

# Datça

## *Wildlife at Leisure*

### A Greentours Trip Report

21<sup>st</sup> – 28<sup>th</sup> April 2022

Led by Ian Green

#### **Day 1      April 21<sup>st</sup>    to Pamukkale**

Everyone this year on the Datça was coming from the Kaş tour so no need to pop into Dalaman Airport! From Kaş we first descended to Kalkan where we said goodbye to the Mediterranean coast and then headed north up through the Eşen Valley. Ak Dağı was huge and white to our right, and later we could see it from its northern even whiter flank as we ascended into the plateaus we would traverse for the next couple of hours. All the time snow-capped mountains were on all sides as we drove across flat cultivated plains or through juniper-dotted limestone slopes. Mehmet our driver convinced us to drop the picnic idea and stop in a roadside café which we enjoyed, the food being very much your real truck stop grub. Some refreshing tea later and we were on our way eventually descending past the shoulder of mighty Honaz Dağı into the million strong city of Denizli. From here it was but a short journey across the lowland to the travertine terraces of Pamukkale, visible all the way from Denizli. We finally managed a 'wildlife' stop here in some steppe on the edge of Pamukkale itself. We explored the grassy slope for half an hour. There was *Muscari caucasicum* and two *Ornithogalums* – *umbellatum* and *comosum*. Some red *Anemone coronaria* was joined by both *Adonis flammea* and diminutive *annua*. There was an abundant yellow fenugreek *Trigonella astroites* and the altogether more refined blue *Trigonella coerulescens*. *Ranunculus isthmicus* had the characteristic long curved achenes. Crested Larks and Magpies were the birds. There were a number of butterflies including Mallow Skipper and Common Blue. Then it was to the hotel for check-in and the evening meal.

#### **Day 2      April 22<sup>nd</sup>    Pamukkale & Babadağ**

Nigel took a wonder down the road in the morning finding several Spotted Flycatchers.

After breakfast Elvan met the group and took them to explore Pamukkale for the morning.

After lunch at the site we headed out for an afternoon enjoying the varied flora and fauna of the wide Menderes? Valley and the mountain slopes beyond. We passed White Storks on their nest before turning up into the quiet roads heading up to Babadağ. This is a most singular small town. Aside from its rather lovely position betwixt highly eroded steppic valleys and forested slopes its main

attraction is colour. Every house seemed a different colour – it was rather reminiscent of one of the Mexican Pueblas Magicos. We drove up through the narrow streets soon reaching the forest above. These forests are most unusual. They represent a southwestern outlier of the northern woodlands of the Black Sea region. Most obvious to start with was the abundance of oaks (only just coming into leaf) with *Quercus frainetto*, *Quercus cerris* and *Quercus pubescens* all visible in the few hundred metres after the town. Further on we also saw *Quercus infectoria*. We stopped by a little narrow valley dominated by a curious mix of walnut, plane trees and most abundant, Sweet Chestnut! Nowhere else in the region can one find woodlands of this species. There were also Common Hornbeam too. Bonelli's Warblers and Kruper's Nuthatches could be heard around us and there were also Wrens and a Robin. A couple of Green-underside Blues caused much interest, and other butterflies included Large Tortoiseshell, Comma, Small Copper, Eastern Festoon and False Apollo. The large yellow heads of *Doronicum orientale* dotted the steep slopes. On rocks we spotted *Cystopteris fragilis*, *Asplenium trichomanes* and both *Polystichum aculeatum* and *Polystichum setiferum*. The little strawberry *Potentilla micrantha* had pale pink flowers. There were clumps of Primrose, lovely little pale blue *Viola sieheana*, and the little bells of *Fritillaria milasense*.

We moved downhill to some open steppe areas between orchards and heavily eroded chalky slopes. First up was the lovely orange-red and yellow *Cystopsis dorycniifolia* form beautiful mounds by the roadside. Also here was *Coronilla emerus* and *Gonocytisus angulosus*. There were some nice patches of *Daphne sericea* in pink bloom. Lesser Whitethroats sang from the flowering pears and cherries. We found some very flowery steppe. The mounds of *Alyssum sibircum* were impressive along with the abundant blue blooms of *Legousia pentagyna*. There were clumps of *Trigonella cretica* and fine purple flowered *Anchusa undulata*. Other plants of note here were *Hypecoum pseudograndiflorum*, *Hesperis*, *Leopoldia caucasicum*, and *Silene subconica*. Crucifers included a *Fibigia*, *Bunias eriocarpa*. Scarce Swallowtails hill-topped and a Nettle-Tree Butterfly flew around a ... Nettle Tree.

Then it was back to the hotel for some relaxation before we met up again for dinner.

### Day 3      April 23<sup>rd</sup>      Honaz Dağı and to Datça

A strange dawn this morning, bright and sunny first thing but by breakfast time the haze and some cloud had descended though it was certainly warm. Nigel had been out and about and had managed shots of a female Pallid Harrier flying over!

We departed for the heights of Honaz Dağı at 09.30. This time we drove straight up above the town and into the forest. Our first stop was a brief one to take a look at *Saxifraga graeca*, apparently a new find in mainland Turkey?

Then it was up to the pass and along the ridgetop road, made easy because of the wind turbines installed there a couple of years back. These were huge! We parked up amongst them and trying to ignore the sound of the wind through them we explored a track. Mind you it was difficult to ignore the wind coursing across the ridge we parked on! Still it was a little more sheltered once we started walking the track. Immedately obvious all around us was sheets and sheets of palest pink *Moenchia mantica*. This little relative of the champions put on a memorable show. Scattered amongst it were blue *Scilla bifolia* and a lovely blue *Veronica*. Northern Wheatears, Tawny Pipits and Rock Thrushes were

noted, and a Raven hung in the air above us. Further along were found a marvellous snowmelt pastiche with egg-yolk yellow *Crocus chrysanthus*, rich blue *Scilla bifolia* and palest lemon *Primula vulgaris*. There was also plentiful *Gagea bithynica* and *Corydalis wendeloi*. Slightly further away from the snow was *Fritillaria carica* just about to open its now green buds. Ortolan Bunting hopped about the vegetation. Two Short-toed Eagles sailed overhead.

Then it was time to descend. We stopped many hundreds of metres below by an old graveyard where there stones from the Selcuk period. We took our picnic here. Amongst the gravces was a rich flora including *Ornithogalum armeniacum* (*sandrasicum?*), *Bellevalia neglectum*, *Cnicus benedictus* and *Linaria simplex*. There was an abundance of Fabaceae that included *Ornithopus compressus*, *Lathyrus digitatus*, *Lathyrus blepharicarpos*, *Vicia cuspidata*, *Vicia lathyroides* and an assortment of *Trigonellas*.

After lunch it was a case of get our heads down and drive to Datça. There was much of interest along the way, but not time to stop for it!

## Day 4      April 24<sup>th</sup>      Haytbükü

After a leisurely and rather excellent breakfast we drove across the side of Boz Dağı before dropping down to the sea at the southern foot of the 1100m high mountain. The views up to its peak were quite stunning in the clear morning sun. There were a few oohs and aahs as we drive past some very flowery displays on the way down. Not to worry our morning was full of blooms!

