

Hatay to Cappadocia

Flowers, Birds & Ancient Sites of Turkey

A Greentours Trip Report

12th to 23rd May 2012

Led by Seda Soylu and Phil Benstead

The following report is from the itinerary we did in 2012. The 2013 tour differs in that instead of visiting the Hatay region in 2013 we'll be starting the tour in Konya and Kulu Golu in the centre of Anatolia and the rest of the tour will be done in reverse of the 2012 order. So the most relevant days are days 5-12 in this report, and these correspond to days 4-11 (but in reverse order!) in the 2013 itinerary.

Daily report written by Phil Benstead and Seda Soylu

Day 1 Saturday 12th May arrival

We all converged on the airport at Istanbul by different routes, negotiating the visa buying process and the march across to the domestic terminal. The deciding game between Galatasaray and Fenerbahçe in the Turkish Championship took place in Istanbul during the evening and even the airport departure area was caught up in the excitement. Very atmospheric. We eventually all met up at the gate for our late night onward flight and then dozed through the short journey to Hatay and were soon being met by a smiling Seda and whisked off in the minibus to the hotel.

Day 2 Sunday 13th May the road to Yayladağı

A leisurely start to the day was required this morning after the late (early?) arrival at the hotel last night. Breakfasted we headed for the van and drove south towards Syria on the road to Yayladağı. Our first stop just above town in a mix of maquis and weedy cultivation was very productive. Bird activity was still apparent despite the late hour and Phil and Peter enjoyed views of masked shrikes and suffered all the usual disappointments whilst trying to see a singing olivaceous warbler. Other nice records included Sardinian warbler, turtle dove and black-headed bunting. Four black storks migrated north overhead at one point. Seda found a nice Balkan green lizard for us, panicking up an olive tree it thrashed around a bit before plucking up the courage to leap down to its bolt-hole. Also here we had our first snake-eyed lizards and starred agamas. Phil was lucky enough to spot a fleeing Persian squirrel. The botanists wandered slowly around as they do

and seemed pleased to find several *Ophrys episcopalis* (they did look nice), *Orchis coriophora*, *Legousia speculum-veneris*, *Helichrysum sanguineum*, *Linum pubescens* and a *Gladiolus* species.. Corn buntings jangled all around us as we headed further south.

Our next stop was not nearly as successful, over-grazing was doubtless to blame for the low interest on the botanical front and we quickly moved on, but not before Peter had secured an ilex hairstreak and Phil had picked up a spur-thighed tortoise with bladder-control issues. Driving from here we stopped quickly to look at a flowering *Acanthus dioscoridis*.

It was all-too-soon time for lunch and we found a shady spot, laid out a picnic and got stuck in. Nearby Peter found a nice photogenic nine-spotted moth (*Amata phegea*) and Phil had our first migrating honey buzzard. Ruth found us a nice group of parasitic *Cytinius hypocistis* under the *Cistus*, both *Cistus creticus* and *Cistus salvifolius*.

We searched the ground layer of some pine woodland next, picking up many violet limodore spikes in seed, finding just one still in flower. Also here was *Platanthera chlorantha*, *Limodorum abortivum* and a small stream produced the first dragonflies of the trip; a single *Caliaeschna microstigma* and a few rather more prosaic *Ischnura elegans*. Serins sang nearby and a Turkish coffee stop further down the road in a picnic area provided chaffinch and gold finch for the list. A search here under the canopy failed to turn up any more new orchids, except just one *Epipactis helleborine* nearly in bloom.

Turning north again we investigated a reservoir at Görentaş near the Syrian border. Not a sniff of any waterfowl here but it being Sunday the site was being heavily used by fisherman, hunters and army patrols. We looked at the Levantine frogs, found many more *Ischnura elegans* (but amazingly no other Odonata), a few orange blister beetles (an unidentified *Actenodia* sp.) and *Onopordum carduchorum* dominated the flora with its intense pinkish flowers then, feeling rather tired, we headed for the hotel.

Dinner was taken at a busy restaurant nearby and then we all headed for some much-needed sleep.

Day 3 Monday 14th May Gölbaşı and Belen Pass

It rained hard during the night and we woke to persistent light rain that was to accompany us into the mid-morning. No hurry required getting to high ground this morning, instead we went to Gölbaşı – a small and well-vegetated impounded wetland delightfully situated at the foot of a range of low hills. Birds were not obvious on the wetland but we enjoyed excellent views of several little bitterns and whiskered terns hawked out over the lake.

Despite the light rain and overcast conditions there were plenty of dragonflies to keep Phil and Peter happy. The best of the bunch were numerous *Platycnemis dealbata* and *Coenagrion syriacum*, and a single male *Brachythemis fuscopalliata*. These three species are real south-east Turkey specialities. We also enjoyed looking at *Erythromma viridulum* and *lindenii*, numerous *Sympetrum striolatum* and the fabulous violet-coloured *Trithemis annulata*. Whilst examining the marginal vegetation we occasionally came upon little pockets of tree froglets. Zitting cisticolas zitted overhead and a white-throated kingfisher treated us to a flyby. Occasionally rufous bush-chats gave great views and reed and great reed warblers chuntered away. I think the botanistas, after

recording a variety of wetland species – the *Butomus umbellatus*, *Nuphar lutea*, *Iris pseudacorus*, *Nymphaea alba* and *Cappari spinosa* were certainly eye-catching – tolerated our entomological interest but as the weather cleared up the Belen Pass looked more appealing and we dragged ourselves away from this pleasant site. As we drove out we found a single cattle egret standing on the water's edge and the farmland in the immediate surroundings produced a couple of active white stork nests.

Approaching the Belen Pass we looked up at a huge kettle of thermalling storks. Through the pass to Belen we searched for habitat on the eastern side of town, finding a gully that produced some nice birds (our first Rüppell's warblers and red-rumped swallows) and a recently emerged adult ascalaphid but it left the botanists wanting more. Over town Phil spotted a solitary little swift and a couple of migrating lesser spotted eagles. Whilst here we had lunch and then we took the radar road. This took us high above the pass and town and we could even look down onto Iskenderun and the Mediterranean (our only chance to see the sea on this trip!). *Helleborus vesicarius* were easily visible even from the vehicle while driving.

Up on the high ground as well as a decidedly chilly wind we found a few new birds including some beautiful black-eared wheatears, ortolan bunting and a few migrating steppe buzzards. All the limestone rocks here were covered with beautiful whitish *Erodium amanus* and blue *Viola crassifolia*.

Seda found a likely-looking spot on the way down and quickly found us *Cephalanthera damasonium* but the fritillaries were all finished flowering sadly. We checked out an icon carved into the rock close to St Peter's Church and also enjoyed views of a large, verrucose *Carabus* beetle and our only Cretzschmar's bunting. And then it was time for the hotel, another meal at the Anadolu and our first checklist session. Peter and Phil went through their haul of dragonfly photographs and the botanists worked away in the background.

Day 4 Tuesday 15th May Habiye, Antakya and Yesemek

More heavy rain overnight, which continued on in a desultory fashion until mid-morning. It did not affect our activities though. We were packed and ready to go nice and early and took the scenic route to St Peter's church, stopping at an overlook to admire a smoggy looking Antakya. The church was quickly appreciated, the *Hyoscyamus aureus*, *Teucrium sp.* and *Michauxia campanuloides* were the flowers hanging on the walls of the church and then we moved on to drop most of the team for a two-hour session in the city museum.

Peter joined Seda and Phil for a quick shopping spree and then a visit to the rather kitsch waterfall restaurant area situated in Habiye. We were hoping for another encounter with *Caliaeschna* but the overcast sky and light rain did not do us any favours on that front and we came away empty-handed apart from a nice bright male Syrian lizard and wren and spotted flycatcher for the bird list. The freshwater crabs here were very entertaining, Phil fished the first one out of its burrow with a piece of grass, but the larger individuals were fearless and photographs revealed them to be *Potamon potamios* and *Trifolium rhytidosemium*; *Adiantum capillus-veneris* and *Pteris vittata* were noticed by Seda.

