

Cappadocia

Flowers, birds and ancient sites of Anatolia

A Greentours Trip Report

2nd to 12th May 2014

Led by Başak Gardner and Phil Benstead

Daily report written by Phil Benstead and Başak Gardner

Day 1 Friday 2nd May arrival

After a full day of travel we all arrived from different directions and met up at the gate in Istanbul. Başak turned up unexpectedly too (although her luggage stayed in Istanbul...). On the ground in Konya we had an inevitable wait whilst Başak did the necessary paperwork about her missing bags and then we met up with our driver for the next ten days and headed into town.

Day 2 Saturday 3rd May Çatalhöyük

After our late arrival last night we opted for a nice soft start this morning and eventually met up at 1030 after enjoying a breakfast looking out over the rooftops of Konya. Our drive to the famous excavated ruins of Çatalhöyük took us across the floor of the Konya Basin, the lowest part of the Central Plateau, but still around 900 m asl. In the crops as we drove we started to admire a beautiful purple larkspur (*Consolida orientalis*). We did not stop many times en route but we just had to stop by a fallow field that was filled with white storks. Calandra and crested larks were obvious and the occasional red-backed shrike made itself apparent.

Çatalhöyük was quite something, a mound rising up out of the surrounding flat steppe, seemingly created by layers of habitation going back an incredible 8,800 years. One of the cradles of civilisation as we know it. We checked out the museum, enjoyed the mock-up house of the era and wandered the site, visiting the two covered and thoroughly fascinating excavations. Beside the paths Başak introduced us to our first steppe plant species; *Consolida orientalis*, *Lamium orientalis*, *Peganum harmala* and *Adonis aestivalis*.

Inside the first covered dig we tested our animal track knowledge on a range of wonderful tracks in the fresh dust. Phil pointed out a singing hoopoe and we also heard a nightingale back near the bus. Başak found some tree sparrows and we wandered the ground in between the excavation enjoying the flora and attendant hummingbird hawk-moths. A male penduline tit appeared briefly with a beakful of nesting material and golden orioles sang from hidden perches.

After an hour-and-a-half we were done and headed into nearby Çumla to find a restaurant. Here Başak introduced us to red carrot juice (aka hot turnip juice) which I think we all found to be completely revuggerating, although there may have been some secret admirers around the table (there was! John!). The food though was excellent and we got stuck in.

Back-tracking we made sure we had time to stop to enjoy some of the dry steppe and drainage channels that we had passed on our way out in the heat of the day. Phil called a stop when he spotted a black stork skulking in a ditch and we reversed back to check him out and walk along the ditch. Sadly the bird had a nasty mangled leg, although seemed quite fit. The drainage channel produced some nice *Nigella segetalis*, and plenty of *Acrocephalus* warblers. Penny spotted our first and only damselfly – the prosaic common blue-tail – and our first black-headed wagtails appeared too.

More stops for flora produced *Anchusa azurea*, *Achillea lycaonica*, *Conringia orientalis* and *Onopordum karduchorum*. A thistle-loving longhorn beetle (*Agapanthia cynarae*) and we enjoyed 'scope views of the numerous and very cute Asia Minor sousliks as they went about their business. Nearby their neighbours the isabelline wheatears went about theirs. Overhead invisible bee-eaters called and then it was time to get back to the hotel and the first plant checklist session.

After dinner we walked over to the Mevlana Culture centre and took in the spectacle of a bunch of whirling dervishes for a couple of hours. The huge amphitheatre was crammed full of people, mostly locals and made for quite an evening, although it was hard to journey to the divine in the presence of so many mobile phones...

Day 3 Sunday 4th May Konya and Düden Gölü

Most of the team elected to get cultural in the morning, accompanying a local guide on a tour of the museum and stretching their legs on the walk to the old mosque. Meanwhile the staff did their big picnic shop. No picnic for us though today, after checkout we sauntered to a nearby restaurant to sample the local cuisine. Replete we dozed through the short journey to Kulu, as we neared the place we started noting a few more wetland birds through the windows. A yellow-legged gull batted past. Gull-billed terns became frequent and at least one of us was getting excited about the impending visit to Düden Gölü. For Phil it was a return to the site after half-a-lifetime away. Unfortunately the weather gods had other ideas...

Arriving at the hotel we jumped out to discover that it really was very windy. A big front was pushing in and promising some rain in the very near future. After sorting out our rooms we jumped back into the bus for the short ride down to the lake. Despite the poor conditions (at least the rain stayed off) we did have a nice little session here.

Flamingos were the big hit and we even got some to fly... A few duck were present; a pair of mallard and two shelduck flew by. Waders scampered along the muddy fringes. Black-winged stilts struggled to stay upright. Avocets swept their recurved bills back and forth. Kentish plovers zoomed about. A single dunlin looked monstrous amongst the larger numbers of brightly plumaged little stints. Perched on a nearby spit we ogled a fine adult slender-billed gull – a glorious bird. In the fields behind the lakeshore we scoped up calandra larks and flushed more elusive red-throated pipits. Battling into the wind we watched a small party of feeding white-winged terns. A white stork calmly walked in front of the van at one point. Beautiful Mediterranean gulls flew past but did not

stop sadly. Somewhat wind-blasted but fairly pleased with our haul of birds we headed back to the hotel and dinner.

For dinner Başak organised a massive mixed grill for us in the restaurant next door to our modest hotel which was a great success. Served on two trays the size of stable doors, we grazed on lamb kebabs, chicken wings and other meaty treats. The proprietors opening up the place just for us on their day off!

Day 4 Monday 5th May Düden Gölü and on to Cappadocia

Light rain greeted those on the optional early morning trip at 0600. Stopping by the small grove of trees down by the lake it became apparent that a light 'fall' of migrants had occurred. The small number of trees here produced a nice selection of migrants, including golden oriole, spotted flycatcher and red-backed shrike. Searching through the blackcaps revealed the first olivaceous warbler and chiffchaff of the trip. A lone bee-eater flew overhead. A black-headed bunting flew out of the trees arrowing straight for a wandering red fox that had a bird clamped in it's jaws, the beast skulking off upon discovery looking suitably guilty.

Nearby the lakes held a good number of birds. Flamingos had spread themselves thinly across the entire surface of both waterbodies and probably numbered 10,000 plus. Shame we did not find out about the lurking vagrant lesser flamingo reported the week before until after we had left the site... Shelduck were much more obvious than yesterday and the distinctive call of the ruddy shelduck allowed two flyover birds to be added to the growing list.

One of the undoubted highlights of the morning session were encounters with all three marsh tern species, white-winged black terns were abundant, two whiskered terns patrolled the small lake and three or four black terns were also recorded. Spur-winged plovers materialised – where had they been yesterday? A large number of slender-billed gulls were present this morning too. The fields around the edge produced many views of the excellent lesser short-toed lark and monstrous calandra larks were singing high in the sky. But all-too-soon it was time to get back for breakfast.

Heading on in the van we stopped briefly on our drive to take in the salty steppe vegetation and enjoy the suite of birds that call this inhospitable place their home. Kentish plovers were found in abundance, lesser short-toed larks called all around us and everywhere displaying isabelline wheatears danced in the air. Sausliks kept a low profile as there were many predatory long-legged buzzards in the area. We found the tiny endemic *Onobrychis paucijuga* there.

Heading on the weather started to look increasingly grim unfortunately. We set out our lunch at an *Iris sprengeri* site but by the time the team returned from their unsuccessful search (too late? too over-grazed?) we were just in time to experience some very windy weather, complete with lots of flying dust and some rain. We retreated to the van to eat our picnic... The outcrop had produced a few plants though *Acinos arvensis*, *Alkanna pseudotinctoria*, *Nonea stenosolen*, *Cnicus benedictus* and *Verbascum vulcanicum*.

Whilst Başak and the botanists had been unsuccessful with their main plant target at the site they did come back with news of a big finch. Phil slipped back for a look and despite the appalling conditions he found two fantastic crimson-winged finches butchering about in the gully below the outcrop. Also

here a male Finsch's wheatear, so despite it being a botanical low point for the team we did well with some of the speciality upland birds. Eventually we drove on to our cave hotel in Göreme.

Driving on we skirted the cone of the impressive former volcano (Hasan Dağı). It was fantastic to suddenly be confronted by the totally weird geology of Cappadocia; one minute you are driving through Turkey and the next you are in the most amazing, scarcely credible scenery. Most of the hoodoos show signs of ancient or modern use by man and then abruptly you descend into the tourist trap that is Göreme. Every available building in this small village having been turned over to some tourist purpose or other and suddenly we were surrounded by people from all over the world who have come to gawp like us at this astonishing region and its many treasures.