We started in a little valley by the sea just outside Haytbükü. Here there were olive groves and maquis on the valley floor and stunning phrygana on the slopes around. Straight off the bus we found the one of the star turns of the day, the lovely 'Spoonwing' *Nemoptera sinuata*. These delicate beauties look half butterfly half dragonfly but are more graceful than either. We were to see very many in the day. Plants soon got under way with a whole hoard of species in flower. There was a wonderful *Glaucium flavum* in full fresh flower looking altogether more attractive than the Western Mediterranean plants. *Cistus monspeliensis* and *Cistus creticus* of a particularly lurid pink bloomed profusely as did the *Genista acanthoclada*. There was a 'chunky' umbel named *Hippomarathrum cristatum* and lots of little white umbels including *Caucaulis platycarpus*, *Bunium ferulaceum* and *Tordylium apulum*. The strange little caparid *Cleome ornithopodoides* bloomed in the dry river gravels. We soon found our first orchids – these a tongue orchid, *Serapias bergonii*, and there were also lots of *Orchis sancta* about to bloom. Best orchid award went to the gorgeous large flowered *Ophrys fuciflora* subsp *oblita* (aka *episcopalis*). We saw *Ornithogalum sphaerocarpum* and *Gladiolus italicus*. There was as usual a tremendous variety of peas. Here was *Trifolium clypeatum*, *Trifolium pauciflorum*, *Trifolium argutum*, *Trifolium boissieri* and *Trifolium angustifolium*. *Scorpiurus muricatus* and *Hymenolobus circinnatus*. We also found *Silene behen* and *Silene echinospermoides*. Butterflies were relatively few with only a few Dappled Whites and Swallowtails, the latter including at least one Southern Swallowtail. We did however see a Green Hairstreak or two and a strange Green-underside Blue that was later confirmed as Anatolian Green-underside Blue *Glaucopsyche astraea* which must represent the westernmost record of species that is not normally seen west of Antalya/Isparta. Sardinian Warblers chattered in the undergrowth and we heard Bee-eaters overhead but the main bird highlight was a pair of lovely Masked Shrikes which we watched for some minutes.

We walked back towards the beach cafes stopping to admire the wonderful landscape here. A double-cove with flowered-covered hillsides inland and a lovely flat-calm sea offshore backed by cliffs at either end. Tourism had made only a relatively benign impact here. We walked down to the beach and most of us enjoyed a swim. The water was lovely though a little cool! Refreshed we took lunch in a beachside restaurant – lahmacun (a sort of Turkish pizza) or fresh fish were the order of the day along with a nice selection of starters. We took a little walk further along the road. Here we found deep-red Turban Buttercups and a fine display of a smaller gladiolus, this one *anatolicus*. Other nice finds included *Hypericum* cf. *atomarium*, *Gagea graeca*, and the little fern *Annogramma leptophylla*.

It was already three o'clock so we ended the afternoon up the mountain a bit where we first explore a little olive grove replete with a smothering of *Convolvulus althaeoides*. Mental note – these flowers open at 9 and close at 3. So a bit earlier would have been good! There were wonderful displays of Crown Daisy and the *Hippomarathrums* and *Ferulas* were a bit special. *Orobanche caryphyllocea* 'fed' on Pitch Trefoil and we also found another *Orobanche*. There was a Bear's Breech about to flower. There were Mallow Hairstreaks by the road and in the Crown Daisies Nigel discovered some Sloe Hairstreaks. A Lesser Grey Shrike flew by.

Our last stop was up into the pine forest. Here we found the striking bright red parasitic *Cytinus hypocistus* on the Cistus bushes. Also in this habitat was *Aristolochia hirta* and a number of Dense-flowered Orchids, these already over. Along the roadside banks was a nice display of *Campanula lyrata*. Last new plants of the day were *Trifolium hirsutum* and *Trifolium speciosum*, the latter a lovely species with purple flowers.

## **Day 5      April 25<sup>th</sup>      Karamanbasi Tepe**

Another beautiful sunny morning as we headed east along the peninsula to the remote northern side of the peninsula. Here we spent the morning exploring the tracks that stretch along the north flank of the mountains in the national park. We saw only two people all day! This part is hardly populated. In part because of the harsh growing conditions as evidenced by the rather stunted trees planted years ago by the forestry.

We started amongst surely one of the tour highlights. A marvellous population of *Serapias cordigera*. There were hundreds of them. Aside from being in tip-top condition they were also many magnificent many-flowered specimens. Most had the pale hoods and deep brown-red lips typical of the species. A few had pale lime-green hoods. And one stunning plant was almost entirely pale lime-green with just the lips side lobes being red-brown. To make things even better there were abundant *Gladiolus anatolicus* amongst them. It was a beautiful sight. Two other plants featured strongly – the little *Polygala monspeliaca*, and the tall *Jurinea consanguinea*, a very refined 'thistle'. Karen found an extraordinary creature. It had dressed itself in a little home of cut pine needles and was shuffling quietly along the forest floor. Nigel told us it was a 'bag moth' and later confirmed that it was *Thyridopteryx ephemeraeformis*, the Evergreen Bagworm – what an amazing camouflage! There were a number of dragonflies here a consequence of the forestry water-holding tank by which we were parked.

Now we headed down through the 'Caracal Forest'. This is an extensive area of forest where Caracals are known to live. Trap cameras revealed quite a decent population here. But to see one... well it would take a lot of effort we think! Instead there were donkeys. These are feral here. There was also a Hoopoe and lots of Jays as we moved along the tracks. There was a small population of *Allium orientale* trackside. Green-underside Blues and Green Hairstreaks were quite common. A shiny and colourful Rosemary Beetle sat on some... French Lavender. Soon we moved a couple of kilometres on by vehicle and started our walk down a gorge to the sea. Above the gorge we could hardly get going so many new plants appeared. There was a new *Verbascum*, a fine *Ferulago* and the extraordinary rounded coriaceous leaves of the rare serpentinite endemic *Eryngium thorifolium*. But surely the best was the sublime love-heart lilac *Iberis pruitii*. Butterflies teased here. Fritillaries coursed up and down the track Nigel eventually getting pictures to prove Knapweed Fritillary. Black-veined Whites were noted too. The striking *Hypericum atromarium* was a good find and there was also *Petrohagia velutina*. We started down the gorge in earnest, lunchtime fast approaching. Storax bushes line the path and there were some fine shrublets of *Jasmiium fruticans* smothered in yellow blooms. *Allium subhirsutum* flowered on the gorge walls with *Gagea graeca*. Southern Swallowtail and Telmessian Meadow Brown appeared. Nigel got photos of a Pygmy Skipper.

We took our picnic down by the seashore. It was a very pleasant spot and allowed for some swimming as the picnic and ay were prepared. Offshore were Shags and Yelkouan Shearwaters. On the beach we found *Limonium sinuatum* and *Anthemis rigida*, the latter smothered in red spider mites. We headed back up to the minibus stopping to enjoy some *Liquidamabar* lining the stream.

Now we headed for Gebekum. This beach had been protected for many years as an example of how the seashore formed in last few millenia. As a consequence large areas of low dune have a more or less intact dune flora. Acres of Venus's Looking-Glass was joined by the widespread *Paronychia argentea* and the diminutive dune specialist *Paronychia echinulata*. Crested Larks called all the time we were there and there was a distant Woodchat Shrike. We found the odd *Hypocoum torulosum*. Nigel photographed a Sand Lizard.

## Day 6      April 26<sup>th</sup>      Murdala

It was back to the west this morning. We were soon passing the shoulder of Boz Dağı, stopping as two raptors floated above the slopes. Two Short-toed Eagles. Then it was up through Cumali and onto the dirt road that would be our friend for the rest of the day. But not Mehmet's friend. He decided the road was too rough for the minibus. Anticipating this I had bought the car along and so its shuttle day again. However first there was half an hour where we left the minibus. Here there was a large covered water cistern. Inside the water was only a few steps down. It would be there well into the summer. Sadly two Kotschy's Geckos had perished in it and an Eastern Rock Mouse too. Nigel photographed a Cretschmarr's Bunting on the tree by its side. The flora roundabout was rather flowery. The three Cistuses, *salvifolia*, *cretica* and *parviflora* provided a wonderful pastiche. Dotted amongst them were the yellows of *Genista* and the blues of *Lithodora*. Of note here was *Astragalus sesamus*. Tiny *Evax (Filago) pymaea* dotted the ground.