Picking up the rest of the team from the museum we headed north on the road to 'Maraş'. After about an hour we started looking for a place to eat and settled on a jumble of rocks by the road! It

was lightly populated by starred agamas and a nice male woodchat shrike sang for us whilst we got the lunch laid out. The sun was out but a strong wind made this particular picnic more challenging than usual. Pretty soon we were on our way though and heading for the open-air museum at Yesemek, passing a great looking set of shallow wetlands en route. Peter and Phil were overjoyed to discover a small stream running past the carpark. Whilst the others got embroiled in outdoor Hittite artefacts yet more new Odonata were examined and added to the triplist. First up was the delightful *Epallage fatime* in good numbers, and then wonder of wonders a steady stream of *Platycnemis kervillei*. Also new for us but much more familiar was *Calopteryx splendens*. It all came at a terrible price though when we flushed a teneral gomphid that launched into the wind and was blown clean out of Turkey. We could have been contenders. Despite this setback it was a blissful forty minutes. The museum crew seemed happy too when we got back to them and we continued on to our next hotel. En route we spotted bee-eaters, great egrets and a bunch of coot in various quarries and roadside wetlands and before we knew it we had arrived at the comfortable Saffron Hotel.

Day 5 Wednesday 16th May Ahır Dağı and the Püren Pass

Phil and Seda were up early for a pre-breakfast recce of the nearby Ahır Dağı with the capable Hassan at the wheel. We found a way up to the magnificent flowering *Iris kirkwoodi*. Birds were obvious on the high tops at this hour and we spotted a few good things as we dashed around including a couple of rock sparrows and a singing male Kurdish wheatear.

After breakfast we re-traced the journey with the group, typically finding much better irises lower down and with a strong supporting cast of other flora too including *Ixolirion tataricum*, *Gundelia tournefortii*, *Salvia multicaulis*, *Salvia cryptantha*, *Ornithogalum oligophyllum*, *Nonea stenoselon*, *Veronica macrostachya*, *Jasminum fruticans* and *Lathyrus roseus*. Phil and Peter kept at it on the 'flying things' and enjoyed views of birds such as short-toed eagle, Eastern orphean warbler, migrating (?) bee-eaters and a noisy rock nuthatch, also a few new butterflies including the well-named inky skipper. We headed off towards the Püren Pass, into the mountains. Stopping at a great site we slowly made our way up the side of the valley. Seda scampered off ahead, occasionally calling out plant names to tempt us onwards and upwards. A few flowering *Fritillaria amana* were a great treat and much-appreciated and there was plenty of other plants to keep the botanists happy on this first section such as *Tulipa armena*, *Scilla melaina*, *Corydalis erdelii*, *Corydalis wendelboi*, *Onosma albo-roseum*, *Hyacinthus orientalis*, *Aubretia canescens*, *Hesperis steveniana* and *Bellevalia gracilis*.

The birdlife was equally good and Peter and Phil slowly got the measure of the species present as they appeared and disappeared on top of trees and rocks. A male masked shrike sang lustily and showed well. Soon replaced though by the equally attractive male white-throated robin or black-eared wheatears. Ortolan buntings were common and serins sang from the the firs. Peter spotted a fine male blue rock thrush and Phil had the trip's first rock bunting. Crag martins zoomed just above our heads as we ate our picnic lunch.

Back up the slope after lunch, again Seda going on ahead; this time searching for *Fritillaria persica*. There was a lot of slope to cover and in the end we resorted to using a telescope and soon found a nice group high up along the banks of a small stream. It was hard work getting up to them but it was worth it, a great-looking plant. Dropping down to the road we were met by Hassan and dropped back down to 'Maraş', dinner and checklists.

Day 6 Thursday 17th May mountains en route to Sultan Marshes

We were out of the hotel and on our way back up the road to the Püren Pass by 0830 this morning with a big travel day ahead of us. We stopped a little further on in the Pass for a walk up to look at the flora. Seda walked up high trying to find *Fritillaria aurea* but they didn't show themselves so we made do with photographing *Tulips* and *Bellevallias*. It was still very birdy up on the Pass and we enjoyed the singing male white-throated robins and even had a few red-fronted serins flying about today. Phil saw our first Eastern steppe festoon, a stunning butterfly.

Seda nipped uphill and we soon got the call that she had located some hybrid fritillaries (*amana* x *acmopetala*). They were very nice and voted 'well-worth the effort'. Driving on we headed for our rendezvous with a Greentours private tour taking in the flora of the Anatolian diagonal. It was fun to catch up with Chris Gardner and meet some old friends from tours gone by. We met up at a pinewood site that was thinly covered in small, white *Muscari macbeathianum* also here we had a good show of *Orchis morio syriaca* and *Muscari armeniacum*.

After lunch we waved off Chris' team. Driving on we stopped first to examine some pine woodland. We failed to find *Cephalanthera kurdica* this year but did find *Dactylorhiza romana*, *Verbascum phoeniceum* and *Orchis mascula ssp. pinetorum*. In the woods Phil found our first mistle thrushes and also more excitingly had a brief view of a Krüper's nuthatch. We had a long way to go to our hotel but it was almost impossible not to stop, there was much to see by the roadside. Seda spotted *Iris sari* by the roadside on two occasions and we checked them out. Our first long-legged buzzard and booted eagle put in an appearance overhead. Vegetation along a small stream produced coal tit, nuthatch and a single chiffchaff. Peter found a nice woodlark perched up.

Our last stop before the final leg to the pansiyon was at a snow-melt patch that yielded a fine flurry of new plants including *Fritillaria pinardii*, a swarm of *Scillas*, *Colchicum szovitsii*, *Solenanthus stamineus* and a lovely *Corydalis erdelii*. Seda walked higher and found one of the subspecies of *Crocus biflorus*. Then we really had to drive, passing rollers and other birds before finally pulling into the hotel carpark on the edge of the magnificent Sultan Marshes. Night-herons, ferruginous duck and marsh harriers were in the air over the nearby reedbed and after dinner the din from the frogs was deafening. Phil went out for a look-see after dark, plenty of marsh and tree frogs and a single little owl were spotted.

Day 7 Friday 18th May Erciyes and Sultan Marshes

Phil, Peter and Ruth were up early for a wander around the hotel. The marsh produced a few new birds including squacco heron, wood sandpiper and some gorgeous black-winged stilts. The fields held lesser short-toed larks, calandra larks and many sousliks. In amongst the sousliks 'towns' were numerous families of isabelline wheatears. The young occasionally slipping back underground down a souslik hole. As the sun started to warm things up, a quick dash up the ditch before breakfast netted Phil a few *Sympecma fusca*, a very dark *Coenagrion pulchellum* and a large number of *Ischnura elegans*.

After breakfast we tackled the drive round to Erciyes, the huge extinct volcano that provides a stunning backdrop to the Sultan Marshes. The skiing centre at 2200 metres asl provided one of our cooler mornings and a ragged wind kept us moving. Walking up through the spiny *Astragalus* and along small streams we bumped into numerous long-legged frogs (*Rana macrocnemis*) and our first

water pipits and shorelarks. Peter and Phil hunted for Radde's accentor but failed (perhaps tomorrow?). The botanists eventually gave up the attempt to get up to the snow patches likely to hold crocuses, they added some new plants to their lists near the vehicle; *Gagea glacialis*, *Colchicum szovitsii* and *Pulsatilla albana (armena)* and then we headed back to the hotel for a picnic.

