
5	Black-veined White	Aporia crataegi	✓	✓	✓	✓	✓	✓	✓	✓
6	Berger's Clouded Yellow	Colias alfacariensis	✓		✓	✓		✓		✓
7	Anatolian Clouded Yellow	Colias aurorinia					✓			

Ima		terflies a √, caterpillars are marked with a ☆	11th July day 1	12th July day 2	13th July day 3	14th July day 4	15th July day 5	16th July day 6	17th July day 7	18th July day 8
8	Clouded Yellow	Colias crocea	√	√	√	✓	✓	√	√	√
9	Powdered Brimstone	Gonepteryx farinosa				✓				
10	Brimstone	Gonepteryx rhamni					✓	✓	√	√
11	Wood White	Leptidea sinapis					✓	✓	✓	
12	Large White	Pieris brassicae	√				√	✓	√	
13	Mountain Green-veined White	Pieris bryoniae			✓	✓				
14	Mountain Small White	Pieris ergane			✓					✓
15	Southern Small White	Pieris mannii		✓		✓	✓	✓	✓	
16	Green-veined White	Pieris napi				✓	✓	✓	✓	
17	Small White	Pieris rapae	✓	✓	✓	✓	✓	✓	✓	✓
18	Small Bath White	Pontia chloridice				✓				
19	Eastern Bath White	Pontia edusa	✓	✓	✓	✓	✓	✓	✓	✓
	Family Lycaenidae									
20	Green Hairstreak	Callophrys rubi			✓			✓	✓	
21	Purple Hairstreak	Favonius quercus					✓	✓	✓	
22	Gerhardt's Black Hairstreak	Satyrium abdominalis	✓							
23	Sloe Hairstreak	Satyrium acaciae			✓	✓	✓		✓	
24	Ilex Hairstreak	Satyrium ilicis		✓			✓	✓	✓	
25	Blue-spot Hairstreak	Satyrium spini		✓						
26	White-letter Hairstreak	Satyrium w-album					✓		✓	
27	Purple-shot Copper	Lycaena alciphron	✓	✓	✓	✓	✓	✓	✓	✓
28	Balkan Copper	Lycaena candens			✓					
29	Small Copper	Lycaena phlaeas	✓	✓			✓	✓	✓	✓
30	Lesser Fiery Copper	Lycaena thersamon		✓						✓
31	Fiery Copper	Lycaena thetis								✓
32	Sooty Copper	Lycaena tityrus					✓	✓	✓	
33	Scarce Copper	Lycaena virgaureae	✓		✓		✓	✓	✓	
38	Brown Argus	Aricia agestis		✓	✓	✓		✓	✓	✓
39	Northern Brown Argus	Aricia artaxerxes			✓			✓		
40	Blue Argus	Aricia anteros		✓	✓	✓	✓		✓	
41	Eastern Brown Argus	Aricia eurypilus								✓
42	Holly Blue	Celastrina argiolus		✓	✓		✓	✓	✓	✓
43	Short-tailed Blue	Cupido argiades		✓	✓	✓		✓		
44	Small Blue	Cupido minimus	√							