The first shuttle took us just a couple of minutes along the track. Here we encountered the rare *Achillea cretica*. A fine species. Opposite grew the even more lovely *Campanula hagielia* with a little *Campanula lyrata* for comparison further along. We spent the morning walking slowly along the track towards Murdala through increasingly lush and tall maquis. Lovely *Cyanus segetum* flowered here and there and we found *Smyrniium creticum* and several fine plants of *Ophrys fuciflora* subspecies *oblita* (aka *episcopalis*). Rüppell's Warblers sang from cover. Overhead we looked for raptors but to no avail. What looked an Eleonora's Falcon sped past but the only bird we positively identified in the skies was a Kestrel.

We shuttled down to the beach at Murdala. What a lovely little unspoilt spot. The only other person there was a spear-fisherman who said this beach hadn't changed in the forty years he'd been visiting it. We parked up under some impressively large Tamarisks and had a nice picnic. Most of the group took advantage of the warm sunny weather and lovely bay to have a swim. A yellow wagtail or two were in the salty flats behind the beach. Here were patches of halophytic vegetation with sedges such as *Carex colchica* and chenopods such as *Atriplex prostrata* and *Halimione portulacoides*. *Salicornia europaea* was picked fresh for the picnic! Just behind the salty areas were round fields with impressive blooms of Giant Fennel. These had a few insects visiting them including a large hornet and the stripy black and red shieldbug *Graphosoma semipunctatum*. Southern Swallowtails cruised around the place and we saw Eastern Frestoon, finding the foodplant, *Aristolochia hirta*.

Then it was shuttles back up to the waiting minibus and back to the hotel.

## **Day 7      April 27<sup>th</sup>      Knidos & Bağlarözü Beach**

Just after dawn I checked out the beach at Gebekum. Nightingale, Whinchat and a Green Turtle were there.

Another fine sunny morning... We headed straight to the very western tip of the peninsula this morning. The last ten kilometres saw us negotiating narrow village streets and increasingly flowery hillsides full of *Convolvulus*, *Euphorbias* and *Cistus*.

Knidos is an extensive area of mainly Greek remains from around two thousand years ago when this city was part of the Dorian hexapolis and the seat of the 60 strong senate. The structure of the site is what fires my imagination, it is so perfect. An island, now only occupied by a lighthouse, is joined to the island by a sand bar. This has built up over a causeway made in ancient times. On the landward side was much of the ancient city. Most appealing though is the double harbour – protected harbours face both southeast and northwest. The stark flowery hillsides and deep blue sea make for a really sublime landscape.

We spent the morning pottering about the site. There was much flora and fauna to see too. Agamas peeled off their rock-top watchpoints at regular intervals. Black-eared Wheatears were very common, so too Rüppell's Warblers. A Yellow Wagtail and a few White Wagtails were noted. Blue Rock Thrushes, Sardinian and Subalpine Warblers too. There were no less than five adult Audouin's Gulls in the south harbour. Ravens flew overhead. Right by the car park we were treated to a wonderful display of large mauve-blue flowered *Matthiola sinuata*. *Mesembryanthemum nodiflorum* showered the

shores. One area was literally splashed purple by *Frankenia pulverulenta*, hugging the ground. *Limonium sinuatum*, as is its wont, flowered with equally dense patches of yellow *Glebionis segetum*. The little *Sedum littoreum* flowered yellow on rocks.

I took a walk out to the lighthouse. Worthwhile certainly, but a little hard going for half an hour. Still the scene at the end was wonderful. Deep blue water hugged the vari-coloured cliffs, these with an unusual vegetation of the *Matthiola*, lovely *Achillea cretica* and the unusual thistle *Cardopatum corymbosum*. Offshore I searched for dolphins and shearwaters but none were to be seen, only a single Audouin's Gull. There was much of interest in the flora though. Delicate and pretty *Bupleurum gracile* dotted open areas along with a selection of *Plantagos*. *Teucrium scorodoprasum* was looking amazing in a purple and black format! I walked back past a cliff with a few fine plants of both the *Matthiola* and even more impressive *Brassica cretica*. *Cymbalaria longipes* smothered parts of the cliff.

We spent the afternoon in Bağlarözü, a little cove where we had chance to swim. It was pretty warm now so the chance to cool off in the seas was much appreciated. There were urchins and peacock worms under the water. Above Olivaceous Warblers sang quietly from the bushes on the hillsides. A forty minute wander through the almond and olive groves in the valley floor and the abutting hillsides yielded an amazing variety of little legumes, many of them already in seed. *Scorpiurus muricatus* had coiled bristly little scorpion seeds. *Coronilla scorpioides*'s scorpions were just coiling... Lots of *Trifolium squarrosum* lined the seaside areas a little further inland the superficially similar *Trifolium argutum* took over. In sometimes damp areas there was lots of *Trifolium echinatum*. *Medicagos* were ridiculously varied – here was *coronata*, *disciformis*, *minima*, *polymorpha*, and *orbiculata*. There was also *Trigonella gladiata* and *Hippocrepis ciliata*. The always common *Pallenis spinosa* was joined here by its look-a-like *Asteriscus aquaticus* – the latter non-spiny on the floral leaves. There were a number of umbels with *Tordylium apulum*, *Daucus broteri* and an *Echinophora*, the latter not yet in flower. The yellow flax was *Linum nodiflorum*. There were Painted Ladies, European Swallowtails and Nigel photographed some nice fresh Lesser Fiery Coppers.

Then it was back towards Datça stopping off at a big organic almond and olive farm. Here we perused the farm shop goods before taking various delights away with us. It was back to the hotel and some time to relax before the dinner which was tonight saç kavurma, little pieces of beef, onion, tomato and green pepper delicately cooked on a metal plate...

## Day 8      April 28<sup>th</sup>      Köyceğiz's Liquidambar Forest

We said goodbye to half the group at 07.30. The rest of us took a late breakfast and said our goodbyes to the very friendly and efficiently people at the Eski Datça Hotel at 10.00. Then we were off eastwards along the narrow peninsula, fabulous views in all directions all the way. We made a stop by Karamanbası Tepe to confirm the identity of those lovely *Serapias* from a few days previously and indeed they were still *Serapias cordigera*. They still looked wonderful. *Hypericum atromarium* was in fine bloom too. Then it was off along the serpentinite ridge. The roadsides had little lilac patches of *Iberis pruitii* and in places a blue haze of *Cyanus segetum*, the local cornflower.

We now drove without stopping to Köyceğiz, and along the lake shore to the liquidambar woods beyond. These are beautiful at any season but now were at the height of their spring freshness. The

woods were full of birdsong, especially Nightingales. Many warblers also chuntered away – Blackcaps and Olivaceous Warblers among them. Lizards scurried through the undergrowth and a large pale tortoise was admired. Frogs were abundant. We soon found Yellow Flag amid a sea of buttercups – these *Ranunculus neapolitanus*. There was an abundance of water dropwort too – this *Oenanthe silaifolia* as well as a little *Oenanthe fistulosa*. Clambering through smilax and *Humulus lupulus* was the Silk Vine *Periploca graeca*, this with the first lovely flower in bloom. Speckled Woods were here and there. We found a large patch of Adder’s-Tongue Fern enjoying the shade, the plants really quite large. There were sedges everywhere with some nice clumps of *Carex remota*. The mainly white and yellow scene amid the brilliant greenery was broken in just one or two spots by pink *Orchis palustris*. There was much *Ranunculus marginatus* and one ditch was lined by Adder’s-Tongue Spearwort, *Ranunculus ophioglossifolius*. Chaffinches and Great Tits were common and a Short-toed Tree-creeper put in a brief appearance. Green Woodpeckers called and so did Lesser Spotted Woodpeckers but the only one we saw was a Syrian Woodpecker.