Our hotel was charming, most rooms hacked into the soft volcanic tuff and we settled in pleased that we would be staying for three nights. As we got ready for checklists and dinner the screaming of common swifts could be heard overhead, occasionally joined by the hysterical calls of their larger cousins, the alpine. Over dinner we met Kerem our local guide for the Cappadocia leg of the tour and checked the weather forecast...

Day 5

Tuesday 6th May

Cappadocia

Balloons everywhere there were at dawn, but they soon disappeared from view into the low cloud. First thing Phil went out for a pre-breakfast walk around the nearby Pigeon's Valley. A nice little walk with plenty of birds to look at and listen to. A Cetti's warbler sang invisibly from a thicket and irate olivaceous warblers chased lesser whitethroats around. Light rain fell too and although this stayed off for most of time after breakfast we sadly seldom saw the sun during the day.

Kerem had a packed programme for us today. En route to the Underground City we stopped in a vacant lot on the edge of town. An olivaceous warbler regaled us as Başak pointed out a number of new plants for us. *Glaucium corniculatum*, *Papaver hybridum* and *lacerum*, *Hypecoum pendulum*, *Trigonella caurolescens* and *Ajuga chamaepitys*.

Whilst most of the group went underground for an hour to visit the labyrinthian city complex, the rest of us headed out of town a short distance and found a surprisingly satisfying flora to engage us whilst we waited. *Matthiola longipetala*, *Lamium orientalis*, *Silene subconica*, *Anchusa azurea*, *Astragalus pinetorum*, *Scorzonera cana* and *Hypecoum pendulum* were seen here. A big oil beetle was a big hit with Phil. Heading back into town we had time for a cup of tea before the rest of the team emerged from their subterranean wanderings for refreshments. Driving on we stopped along the road for our first Egyptian vulture and inevitably started poking around too. Başak found a nice purple-shot copper which posed lethargically in the decidedly cool weather.

Ortahisar next for a sit-down lunch in a small restaurant and Başak bought us a bag of dried mulberries for dessert. Refuelled we headed along a delightful back road that produced great flowers at every one of the three or four stops that we enjoyed during the remainder of the afternoon. The first stop was prompted by a splendid display of roadside *Roemeria hybridum* but further examination of the fields here produced a good number of other plants *Silene otites*, *Paracaryum calycinum*, *Astragalus tigridis*, *Aethionema arabica* and *Vicia pubescens*. Phil chased snake-eyed lizards over the soft volcanic soil, Penny found a Glanville fritillary and a chukar flew low along a nearby gully. All around us black-headed buntings were singing.

Our next stop was intended to be cultural but the curator of the cave church in question was absent without leave so we turned to plants. Nearby our first *Muscari tenuiflorum* had Sue dancing a jig, a lovely golden *Onosma bornmuelleri* wowed us and the *Euphorbia anacamperos* and *Asyneuma lobellioides* here were very pretty.

Driving on we stopped again when Başak spotted some nice patches of *Salvia cryptantha*. Also here our first *Gladiolus atrovioleaceus*, a splendid plant.

Next we stopped at a viewpoint looking out over a hoodoo-riddled gully and cliff and Kerem gave us a quick geological lecture. Overhead a long-legged buzzard soared and the sun nearly came out.

Our last stop of the day was the jewel on the crown of this fantastic stretch of road and was discovered last year by an intrepid Greentours balloon team. As the dusk flight of balloons took off from Göreme we wandered this delightful patch of steppe. Invertebrates were more obvious here with a fine spurge hawk-moth found roosting on the ground at one point and our first sleepy lesser chequered blue too. Başak was kept very busy here as everyone started finding exciting plants. The blousy yellow sprays of *Arnebia densiflora* looked unreal bursting from the soil in ready-made bunches. A frothy white clump of *Iberis taurica* was splendid. The incredible large-flowered *Salvia*

blepharochlaena and cushions of beautiful deep pink *Convolvulus assyriaca* were ogled by all. Short-toed larks sang above us as we guzzled tea and nibbled on the aptly-named Turkish Delight and chunks of halva. It was hard not to feel very content. Refreshed we did one last wander down a nearby gully for a beautiful yellow rose (*hemisphaerica*), that provided a stunning contrast to the dry steppe and backdrop of eroded tuff cliffs and hoodoos.

A great day of culture and botanical activity, we returned tired to the hotel for dinner and some of us may have over-indulged the tasty beef-and-beans dish.

Day 6 Wednesday 7th May Cappadocia

Another chilly start to the day but the rain stayed off and the sun even came out for us towards lunchtime. Phil kicked off proceedings by taking a small team out birding before breakfast and we had a good time along Pigeon's Valley. Birds spotted included a great view of a singing Cetti's warbler, golden oriole, jay and Syrian woodpecker. The horse that bit Sue very hard though was not part of the programme – a spiteful little beast.

The cool weather this morning suited our plans as we were taking the Bagildere valley trail, a 4-kilometre downhill walk. We had barely started when we stopped to buy nick-nacks and gulp down freshly squeezed orange juice from a trackside stall. A new *Muscari caucasicum* appeared quickly by the wayside. Birds were evident all around, we watched Syrian woodpeckers, singing nightingales and there was even a hoopoe for Penny (albeit distantly). *Lathyrus brachypterus* was abundant in the area.

During the latter half of the walk the sun finally broke through the cloud for the first time in many days and things warmed up rapidly until we were suddenly in the presence of many species of butterfly. Niobe fritillaries were present in surprising numbers and we also spotted our first small heath, osiris blue, brown argus and small copper. Eventually we emerged at the road and there was the bus and driver waiting to whisk us off for lunch in a pleasant underground restaurant in Göreme.

After lunch Kerem took us to the mirror church. Whilst the team cultivated themselves their leaders either identified plant specimens or poked about. Phil found a widespread *Allium scorodoprasum* growing under the nearby cliff and nearly saw the endemic lizard... The hot sun had brought out yet more butterflies including our first Queen-of-Spain fritillary and the Glanville fritillary was flying here too.

With time in hand we tacked on a visit to the Gomeda Valley. This was an excellent spot although some, after the morning walk, did not have the energy to descend to the valley bottom. Başak pointed out yet another strange *Hypocoum procumbens* near where the van was parked. The damp stream valley was excellent for butterflies and we found our first (and only) Dalmatian ringlet, together with a host of blues which were either roosting in the grass or mud-puddling on the track. The vivid colours of Adonis blue were noted. The mud-puddlers included our first Bavius and Amanda's blue, as well as green-underside blue and osiris blue. We also finally found a small white and added an orange-tip for our butterfly list, which was definitely struggling due the poor weather we were experiencing. The sun really helped today!

Our last stop of the day was another cultural stop this time at the open air museum just before closing when the insane crowds diminish somewhat. Kerem lead the team in one last time, once they could be moved past the ice-cream and juice stands at the entrance that is. The churches were well-recieved ending another great day and all fingers were firmly crossed for more settled weather beacause tomorrow we enter the higher altitude parts of our journey.

Day 7 Thursday 8th May to Erciyes over the Topuz Dağı

Today we checked out of our cave and headed out once more into the wild grey yonder. Would we see the sun again? Before leaving Cappadocia though we dropped in on Pasabağ to say goodbye to some hoodoos and check out the souvenir stalls and antique shops clustered around the carpark. An hour here was sufficient so we drove the short distance to Avanos to visit the superb Güray ceramic factory and museum. We were really lucky as the museum had just been opened a fortnight before our visit and was a thing of beauty in itself. Hacked from the soft volcanic rock adjacent to the equally underground ceramic works it was made of large connected vaulted chambers with exhibit cases worked into every wall. Very impressive.

A side door took us from the cathedral-like hush of the museum into the hustle-bustle of the factory and some tame ceramicists were hard at work for our viewing pleasure. Later we had a great demonstration of the use of the kick-wheel to throw a pot whilst we drank tea and then Başak bravely gave it a go for excellent comedy value. Finally it was time to look at the incredible finished work of this excellent pottery, the high-end stuff was just incredible but you need a well-endowed credit card to contemplate buying any of these truly wonderful objects. Fortunately though there were pieces to suit all depths of pockets and tastes and most of us made a purchase of some kind. During parts of this shopping/cultural process Phil had been wandering about finding hoopoes, bee-eaters and black-eared wheatears in the neighbourhood...

Off we drove stopping at the top of a low pass – the Topuz – where we had an enjoyable half-hour of botanical activity despite light rain. *Arum elongatum*, *Silene cappadocica*, *Centaurea pichleri* and *Acanthus hirsutus* were some of the plants. Phil enjoyed the birding here finding singing ortolan bunting, woodlark, red-backed shrike and having a brief encounter with a distant golden eagle. Driving on we stopped at a roadside restaurant and enjoyed yet another pleasant meal as light rain continued to fall.