After our lunch most of us headed down to the marsh and went for a punt ride through the marshes. On the outer fringe of shallow water we sailed through abundant flowering crowfoot and a few white water lilies and then plunged 'African Queen'-style into the reeds. The various small waterbodies we came across were rather quiet, although the largest area of water we encountered held a superb mixed-species flock of grebes; great crested, red-necked and black-necked. From the reeds we could hear little grebes as well. Dragonflies were few and far between but we bumped into several lesser emperors (*Anax parthenope*) as we punted slowly along. Several grass snakes and a few dice snakes swam past the lucky lead boat.

At the halfway point of the trip we jumped out of the boats and went for a walk on an island. From here we saw some great birds. Our first black-headed wagtails appeared. Collared pratincoles called overhead. Both black and white storks were out in the marsh and the boatman found us two skulking red-crested pochard. The highlight came though in the form of a splendid great spotted cuckoo which landed in front of us. Booting about in the dry vegetation produced many more dragonflies than the boat ride. We found our first *Crocothemis* and *Libellula quadrimaculata* and wading about produced a few more *Coenagrion pulchellum*. Calandra larks were obvious flying about and two ruff appeared on a nearby pool. Eventually it was time to drag ourselves away though and we punted slowly back through the reedy channels serenaded by *Acrocephalus* warblers.

Day 8 Saturday 19th May Ala Dağı and Derebağ waterfall

Robin elected to stay behind at the hotel today but the rest of us headed out for a day out in the Ala Dağı, the other large range of mountains visible from the marshes. We followed a mining track up into the mountains until it ended at an iron ore mine at 2600 metres asl. En route uphill Seda spotted some great plants including *Iris schachtii*, *Iris sari*, *Erodium abstinthoides* subspecies *abstinthoides*, and *Lathyrus pratensis*.

At the top Peter and Phil had hoped for an encounter with a Caspian snowcock, but although Phil spent a fair amount of time scoping the crags and slopes we failed in our quest both here and lower down. No sign of any ibex either. We did enjoy the birding up here though. Rock thrushes appeared. Pairs and occasional 'blizzards' of snowfinch kept us entertained but avoided the camera lens. Radde's accentors were singing despite the windy weather and we had one very close encounter with an excellent male. Hoopoes flopped about and a Scop's owl called from a tree somewhere above us. Seda found more good plants including fine *Aristolochia maurorum*, *Muscari neglectum*, *Muscari anatolica*, *Scilla sibirica*, *Primula auriculata* and *Astragalus chrisanthus*. Peter spotted a cracking pair of ring ouzel feeding by the road.

Dropping in altitude we sought a sheltered spot and picnicked inside the van during a light rain shower. Next stop was a busy (weekend and national holiday) waterfall site. Seda scampered about looking for plants and we took in the falls and its attendant grey wagtails. We had a pleasant walk back down the road parallel to the river. Butterflies were abundant here, mostly blues (including Anatolian green-underside blue), but also orangetip, red admiral, eastern festoon and

knapweed fritillary. A highlight (for Phil at least) was a freshly dead worm snake (*Typhlops vermicularis*). No-one else seemed to want to enjoy it through the hand-lens... The colourful frog hopper here was the widespread *Cercopis vulnerata*. Too soon it was time to head back to the hotel.

After a restorative beer, Peter and Phil checked the nearby ditch again for dragonflies. We had a great little session, seeing all the species it took us all day to find yesterday. We even added a new species when we came across a male emperor dragonfly, that caught a *Crocothemis* in front of us and then perched in some nearby reeds to eat it. A nice end to the day.

Day 9 Sunday 20th May to Göreme

The morning wanderings before we left the marshes produced a single penduline tit and our first view of a Syrian woodpecker for Phil. Driving off we spent a little time looking at some alkaline flats north of the marshes hoping for a greater sand plover sighting and then headed off into the hills. Little owls perched up on cemetery walls and we stopped to enjoy a pair of Finsch's wheatears before turning back to the main road.

The drive over the low Topuzdağı pass was through rather dry terrain devoid of obvious botanical interest and before we knew it were in the heart of the weird terrain of this part of Cappadocia. We stopped at Ürgüp en route, walking up to a touristy viewpoint. Alpine swifts flew overhead and we admired the view over the town. Moving onwards we soon started to appreciate the landscape; tall conical 'fairy chimneys' or hoodoos dominated some areas.

Göreme proved to be a small town bustling with tourist activity, nearly every building having been appropriated for tourism in some way! Our hotel was charming, hacked into the soft tuff, each room a troglodytes paradise. We met up with Atı l just before lunch and he took us to a great restaurant which served up a continuous stream of various (mostly vegetarian) dishes until we were full!

Atı l then took us on a 3 km walk through the hoodoos to our first rock church. A nearby shop sold us freshly squeezed orange juice. As we walked we bumped into various plants and animals. Seda pointed out some nice steppe flowers during the walk; *Moltkia corulea*, *Hypocoum pseudograndiflorum*, *Roemeria hybrida*, *Wiedemannia orientalis*, *Centaurea depressa*, *Cerinth minor*, *Crambe orientalis*, *Astragalus tigidus*, *Muscari comosum*, *Muscari tenuiflorum* and a beautiful *Orobanche anatolica*. Birds included rock bunting and nightingale. Phil found a mantis nymph and butterflies included our first Turkish fiery copper and brown argus and we perhaps would have had more but for the overcast conditions and spattering of light rain. After our walk we checked the Kizirmilak river near Avanos, but sites that had looked good on satellite maps had been drastically altered by the recent damming of the river and by increased extraction of clay allowed by the lower water table. Peter and Phil dashed around a nearby clay pit turning up a few *Sympecma fusca* and our only little tern of the trip. In the evening we took dinner in a restaurant in town and then headed back to our cave.

Day 10 Monday 21st May the big loop to Melendiz

A lot of driving today but this worked out for the good as the weather suddenly deteriorated and we experienced a fair amount of rain and even hail at times. Atı l took us first to the impressive caravanserai of Ağzı karahan. It was cool up here and the first hints of the rain we were to experience for most of the rest of the day became apparent. Phil and Peter enjoyed good views of rock sparrow nest-building in the ruins. A Cetti's warbler sang from a nearby ditch. Phil turned a few ancient-looking rocks and found our only green toad (*Bufo viridis*) of the trip. The rookery here was a pleasant reminder of home for some of us.

Driving on we negotiated some road works to find the right road up to an *Iris sprengeri* site. Sadly this year we could only find two or three specimens and these were past their best. We took lunch on the flanks of a hillside overlooked by the two volcanos (Hasan and Melendiz) that mark one of the boundaries of Cappadocia. Short-toed larks and calandra larks were evident here. Some nice flowers we noticed like *Acanthus hirsutus* and *Scutellaria orientalis*. Moving on we took the van up a dirt road leading onto the slopes of Melendiz. On the way we stopped for a new muscari, *Muscari latifolia*. Seda led the way as usual and Ruth and Roger walked high up to the snow patches to join her. Here they found *Crocus chrysanthus*. Ruth and Peter potted about lower down and Phil searched through the shorelarks, ortolan buntings and northern wheatears, eventually turning up the only chukars seen during the tour. Ruth found us a tiny little viola, *Viola kitabeliana*.

Driving on we visited the Red Church and we also had a quick peek at the caldera lake en route home. The flanks of the volcano had a curious stunted oak forest formation on them. At Güzelyurt whilst visiting the old cave quarter and church/ mosque, we saw our first *samamiscus* redstart of the trip as well as another little owl and black redstart. A varied day in the field.

Day 11 Tuesday 22nd May Göreme area

Our day of culture arrived, but of course we found plenty to look at on the wildlife front, driving Atı l our guide to distraction at times! First up was a look at the ancient cave dwellings at Çavuş m. Phil and Peter did not get out of the car park before being distracted by a nearby alpine swift colony and I have no idea what went on here. We enjoyed the swift colony and Peter got some great images of these large swifts as they visited their nests and screamed overhead. On the other side of the gorge we could see Seda botanising away and we continued happily looking at birds. Rock sparrows and black redstarts were obvious here and our first black stork and Egyptian vulture of the day appeared.