Butterflies			11th July	12th July	13th July	14th July	15th July	16th July	17th July	18th July
Imag	go sightings are marked with	a ✓, caterpillars are marked with a ☆	day 1	day 2	day 3	day 4	day 5	day 6	day 7	day 8
45	Osiris Blue	Cupido osiris	✓		✓	✓				✓
46	Mazarine Blue	Cyaniris semiargus	✓	✓	✓	✓	✓	✓	✓	✓
47	Loew's Blue	Euphilotes loewii								✓
48	Grass Jewel	Freyeria trochylus		✓						
49	Green-underside Blue	Glaucopsyche alexis			✓					✓
50	Long-tailed Blue	Lampides boeticus	✓					✓		
51	Adonis Blue	Lysandra bellargus	✓		✓					
52	Large Blue	Phengaris arion						✓		
53	Alcon Blue	Phengaris alcon			✓					
54	Silver-studded Blue	Plebejus argus		✓	✓	✓	✓	✓	✓	✓
55	Reverdin's Blue	Plebejus argyrognomon								✓
56	Geranium Argus	Plebejus eumedon			✓					
57	Idas Blue	Plebejus idas	√	✓	✓	√			✓	✓
58	Anatolian Zephyr Blue	Plebejus modicus		✓	✓	√	✓	✓		✓
59	Gavarnie Blue	Plebejus pyrenaicus			√					
60	Anomalous Blue	Polyommatus admetus		✓						
61	Aedon Blue	Polyommatus aedon	√	✓	✓	√		✓	✓	✓
62	Amanda's Blue	Polyommatus amandus		✓	✓	✓	✓	✓	✓	✓
63	Pontic Blue	Polyommatus coelestinus	√			✓				
64	False Chalkhill Blue	Polyommatus corydonius caucasicus	√					✓		✓
65	Damon Blue	Polyommatus damon				✓		✓		
66	Meleager's Blue	Polyommatus daphnis		✓		✓		✓	✓	✓
67	Turquoise Blue	Polyommatus dorylas armenus			✓	✓			✓	✓
68	Eros Blue	Polyommatus eros yildizae		✓	✓	✓	✓	✓	✓	
69	Common Blue	Polyommatus icarus	√	✓	✓	✓	✓	✓	✓	✓
70	Chelmos Blue	Polyommatus iphigenia		✓	✓	✓	✓	✓	✓	
71	Poseidon Blue	Polyommatus poseidon			✓					
72	Ripart's Anomalous Blue	Polyommatus ripartii			✓	✓				
73	Chapman's Blue	Polyommatus thersites	√			✓				
74	Eastern Baton Blue	Pseudophilotes vicrama						✓		✓
75	Little Tiger Blue	Tarucus balkanicus								✓
76	Odd-spot Blue	Turanana endymion								✓
	Family Nymphalidae	\								
77	Nettle Tree Butterfly	Libythea celtis					✓			
78	Small Tortoiseshell	Aglais urticae	✓	✓	1	✓	✓	✓	✓	√

Imag		terflies a √, caterpillars are marked with a ☆	11th July day 1	12th July day 2	13th July day 3	14th July day 4	15th July day 5	16th July day 6	17th July day 7	18th July day 8
79	Southern White Admiral	Limenitis reducta		✓		√	✓	✓	✓	√
80	Camberwell Beauty	Nymphalis antiopa					√			
81	Large Tortoiseshell	Nymphalis polychloros	✓							
82	Yellow-legged Tortoiseshell	Nymphalis xanthomelas								√
83	Comma	Polygonia c-album				✓	✓	✓	√	
84	Southern Comma	Polygona egea						✓		√
85	Ionian Emperor	Thaleropis ionia		✓				✓		√
86	Red Admiral	Vanessa atalanta			✓		✓	✓	√	
87	Painted Lady	Vanessa cardui	✓	✓	✓	✓	✓	✓	√	√
88	Cardinal	Argynnis pandora	✓						√	√
89	Silver-washed Fritillary	Argynnis paphia					✓	✓	✓	
90	Marbled Fritillary	Brenthis daphne	✓				✓	✓	✓	✓
91	Twin-spot Fritillary	Brenthis hecate	✓		✓	✓	✓	✓		
92	Lesser Marbled Fritillary	Brenthis ino	✓							
93	Caucasian Fritillary	Boloria caucasica			✓					
94	Pearl-bordered Fritillary	Boloria euphrosyne			✓		✓	✓	✓	
95	Marsh Fritillary	Euphedryas aurinia		✓	✓	✓	✓		✓	
96	High Brown Fritillary	Fabriciana adippe				✓	✓		✓	✓
97	Niobe Fritillary	Fabriciana niobe	✓	✓	✓		✓	✓	✓	
98	Queen of Spain Fritillary	Issoria lathonia	✓	✓	✓	✓	✓	✓	✓	✓
99	Heath Fritillary	Melitaea athalia	✓	✓	✓	✓	✓		✓	✓
100	Glanville Fritillary	Melitaea cinxia	✓	✓	✓	✓	✓		✓	✓
101	False Heath Fritillary	Melitaea diamina		✓	✓		✓	✓	✓	
102	Spotted Fritillary	Melitaea didyma	✓		✓					
103	Caucasian Spotted Fritillary	Melitaea interrupta		✓	✓			✓	✓	
104	Lesser Spotted Fritillary	Melitaea trivia	✓			✓			✓	
105	Dark Green Fritillary	Speyeria aglaja			✓	✓	✓	✓	✓	✓
106	Marbled White	Melanargia galathea satnia						✓	✓	✓
107	Balkan Marbled White	Melanargia larissa noacki		✓	✓					
108	Esper's Marbled White	Melanargia russiae	✓	✓						✓
109	Great Banded Grayling	Brintesia circe		✓				✓	✓	✓
110	Orange Hermit	Chazara bischoffii								✓
111	The Hermit	Chazara briseis								✓
112	Freyer's Grayling	Hipparchia fatua		√						