As we had come over the pass we had seen the Erciyes volcano looming up ahead but as we got closer the low cloud dropped and concealed it. Skirting the marshes we made a short stop to photograph a roadside stork nest and Phil dashed over to a nearby drainage channel that was choked with *Ranunculus sphaerospermum*. Frogs called, a purple heron flushed up and away and a black tern batted past. We stopped to look at some nice patches of *Hesperis bicuspidata* (the purple crucifer) and whilst the team went back for it Phil scanned a nearby ridge with his 'scope and found some orchids. Everyone joined him on the ridge when they came back and we had a pleasant time in the light rain looking at the lovely yellow *Orchis pallens* and the deep purple *Orchis pinetorum*.

Back-tracking to the hotel we checked into a large and very empty ski-hotel, the plan being to gather shortly to walk up to the nearest snow-patch for bulbs, but when it came down to it the heavens had opened and none of us fancied it! Tomorrow perhaps?

Day 8 Friday 9th May Erciyes and Aladağlar

No Sultan Marshes visit this year, with little interest in birds amongst the team there was a unanimous decision to have a lie-in instead! In its place an early morning assault on the *Colchicum szovitsii* of the Erciyes volcano slopes was requested after yesterday evening's wash-out performance. Some of us made it to the 06.30 startline and we trogged uphill in a fierce wind and the cold but enjoying nevertheless the numerous *Pulsatilla albana* in the sward. Başak also spotted *Minuartia recurva*, *Draba polytricha* and *Herniaria glabra* here. Eventually we got high enough to start finding the tiny *Colchicum* in small numbers and as low cloud had completely enveloped us at this point we elected to head back down for breakfast before we got lost forever.

Breakfast complete we took to the road for the 70 km drive round to the high Ala Dağı. En route we stopped for bread and then light rain and high winds started to become more obvious as we slowly climbed to the road junction. Driving the road through the stunning scenery to the mine was accomplished with just one stop for some obvious *Iris schactii*, which went down well with the team. *Aristolochia maurorum*, *Astragalus nitens*, *Solenanthus circinnatus*, *Polygala anatolica* and *Aethionema iberideum* were some of the other plants in the area. A superb male white-throated robin was a nice surprise here and perched briefly for Phil. Drifts of snowfinches flew up in front of us occasionally.

As we got up above 2500 metres the rain turned to snow and we entered a very alpine scene, the mountains around us covered in a fresh dusting of spring snow. Parking up at the mine most walked with Başak to search for fritillaries. Phil checked the rather unsightly rubbish dump and got great views of shorelark, snowfinch and alpine accentor. Walking further up the track produced water pipits and a stunning male rock thrush. Just before we headed back downhill a good-sized group of red-fronted serin swept in and landed amongst the buildings, beautiful birds.

Driving down we parked up and sorted out a meal. No textbook picnic for us, everyone stayed firmly in the mud-filled van out of the weather. Başak brewed up some tea in the front, whilst Phil prepared sandwich fillings and other sundries from the supplies in the back and passed them forward. Snow fell horizontally throughout. We dropped a lot lower afterwards and found a superb flower-rich site that quite took our minds off the wet weather. *Iris schactii* was found first. Then Başak found some *Iris sari* and we found some lovely fresh examples including a memorable clump of four. The cliff base was the favoured habitat of the very colourful and much-admired *Onosma albo-roseum*. Başak was kept very busy as we also found *Scilla sibirica subsp. armena*, *Lamium garganicum*, *Orthurus heterocarpus* and *Anemone blanda*. The big fritillary was still above us in the snow but we elected to head downhill and were quickly rewarded with some sun for the first time in the day.

We drove the short distance to the Derebağ waterfall for a comfort stop and a cup of tea. Here in a very short time we added mazarine blue and long-tailed tit to their respective lists. But tired and windswept we did not stay long, instead we turned for the hotel and a big plant checklist session before dinner.

Day 9 Saturday 10th May Büyük Gebzeli Geçidi, Tahtalı Dağı and the Püren Pass

Another transfer day was upon us and so we breakfasted and checked out in good order and got on the road to 'Maraş. Driving along through excellent scenery we made our first stop of the day at a very high pass (Büyük Gebzeli). Başak lead the team up slope hunting out plants and finding *Fritillaria pinardi* and other plants like *Nonea pulla*, *Solenanthus stamineus*, *Myosotis alpestris* and *Barbarea minor*. Lower down some of us were enjoying the birds that included a pair of confiding red-fronted serin, two male white-throated robins and our first stonechats and goldfinches. Penny found a water pipit nest complete with eggs and white-throated robin and ortolan bunting were in song all around us.

Driving on we continued on through a changing landscape, stopping briefly to admire a colony of bee-eaters by the road and again to check out a field with our first *Ixolirion tataricum*. An eastern steppe festoon here was our first. A stop in a small village secured our bread ration for the day. Arriving at our lunch stop we searched the woods for the rather weedy but none-the-less exciting *Muscari mcbeathianum*. Also here Penny found a few *Orchis coriophora* and there were many *Orchis morio* and other stuff like *Verbascum phoenicium*, *Silene capitellata*, *Minuartia hirsuta* and *Cnicus benedictus*. A few butterflies were flying here including our only long-tailed blue of the trip. It was great to have some sun and be able to sit out and have a proper picnic.

After lunch we headed on again, eventually climbing up to the incredibly beautiful Püren pass. On the other side we found the slopes were lightly covered in cedar, Cilcian fir and *Juniperus excelsa* and stopped to search for fritillaries. Başak took the team up in search of *Fritillaria amana* and Phil went to search out *Fritillaria persica* at a regular site. The regular site for *persica* sadly only contained two decapitated plants but a beautiful *Paeonia mascula* and a Schneider's skink were some compensation. A calling bird here was probably the scarce white-backed woodpecker.

Luckily whilst the rest of the team could not locate an *amana*, Patricia had found some *persica*. We searched high and low for *amana*, most people taking in the peony and eventually Başak found a single flower, just past its best but a sure sign that we had missed the main flowering period this year sadly. Other plants were *Eremurus spectabilis* and *Hesperis campicarpa*. Tired we headed for 'Maraş and the comfortable Saffron Hotel.

After dinner Başak took us out to sample the famous ice cream of this bustling town. The ice-cream parlour was quite something and so was the incredibly glutinous ice-cream.

Day 10 Sunday 11th May the Ahir Dağı

The last day in the field was a scorcher, the sun shone down, we did not have far to go to get into habitat and the wildlife was fantastic. Climbing out of town we were soon on the lower slopes of the Ahir Dağı and stopped low down in a floriferous spot. Whilst the botanists grazed on the slope, Phil checked out the butterflies finding the first skippers of the trip at last and photographing a tiny grass jewel. The botanists found a number of new and interesting species on the slope including *Linum mucronatum*, *Teucrium multicaule*, *Cicer pinnatifidum*, *Coronilla orientalis* and *Crupina crupinastrum*.

Moving on we did not have to wait too long before Sue squealed. She had seen our first immense *Iris kirkwoodi* and was rather pleased. We bundled out of the van and enjoyed it. Phil went up round the back of the bank that the plant was on but all the irises here were already over, so we got lucky with this first perfect plant. Scarce swallowtails made an appearance here for the first time. Driving on we came out on the high tops, scattered purple cushions of *Onobrychis cornuta* added a Scottish colouring

to the dry limestone hills and we also found *Helleborus vesicarius*. In the depression below us seasonal shepherd communities went about their business, smoke curling from the chimneys of their simple dwellings. Turning back in search of more iris we quickly found a very good track. Soon either side of us were good numbers of *Iris kirkwoodi*, and we stopped for lunch at a good looking spot. Incredibly the farmer here was just about to plough in the very field we found ourselves in to make way for more cherry trees! He kindly stopped whilst we enjoyed the spectacle of this doomed iris field. Many of the plants had huge, multiple heads and it was hard to watch when the tractor got under way again during our picnic.

Moving on we had another pleasant hour on the dry slopes. Looking again at the amazing irises and also finding many more plants including *Salvia multicaulis*, *Paracaryum paphlagonicum* and *Cistus salvifolius*. Overhead a short-toed eagle showed Phil how to find reptiles and Phil took the lesson on board and finally got a photo of the hyperactive skink in the grass – it was *Mabuya vittata*. Butterflies were excellent with black-veined white and false apollo on the wing. Our only Turkish copper of the trip and a good number of small Anatolian blues. Nine spotted moths (*Amata phegea*) were obvious. Eventually we tore ourselves away and headed downhill again.

Dropping back down we stopped to enjoy some flowering *Asphodeline globifera* and this area was very good for bush-cricket too. Our final stop on the hill was the same spot as our first as Başak had noticed some *Centranthus longiflorus* that we had missed before. Phil was pleased to find Gerhard's black hairstreak here and a surprise Upcher's warbler put in an appearance.