Our first trek of the day took in Paş aba and Phil was pleased to finally see a Kayseri lizard (*Lacerta cappadocica*). Next our first outdoor museum of the day also appeared after some refreshing freshly-squeezed juice. The museum too provided some wildlife entertainment. The butterflies were good and we were pleased to add a Levantine vernal copper to our list. Blue argus' were common and we found our only Iolas blues of the trip huddled together on a damp wadi edge. Our only Glanville fritillary of the trip also appeared briefly on the path, as did our only eastern baton blue (a beautifully marked blue).

Shopping next, Atı l taking us to a ceramics centre in Avanos. Beautiful stuff on sale here and all displayed in a charming underground shop. Purchases made we moved on to lunch. Great restaurant and great food. Our last walk of the day took us through Meskendir, a deep narrow

gorge created by a small stream that was just running. Peter found a dead Dalmatian ringlet which was rather frustrating, no live ones could be found! Black storks and Egyptian vultures appeared in the air overhead again and the plants were good including *Onosma cappadocica*, *Astragalus odoratus* and *Onosma mirabilis*.

Close of play found us doing the main open-air museum in Göreme. We had time to look at the 'dark church' and another very impressive underground structure and then it was time to get back and have the last supper (pottery kebabs!).

Day 12 Wednesday 23rd May departure

Our last morning saw us packing up our equipment and heading for the nearby airport fairly early. We said our goodbyes to Seda and soon we were on our way to Istanbul. Peter and Ruth left the airport for a night in town before home and the rest of us headed off in different directions.

Systematic List Number 1 Birds

Loosely following the order and nomenclature of the 'Collin's' guide. Species in square brackets were heard only (or recorded by other means; feathers, signs etc).

[Little grebe]	<i>Tachybaptus ruficollis</i>	Heard only at Sultan Marshes.
Black-necked grebe	<i>Podiceps nigricollis</i>	Sultan Marshes.
Red-necked grebe	<i>Podiceps grisegena</i>	Sultan Marshes.
Great crested grebe	<i>Podiceps cristatus</i>	Sultan Marshes.
[Pygmy cormorant]	<i>Phalacrocorax pygmeus</i>	Feathers at Sultan Marshes...
Little bittern	<i>Ixobrychus minutus</i>	Excellent views of at least ten individuals at Gölbaşı.
Cattle egret	<i>Bubulcus ibis</i>	Single at Gölbaşı.
Night heron	<i>Nycticorax nycticorax</i>	Sultan Marshes.
Squacco heron	<i>Ardeola ralloides</i>	Sultan Marshes.
Little egret	<i>Egretta garzetta</i>	Sultan Marshes.
Great egret	<i>Egretta alba</i>	Several on the drive to 'Maraş from Yesemek. Also small numbers at Sultan Marshes.
Purple heron	<i>Ardea purpurea</i>	Sultan Marshes.
White stork	<i>Ciconia ciconia</i>	A few nesting in the environs of Gölbaşı. Thereafter seen in small numbers in suitable breeding habitat.
Black stork	<i>Ciconia nigra</i>	Four migrating north on the first day. One at the Sultan Marshes. A few around Göreme.
Spoonbill	<i>Platalea leucorodia</i>	Sultan Marshes (4).
Ruddy shelduck	<i>Tadorna ferruginea</i>	One going north through the Püren Pass.
Mallard	<i>Anas platyrhynchos</i>	A few at the Sultan Marshes.
Pochard	<i>Aythya ferina</i>	Sultan Marshes (1).
Ferruginous duck	<i>Aythya nyroca</i>	Sultan Marshes (10+).
Red-crested pochard	<i>Netta rufina</i>	Sultan Marshes (3).
Honey buzzard	<i>Pernis apivorus</i>	Amazingly just one on the first day.
Egyptian vulture	<i>Neophron percnopterus</i>	Our last day In Cappadocia netted us plenty of close views in flight.
Marsh harrier	<i>Circus aeruginosus</i>	Sultan Marshes.
Common buzzard	<i>Buteo buteo</i>	Single on first day. A few moving through the Belen Pass on our second day. Thereafter occasionally encountered.
Long-legged buzzard	<i>Buteo rufinus</i>	One en route to Develi. Several daily at Göreme.
Golden eagle	<i>Aquila chrysaetos</i>	Single seen perched at immense range in the Ala Dağı.
Lesser spotted eagle	<i>Aquila pomarina</i>	Two going through the Belen Pass. Another for Peter at the Ahir Dağı.
Booted eagle	<i>Aquila pennata</i>	One or two en route to Develi.
Short-toed eagle	<i>Circaetus gallicus</i>	Pair over the Ahir Dağı. Also one at the Sultan Marshes.
Common kestrel	<i>Falco tinnunculus</i>	Ala Dağı and Cappadocia.
Chukar	<i>Alectoris chukar</i>	Only seen at Melendiz (Cappadocia).
Moorhen	<i>Gallinula chloropus</i>	Gölbaşı
Coot	<i>Fulica atra</i>	Gölbaşı, good numbers on wetland near 'Maraş.
Black-winged stilt	<i>Himantopus himantopus</i>	Sultan Marshes.
Collared pratincole	<i>Glareola pratincola</i>	Sultan Marshes.
Lapwing	<i>Vanellus vanellus</i>	Sultan Marshes.

Wood sandpiper	<i>Tringa glareola</i>	Sultan Marshes.
Ruff	<i>Philomachus pugnax</i>	Sultan Marshes.
Yellow-legged gull	<i>Larus cachinnans</i>	Small numbers on the reservoir at 'Maraş.
Little tern	<i>Sterna albifrons</i>	One on the clay pits near Avanos.
Gull-billed tern	<i>Sterna nilotica</i>	Sultan Marshes.
Whiskered tern	<i>Chlidonias hybridus</i>	Small numbers at Gölbaşı.
Rock dove	<i>Columba livia</i>	Ubiquitous, most notably in the dovecotes of Göreme.
Turtle dove	<i>Streptopelia turtur</i>	Small numbers in hills above Antakya.
Collared dove	<i>Streptopelia decaocto</i>	On the high plateau country after the Püren Pass.
Laughing dove	<i>Streptopelia senegalensis</i>	widespread
[Cuckoo]	<i>Cuculus canorus</i>	Heard at the Püren Pass and en route to Develi.
Great spotted cuckoo	<i>Clamator glandarius</i>	One at the Sultan Marshes, a highlight of the trip.
Little owl	<i>Athene noctua</i>	Sultan Marshes.
[Scop's owl]	<i>Otus scops</i>	Heard in the Ala Dağı during the day.
Common swift	<i>Apus apus</i>	Widespread.
Alpine swift	<i>Apus melba</i>	Frequently encountered in Capodocia, the colony watched in the early morning at Çavuşin was special.
Little swift	<i>Apus affinis</i>	Just one over Belen.
European bee-eater	<i>Merops apiaster</i>	Pair near Yesemek. Small numbers thereafter.
Roller	<i>Coracias garrulus</i>	Single on first day and another near Develi.
Hoopoe	<i>Upupa epops</i>	A single near Yesemek was the first. Thereafter small numbers noted.
White-throated kingfisher	<i>Halcyon smyrnenensis</i>	One at Gölbaşı.
Syrian woodpecker	<i>Dendrocopus syriacus</i>	Heard at Ahir Dağı. Small numbers seen thereafter in Cappadocia.
Crested lark	<i>Galerida cristata</i>	Common.
Woodlark	<i>Lullula arborea</i>	Occasionally heard singing, one seen en route to Develi.
Short-toed lark	<i>Calandrella brachydactyla</i>	Sultan Marshes and near Melendiz.
Lesser short-toed lark	<i>Calandrella rufescens</i>	Sultan Marshes.
Calandra lark	<i>Melanocorypha calandra</i>	Sultan Marshes.
Shore lark	<i>Eremophila alpestris</i>	Erciyes and Ala Dağı.
Crag martin	<i>Ptyonoprogne rupestris</i>	Single above Belen. Small numbers over the Püren Pass.
Swallow	<i>Hirundo rustica</i>	Widespread.
Red-rumped swallow	<i>Hirundo daurica</i>	Widespread and locally common.
Sand martin	<i>Riparia riparia</i>	One near Gölbaşı. Common at Sultan Marshes.
House martin	<i>Delichon urbica</i>	Widespread.
Tawny pipit	<i>Anthus campestris</i>	Just one seen, quite high up in the Ala Dağı.
Water pipit	<i>Anthus spinoletta</i>	Erciyes.
Black-headed wagtail	<i>Motacilla flava</i>	Sultan Marshes.
White wagtail	<i>Motacilla alba</i>	Small numbers throughout.
Grey wagtail	<i>Motacilla cinerea</i>	A few along the stream below the waterfall below the Ala Dağı.
Wren	<i>Troglodytes troglodytes</i>	Single male at Habiye (Antakya).
Yellow-vented bulbul	<i>Pycnonotus xanthopygos</i>	Common in hills around Antakya.
Radde's accentor	<i>Prunella ocularis</i>	Quite common in the Ala Dağı, a few seen well.
Nightingale	<i>Luscinia megarhynchos</i>	Heard at the waterfall below the Ala Dağı. One heard and glimpsed on the first afternoon at Göreme.