We took a light lunch of borek and simek of course with some fresh tea. Some council guys appeared, it turned out harvesting the young smilax shoots for their evening salad! Afterwards we took another brief walk in the forest before heading to the marshes. Here we met Fan-tailed Warblers and Turtle Doves and a single Pygmy Cormorant was nice. The ditches were full of *Ceratophyllum spicatum* and a little *Ranunculus trichophyllos*. *Carex colchica* formed dense stands on the salty ground. The *Iris xanthospuria* were not yet in flower (not even close).

We headed for the lakeside restaurant in Köyceğiz and enjoyed a very pleasant early dinner with the wonderful vista of lake and pine-clad hills in front of us. Then it was off to Dalaman Airport just half an hour away for the evening flight.

## Systematic List Number 1      The Flora

The majority of the nomenclature has been taken from the Turkish Flora (edited by P H Davis). Non-woody dicot and monocot species are in flower unless otherwise stated.

### *Acanthaceae*

*Acanthus spinosus* scattered in the Datça area

### *Aceraceae*

*Acer monspessulanum* Honaz Dağı

### *Aizoaceae*

*Carpobrotus edulis* Murdala

*Mesembryanthemum nodiflorum* Knidos

### *Anacardiaceae*

*Cotinus coggygria* scattered

*Pistacia lentiscus* widespread

*Pistacia terebrinthus* widespread

*Schinus molle* Hayıtbükü

### *Apiaceae*

*Anthiscus nemorosus* Köyceğiz Liquidambar Forests

*Bunium ferulaceum* frequent in the Datça area

*Bupleurum gracile* Knidos

*Caucalis platycarpus* coastal sites around Datça

*Crithmum maritimum* Murdala

*Daucos broteroi* Knidos

*Daucus guttatus* coastal sites around Datça

*Eryngium maritimum* Gebekum Beach

*Eryngium thorifolium* Karamanbaşı Tepe – in leaf only

*Ferula communis* widespread

*Ferulago mughlae* Murdala

*Hippomarathrum cristatum* Hayıtbükü and near Knidos

*Lagoecia cuminoides* frequent in the Datça area

*Opopanax hispidus* frequent in the Datça area

*Orlaya daucoides* Gebekum Beach

*Oenanthe aquatica* Köyceğiz Marshes

*Oenanthe fistulosa* Köyceğiz Marshes

*Oenanthe silaifolia* Köyceğiz Liquidambar Forests

*Scandix australis* Denizli area where common

*Scandix pecten-veneris* widespread

*Smyrniium connatum* Denizli area

*Smyrniium creticum* Murdala

*Tordylium apulum* Knidos

*Torilis arvensis* Murdala

*Torilis leptophylla* scattered

## ***Apocynaceae***

*Nerium oleander*

throughout

*Periploca graeca*

Köyceğiz Liquidambar Forests

## ***Araliceae***

*Hedera helix*

Köyceğiz Liquidambar Forests

## ***Aristolochiaceae***

*Aristolochia hirta*

scattered in the Datça area

*Aristolochia parviflora*

Knidos

## ***Asteraceae***

*Achillea cretica*

Murdala and Knidos

*Anthemis cretica*

scattered

*Anthemis rigida*

most beaches around the Datça area

*Anthemis tomentosa*

Gebekum Beach and Knidos

*Asteriscus aquaticus*

Bağlarözü

*Atractylis cancellata*

scattered in the Datça area

*Bellis annua*

forests above Babadağı, Honaz Dağı

*Bellis perennis*

widespread

*Calendula arvensis*

scattered

*Calendula suffruticosum*

Pamukkale

*Cardopatum corymbosum*

amazing blue thistle by the lighthouse at Knidos but not quite yet in flower!

*Carduus argentatus*

scattered

*Carduus pycnocephalus*

widespread

*Centaurea solstitialis*

Knidos

*Cichorium intybus*

scattered

*Cnicus benedictus*

Pamukkale

*Crepis* spp

widespread

*Crupina crupinastrum*

scattered

*Cyanus segetum*

locally abundant in the Datça area

*Cyanus triumfetti*

ridge above Babadağı, Honaz Dağı

*Dittrichia viscosa*

common at low altitude mostly not in flower yet

*Doronicum orientale*

forests above Babadağı, Honaz Dağı

*Echinops spinosissimum*

scattered throughout

*Filago eriocephala*

scattered

*Filago (Evax) pygmaea*

*Murdala*

*Geropogon hybridus*

scattered

*Glebionis coronarium*

widespread

*Glebionis segetum*

scattered

*Hedypnois cretica*

beaches

*Hedypnois rhagadioloides*

scattered

*Helichrysum orientale*

gorge below Karamanbaşı Tepe

*Helichrysum stoechas*

widespread

*Hieracium pannosum*

steppe below Babadağı, Honaz Dağı

*Inula heterolepis*

Knidos

<i>Lapsana communis</i>	forests above Babadağı, Honaz Dağı
<i>Notobasis syriaca</i>	widespread
<i>Pallenis spinosa</i>	widespread
<i>Phagnalon rupestre</i>	widespread
<i>Picnomon acarna</i>	widespread, not in flower yet
<i>Picris rhagadioloides</i>	Murdala
<i>Ptilostemon chamaepeuce</i>	widespread
<i>Rhagadiolus stellatus</i>	widespread
<i>Scolymus hispanicus</i>	Hayıtbükü
<i>Scorzonera cana</i>	steppe in the Denizli area
<i>Scorzonera elata</i>	widespread
<i>Senecio vernalis</i>	scattered
<i>Senecio vulgaris</i>	scattered
<i>Silybum marianum</i>	widespread
<i>Sonchus asper</i>	scattered
<i>Sonchus oleraceus</i>	scattered
<i>Tragopogon crocifolius</i>	scattered in the Datça area
<i>Tragopogon porrifolius</i>	steppes in the Denizli area

### **Berberidaceae**

<i>Berberis crataegina</i>	forests above Babadağı, Honaz Dağı
<i>Bongardia chrysogonum</i>	steppes below Babadağı, Honaz Dağı

### **Betulaceae**

<i>Alnus orientalis</i>	Köyceğiz Liquidambar Forests
<i>Carpinus betulus</i>	forests above Babadağı, Honaz Dağı

### **Boraginaceae**

<i>Alkanna areolata</i>	ridge above Babadağı, Honaz Dağı
<i>Alkanna tinctoria</i>	steppes in the Denizli area
<i>Alkanna sp</i>	Knidos
<i>Anchusa azurea</i>	scattered
<i>Anchusa undulata hybrida</i>	widespread
<i>Buglossoides arvensis</i>	scattered
<i>Buglossoides incrassata</i>	ridge above Babadağı, Honaz Dağı
<i>Cynoglossum creticum</i>	scattered in the Datça area
<i>Echium angustifolium</i>	scattered around Datça coasts
<i>Echium plantagineum</i>	scattered in the Datça area
<i>Lappula barbata</i>	steppes in the Denizli area
<i>Lithodora hispidula</i>	frequent in phrygana in the Datça area
<i>Myosotis sp</i>	several seen!
<i>Myostis ramosissima</i>	forests above Babadağı, Honaz Dağı
<i>Neatostema apulum</i>	south side of ridge above Babadağı, Honaz Dağı
<i>Onosma bornmuelleri</i>	steppes in the Denizli area
<i>Onosma frutescens</i>	Murdala
<i>Onosma taurica</i>	steppes in the Denizli area