Driving back down to 'Maraş we searched in vain for good habitat on the other side of town. The smelly sewage drain we found producing our only greenfinches of the trip and a great little ice-cream parlour (upwind!). Refreshed we headed for an early bath, a big checklist round-up, online checking-in and the last supper. We said our goodbyes to Başak afterwards, she was leaving early in the morning to make her date with the BBC tulip documentary film crew in the north-east of Turkey. We wished her luck.

Day 11 Monday 12th May the journey home

A nice leisurely start and plenty of time to pack was a luxury on this busy tour. We all breakfasted and then Phil and Cynthia looked around the local area picking up the last new bird of the tour – laughing dove. Assembled we all headed out to the nearest supermarket and stocked up on Turkish delight, halva and other goodies (pomegranate syrup being a firm favourite). The tiny airport was just 15 minutes away and involved a walk of at least 75 metres from the van to the gate. The flight was nice and short and then we were in Istanbul.

Phil tucked himself away and worked on the report and this devotion to duty cost him a sighting of Kate Humble in departures... Gutting. By the time he resurfaced to see the crew off on their flight to London it was all over.

Systematic List Number 1

Plants

The majority of the taxonomic order and nomenclature has been taken from the Turkish Flora (edited by P H Davis).

Acanthaceae

Acanthus hirsutus Çatal Höyük, Topuzdağı Pass

Anacardiaceae

Cotinus coggygria Ahır Dağ
Pistacia terebinthus East of Cappadocia
Rhus coriaria Bağlıdere Valley, Ahır Dağ

Apiaceae

Astrodaucus orientalis around Tuz Lake
Ferula orientalis Cappadocia
Ferula rigidula Cappadocia, Aladağlar-Maden
Grammosciadum confertum East of Develi
Grammosciadum pterocarpum Püren Pass
Lecokia cretica Püren Pass
Oenanthe silaifolia en route to Develi
Scandix iberica around Ahır Dağ, Pancarlık Valley
Torilis leptophylla Ahır Dağ
Zosima absinthifolia Sarıca Church

Apocynaceae

Vinca herbacea Aladağlar

Aristolochiaceae

Aristolochia maurorum Bağlıdere Valley, Aladağlar

Asteraceae

Achillea biebersteinii on the roadsides around Konya
Achillea lycaonica Çatalhöyük
Bellis perennis scattered
Centaurea depressa widespread; Silile, Çatalhöyük, Ahır Dağ
Centaurea iberica scattered; Kulu Lake
Centaurea pichleri Melendiz Dağ, en route to Develi, Topuzdağı Pass
Centaurea triumphettii en route to Aladağ, around Kayseri
Centaurea urvillei ssp. *armata* Aladağ-Maden
Chardinia orientalis Ahır Dağ
Cirsium arvense subsp. *vestitum* around Konya; Kulu Lake
Cnicus benedictus Silile, Bağlıdere, Taşpınar
Crupina crupinastrum Ahır Dağ
Doronicum orientale Püren pass
Erigeron sp. Aladağ
Gundelia tournefortii scattered; South of Kulu, en route to Aladağ, Devrent

Onopordum karduchorum
Scorzonera cana
Scorzonera eriophora
Senecio vernalis
Sonchus tenerrimus
Tripleurospermum decipiens
Tripleurospermum oreades
Xanthium spinosum

Çatalhöyük road
en route to Develi, Cappadocia area
very hairy..Bağlıdere Valley
widespread
Kulu
Bağlıdere Valley
Aladağlar-Maden
Pancarlık Valley

Berberidaceae

Berberis crataegina

Cappadocia

Boraginaceae

Alkanna orientalis
Alkanna pseudotinctoria
Anchusa arvensis
Anchusa azurea
Anchusa leptophylla
Anchusa strigosa
Anchusa undulata subsp. *hybrida*
Arnebia densiflora
Asperugo procumbens
Brunnera orientalis
Buglossoides arvensis
Cerinthe minor
Cynoglossum montanum
Echium italicum
Heterocaryum szovitsianum
Lappula barbata
Lappula squarrosa
Lithospermum arvenis
Moltkia corulea
Myosotis alpestris
Nonea pulla
Nonea stenolon
Onosma albo-roseum
Onosma aucherianum
Onosma bornmuelleri
Paracaryum calycinum
Paracaryum lithospermifolium
Paracaryum paphlagonicum
Phacelia tanacetifolia
Rindera lanata var. *canescens*
Solenanthus circinnatus
Solenanthus stamineus
Symphytum bornmülleri
Symphytum brachycalyx

widespread; around Cappadocia, Taşpınar
widespread; around Cappadocia, Konya, Taşpınar
Aladağ-Maden
scattered; around Kulu Lake, Develi road
widespread; Kulu area, Cappadocia
Develi road, Ahır Dağ
Bağlıdere Valley, on the roadsides around Kayseri
on the Zelve road in Cappadocia, Devrent
widespread; Çatal Höyük, Kulu, Cappadocia
Develi
Kayseri area, Uçhisar
scattered around Cappadocia
Püren Pass
Develi road
Konya
widespread; around Konya
Konya
Kayseri area
scattered; near Cihanbeyli, Bağlıdere Valley
scattered; Melendiz Dağ
Aladağlar, Büyük Gebzeli Pass
Zelve road in Cappadocia, Taşpınar
Aladağ, Püren Pass
?Taşpınar
around Cappadocia
Cappadocia
Cappadocia
Ahır Dağ
a few km east of Cappadocia
Büyük Gezbeli Pass
Aladağlar and Büyük Gezbeli Pass
Büyük Gezbeli Pass
Büyük Gezbeli Pass
Püren Pass

Brassicaceae

<i>Aethionema arabicum</i>	Bağlıdere Valley
<i>Aethionema cordatum</i>	Aladağlar
<i>Aethionema iberideum</i>	Aladağlar
<i>Aethionema membraneum</i>	Aladağlar
<i>Aethionema stylosum</i>	Büyük Gezbeli Pass
<i>Alyssum minus</i>	Tuzla
<i>Alyssum strigosum</i>	Aladağlar
<i>Arabis caucasica</i>	Aladağlar
<i>Aubretia canescens</i>	Aladağlar
<i>Barbarea minor</i>	Melendiz Dağ
<i>Barbarea plantaginea</i>	Aladağlar,Püren Pass
<i>Boreava orientalis</i>	Derinkuyu
<i>Bornmuellera glabrescens</i>	Taşpınar
<i>Capsella bursa-pastoris</i>	scattered
<i>Cardaria draba</i>	scattered, Çatalhöyük
<i>Conringia orientalis</i>	around Cihanbeyli, Çatalhöyük
<i>Conringia plansliqua</i>	Cappadocia
<i>Conringia perfoliata</i>	scattered; Sille
<i>Crambe orientalis</i>	Cappadocia
<i>Descuraina sophia</i>	scattered; Sille
<i>Draba bruniifolia</i>	Melendiz Dağ, Erciyes Dağ, Aladağlar
<i>Draba polytricha</i>	Erciyes Dağ, Aladağlar
<i>Erophila verna</i>	Aladağlar
<i>Eruca sativa</i>	scattered; Cappadocia
<i>Erysimum thrysoideum</i>	Aladağlar, Büyük Gezbeli Pass
<i>Erysimum torulosum</i>	around Tuz lake
<i>Erysimum sisymbrioides</i>	around Tuz Lake
<i>Fibigia clypeolata</i>	Cappadocia
<i>Fibigia eriocarpa</i>	Aladağlar
<i>Hesperis bicuspidata</i>	Cappadocia
<i>Hesperis campicarpa</i>	Püren Pass
<i>Hesperis pulmonarioides</i>	Aladağlar
<i>Hesperis steveniana</i>	Püren Pass
<i>Iberis taurica</i>	Devrent
<i>Lepidium perfoliatum</i>	Kulu
<i>Lepidium caespitosum</i>	Kulu
<i>Malcolmia chia</i>	Bağlıdere Valley
<i>Neslia apiculata</i>	Cappadocia
<i>Sinapis alba</i>	Çatalhöyük
<i>Sisymbrium irio</i>	Kulu
<i>Thlaspi annuum</i>	Bağlıdere Valley
<i>Thlaspi violascens</i>	Bağlıdere Valley