Rufous bush-chat	<i>Cercotrichas galactotes</i>	Heard on first day. Several seen well at Gölbaşı.
White-throated robin	<i>Irania gutturalis</i>	Males watched singing at Ahir Dağı and Püren Pass.
Black redstart	<i>Phoenicurus ochuros</i>	Single female at Püren Pass. A male visiting a nest in the Ala Dağı. Common in Cappadocia.
Common redstart	<i>Phoenicurus phoenicurus</i>	A few in Cappadocia, the lovely samamiscus males being especially appreciated.
Northern wheatear	<i>Oenanthe oenanthe</i>	en route to Develi, Erciyes
Isabelline wheatear	<i>Oenanthe isabellina</i>	en route to Develi and common at Sultan Marshes
Black-eared wheatear	<i>Oenanthe hispanica</i>	Widespread and common.
Finsch's wheatear	<i>Oenanthe finschii</i>	A pair seen well in the low hills north of the Sultan Marshes.
Kurdish wheatear	<i>Oenanthe xanthopyrmyna</i>	Singing male high up in the Ahir Dağı in the early morning.
Rock thrush	<i>Monticola saxatilis</i>	Ala Dağı (3).
Blue rock thrush	<i>Monticola solitarius</i>	Male at the Püren Pass.
Mistle thrush	<i>Turdus viscivorus</i>	en route to Develi
Blackbird	<i>Turdus merula</i>	Scattered records.
Ring ouzel	<i>Turdus torquatus</i>	Pair in the Ala Dağı.
Zitting cisticola	<i>Cisticola juncidis</i>	Heard at Gölbaşı.
Cetti's warbler	<i>Cettia cetti</i>	Heard near Avanos and by the caravanserai in Cappadocia.
Eastern orphean warbler	<i>Sylvia crassirostris</i>	Single male at Ahir Dağı.
Lesser whitethroat	<i>Sylvia curruca</i>	Scattered records.
Whitethroat	<i>Sylvia communis</i>	Scattered records.
Sardinian warbler	<i>Sylvia melanocephala</i>	Common in the hills above Antakya.
Ruppell's warbler	<i>Sylvia ruepelli</i>	Above Belen.
Reed warber	<i>Acrocephalus scirpaceus</i>	Gölbaşı, Sultan Marshes
Sedge warbler	<i>Acrocephalus schoenobaenus</i>	Sultan Marshes.
Great reed warbler	<i>Acrocephalus arundinaceus</i>	Gölbaşı, Sultan Marshes and the clay pits near Avanos.
Moustached warbler	<i>Acrocephalus melanopogon</i>	Pair at Gölbaşı.
Olivaceous warbler	<i>Hippolais pallida</i>	Several singing males seen poorly on first day. Better views at the Püren Pass.
Chiffchaff	<i>Phylloscopus collybita</i>	Heard near Yayladağı and above Belen. One en route to Develi.
Spotted flycatcher	<i>Muscicapa striata</i>	Small numbers at Habiye.
Coal tit	<i>Parus ater</i>	Seen in small numbers en route to Develi.
Great tit	<i>Parus major</i>	Small numbers in the hills above Antakya.
Blue tit	<i>Parus caeruleus</i>	Some in Cappadocia.
Eurasian nuthatch	<i>Sitta europaea</i>	One en route to Develi.
Krüper's nuthatch	<i>Sitta krueperi</i>	One en route to Develi.
Western rock nuthatch	<i>Sitta neumayer</i>	Our first one was a male perched on a house in the Ahir Dağı. Also recorded in small numbers in Cappadocia.
Penduline tit	<i>Remiz pendulinus</i>	One seen well in the garden at the Sultan Marshes.
Golden oriole	<i>Oriolus oriolus</i>	Ahir Dağı (1) and Göreme (2). Others heard.

Red-backed shrike	<i>Lanius collurio</i>	Commonly recorded in suitable habitat.
Woodchat shrike	<i>Lanius senator</i>	Nice singing male at the lunchstop before Yesemek on Day 3. Small numbers noted in the Ahir Dağı.
Masked shrike	<i>Lanius nubicus</i>	Small numbers in the hills above Antakya, at the Püren Pass and en route to Develi.
Jay	<i>Garrulus glandarius</i>	Single on first day. Small numbers thereafter.
Magpie	<i>Pica pica</i>	Single in the Ahir Dağı. More common in the high plateau country after the Püren Pass.
Chough	<i>Pyrrhocorax pyrrhocorax</i>	Ala Dağı.
Alpine chough	<i>Pyrrhocorax graculus</i>	Ala Dağı.
Jackdaw	<i>Corvus monedula</i>	Istanbul.
Rook	<i>Corvus frugilegus</i>	Cappadocia.
Hooded crow	<i>Corvus corone</i>	Widespread.
Raven	<i>Corvus corax</i>	Just one seen whilst travelling.
Starling	<i>Sturnus vulgaris</i>	Istanbul airport and small numbers through the uplands.
House sparrow	<i>Passer domesticus</i>	Ubiquitous.
Spanish sparrow	<i>Passer hispanioliensis</i>	Peter had one male flying alongside the van en route to the Sultan Marshes.
Tree sparrow	<i>Passer montanus</i>	Göreme.
Rock sparrow	<i>Petronia petronia</i>	Pair at Ahir Dağı. Small numbers in the Ala Dağı. Common in Cappadocia.
Snow finch	<i>Montifringilla nivalis</i>	Ala Dağı.
Chaffinch	<i>Fringilla coelebs</i>	Widespread.
Serin	<i>Serinus serinus</i>	Heard at Yayladağı and Püren Pass.
Red-fronted serin	<i>Serinus pusillus</i>	Püren Pass and the Ala Dağı. Never seen well though.
Goldfinch	<i>Carduelis carduelis</i>	Widespread.
Greenfinch	<i>Carduelis chloris</i>	Widespread.
Linnet	<i>Carduelis cannabina</i>	Small numbers in the mountains.
Rock bunting	<i>Emberiza cia</i>	A few at Püren Pass.
Oortolan bunting	<i>Emberiza hortulana</i>	Seen along the Radar road above Belen. Common in the mountains.
Cretzschmar's bunting	<i>Emberiza caesia</i>	Just one seen around St Peter's church (Antakya).
Black-headed bunting	<i>Emberiza melanocephala</i>	First observed in the hills above Antakya and common in suitable habitat thereafter.
Corn bunting	<i>Miliaria calandra</i>	Widespread.