### **Brassicaceae**

<i>Alliaria petiolata</i>	forests above Babadağı, Honaz Dağı
<i>Alyssum aurantiacum</i>	ridge above Babadağı, Honaz Dağı
<i>Alyssum sibiricum</i>	fine species common on steppes in the Denizli area. Also several other species unidentified!
<i>Arabis alpina</i>	forests above Babadağı, Honaz Dağı
<i>Arabis verna</i>	ridge above Babadağı, Honaz Dağı
<i>Biscutella didyma</i>	scattered in the Datça area
<i>Brassica cretica</i>	Knidos
<i>Cakile maritima</i>	all coastal sandy sites
<i>Calepina irregularis</i>	forests above Babadağı, Honaz Dağı
<i>Capsella bursa-pastoris</i>	scattered
<i>Cardamine graeca</i>	forests above Babadağı, Honaz Dağı
<i>Cardamine hirsuta</i>	forests above Babadağı, Honaz Dağı
<i>Erophila verna</i>	ridge above Babadağı, Honaz Dağı
<i>Eruca sativa</i>	scattered
<i>Fibigia</i> sp	steppe below Babadağı, Honaz Dağı
<i>Hesperis</i> sp	steppe below Babadağı, Honaz Dağı
<i>Isatis</i> sp	steppe below Babadağı, Honaz Dağı
<i>Lepidium squamatum</i>	Knidos. Actually looks more like didymium but need to check as its not known from Turkey!
<i>Malcolmia flexuosa</i>	Knidos
<i>Matthiola sinuata</i>	Knidos
<i>Matthiola tricuspidata</i>	coastal sandy sites
<i>Sinapis arvensis</i>	scattered
<i>Sisymbrium irio</i>	scattered
<b>Cactaceae</b>	
<i>Opuntia ficus-indica</i>	Hayıtbükü
<b>Caesalpiniaceae</b>	
<i>Ceratonia siliqua</i>	widespread
<b>Campanulaceae</b>	
<i>Campanula drabifolia</i>	Murdala
<i>Campanula erinus</i>	Hayıtbükü
<i>Campanula hagielia</i>	Murdala
<i>Campanula lyrata</i>	Hayıtbükü and Murdala
<i>Legousia pentagonia</i>	steppe in the Denizli area
<i>Legousia speculum-veneris</i>	common in the Datça area
<b>Capparaceae</b>	
<i>Capparis spinosa</i>	scattered in the Datça area
<i>Cleome ornithopodioides</i>	scattered in the Datça area
<b>Caprifoliaceae</b>	
<i>Lonicera etrusca</i>	Hayıtbükü
<b>Caryophyllaceae</b>	

<i>Arenaria leptoclados</i>	Murdala
<i>Cerastium dichotomum</i>	ridge above Babadağı, Honaz Dağı
<i>Cerastium glomeratum</i>	forests above Babadağı, Honaz Dağı
<i>Cerastium gracile</i>	ridge above Babadağı, Honaz Dağı
<i>Holosteum umbellatum</i>	forests above Babadağı, Honaz Dağı
<i>Moenchia mantica</i>	abundant on the ridge above Babadağı, Honaz Dağı
<i>Paronychia argentea</i>	common at all coastal sites
<i>Paronychia echinulata</i>	Gebekum beach. Very delicate species.
<i>Petrohagia dubia</i>	Knidos
<i>Petrohagia velutina</i>	Karamanbaşı Tepe
<i>Silene behen</i>	scattered
<i>Silena colorata</i>	costal sandy sites
<i>Silene echinospermoides</i>	Hayıtbükü
<i>Silene italica</i>	Karamanbaşı Tepe
<i>Silene subconica</i>	steppes in the Denizli area
<i>Silene vulgaris</i>	scattered throughout
<i>Spergularia marina</i>	Murdala
<i>Stellaria media</i>	Köyceğiz Liquidambar Forests
<i>Telephium imperati</i>	steppe in the Denizli area

### **Chenopodiaceae**

<i>Atriplex prostrata</i>	Murdala
<i>Halimione portulacoides</i>	Murdala and Knidos
<i>Salicornia europaea</i>	Murdala

### **Cistaceae**

<i>Cistus creticus</i>	widespread in the Datça area
<i>Cistus laurifolius</i>	frequent forests above Babadağı, Honaz Dağı. Not in flower yet
<i>Cistus parviflorus</i>	frequent in the Datça area
<i>Cistus salvifolius</i>	widespread in the Datça area
<i>Fumana thymifolia</i>	widespread in the Datça area
<i>Tuberaria guttata</i>	

### **Convolvulaceae**

<i>Convolvulus althaeoides</i>	widespread in the Datça area
<i>Convolvulus arvensis</i>	Bağlarözü
<i>Convolvulus compactus</i>	Murdala and Knidos
<i>Convolvulus lanatus</i>	Gebekum Beach
<i>Convolvulus siculus</i>	Hayıtbükü

### **Crassulaceae**

<i>Rosularia</i> sp	not in flower
<i>Sedum caespitosum</i>	scattered
<i>Sedum littoreum</i>	Knidos
<i>Umbilicus</i> sp	