	But	terflies	11th July	12th July	13th July	14th July	15th July	16th July	17th July	18th July
Imag	go sightings are marked with a	a ✓, caterpillars are marked with a ☆	day 1	day 2	day 3	day 4	day 5	day 6	day 7	day 8
113	White-bordered Grayling	Hipparchia parisatis								✓
114	Anatolian Grayling	Hipparchia pellucida pellucida					✓			
115	Eastern Rock Grayling	Hipparchia syriaca		✓		✓	✓	✓	✓	✓
116	Freyer's Tawny Rockbrown	Pseudocharaza beroe	✓							
117	Lydian Tawny Rockbrown	Pseudocharaza lydia	✓							✓
118	Anatolian Tawny Rockbrown	Pseudocharaza mamurra		✓						✓
119	Amasian Satyr	Satyrus amasinus		✓						✓
120	Great Sooty Satyr	Satyrs ferula		✓						
121	Scotch Argus	Erebia aethiops melusina			✓	✓	✓	✓	✓	
122	Hewitson's Ringlet	Erebia hewitsonii			✓					
123	Woodland Ringlet	Erebia medusa	✓		✓	✓	✓			
124	Dusky Meadow Brown	Hyponephele lycaon			✓		✓			
125	Meadow Brown	Maniola jurtina		✓		✓		✓	✓	✓
126	Russian Heath	Coenonympha leander	✓	✓	✓					
127	Small Heath	Coenonympha pamphilus	✓	✓						✓
128	Lederer's Heath	Coenonympha symphyta			✓				✓	
129	Speckled Wood	Pararge aegeria		✓			✓		✓	
130	Large Wall Brown	Lasiommata maera			✓		✓		✓	✓
131	Wall Brown	Lasiommata megera	✓	✓			✓		✓	
	Family Hesperiidae									
132	Mallow Skipper	Carcharodus alcaea		✓	✓	✓	✓			
133	Tufted Marbled Skipper	Carcharodus flocciferus				✓	✓			
134	Marbled Skipper	Carcharodus lavatherae		✓	✓	✓	✓	✓	✓	✓
135	Dingy Skipper	Erynnis tages	✓	✓	✓	✓	✓	✓	✓	
136	Large Skipper	Ochlodes sylvanus	✓	✓	✓	✓	✓	✓	✓	
137	Large Grizzled Skipper	Pyrgus alveus		✓	✓	✓	✓		✓	✓
138	Aegean Skipper	Pyrgus melotis				✓		✓	✓	
139	Olive Skipper	Pyrgus serratulae	✓						✓	
140	Yellow-banded Skipper	Pyrgus sidae	✓		✓	✓				
141	Hungarian Skipper	Spialia orbifer	✓	✓	✓	✓	✓	✓	✓	
142	Persian Skipper	Spialia phlomidis		✓				✓		✓
143	Essex Skipper	Thymelicus lineola	✓	✓	✓	✓		✓	✓	
144	Small Skipper	Thymelicus sylvestris	✓	✓	✓	✓	✓	✓	✓	✓

Photo Gallery

































































