Systematic List Number 2 Odonata

Banded demoiselle	<i>Calopteryx splendens</i>	Three along along the stream at Yesemek.
Odalisque	<i>Epallage fatime</i>	Good numbers of males along the stream at Yesemek, a few females.
Ivory featherleg	<i>Platycnemis dealbata</i>	Good numbers at Gölbaşı.
Powdered featherleg	<i>Platycnemis kervillei</i>	Good numbers along the stream at Yesemek, including one or two mature males. A single female materialised later on Peter's memory card from Gölbaşı.
Small red-eye	<i>Erythromma viridulum</i>	Gölbaşı.
Blue-eye	<i>Erythromma lindeni</i>	A few at Gölbaşı.
Variable bluet	<i>Coenagrion pulchellum</i>	Small numbers at Sultan Marshes. An incredibly dark form occurring here.
Syrian bluet	<i>Coenagrion syriacum</i>	Good numbers around Gölbaşı.
Common winter damsel	<i>Sympetma fusca</i>	A few at the Sultan Marshes and at the clay pits near Avanos.
Common bluetail	<i>Ischnura elegans</i>	Widespread and commonly encountered.
Blue emperor	<i>Anax imperator</i>	One male watched catching and eating a <i>Crocothemis</i> at the Sultan Marshes.
Lesser emperor	<i>Anax parthenope</i>	Small numbers at Sultan Marshes.
Eastern spectre	<i>Caliaeschna microstigma</i>	One along the tiny stream near Yayladağı on the first day (PB only).
Four-spotted chaser	<i>Libellula quadrimaculata</i>	Small numbers at Sultan Marshes.
Broad scarlet	<i>Crocothemis erythraea</i>	Small numbers at Sultan Marshes.
Common darter	<i>Sympetrum striolatum</i>	Plenty of freshly emerged individuals at Gölbaşı.
Violet dropwing	<i>Trithemis annulata</i>	A few at Gölbaşı.
Dark-winged groundling	<i>Brachythemis fuscopalliata</i>	Just one male at Gölbaşı.

Systematic List Number 3

Amphibians & Reptiles

Green toad	<i>Bufo viridis</i>	One at the caravanserai in Cappadocia.
Levantine frog	<i>Rana bedriagae</i>	Seen in large numbers around the 'border' reservoir on the first day.
Marsh frog	<i>Rana palustris</i>	Sultan Marshes.
Long-legged wood frog	<i>Rana macrocnemis</i>	Common along the stream at Erciyes.
tree frog sp.	<i>Hyla sp.</i>	Small numbers of froglets encountered around the margin of Gölbaşa, near Kirikhan, could not be certainly identified but were probably arborea. Others at Sultan Marshes.
Spur-thighed tortoise	<i>Testudo graeca</i>	Widespread, recorded in small numbers.
Starred agama	<i>Laudakia stellio</i>	Small numbers on the first day.
Balkan green lizard	<i>Lacerta trilineata</i>	One seen well up a tree on the first day above Antakya.
Syrian lizard	<i>Lacerta laevis</i>	Single at Habiye.
Kayseri lizard	<i>Lacerta cappadocica</i>	Just one on the last day in Meskenderiz.
Snake-eyed lizard	<i>Ophisops elegans</i>	Widespread and frequently encountered.
	<i>Mabuya vittata</i>	Single perched on rock mid-stream at Yesemek.
[Worm snake]	<i>Typhlops vermicularis</i>	A very freshly dead individual below the Derebaçi Falls.
Grass snake	<i>Natrix natrix</i>	Frequently encountered on the boat ride in the Sultan Marshes
Dice snake	<i>Natrix tessellata</i>	Two seen from the boats in the Sultan Marshes.

Systematic List Number 4

Mammals

Persian squirrel	<i>Sciurus anomalus</i>	Single briefly on the first day (PB only). One across the road for Seda and Phil on the early morning recce of Ahir Dağı. Another from the van en route to the Püren Pass (PB only).
Asia Minor souslik	<i>Spermophilous xanthoprimum</i>	Seen at Erciyes and Ala Dağı and good numbers at the Sultan Marshes

Systematic List Number 5 Butterflies

Swallowtail	<i>Papilio machaon</i>	Yayladađı.
Eastern steppe festoon	<i>Zerynthia deyrolli</i>	Püren Pass and Derebaçı Falls.
Large white	<i>Pieris brassicae</i>	Scattered records.
Small white	<i>Artogeia rapae</i>	Scattered records.
Eastern bath white	<i>Pontia edusa</i>	Yayladađı.
Orangetip	<i>Anthocharis cardamines</i>	Derebaçı Falls.
Eastern orangetip	<i>Anthocharis damone</i>	Püren Pass.
Clouded yellow	<i>Colias crocea</i>	Yayladađı.
brimstone spp.	<i>Gonepteryx sp.</i>	None seen well but occasionally encountered in Cappadocia.
Wood white	<i>Leptidea sinapsis</i>	Yayladađı.
Ilex hairstreak	<i>Satyrrium ilicis</i>	Peter had one in Yayladađı.
green hairstreak sp.	<i>Callophrys sp.</i>	Single that got away at the Derebaçı Falls.
Caucasian vernal copper	<i>Tomares callimachus</i>	Ruth did well at the Püren Pass by snapping this beauty and turning Phil and Peter green with envy in the process.
Levantine vernal copper	<i>Tomares nesimachus</i>	One flying at Göreme was some consolation for Peter and Phil after missing the above species.
Turkish fiery copper	<i>Lycaena ochimus</i>	Göreme (scarce).
Small copper	<i>Lycaena phlaeas</i>	Widespread.
Sooty copper	<i>Lycaena tityrus</i>	Püren Pass.
Little blue	<i>Cupido minimus</i>	Derebaçı Falls.
Green-underside blue	<i>Glaucopsyche alexis</i>	Derebaçı Falls.
Anatolian green-underside blue	<i>Glaucopsyche astraea</i>	Derebaçı Falls.
Iolas blue	<i>Iolana iolas</i>	Göreme.
Eastern baton blue	<i>Pseudophilotes vicrama</i>	One at Göreme.
Brown argus	<i>Aricia agestis</i>	Göreme.
Blue argus	<i>Aricia anteros</i>	Derebaçı Falls and Göreme.
Mazarine blue	<i>Cyaniris semiargus</i>	Derebaçı Falls and Göreme.
Amanda's blue	<i>Polyommatus amanda</i>	Derebaçı Falls.
Common blue	<i>Polyommatus icarus</i>	Yayladađı and Göreme.
Red admiral	<i>Vanessa atalanta</i>	Derebaçı Falls.
Painted lady	<i>Cynthia cardui</i>	A few recorded, migrants heading through the Püren Pass.
Glanville fritillary	<i>Melitaea cinxia</i>	One at Göreme.
Knapweed fritillary	<i>Melitaea phoebe</i>	Widespread in small numbers.
[Dalmatian ringlet]	<i>Protoerebia afra</i>	One dead individual on the last day in Cappadocia. Frustrating!
Eastern meadow brown	<i>Maniola telmessia</i>	Yayladađı.
Small heath	<i>Coenonympha pamphilus</i>	Widespread.
Wall brown	<i>Lasiommata megera</i>	Just one in the Ahir Dađı.
Hungarian skipper	<i>Spialia orbifer</i>	Yesemek.

Mallow skipper
Inky skipper
Dingy skipper
Alcides skipper

Carcharodus alceae
Erynnis marloyi
Erynnis tages
Eogenes alcides

Yayladağı.
Small colony in hte Ahir Dağı.
Derebaçi Falls.
Yesemek.