### **Dipsacaceae**

*Knautia integrifolia*

scattered

### **Ericaceae**

*Arbutus andrachne*

common along the north side of the Datça peninsula

*Erica arborea*

Karamanbaşı Tepe

*Erica manipuliflora*

widespread – autumn-flowering

### **Euphorbiaceae**

*Euphorbia acanthothamnus*

frequent in the Datça area

*Euphorbia anacampseros*

widespread in the Denizli area

*Euphorbia characias* ssp. *wulfeni*

widespread

*Euphorbia dendroides*

Datça coasts

*Euphorbia helioscopia*

scattered

*Euphorbia paralais*

Gebekum beach

*Euphorbia peplus*

scattered

*Mercurialis annua*

scattered

*Ricinus communis*

scattered

### **Fabaceae**

*Anagyris foetida*

Hayıtbükü

*Anthyllis tetraphylla*

widespread

*Astragalus angustiflorus*

steppe in the Denizli area

*Astragalus sesameus*

Murdala

*Bituminaria bituminosa*

widespread

*Calycotome villosa*

widespread and abundant

*Cercis siliquastrum*

a few in the Denizli area

*Coronilla scorpioides*

scattered

*Cystisopsis dorycniifolia*

Murdala

*Genista acanthoclada*

widespread

*Gonocytisus angulatus*

tall willowy shrub. Above Babadağı, Honaz Dağı

*Hippocrepis ciliata*

Bağlarözü

*Hippocrepis emerus*

scattered

*Hippocrepis unisiliquosa*

Pamukkale

*Hymenocarpus circinnatus*

widespread

*Lathyrus annus*

ditches near Köyceğiz Liquidambar Forests

*Lathyrus aphaca*

Karamanbaşı Tepe

*Lathyrus blepharicarpus*

scattered throughout

*Lathyrus digitatus*

north side of ridge above Babadağı, Honaz Dağı

*Lathyrus setifolius*

Murdala

*Lotus halophilus*

coastal

*Lotus ornithopodoides*

Hayıtbükü and Murdala

*Lupinus* spp

Datça area – already in seed

*Medicago arabica*

Köyceğiz Liquidambar Forests

*Medicago coronata*

Bağlarözü

*Medicago disciformis*

widespread

*Medicago marina*

coastal sands

*Medicago minima*

Bağlarözü

*Medicago murex*

Murdala

<i>Medicago orbicularis</i>	widespread
<i>Medicago polymorpha</i>	widespread
<i>Melilotus italica</i>	scattered – very large-leaved
<i>Onobrychis aequidentata</i>	north side of ridge above Babadağı, Honaz Dağı
<i>Onobrychis caput-gallii</i>	Hayıtbükü
<i>Ononis natrix</i>	widespread
<i>Ononis viscosa</i>	scattered
<i>Ornithopus compressus</i>	north side of ridge above Babadağı, Honaz Dağı
<i>Pisum sativum</i>	forests above Babadağı, Honaz Dağı
<i>Robinia pseudacacia</i>	widely planted and naturalized
<i>Scorpiurus muricatus</i>	scattered
<i>Securigera cretica</i>	scattered
<i>Spartium junceum</i>	scattered in Denizli area
<i>Trifolium angustifolium</i>	frequent in the Datça area
<i>Trifolium argutum</i>	Hayıtbükü and Bağlarözü
<i>Trifolium arvense</i>	north side of ridge above Babadağı, Honaz Dağı
<i>Trifolium boissieri</i>	Hayıtbükü
<i>Trifolium campestre</i>	widespread
<i>Trifolium clypeatum</i>	locally common
<i>Trifolium hirtum</i>	scattered
<i>Trifolium mesogitanum</i>	Karamanbaşı Tepe
<i>Trifolium nigrescens</i>	scattered
<i>Trifolium pauciflora</i>	Hayıtbükü
<i>Trifolium repens</i>	Köyceğiz Liquidambar Forests
<i>Trifolium resupinatum</i>	Köyceğiz Liquidambar Forests
<i>Trifolium scabrum</i>	Karamanbaşı Tepe
<i>Trifolium speciosum</i>	Hayıtbükü and Murdala
<i>Trifolium spumosum</i>	Bağlarözü
<i>Trifolium squamosum</i>	scattered
<i>Trifolium stellatum</i>	widespread
<i>Trifolium tomentosum</i>	scattered
<i>Trifolium uniflorum</i>	above Hayıtbükü
<i>Trigonella astroites</i>	frequent in steppe in the Denizli area
<i>Trigonella coerulescens</i>	frequent in steppe in the Denizli area
<i>Trigonella cretica</i>	steppe below Babadağı, Honaz Dağı
<i>Vicia bithynica</i>	north side of ridge above Babadağı, Honaz Dağı
<i>Vicia cretica</i>	north side of ridge above Babadağı, Honaz Dağı
<i>Vicia cuspidata</i>	forests above Babadağı, Honaz Dağı
<i>Vicia grandiflora</i>	forests above Babadağı, Honaz Dağı
<i>Vicia hybrida</i>	Karamanbaşı Tepe
<i>Vicia lathyroides</i>	steppe below Babadağı, Honaz Dağı
<i>Vicia narbonensis</i>	scattered
<i>Vicia sativa</i>	Köyceğiz Liquidambar Forests
<i>Vicia tetrasperma</i>	scattered
<i>Vicia villosa</i>	widespread

### **Fagaceae**

<i>Castanea sativa</i>	locally dominant in forests above Babadağı, Honaz Dağı
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<i>Quercus aucheri</i>	Bağlarözü
<i>Quercus cerris</i>	locally dominant in forests above Babadağı, Honaz Dağı
<i>Quercus coccifera</i>	widespread
<i>Quercus frainetto</i>	local in forests above Babadağı, Honaz Dağı
<i>Quercus ilex</i>	gorge below Karamanbaşı Tepe
<i>Quercus infectoria</i>	locally common throughout
<i>Quercus ithaburensis</i>	subspecies <i>macrolepis</i> . Scattered in the Datça area
<i>Quercus pubescens</i>	local in forests above Babadağı, Honaz Dağı
<b>Frankeniaceae</b>	
<i>Frankenia pulverulenta</i>	Knidos
<b>Fumariaceae</b>	
<i>Fumaria macrocarpa</i>	north side of ridge above Babadağı, Honaz Dağı
<b>Gentianaceae</b>	
<i>Centaurium spicatum</i>	probably this species Gebekum beach
<b>Geraniaceae</b>	
<i>Erodium ciconium</i>	widespread
<i>Erodium cicutarium</i>	dunes etc
<i>Erodium malacoides</i>	scattered in the Denizli area
<i>Erodium moschatum</i>	scattered in the Denizli area
<i>Geranium dissectum</i>	Köyceğiz Liquidambar Forests
<i>Geranium lucidum</i>	common in forests above Babadağı, Honaz Dağı
<i>Geranium molle</i>	common in the Denizli area
<i>Geranium purpureum</i>	widespread in the Datça area
<i>Geranium pusillum</i>	north side of ridge above Babadağı, Honaz Dağı
<i>Geranium rotundifolium</i>	widespread in the Datça area
<i>Geranium tuberosum</i>	common in steppe in Denizli area
<b>Haloragaceae</b>	
<i>Myriophyllum spicatum</i>	common in water in Köyceğiz marshes
<b>Hamamelidaceae</b>	
<i>Liquidambar orientalis</i>	dominant in Köyceğiz Liquidambar Forests and also frequent in valleys in the Datça area
<b>Hypericaceae</b>	
<i>Hypericum atomarium</i>	Karamanbaşı Tepe
<i>Hypericum empetrifolium</i>	widespread in the Datça area
<b>Juglanaceae</b>	
<i>Juglans regia</i>	widely planted
<b>Lamiaceae</b>	
<i>Acinos rotundifolius</i>	forests above Babadağı, Honaz Dağı
<i>Ajuga orientalis</i>	local in forests above Babadağı, Honaz Dağı

<i>Ajuga chamaepitys</i>	steppe below Babadağı, Honaz Dağı
<i>Ballota acetabulosa</i>	widespread in the Datça area
<i>Lamium amplexicaule</i>	widespread in the Datça area
<i>Lamium moschatum</i>	widespread
<i>Lamium psidicum</i>	forests above Babadağı, Honaz Dağı
<i>Lavandula stoechas</i>	widespread in the Datça area
<i>Mentha aquatica</i>	common in water in Köyceğiz marshes
<i>Micromeria juliana</i>	scattered in the Datça area
<i>Phlomis lycia</i>	widespread
<i>Prasium majus</i>	widespread
<i>Rosmarinus officinalis</i>	Hayıtbükü
<i>Salvia fruticosa</i>	widespread
<i>Salvia verbenaca</i>	widespread
<i>Salvia viridis</i>	north side of ridge above Babadağı, Honaz Dağı
<i>Satureja thymbra</i>	widespread
<i>Sideritis alba</i>	Hayıtbükü
<i>Sideritis lanata</i>	scattered
<i>Stachys recta</i>	subspecies subcrenata. Hayıtbükü
<i>Teucrium brevifolium</i>	scattered
<i>Teucrium divaricatum</i>	Bağlarözü
<i>Teucrium polium</i>	scattered

### **Lauraceae**

<i>Laurus nobilis</i>	locally abundant in the Datça area
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### **Linaceae**

<i>Linum bienne</i>	scattered
<i>Linum corymbulosum</i>	scattered
<i>Linum nodiflorum</i>	Murdala
<i>Linum strictum</i>	Hayıtbükü
<i>Linum trigynum</i>	north side of ridge above Babadağı, Honaz Dağı

### **Malvaceae**

<i>Alcea pallida</i>	scattered in the Datça area
<i>Althaea hirsuta</i>	Hayıtbükü
<i>Malva arborea</i>	Murdala
<i>Malva cretica</i>	frequent in the Datça area
<i>Malva sylvestris</i>	scattered

### **Mimosaceae**

<i>Acacia cyanophylla</i>	widely naturalised
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### **Moraceae**

<i>Ficus carica</i>	widespread
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### **Myrtaceae**