Campanulaceae

<i>Asyneuma labelioides</i>	Devrent
<i>Legousia speculum-veneris</i>	scattered

Cannabaceae

Humulus lupulus

Bağlıdere Valley

Caryophyllaceae

Cerastium perfoliatum

en route to Develi

Gypsiphila venusta

Devrent

Herniaria glabra

Aladağlar

Holosteum umbellatum

around Taşpınar

Paronychia argentea

scattered

Scleranthus perennis

around Konya

Silene aegyptiaca

en route to Develi

Silene arguta

Cappadocia

Silene capitellata

Büyüz Gebzeli Pass

Silene cappadocica

Taşpınar

Silene conoidea

Cappadocia

Silene dichotoma

Cappadocia

Silene latifolia

Cappadocia

Silene longipetala

Ahır Dağ

Silene otites

Pancarlık Valley

Silene subconica

roadsides around Konya, Pancarlık Valley

Silene supina

Ahır Dağ

Spergularia maritima

near Tuz Lake

Stellaria media

Bağlıdere Valley

Minuartia leucocephala

around Cappadocia

Minuartia hirsuta ssp. *falcata*

Near Saimbeyli

Minuartia recurva

Aladağlar

Chenopodiaceae

Halocnemum strobilaceum

around Tuz Lake

Cistaceae

Cistus salviifolius

Cappadocia

Helianthemum salicifolium

en route to Develi

Convolvulaceae

Convolvulus arvensis

Bağlıdere Valley

Convolvulus assyricus

en route to Develi , Pancarlık Valley

Convolvulus betonicifolia

Ahır Dağ

Convolvulus lineatus

Devrent

Crassulacea

Rosularia globularifolia

Püren Pass

Umbilicus erectus

Püren Pass

Sedum laconicum

Aladağlar

Cupressaceae

Juniperus oxycedrus

Cappadocia

Juniperus excelsa
Juniperus sabina

Püren Pass
Erciyes

Dipsacaceae

Scabiosa rotata

Ahır Dağ

Eleagnaceae

Eleagnus angustifolius

Cappadocia

Ephedraceae

Ephedra major

Devrent

Euphorbiaceae

Andrachne telephioides
Euphorbia anacampteros
Euphorbia denticulata
Euphorbia rigida
Euphorbia szovitsii

Aladağlar
Cappadocia
Aladağlar,Püren Pass
Cappadocia
Devrent

Fabaceae

Anthyllis vulneraria
Astragalus adunca
Astragalus acicularis
Astragalus brachypterus
Astragalus cadmicus
Astragalus christianus
Astragalus condensata

Ahır Dağı
Sille
en route to Develi
Cappadocia
around Tuz Lake
Konya, roadsides at Kayseri
Zelve area, Dervent, very prickly-shrubby, pale pink globose flower heads

Astragalus eriophyllus
Astragalus gymnolobus
Astragalus hamosus
Astragalus macrocephalus
Astragalus macrocephus
Astragalus microcephalus
Astragalus nitens
Astragalus odoratus
Astragalus pelliger
Astragalus pinetorum
Astragalus persicus
Astragalus tigrinus
Astragalus xylobasis
Cercis siliquastrum
Cicer pinnatifidum
Colutea cilicica
Coronilla emerus
Coronilla orientalis
Coronilla scorpioides

Ahır Dağ
Melendiz Dağ
near Çatalhöyük
Ahır Dağ
Cappadocia, Devrent
around Tuz Lake
Zelve area, Aladağlar
Cappadocia
Devrent, dwarf plant with big creamy flowers
Cappadocia
Sarıça Church
Cappadocia, few leaflets, reddish flowers
Zelve area
Konya
Ahır Dağ
Cappadocia,Ahır Dağ
Near Yahyalı
Ahır Dağı
Ahır Dağı

<i>Genista albida</i>	Zelve area, Devrent
<i>Hedysarum cappadocicum</i>	Zelve area
<i>Hippocrepis unisiliquosa</i>	Ahır Dağ
<i>Lathyrus blepharicarpus</i>	near Saimbeyli
<i>Lathyrus brachypterus</i>	Kızıl Vadi-Cappadocia, creamy white flwrs
<i>Lathyrus cicera</i>	near Saimbeyli
<i>Lathyrus nissolia</i>	Near Saimbeyli
<i>Medicago minima</i>	Kulu
<i>Medicago sativa</i>	scattered
<i>Medicago radiata</i>	Ahır Dağı
<i>Medicago polymorpha</i>	Ahır Dağı
<i>Melilotus officinalis</i>	scattered
<i>Onobrychis cornuta</i>	Aladağlar
<i>Onobrychis paucigula</i>	Tuzla
<i>Pisum elatius</i>	Cappadocia
<i>Robinia pseudoacacia</i>	around Konya
<i>Trifolium campestre</i>	Konya
<i>Trifolium resupinatum</i>	around Çatalhöyük
<i>Trigonella astroites</i>	Taşpınar
<i>Trigonella caerulea</i>	Cappadocia
<i>Trigonella monantha</i>	Cappadocia
<i>Vicia noeana</i>	near Çatalhöyük, near Develi
<i>Vicia sativa</i> subsp. <i>nigra</i>	near Çatalhöyük, near Develi
<i>Vicia tetrasperma</i>	Çatalhöyük
<i>Vicia villosa</i>	Near Develi
<i>Vicia pubescens</i>	Cappadocia

Fagaceae

<i>Quercus cerris</i>	Ahır Dağ
<i>Quercus infectoria</i>	Aladağlar
<i>Quercus petraea</i>	Ahır Dağ

Fumariaceae

<i>Corydalis erdelii</i>	Aladağlar, Büyük Gezbeli Pass
<i>Fumaria asepalae</i>	Cappadocia
<i>Fumaria vaillantii</i>	around Çatalhöyük, Cappadocia

Geraniaceae

<i>Biebersteinia orphanidea</i>	Aladağlar, Püren Pass
<i>Blackstonia perfoliata</i>	near Çatalhöyük
<i>Erodium absinthoides</i>	Aladağlar
<i>Erodium cicutarium</i>	widespread
<i>Erodium ciconium</i>	Pınarbaşı Valley
<i>Erodium gruinum</i>	Cappadocia
<i>Geranium cinereum</i> subspecies <i>palmatipartitum</i>	Püren Pass
<i>Geranium divaricatum</i>	Püren Pass
<i>Geranium purpureum</i>	Püren Pass
<i>Geranium pyrenaicum</i>	Püren Pass

<i>Geranium rotundifolium</i>	Püren Pass
<i>Geranium tuberosum</i>	Aladağlar,Püren Pass

Globulariaceae

<i>Globularia trichosantha</i>	Püren Pass, Erciyes
--------------------------------	---------------------

Hypericaceae

<i>Hypericum hyssopifolium</i>	Cappadocia, Ahır Dağ
<i>Hypericum lydium</i>	Ahır Dağ, Erciyes
<i>Hypericum scabrum</i>	scattered; Cappadocia

Lamiaceae

<i>Acinos arvensis</i>	around Kulu Gölü, Taşpınar
<i>Ajuga orientalis</i>	scattered
<i>Ajuga chamaepitys</i>	widespread
<i>Lallemantia peltata</i>	Ahır Dağ
<i>Lamium album</i>	scattered
<i>Lamium amplexicaule</i>	scattered
<i>Lamium garganicum</i>	Aladağlar, Püren Pass
<i>Lamium truncatum</i>	Püren Pass
<i>Marribium parviflorum</i>	Kulu area
<i>Salvia blepharochlorea</i>	Devrent
<i>Salvia caespitosa</i>	Zelve area
<i>Salvia cadmica</i>	Sille
<i>Salvia cryptantha</i>	Cappadocia,Ahır Dağ
<i>Salvia multicaulis</i>	Ahır Dağ
<i>Salvia verbenaca</i>	en route to Develi
<i>Scutellaria orientalis</i>	east of Cappadocia, Erciyes
<i>Scutellaria salviifolia</i>	Ahır Dağ
<i>Sideritis lanata</i>	Taşpınar
<i>Stachys annuus</i>	Taşpınar
<i>Wiedemannia orientalis</i>	scattered; Cappadocia
<i>Ziziphora capitata</i>	Bağlıdere Valley

Linaceae

<i>Linum austriacum</i>	Cappadocia
<i>Linum mucronatum</i>	en route to Develi
<i>Linum hirsutum</i>	around Taşpınar