Systematic List Number 6 Flowers

Acanthaceae

Acanthus dioscoridis
Acanthus hirsutus

En route to Yayladağ
Ahır Dağı, en route to Hasan Dağ

Anacardiaceae

Pistacia terebinthus
Rhus coriaria

Mastic Tree

widespread e.g. Ahır Dağı
Yayladağ

Apiace

Artemisia squamata
Lecokia cretica
Smyrniolum cordifolium
Torilis leptophylla

Yayladağ
Püren Pass
Püren Pass

Apocynaceae

Nerium oleander

Oleander

common along roadsides around Hatay

Aristolochiaceae

Aristolochia maurorum

Aladağlar

Asteraceae

Achillea phrygia
Bellis perennis
Centaurea depressa
Centaurea triumfettii
Chardinia orientalis
Cichorium intybus
Chrysanthemum segetum
Doronicum orientale
Geropogon hybridus
Gundelia tournefortii
Helichrysum stoechas
Helichrysum sanguineum
Onopordum carduchorum
Pallenis spinosa
Senecio vernalis
Silybum marianum
Tragopogon dubius
Tragopogon longirostris

Daisy

Milk Thistle

En route to Taşpınar
scattered
Aladağlar
scattered
scattered e.g. Ahır dağı
Gölbaşı (Kırıkhan)
scattered
Püren Pass
scattered e.g. Sultan Marhes
Ahır Dağı, Püren Pass
Yayladağ
Yayladağ
Yayladağ
Belen
scattered
scattered
Cappadocia
Sultan Marhes

Berberidaceae

Berberis vulgaris

Derebağ

Boraginaceae

Alkanna aucherana
Alkanna orientalis
Anchusa azurea
Anchusa strigosa
Anchusa undulata hybrida
Arnebia densiflora
Asperugo procumbens
Brunnera orientalis
Cerinthe minor
Cynoglossum montanum
Echium plantagineum
Moltkia caerulea
Myosotis alpestris
Nonea caspica
Nonea stenosolon
Onosma albo-roseum
Onosma bornmuelleri
Onosma cappadocicum
Onosma mirabilis
Solenanthus stamineus
Symphytum bornmülleri

Purple Viper's-Bugloss

Sultan marshes
scattered
Yayladağ
Yayladağ
Cappadocia
En route to Taşpınar
Ağzıkarahan area
Belen area
Derebağ
Cappadocia
scattered
Cappadocia, en route to Hasan Dağ
Aladağlar
Cappadocia
Ahır dağı
Püren Pass, Aladağlar
Ahır dağı
Cappadocia
Cappadocia
Develi road
Derebağ

Brassicaceae

Aethionema eunomioides
Aethionema sp.
Arabis caucasica
Aubretia canescens
Biscutella didyma
Cardaria draba
Conringia perfoliata
Crambe orientalis
Draba bruniifolia
Eruca sativa
Fibigia clypeolata
Fibigia eriocarpa
Hesperis campicarpa
Hesperis steveniana
Thlaspi perfoliatum

Biscutella

Aladağlar
Püren pass
Scattered e.g. Püren Pass
Püren Pass
scattered
scattered
Cappadocia
Cappadocia
Erciyes mountain
Göreme
Gölbaşı
Derebağ
Develi road
Püren pass
Cappadocia

Campanulaceae

Campanula drabifolia
Campanula strigosa
Legousia speculum-veneris
Michauxia campanuloides

Venus Looking-glass

Yayladağ
Yayladağ
Yayladağ
St Peter's Cave Church, Antakya

Caryophyllaceae

Cerastium dichotomum
Holosteum umbellatum
Minuartia mesoginata
Paronychia argentea
Petrohagia velutina
Silene aegyptiaca
Silene dichotoma
Silena vulgaris
Silene arguta

Belen area
Derebağ
Belen area
Belen area
Yesemek
Belen area
Derebağ
Belen area
Cappadocia

Cistaceae

Cistus creticus
Cistus salvifolius
Fumana arabica
Helianthemum nummularia

Sage-leaved Cistus
Fumana

Yayladağ, Ahır Dağ
Yayladağ, Ahırdağ
Belen area
Ahır Dağı

Convolvulaceae

Convolvulus arvensis

Yayladağ

Crassulaceae

Rosularia globularifolia
Umbilicus erectus

Yayladağ
Püren Pass

Dipsacaceae

Scabiosa columbaria

Yayladağ

Ericaceae

Erica manupuliflora

Yayladağ

Euphorbiaceae

Euphorbia denticulata
Euphorbia helioscopia
Euphorbia rigida

Püren pass
Yayladağ
Hatay area

Fabaceae

Acacia cyanophylla
Anthyllis tetraphylla
Astragalus odorata
Astragalus christianus
Astragalus eriophyllus
Astragalus macrocephalus
Astragalus tigrinus
Calycotome villosa

Spiny Broom

roadsides
around Gölbaşı
Cappadocia
Aladağlar, Cappadocia
Ahır Dağ
Cappadocia
Cappadocia
Yayladağ, Belen area

<i>Colutea cilicica</i>		Derebağ
<i>Coronilla emerus</i>	Scorpion Senna	Ahır dağı
<i>Dorycnium pentaphyllum</i>		Yayladağ
<i>Genista albida</i>		Yayladağ
<i>Hippocrepis unisiliquosa</i>		Yayladağ
<i>Hymenocrater circinnatus</i>		Yayladağ
<i>Lathyrus aphaca</i>	Yellow Vetchling	Yayladağ
<i>Lathyrus blepharicarpus</i>		Derebağ
<i>Lathyrus digitatus</i>		Yayladağ
<i>Lathyrus laxiflorus</i>		Yayladağ
<i>Lathyrus pratensis</i>		Aladağlar
<i>Lathyrus roseus</i> ?		Ahır Dağı
<i>Lotus corniculatus</i>		Yayladağ
<i>Medicago orbicularis</i>		Yayladağ
<i>Medicago sativa</i>		Cappadocia
<i>Melilotus officinalis</i>		scattered
<i>Onobrychis aequidentata</i>		Yayladağ
<i>Ononis natrix</i>		Yayladağ
<i>Robinia pseudacacia</i>	False Acacia	widely planted
<i>Spartium junceum</i>	Spanish Broom	Yayladağ
<i>Trifolium angustifolius</i>		Yayladağ
<i>Trifolium arvense</i>		Ahır dağ
<i>Trifolium campestre</i>		Yayladağ
<i>Trifolium clypeatum</i>		Yayladağ
<i>Trifolium paucifolium</i>		Yayladağ
<i>Trifolium physodes</i>		Yayladağ
<i>Trifolium pilulare</i>		Yayladağ
<i>Trifolium stellatum</i>		Yayladağ
<i>Trifolium tomentosum</i>	Woolly Trefoil	Yayladağ
<i>Trifolium rhytidosemium</i>		Harbiye
<i>Vicia cracca</i>		Scattered
<i>Vicia cuspidate</i>		Cappadocia
<i>Vicia palaestina</i>		Yayladağ
Fagaceae		
<i>Quercus coccifera</i>	Kermes Oak	Hatay area
<i>Quercus infectoria</i>		Yayladağ
<i>Quercus trojana</i>		En route to Hasan Dağ
Geraniaceae		
<i>Erodium absinthoides</i>		Aladağlar
<i>Erodium amanum</i>		Belen Pass
<i>Erodium ciconium</i>		Belen area
<i>Erodium cicutarium</i>		Belen area
<i>Erodium gruinum</i>		Sultan marhes
<i>Geranium libani</i> ?		Belen Pass
<i>Geranium lucidum</i>	Shining Cranesbill	Belen area