<i>Eucalyptus</i> species	planted
<i>Myrtus communis</i>	widespread

## **Nymphaceae**

*Nymphaea alba* in water in Köyceğiz marshes

## **Oleaceae**

*Fraxinus angustifolius* in Köyceğiz Liquidambar Forests  
*Jasminum fruticans* scattered in the Datça area  
*Olea europea* widespread as a crop but also wild plants seen  
*Phillyrea latifolia* widespread

## **Orobanchaceae**

*Bellardia trixago* Hayıtbükü  
*Orobanche caryophyllacea* Karamanbaşı Tepe  
*Orobanche ramosa* scattered  
*Orobanche pubescens* scattered  
*Parentucellia latifolia* widespread  
*Parentucellia viscosa* scattered in the Datça area

## **Oxalidaceae**

*Oxalis pres-caprae* frequent in the Datça area

## **Papaveraceae**

*Hypecoum pseudograndiflorum* steppe in the Pamukkale area  
*Hypecoum torulosum* Gebekum Beach  
*Corydalis erdelii* ridge above Babadağı, Honaz Dağı  
*Papaver spp* Gebekum Beach  
*Papaver dubium* scattered  
*Papaver lacerum* steppe in the Denizli area  
*Papaver rhoeas* widespread

## **Plantaginaceae**

*Bellardia trixago* Murdala  
*Cymbalaria longipes* cliffs at Knidos  
*Linaria simplex* north side of ridge above Babadağı, Honaz Dağı  
*Misopates orontium* scattered in the Datça area  
*Plantago afra* Hayıtbükü  
*Plantago cretica* locally abundant in the Datça area  
*Plantago lagopus* locally abundant in the Datça area  
*Plantago lanceolata* Murdala  
*Plantago loeflingii* Murdala. Tiny!  
*Plantago scabra* scattered in the Datça area  
*Plantago weldenii* Karamanbaşı Tepe  
*Veronica anagallis-aquatica* Köyceğiz Liquidambar Forests  
*Veronica anagalloides* Köyceğiz Liquidambar Forests  
*Veronica arvensis* scattered in steppe  
*Veronica cymbalaria* forests above Babadağı, Honaz Dağı

## **Platanaceae**

*Platanus orientalis*

widespread

### **Plumbaginaceae**

??????

*Limonium sinuatum*

steppe near Denizli

*Limonium virgatum*

common along Datça coasts

Köyceğiz marshes

### **Polygalaceae**

*Polygala monspeliaca*

Karamanbaşı Tepe

### **Polygonaceae**

*Polygonum convolvulus*

Knidos

*Rumex bucephalophorus*

widespread

*Rumex pulcher*

ditches in Köyceğiz Liquidambar Forests

### **Primulaceae**

*Anagallis arvensis*

widespread

*Cyclamen hederifolium*

leaves on Boz Dagi

### **Punicaceae**

*Punica granatum*

widespread in cultivation occasionally naturalised

### **Ranunculaceae**

*Adonis annua*

steppes around Pamukkale

*Adonis macrocarpa*

steppes around Pamukkale

*Anemone blanda* .

forests above Babadağı, Honaz Dağı

*Anemone coronaria*

forests above Babadağı, Honaz Dağı

*Ranunculus argyreus*

forests above Babadağı, Honaz Dağı

*Ranunculus arvensis*

steppe below Babadağı, Honaz Dağı

*Ranunculus asiaticus*

Hayıtbükü – red form

*Ranunculus chius*

widespread in the Datça area

*Ranunculus creticus*

cliffs at Knidos

*Ranunculus ficaria*

just about over in forests above Babadağı, Honaz Dağı

*Ranunculus isthmicus stepporum*

common in steppe in the Denizli area

*Ranunculus marginatus*

Köyceğiz marshes

*Ranunculus muricatus*

scattered

*Ranunculus neapolitanus*

?common in Köyceğiz Liquidambar Forests

*Ranunculus ophioglossifolius*

Köyceğiz Liquidambar Forests

*Ranunculus paludosus*

Karamanbaşı Tepe

*Ranunculus trichophyllus*

Köyceğiz marshes

### **Rhamnaceae**

*Paliurus spina-cristi*

Denizli area

*Rhamnus oleioides*

Hayıtbükü

### **Rosaceae**

*Amygdalus communis*

forests above Babadağı, Honaz Dağı

*Amygdalus webbii*

steppes in the Denizli area

<i>Crataegus azarolus</i>	frequent in forests above Babadağı, Honaz Dağı
<i>Crataegus laevigata</i>	forests above Babadağı, Honaz Dağı
<i>Potentilla micrantha</i>	forests above Babadağı, Honaz Dağı
<i>Prunus avium</i>	forests above Babadağı, Honaz Dağı
<i>Prunus spinosa</i>	forests above Babadağı, Honaz Dağı
<i>Pyrus amygdaliformis</i>	Karamanbaşı Tepe
<i>Pyrus communis</i>	forests above Babadağı, Honaz Dağı
<i>Rubus sancta</i>	Köyceğiz Liquidambar Forests
<i>Sanguisorba minor</i>	scattered
<i>Sarcopoterium spinosum</i>	widespread at low altitudes

### **Rubiaceae**

<i>Crucianella latifolia</i>	Bağlarözü
<i>Crucianella macrostachya</i>	scattered in the Datça area
<i>Cruciata taurica</i>	ridge above Babadağı, Honaz Dağı
<i>Galium aparine</i>	Köyceğiz Liquidambar Forests
<i>Rubia peregrina</i>	forests above Babadağı, Honaz Dağı
<i>Rubia tenuifolia</i>	frequent in the Datça area
<i>Sherardia arvensis</i>	widespread
<i>Theligonum cynocrambe</i>	Hayıtbükü
<i>Valantia hispida</i>	scattered

### **Rutaceae**

<i>Ruta chalepensis</i>	scattered in the Datça area – in bud
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### **Salicaceae**

<i>Salix alba</i>	marshes in Köyceğiz
<i>Salix pedicellata</i>	forests above Babadağı, Honaz Dağı

### **Santalaceae**

<i>Osyris alba</i>	scattered in the Datça area
<i>Viscum album</i>	forests around Babadağı, Honaz Dağı

### **Saxifragaceae**

<i>Saxifraga graeca</i>	forests above Babadağı, Honaz Dağı
<i>Saxifraga sibirica</i>	forests above Babadağı, Honaz Dağı

### **Scrophulariaceae**

<i>Scrophularia lucida</i>	widespread
<i>Scrophularia peregrina</i>	scattered in the Datça area
<i>Scrophularia umbrosa</i>	Köyceğiz Liquidambar Forests
<i>Verbascum propontideum</i>	above Hayıtbükü
<i>Verbascum</i> sp	My key - AeFIMOQS(R)VW236(?). Datça town
<i>Verbascum</i> sp	My Key - AEGIMNP(Q)R(T)VZ2(1)469(8) Hayıtbükü

### **Solanaceae**

<i>Hyoscyamus aureus</i>	gorge below Karamanbaşı Tepe
<i>Mandragora officinalis</i>	widespread in the Datça area, mostly in fruit