Loranthaceae

<i>Viscum album</i>	Cappadocia
---------------------	------------

Malvaceae

<i>Malva neglecta</i>	Cappadocia
-----------------------	------------

Moraceae

<i>Morus alba</i>	scattered
<i>Morus nigra</i>	Sille

Nymphaeaceae

Nymphaea alba

Sultan Marshes

Oleaceae

Jasminum fruticans

Red Valley-Cappadocia

Orobanchaceae

Orobanchae caryophyllacea

Cappadocia

Orobanchae cilica

Taşpınar

Orobanchae ramosa

Ahır Dağ

Paeoniaceae

Paeonia mascula subsp. *mascula*

in flower Püren Pass

Papaveraceae

Glaucium corniculatum

scattered on the roadsides around Konya

Glaucium grandiflorum subspecies *grandiflorum*

near Tuz Lake

Hypecoum imberbe

Taşpınar

Hypecoum pendulum

near Çatalhöyük

Papaver clavatum

Ahır Dağ

Papaver hybridum

scattered; Cappadocia

Papaver lacerum

Kulu area

Papaver persica

Ahır Dağ

Papaver stylatum

near Çatalhöyük

Romeria hybrida

around Tuz Lake, Cappadocia

Pinaceae

Abies cilicica

Püren Pass

Cedrus libani

Püren Pass

Pinus brutia

Ahır Dağ

Pinus nigra

Püren Pass

Plantaginaceae

Plantago major

Kulu area

Polygalaceae

Polygala anatolica

Cappadocia

Polygala papilionacea

Aladağlar

Polygala prunosa

Cappadocia

Primulaceae

Androsace villosa

Erciyes Dağ, Aladağlar

Androsace maxima

Cappadocia

Primula auriculata

Aladağlar

Pteridophyta

Asplenium trichomanes

Püren Pass

Ceterach officinarum
Cystopteris fragilis
Cheilanthes persica

Püren Pass
Aladağlar
Püren Pass

Ranunculaceae

Adonis annua
Adonis aestivalis
Adonis eriocalycina
Anemone blanda
Ceratocephalus falcatus
Clematis orientalis
Consolida orientalis
Eranthis hyemalis (lvs)
Helleborus vesicarius
Nigella segetalis
Pulsatilla ablana
Ranunculus arvensis
Ranunculus argyreus
Ranunculus constantinopolitanus
Ranunculus illyricus
Ranunculus damascenus
Ranunculus dissectus
Ranunculus grandiflorus
Ranunculus isthmicus
Ranunculus kotschy
Ranunculus millefolius
Ranunculus myosuroides
Ranunculus repens
Ranunculus sphareospermum
Thalictrum minus

Çatalhöyük
scattered; Cappadocia
around Tuz lake
Aladağlar
Cappadocia
Bağlıdere Valley
widespread; near Çatalhöyük
Aladağlar
Ahır Dağ
en route to Çatalhöyük
Erciyes Dağ
scattered
Cappadocia
scattered; Cappadocia
Saimbeyli (*Muscari macbeathianum* area)
Ahır Dağ
Melendiz Dağ
Melendiz Dağ
widespread; Bağlıdere Valley
Saimbeyli (*Muscari macbeathianum* area)
Saimbeyli (*Muscari macbeathianum* area)
Büyük Gezbeli Pass
scattered
Paşabağ
Püren Pass

Resedaceae

Reseda lutea

widespread

Rosaceae

Amygdalus orientalis
Amygdalus lycoides
Cerasus prostrata
Crataegus monogyna
Geum urbanum
Orthurus heterocarpus
Rosa canina
Rosa hemispherica
Poterium minor
Sanguisorba minor
Sorbus domestica
Sorbus aucuparia
Spiraea hypericifolia

Cappadocia
Aladağlar
Püren Pass
near Çatal Höyük
Püren Pass
Aladağlar
Bağlıdere Valley
Bağlıdere Valley
scattered
Taşpınar
Bağlıdere Valley
Püren Pass
Cappadocia

Rubiaceae

Asperula pestalozzae
Cruciata taurica
Galium aparine
Rubia tinctoria

Devrent
Cappadocia
Çatalhöyük
Çatalhöyük

Rutaceae

Haplophyllum telephioides

Devrent

Salixaceae

Salix eleagnifolius
Populus usbestanica

Çatalhöyük
Çatalhöyük

Scrophulariaceae

Anarrhinum orientale
Linaria chalapensis
Linaria corifolia
Linaria genistifolia
Linaria grandiflora
Linaria simplex
Parantucellia latifolia
Verbascum phoenicum
Verbascum urceolatum
Verbascum vulcanicum
Veronica arvensis
Veronica orientalis

Ahır Dağ
Ahır Dağ
east of Cappadocia
Kızıl Vadi- Cappadocia
near Çatal Höyük
scattered
scattered
Büyük Gezbeli Pass
Taşpınar
Cappadocia (roadsides in the center)
scattered
scattered

Solanaceae

Hyocyamus niger
Hyocyamus reticulatus

Cappadocia
around Kulu Lake, Cappadocia

Styracaceae

Styrax officinalis

Ahır Dağ

Thymelaeaceae

Daphne oleoides subsp. *kurdica*

Aladağlar

Ulmaceae

Ulmus glabra
Ulmus minor

Püren Pass
Bağlıdere Valley

Urticaceae

Urtica dioica

Konya

Valerianaceae

Centranthus longiflorus

Ahır Dağ

<i>Valeriana dioscoridis</i>	scattered; Ahır Dağ
<i>Valeriana officinalis</i>	sacttered; Silile

Violaceae

<i>Viola arvensis</i>	Ahır dağ
<i>Viola kitaibeliana</i>	Melendiz Dağ

Monocotyledons

Amaryllidaceae

<i>Ixilorion tataricum</i>	Aladağlar,near Saimbeyli
----------------------------	--------------------------

Araceae

<i>Arum elongatum</i>	lower areas around Aladağlar, en route to Kayseri
-----------------------	---

Iridaceae

<i>Crocus biflorus</i>	Büyük Gezbeli Pass
<i>Crocus siehanus</i>	Aladağlar
<i>Gladiolus atrovioleaceus</i>	Bağlıdere Valley,near Taşpınar, Aladağlar
<i>Gladiolus italicus</i>	Ahır Dağ
<i>Gladiolus kotschyanus</i>	Ahır Dağ
<i>Iris kirwoodii</i>	Ahır Dağ
<i>Iris mesopotamica</i>	Sille, K. Maraş
<i>Iris sari</i>	Aladağlar
<i>Iris shachtii</i>	Aladağlar
<i>Iris sprengeri</i>	Taşpınar

Liliaceae

<i>Allium flavum</i>	Ahır Dağ
<i>Allium scorodoprasum</i>	Bağlıdere Valley
<i>Asphodeline cilicica</i>	Ahır Dağ
<i>Asphodeline damascena</i>	Cappadocia
<i>Asphodeline globifera</i>	Aladağlar
<i>Bellevalia tauri</i>	Bağlıdere Valley
<i>Colchicum szovitsii</i>	Aladağlar
<i>Eremurus spectabilis</i>	Püren Pass
<i>Fritillaria acmopetala</i>	Püren Pass
<i>Fritillaria amana</i>	Püren Pass
<i>Fritillaria aurea</i>	Aladağlar
<i>Fritillaria persica</i>	Püren Pass
<i>Fritillaria pinardii</i>	Aladağlar,Büyük Gezbeli Pass
<i>Gagea bohémica</i>	Aladağlar
<i>Gagea fistulosa</i>	Aladağlar
<i>Gagea glacialis</i>	Melendiz Dağ
<i>Gagea granatellii</i>	Aladağlar
<i>Gagea peduncularis</i>	Melendiz Dağ
<i>Gagea taurica</i>	Melendiz Dağ

<i>Hyacinthus orientalis</i>	Püren Pass
<i>Muscari armeniacum</i>	Cappadocia, Aladağlar
<i>Muscari aucheri</i>	Melendiz Dağ
<i>Muscari comosum</i>	Bağlıdere Valley
<i>Muscari latifolium</i>	Erciyes Dağ
<i>Muscari macbeathianum</i>	near Saimbeyli
<i>Muscari neglectum</i>	Aladağlar
<i>Muscari tenuiflorum</i>	Bağlıdere Valley
<i>Ornithogalum narbonense</i>	Ahır Dağ
<i>Ornithogalum oligophyllum</i>	Melendiz Dağ, Püren Pass
<i>Ornithogalum orthophyllum</i>	Büyük Gezbeli Pass
<i>Ornithogalum platyphyllum</i>	scattered
<i>Ornithogalum pyrenaicum</i>	Bağlıdere Valley
<i>Ornithogalum sorgerae</i>	Ahır Dağ
<i>Ornithogalum sphaerocarpum</i>	Cappadocia
<i>Ornithogalum umbellatum</i>	around Taşpınar
<i>Ornithogalum wiedemannii</i>	Cappadocia
<i>Tulipa agenensis</i>	Püren Pass
<i>Tulipa armena</i>	near Saimbeyli (<i>Muscari macbeathianum</i> area)

Orchidaceae

<i>Dactylorhiza osmanica</i>	en route to Develi
<i>Orchis coriophora</i>	near Saimbeyli (<i>Muscari macbeathianum</i> area)
<i>Orchis morio</i>	near Saimbeyli (<i>Muscari macbeathianum</i> area)
<i>Orchis pallens</i>	Aladağlar, Erciyes
<i>Orchis pinetorum</i>	Erciyes
<i>Orchis tridentata</i>	near Saimbeyli (<i>Muscari macbeathianum</i> area)
<i>Ophrys transhyrcana</i>	en route to Erciyes from east of Cappadocia