Geranium molle
Geranium tuberosum

Belen area
Püren Pass

Globulariaceae

Globularia trichosantha

Püren Pass, Hasan Dağ

Hypericaceae

Hypericum hircinum
Hypericum scabrum

Yayladağ
Cappadocia

Lamiaceae

Ajuga chamaepitys
Ajuga salicifolia
Lamium garganicum
Lavandula stoechas
Marrubium globosum
Phlomis longifolia
Salvia cryptantha
Salvia multicaulis
Salvia tomentosa
Salvia viridis
Scutellaria orientalis
Scutellaria salviifolia ?
Teucrium multicaule
Teucrium sp.
Wiedemannia orientalis
Ziziphora taurica

Ground-Pine

French Lavender

Red-topped Sage

Yayladağ
Ağzıkarahan
Belen area, Aladağlar
Yayladağ
Ahır Dağı
Yayladağ
Ahır Dağ, Cappadocia
Ahır Dağ
Yayladağ
widespread
En route to Hasan Dağ
Ahır Dağ
Ahır Dağ
St Peter's Cave Church, Antakya
Cappadocia
En route to Hasan dağ

Linaceae

Linum pubescens

Yayladağ

Malvaceae

Malva neglecta
Malva sylvestris

St Peter's Cave Church, Antakya
Yayladağ

Meliaceae

Melia azaderach

Hatay

Moraceae

Ficus carica

Fig

Hatay

Myrtaceae

Eucalyptus species

planted here and there

Nymphaeaceae

Nuphar lutea
Nymphaea alba

Gölbaşı (Kırıkhan)
Gölbaşı (Kırıkhan)

Oleaceae

Olea europea
Jasminum fruticans

Yayladağ
Ahır Dağ, Cappadocia

Orobanchaceae

Orobanche anatolica

Cappadocia

Paeoniaceae

Paeonia mascula ssp. *mascula*

Püren Pass (in bud)

Papaveraceae

Corydalis erdelii
Corydalis wendelboi ?
Corydalis taurica
Fumaria asepala
Fumaria parviflora
Glaucium grandiflorum ssp. *grandiflorum*
Glaucium leiocarpum
Hypecoum pseudograndiflorum
Papaver argemone
Papaver clavatum
Papaver dubium
Papaver rhoeas
Roemeria hybrida

Püren Pass, Develi
Püren Pass
Püren Pass
Ahır Dağ
scattered
En route to Püren Pass
Cappadocia
Cappadocia
En route to Hasan dağ
Ahır dağ
Yayladağ
Yayladağ
Cappadocia

Plumbaginaceae

Acantholimon sp.

Belen pass

Polygalaceae

Polygala anatolica
Polygala supine

Yayladağ
Yayladağ

Primulaceae

Anagallis arvensis
Primula auriculata

Scarlet Pimpernel

scattered around Hatay area
Aladağlar

Rafflesiaceae

Cytinus hypocistis

En route to Yayladağ

Ranunculaceae

<i>Adonis annua</i>		Yayladağ, Ağzıkarahan
<i>Anemone blanda</i>		Yayladağ, Püren Pass
<i>Clematis orientalis</i>		Cappadocia
<i>Eranthis hyemalis</i>		Ivs and fruits; Püren Pass
<i>Helleborus vesicarius</i>		Belen Pass, Püren Pass
<i>Pulsatilla albana (armena)</i>		Erciy Erciyes Mountain es Mountain
<i>Ranunculus arvensis</i>		Yayladağ
<i>Ranunculus constantinopolitanus</i>		Develi road
<i>Ranunculus ficaria</i>		Erciyes Mountain
<i>Ranunculus isthmicus</i>		Cappadocia
<i>Ranunculus trichophyllus ?</i>		Gölbaşı (Kırıkhan)

Resedaceae

<i>Reseda lutea</i>		scattered
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Rhamnaceae

<i>Paliurus spina-cristi</i>		Yayladağ
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Rosaceae

<i>Amygdalus prostrate</i>		Belen Pass
<i>Crataegus curvisepala</i>		Derebağ
<i>Geum urbanum</i>		Belen Pass
<i>Potentilla inclinata ?</i>		Belen Pass
<i>Rosa canina</i>		Ahır Dağ, Cappadocia
<i>Sarcopoterium spinosum</i>		locally common around Hatay area

Rubiaceae

<i>Sherardia arvensis</i>	Sherardia	Belen area
<i>Cruciata taurica</i>		Cappadocia

Salicaceae

<i>Salix alba</i>	White Willow	around Sultan Marhes
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Scrophulariaceae

<i>Bellardia trixago</i>		Yayladağ
<i>Linaria chalepensis</i>		Ahır Dağ
<i>Parentucellia latifolia</i>		En route to Hasan Dağ
<i>Verbascum phoenicum</i>		pinus area en route to Develi
<i>Veronica arvensis</i>		Yayladağ
<i>Veronica pectinata</i>		Ahır Dağ

Solanaceae

<i>Hyoscyamus aureus</i>		St Peter's Cave Church, Antakya
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Hyocyamus niger

Cappadocia

Tamaricaceae

Tamarix smyrnensis

Sultan Marshes

Valerianaceae

Valeriana dioscoridis

En route to Püren Pass

Violaceae

Viola crassifolia

Viola kitaibeliana

Belen Pass

Hasan Dağ

Monocotyledons

Amaryllidaceae

Ixiolirion tataricum

Ahır Dağ

Araceae

Arum dioscoridis

Arum elongatum

Yayladağ

Aladağlar

Iridaceae

Crocus biflorus ssp.

Crocus siehanus

Gladiolus italicus

Iris galatica

Iris kirkwoodii

Iris mesopotamica

Iris pseudocorus

Iris sari

Iris shachtii

Iris sprengeri

Develi

Hasan Dağ

Yayladağ

leaves only. Cappadocia

Ahır Dağ

En route to Püren Pass

Gölbaşı (Kırıkhan)

Aladağlar, Develi

Aladağlar

nearly finished, Taşpınar

Liliaceae

Asparagus acutifolius

Asphodeline brevicaulis ssp. *brevicaulis*

Asphodeline damascene

Asphodeline lutea

Asphodelus aestivus

Bellevalia gracilis

Colchicum szovitsii

Eremurus spectabilis

Fritillaria alfredae ssp. *glaucoviridis*

Fritillaria acmopetala x *F. amana*

Yayladağ

Yayladağ

around Cappadocia

Yayladağ

Hatay area

Püren Pass

Aladağlar

Püren Pass, Develi

in fruit; Belen Pass

around Püren Pass

Fritillaria hermonis ssp. amana
Fritillaria persica
Fritillaria pinardii
Gagea fistulosa
Gagea glacialis
Hyacinthus orientalis
Muscari anatolicum
Muscari armeniacum
Muscari comosum
Muscari latifolium
Muscari macbethianum
Muscari neglectum
Muscari tenuiflorum
Ornithogalum narbonense
Ruscus aculeatus
Scilla melaina
Scilla sibirica
Smilax aspera
Tulipa armena

Orchidaceae

Cephalanthera damasonium
Cephalanthera longifolia
Dactylorhiza romana
Epipactis helleborine
Limodorum abortivum Violet Limodore
Ophrys episcopalis
Orchis coriophora
Orchis morio
Orchis pinetorum
Platanthera chlorantha ssp. holmboei

Püren Pass
Püren Pass
Develi
Püren Pass, Develi
Erciyes mountain
Püren Pass
Aladağlar
Tufanbeyli
Cappadocia
Hasan dağ
Tufanbeyli
Aladağlar
Cappadocia
Yayladağ
Yayladağ
Püren Pass, Develi
Aladağlar
Yayladağ
Püren Pass

Belen Pass, Ahır dağ
Yayladağ
Develi
in bud, Yayladağ
Yayladağ
Yayladağ
Yayladağ
Tufanbeyli
Develi
Yayladağ