Systematic List Number 2

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>	Kulu Gölü
Red-necked Grebe	<i>Podiceps grisegena</i>	1 Sultan Marshes
Great Crested Grebe	<i>Podiceps cristatus</i>	1 Kulu Gölü and several Sultan Marshes
Little Bittern	<i>Ixobrychus minutus</i>	a male at the Sultan Marshes
Night Heron	<i>Nycticorax nycticorax</i>	2 Kulu Gölü
Squacco Heron	<i>Ardeola ralloides</i>	6+ Sultan Marshes
Little Egret	<i>Egretta garzetta</i>	6+ Sultan Marshes
Great Egret	<i>Egretta alba</i>	4 Kulu Gölü 1 Sultan Marshes
Purple Heron	<i>Ardea purpurea</i>	1 Kulu Gölü and many Sultan Marshes
White Stork	<i>Ciconia ciconia</i>	high numbers east of Konya, scattered elsewhere
Black Stork	<i>Ciconia nigra</i>	30 at the Sultan Marshes
Spoonbill	<i>Platalea leucorodia</i>	1 Sultan Marshes
Greater Flamingo	<i>Phoenicopterus ruber</i>	4000+ at Kulu Gölü and 1 Sultan Marshes
Ruddy Shelduck	<i>Tadorna ferruginea</i>	a few Kulu Gölü
Shelduck	<i>Tadorna tadorna</i>	several Kulu Gölü
Wigeon	<i>Anas Penelope</i>	3 Sultan Marshes
Teal	<i>Anas crecca</i>	several Sultan Marshes
Mallard	<i>Anas platyrhynchos</i>	a few at the Sultan Marshes
Pintail	<i>Anas acuta</i>	4 Kulu Gölü, 2 Sultan Marshes
Garganey	<i>Anas querquedula</i>	several at Sultan Marshes
Shoveler	<i>Anas clypeata</i>	2 males Kulu Gölü
Red-crested Pochard	<i>Netta rufina</i>	6+ Sultan Marshes
Pochard	<i>Aythya ferina</i>	1 Sultan Marshes
Ferruginous Duck	<i>Aythya nyroca</i>	4+ Sultan Marshes
Egyptian Vulture	<i>Neophron percnopterus</i>	singles daily in Cappadocia
Marsh Harrier	<i>Circus aeruginosus</i>	noted at all wetlands
Montagu's Harrier	<i>Circus pygargus</i>	females near Tuz and Cappadocia
Long-legged Buzzard	<i>Buteo rufinus</i>	widespread
Golden Eagle	<i>Aquila chrysaetos</i>	1 adult Aladağlar
Booted Eagle	<i>Aquila pennata</i>	1 Ahir Dağı
Lesser Kestrel	<i>Falco naumanni</i>	Konya and Kulu areas
Common Kestrel	<i>Falco tinnunculus</i>	scattered
Hobby	<i>Falco subbuteo</i>	Tahatli Dağları
Chukar	<i>Alectoris chukar</i>	scattered
Grey Partridge	<i>Perdix perdix</i>	2 Aladağlar
Little Crane	<i>Porzana parva</i>	Sultan Marshes
[Moorhen]	<i>Gallinula chloropus</i>	Sultan Marshes
Coot	<i>Fulica atra</i>	Sultan Marshes
Black-winged Stilt	<i>Himantopus himantopus</i>	Kulu Gölü & Sultan Marshes
Avocet	<i>Recurvirostra avosetta</i>	frequent at Kulu Gölü
Collared Pratincole	<i>Glareola pratincola</i>	Kulu Gölü

Little Ringed Plover	<i>Charadrius dubius</i>	Kulu Gölü
Kentish Plover	<i>Charadrius alexandrinus</i>	1 Kulu Gölü
Spur-winged Plover	<i>Hoplopterus spinosus</i>	1 Kulu Gölü and 3 Sultan Marshes
Lapwing	<i>Vanellus vanellus</i>	Kulu Gölü
Redshank	<i>Tinga tetanus</i>	2 Kulu Gölü
Greenshank	<i>Tringa nebularia</i>	1 Kulu Gölü
Wood Sandpiper	<i>Tringa glareola</i>	Sultan Marshes
Common Sandpiper	<i>Actitis hypoleucos</i>	Kulu Gölü
Little Stint	<i>Calidris minuta</i>	Kulu Gölü
Temminck's Stint	<i>Calidris temminckii</i>	1 Kulu Gölü
Dunlin	<i>Calidris alpina</i>	max of 2 daily at Kulu Gölü
Ruff	<i>Philomachus pugnax</i>	common at Kulu Gölü and noted at Sultan Marshes
Mediterranean Gull	<i>Larus melanocephalus</i>	several on both visits to Kulu Gölü
Black-headed Gull	<i>Larus ridibundus</i>	singles at Kulu Gölü and at Sultan Marshes
Slender-billed Gull	<i>Larus genei</i>	1 at Kulu Gölü
Common Tern	<i>Sterna hirundo</i>	2 at the Sultan Marshes
Gull-billed Tern	<i>Sterna nilotica</i>	at all wetlands
Black Tern	<i>Chlidonias niger</i>	2 at Kulu Gölü
Whiskered Tern	<i>Chlidonias hybridus</i>	small numbers at Sultan Marshes
Rock Dove	<i>Columba livia</i>	ubiquitous, most notably in the dovecotes of Göreme
Turtle Dove	<i>Streptopelia turtur</i>	2 Cappadocia
Collared Dove	<i>Streptopelia decaocto</i>	widespread
Little Owl	<i>Athene noctua</i>	singles near Tuz Gölü and also Sultan Marshes
[Scop's Owl]	<i>Otus scops</i>	heard in Cappadocia
Common Swift	<i>Apus apus</i>	widespread
Alpine Swift	<i>Apus melba</i>	widespread
Roller	<i>Coracias garrulus</i>	common near Konya, just 1 in Cappadocia
Hoopoe	<i>Upupa epops</i>	widespread
Syrian Woodpecker	<i>Dendrocopos syriacus</i>	scattered throughout
Crested Lark	<i>Galerida cristata</i>	common
Skylark	<i>Alauda arvensis</i>	scattered
Short-toed Lark	<i>Calandrella brachydactyla</i>	scattered
Lesser Short-toed Lark	<i>Calandrella rufescens</i>	common Kulu Gölü
Calandra Lark	<i>Melanocorypha calandra</i>	common Kulu Gölü and Sultan Marshes
Bimaculated Lark	<i>Melanocorypha bimaculata</i>	east of Develi
Shore Lark	<i>Eremophila alpestris</i>	Erciyes and Aladağlar
Crag Martin	<i>Ptyonoprogne rupestris</i>	Aladağlar
Swallow	<i>Hirundo rustica</i>	widespread
Red-rumped Swallow	<i>Hirundo daurica</i>	Ahir Dağı
Sand Martin	<i>Riparia riparia</i>	at all wetlands
House Martin	<i>Delichon urbica</i>	scattered
Tree Pipit	<i>Anthus trivialis</i>	1 Kulu Gölü, and one Sultan Marshes
Red-throated Pipit	<i>Anthus cervinus</i>	good numbers at Kulu Gölü, also noted Erciyes and Sultan Marshes
Water Pipit	<i>Anthus spinoletta</i>	Aladağlar
Black-headed Wagtail	<i>Motacilla flava</i>	widespread in suitable habitat

Citrine Wagtail	<i>Motacilla citreola</i>	a fine male at Kulu Gölü
White Wagtail	<i>Motacilla alba</i>	small numbers throughout
Grey Wagtail	<i>Motacilla cinerea</i>	scattered
Radde's Accentor	<i>Prunella ocularis</i>	1 Erciyes and quite common in the Aladağlar, a few seen well
Nightingale	<i>Luscinia megarhynchos</i>	frequently heard, seen a few times in Cappadocia
Rufous Bush-chat	<i>Cercotrichas galactotes</i>	3 at Catal Hoyuk and 1 between Cappadocia and Erciyes
White-throated Robin	<i>Irania guttaralis</i>	Aladağlar
Black Redstart	<i>Phoenicurus ochuros</i>	Erciyes
Common Redstart	<i>Phoenicurus phoenicurus</i>	a few in Cappadocia and Erciyes, the lovely <i>samamiscus</i> males being especially appreciated
Whinchat	<i>Saxicola rubetra</i>	1 en route to Sultan Marshes
Stonechat	<i>Saxicola torquata</i>	just one seen Aladağlar
Northern Wheatear	<i>Oenanthe oenanthe</i>	en route to Develi, Erciyes
Isabelline Wheatear	<i>Oenanthe isabellina</i>	widespread
Black-eared Wheatear	<i>Oenanthe hispanica</i>	widespread and common
Finsch's Wheatear	<i>Oenanthe finschii</i>	2 near Taşpınar
Rock Thrush	<i>Monticola saxatilis</i>	scattered
Blackbird	<i>Turdus merula</i>	only noted once Cappadocia
Ring Ouzel	<i>Turdus torquatus</i>	pair in the Tahtalı Dağı
Cetti's Warbler	<i>Cettia cetti</i>	widespread but rarely seen
Eastern Orphee Warbler	<i>Sylvia crassirostris</i>	1 Cappadocia open air museum
Lesser Whitethroat	<i>Sylvia curruca</i>	scattered records
Whitethroat	<i>Sylvia communis</i>	scattered records
Blackcap	<i>Sylvia atricapilla</i>	scattered
Savi's Warbler	<i>Locustella luscinioides</i>	1 Sultan Marshes
Reed Warbler	<i>Acrocephalus scirpaceus</i>	Sultan Marshes
Sedge Warbler	<i>Acrocephalus schoenobaenus</i>	just 1 Sultan Marshes
Great Reed Warbler	<i>Acrocephalus arundinaceus</i>	Sultan Marshes where common
Moustached Warbler	<i>Acrocephalus melanopogon</i>	Sultan Marshes where quite common
Chiffchaff	<i>Phylloscopus collybita</i>	just one at Kulu
Willow Warbler	<i>Phylloscopus trochilus</i>	scattered
Spotted Flycatcher	<i>Muscicapa striata</i>	a few at Kulu and in Cappadocia
Bearded Tit	<i>Panurus biarmicus</i>	Sultan Marshes
Coal Tit	<i>Parus ater</i>	seen in small numbers en route to Develi
Great Tit	<i>Parus major</i>	scattered throughout
Blue Tit	<i>Parus caeruleus</i>	some in Cappadocia
Krüper's Nuthatch	<i>Sitta krueperi</i>	1 near Saimbeyli
Western Rock Nuthatch	<i>Sitta neumayer</i>	scattered throughout
Penduline Tit	<i>Remiz pendulinus</i>	three at Catal Hoyuk and 2 with a nest seen just outside Cappadocia
Golden Oriole	<i>Oriolus oriolus</i>	scattered siph records Others heard
Red-backed Shrike	<i>Lanius collurio</i>	commonly recorded in suitable habitat
Lesser Grey Shrike	<i>Lanius minor</i>	widely scattered in steppe
Jay	<i>Garrulus glandarius</i>	only noted in the hills east of Cappadocia

Magpie	<i>Pica pica</i>	widespread
Chough	<i>Pyrrhonorax pyrrhonorax</i>	Aladağlar
Alpine Chough	<i>Pyrrhonorax graculus</i>	Aladağlar
Jackdaw	<i>Corvus monedula</i>	scattered
Rook	<i>Corvus frugilegus</i>	Kulu and Cappadocia
Hooded Crow	<i>Corvus corone</i>	widespread
Raven	<i>Corvus corax</i>	rather uncommon
Starling	<i>Sturnus vulgaris</i>	widespread
House Sparrow	<i>Passer domesticus</i>	ubiquitous
Spanish Sparrow	<i>Passer hispaniolensis</i>	only recorded at Catal Hoyuk
Tree Sparrow	<i>Passer montanus</i>	reasonably frequent
Rock Sparrow	<i>Petronia petronia</i>	reasonably frequent - common in Cappadocia
Snow Finch	<i>Montifringilla nivalis</i>	Erciyes and Aladağlar
Chaffinch	<i>Fringilla coelebs</i>	reasonably common
Red-fronted Serin	<i>Serinus pusillus</i>	Püren Pass and the Aladağlar
Goldfinch	<i>Carduelis carduelis</i>	widespread
Greenfinch	<i>Carduelis chloris</i>	just one in Cappadocia
Linnet	<i>Carduelis cannabina</i>	Small numbers in the mountains
Rock Bunting	<i>Emberiza cia</i>	scattered
Ortolan Bunting	<i>Emberiza hortulana</i>	scattered
Cretzschmar's	<i>Emberiza caesia</i>	2 on Melendiz Dağı
Bunting		
Black-headed Bunting	<i>Emberiza melanocephala</i>	common in suitable habitat thereafter
Corn Bunting	<i>Miliaria calandra</i>	reasonably frequent in open country

Systematic List Number 3

Butterflies

Swallowtail	<i>Papilio machaon</i>	Scattered
Scarce Swallowtail	<i>Iphiclides podalarius</i>	Singles twice in Cappadocia
Clouded Apollo	<i>Parnassius mnemosyne</i>	Veronica saw one somewhere
Eastern Steppe Festoon	<i>Zerynthia deyrolli</i>	throughout
Eastern Wood White	<i>Leptidea duponcheli</i>	Probably this species noted in Cappadocia
Large White	<i>Pieris brassicae</i>	widespread
Green-veined White	<i>Pieris napi</i>	Various sites
Small White	<i>Pieris rapae</i>	scattered
Eastern Dappled White	<i>Euchloe ausonia</i>	Top of Love Valley, Cappadocia
Eastern bath White	<i>Pontia edusa</i>	Irene photographed one in Cappadocia
Orangetip	<i>Anthocharis cardamines</i>	scattered
Gruner's Orangetip	<i>Anthocharis gruneri</i>	A few in Cappadocia
Sooty Orangetip	<i>Zegris eupheme</i>	Seen daily in Cappadocia
Berger's Clouded Yellow	<i>Colias alfacariensis</i>	Cappadocia
Clouded Yellow	<i>Colias crocea</i>	Widespread
Brimstone	<i>Gonepteryx rhamni</i>	One in Cappadocia
Green Hairstreak	<i>Callophrys rubi</i>	scattered
Pfeiffer's Green Hairstreak	<i>Callophrys paulae</i>	Probably this species on its foodplant <i>Onobrychis cornuta</i> in the Aladaglar
Levantine Vernal copper	<i>Tomares nesimachus</i>	Several seen in Cappadocia and near Kulu Golu
Turkish Fiery Copper	<i>Lycaena ochimus</i>	1 in Cappadocia
Small Copper	<i>Lycaena phlaeas</i>	widespread
Sooty Copper	<i>Lycaena tityrus</i>	widespread
Lesser Fiery Copper	<i>Lycaena thersamon</i>	scattered
Long-tailed Blue	<i>Lampides boeticus</i>	One in Cappadocia
Eastern Short-tailed Blue	<i>Cupido decoloratus</i>	Probably this species in Catal Hoyuk
Little Blue	<i>Cupido minimus</i>	Red Valley, Cappadocia
Osiris Blue	<i>Cupido osiris</i>	widespread
Green-underside Blue	<i>Glaucopsyche alexis</i>	widespread
Anatolian Green-underside Blue	<i>Glaucopsyche astraea</i>	1 in Cappadocia
Lesser Checkered Blue	<i>Scolitantides vicrama</i>	Cappadocia
Brown Argus	<i>Aricia agestis</i>	scattered
Blue Argus	<i>Aricia anteros</i>	Nigel photographed at least two in Cappadocia
Mountain Argus	<i>Aricia artaxerxes</i>	Nigel photographed at least two
Eastern Brown Argus	<i>Aricia eurypilus</i>	Cappadocia
Mazarine Blue	<i>Cyaniris semiargus</i>	Just two seen in Cappadocia
Amanda's Blue	<i>Polyommatus amanda</i>	scattered
Adonis Blue	<i>Polyommatus bellargus</i>	scattered
Pontic Blue	<i>Polyommatus coelestinus</i>	1 in Cappadocia
Small Anatolian Blue	<i>Polyommatus cornelia</i>	Noted in Cappadocia and also at the Ophrys transhyrcana site en route to the Sultan Marshes
Common Blue	<i>Polyommatus icarus</i>	Not very common!
Chapman's Blue	<i>Polyommatus thersites</i>	widespread
Large Tortoiseshell	<i>Nymphalis polychloros</i>	One in Capadocia

Painted Lady	<i>Cynthia cardui</i>	widespread
Queen of Spain Fritillary	<i>Issoria lathonia</i>	scattered
Glanville Fritillary	<i>Melitaea cinxia</i>	scattered
Knapweed Fritillary	<i>Melitaea phoebe</i>	scattered
Dalmatian Ringlet	<i>Protoerebia afra</i>	frequent in Cappadocia
Eastern Meadow Brown	<i>Maniola telmessia</i>	Yayladağı.
Small Heath	<i>Coenonympha pamphilus</i>	widespread
Wall Brown	<i>Lasiommata megera</i>	scattered
Oberthur's Grizzled Skipper	<i>Pyrgus armoricanus</i>	Catal Hoyuk
Aegean Skipper	<i>Pyrgus melotis</i>	Cappadocia
Hungarian Skipper	<i>Spialia orbifer</i>	Cappadocia
Mallow Skipper	<i>Carcharodus alceae</i>	scattered