### **Styracaceae**

*Styrax officinalis*

widespread

### **Tamaricaceae**

*Tamarix smyrnensis*

frequent around coasts in the Datça area

### **Thymelaeaceae**

*Daphne gnidioides*

Knidos etc

*Daphne oleoides*

ridge above Babadağı, Honaz Dağı

*Daphne sericea*

steppes below Babadağı, Honaz Dağı

### **Ulmaceae**

*Celtis australis*

forests above Babadağı, Honaz Dağı

*Ulmus canescens*

Köyceğiz Liquidambar Forests

### **Urticaceae**

*Parietaria judaica*

scattered

*Urtica urens*

noted

### **Valerianaceae**

*Valeriana officinalis*

widespread

*Valerianella* spp

several noted

### **Verbenaceae**

*Vitex agnus-castus*

common on the Datça peninsula

### **Violaceae**

*Viola occulta*

ridge above Babadağı, Honaz Dağı

*Viola odorata*

forests above Babadağı, Honaz Dağı

*Viola sieheana*

forests above Babadağı, Honaz Dağı

### **Vitaceae**

*Vitis vinifera*

Köyceğiz Liquidambar Forests

## **Monocotyledons**

### **Alliaceae**

*Allium neapolitanum*

Hayıtbükü

*Allium sphaerocephalum*

steppe in the Denizli area

*Allium subhirsutum*

scattered in the Datça area

### **Araceae**

*Arisarum vulgare*

leaves

*Arum dioscoridis*

Hayıtbükü

*Dracunculus vulgaris*

Hayıtbükü not in flower yet

### **Asparagaceae**

*Asparagus acutifolius*

widespread

### **Asphodelaceae**

*Asphodelus ramosus*

(*aestivus* is now thought to occur only in the western med).

Widespread

*Asphodeline lutea*

forests above Babadağı, Honaz Dağı

### **Dioscoraceae**

*Tamus communis*

Köyceğiz Liquidambar

### **Graminaceae**

*Briza maxima*

scattered

*Briza minor*

Karamanbaşı Tepe

*Lagurus ovatus*

widespread

*Piptatherum virescens*

scattered

### **Hyacinthaceae**

*Drimia maritima*

leaves frequent – autumn-flowering

*Leopoldia caucasica*

frequent in the Denizli area

*Leopoldia comosa*

widespread

*Leopoldia weissii*

frequent around Datça

*Muscari macrocarpum*

in seed at Hayıtbükü

*Muscari nelgectum*

locally common in the Denizli area

*Ornithogalum comosum*

scattered in Datça area

*Ornithogalum cydni*

forests above Babadağı, Honaz Dağı

*Ornithogalum orthophyllum*

ridge above Babadağı, Honaz Dağı

*Ornithogalum narbonense*

Hayıtbükü

*Ornithogalum sandasicum*

scattered in Datça area

*Ornithogalum sphaerocarpum*

widespread in Datça area

### **Iridaceae**

*Crocus chrysanthus*

on the ridge above Babadağı, Honaz Dağı

*Gladiolus anatolicus*

scattered in Datça area

*Gladiolus italicus*

Hayıtbükü

*Moraea sisyrinchium*

Murdala

*Iris albicans*

scattered

*Iris germanica*

scattered

*Iris pseudacorus*

Köyceğiz marshes

*Iris unguicularis carica*

forests above Babadağı, Honaz Dağı

*Romulea ramiflora*

in seed Murdala

### **Juncaceae**

*Juncus acutus*

common in wet areas by the sea

*Juncus bufonius*

Gebekum beach

*Juncus gerardius*

Köyceğiz marshes

### **Liliaceae**

*Fritillaria carica*

on the ridge above Babadağı, Honaz Dağı

<i>Fritillaria milasense</i>	forests above Babadağı, Honaz Dağı
<i>Gagea bithynica</i>	on the ridge above Babadağı, Honaz Dağı
<i>Gagea peduncularis</i>	forests above Babadağı, Honaz Dağı
<i>Ruscus aculeatus</i>	
<i>Scilla bifolia</i>	on the ridge above Babadağı, Honaz Dağı
<i>Smilax aspera</i>	frequent in the Datça area
<b>Orchidaceae</b>	
<i>Anacamptis pyramidalis</i>	Hayıtbükü
<i>Anacamptis sancta</i>	Hayıtbükü and in good flower at Bağlarözü
<i>Himantoglossum robertianum</i>	a recently finished spike at Hayıtbükü
<i>Limodorum abortivum</i>	above Hayıtbükü
<i>Neotinea maculata</i>	several population seen, some in good flower, in the Datça area
<i>Ophrys fuciflora oblita</i>	widespread in the Datça area
<i>Orchis anatolica</i>	Murdala
<i>Orchis laxiflora</i>	Köyceğiz marshes
<i>Orchis palustris</i>	Köyceğiz Liquidambar Forests
<i>Serapias bergoni</i>	Hayıtbükü
<i>Serapias cordigera</i>	fine populations with variable colour forms at Karamanbaşı Tepe
<b>Ephedraceae</b>	
<i>Ephedra foeminea</i>	Köyceğiz Liquidambar Forests
<b>Equisetaceae</b>	
<i>Equisetum arvense</i>	Köyceğiz Liquidambar Forests
<i>Equisetum ramosissimum</i>	Köyceğiz Liquidambar Forests
<b>Pteridophyta</b>	
<i>Anogramma leptophylla</i>	scattered on rocks in the Datça area
<i>Asplenium trichomanes</i>	forests above Babadağı, Honaz Dağı
<i>Ceterach officinarum</i>	throughout
<i>Cheilanthes acrostica</i>	forests above Babadağı, Honaz Dağı
<i>Dryopteris pallida</i>	forests above Babadağı, Honaz Dağı
<i>Ophioglossum vulgatum</i>	Köyceğiz Liquidambar Forests
<i>Polystichum aculeatum</i>	forests above Babadağı, Honaz Dağı
<i>Polystichum setiferum</i>	forests above Babadağı, Honaz Dağı
<i>Selaginella denticulata</i>	scattered
<b>Cupressaceae</b>	
<i>Cupressus sempervirens</i>	scattered in the Datça area
<i>Juniperus excelsa</i>	Honaz Dağı
<i>Juniperus oxycedrus</i>	Honaz Dağı
<b>Pinaceae</b>	
<i>Pinus brutia</i>	widespread
<i>Pinus nigra</i>	Honaz Dağı
<i>Pinus pinea</i>	scattered in the Datça area

## Systematic List Number 2      Birds - Datça

The taxonomy and order of the following list largely follows Voous (1977, List of Recent Holarctic Bird Species).

Mediterranean Shearwater	<i>Puffinus yelkouan</i>	3 from beach
Pygmy cormorant	<i>Phalacrocorax pygmeus</i>	1 in Hamitköy Marsh, Köyceğiz
Little egret	<i>Egretta garzetta</i>	Hamitköy Marsh, Köyceğiz
Great egret	<i>Casmerodius albus</i>	Hamitköy Marsh, Köyceğiz
Grey heron	<i>Ardea cinerea</i>	just one or two noted
White stork	<i>Ciconia ciconia</i>	noted on nests a couple of times
Honey Buzzard	<i>Pernis apivorus</i>	1 on Karamanbası Tepe
Short-toed eagle	<i>Circus gallicus</i>	most common raptor
Marsh harrier	<i>Circus aeruginosus</i>	Hamitköy Marsh, Köyceğiz and one near Denizli
Long-legged buzzard	<i>Buteo rufinus</i>	a scatter of records
Common kestrel	<i>Falco tinnunculus</i>	only noted a couple of times
Yellow-legged gull	<i>Larus michahellis</i>	scattered
Audouin's Gull	<i>Ichthyaetus audouinii</i>	5 at Knidos
Rock dove	<i>Columba livia</i>	scattered – the wild form. A few feral ones too
Collared dove	<i>Streptopelia decaocto</i>	scattered
Turtle Dove	<i>Streptopelia turtur</i>	scattered
Common swift	<i>Apus apus</i>	scattered
Alpine swift	<i>Apus melba</i>	scattered
Hoopoe	<i>Upupa epops</i>	just the odd one...
European Bee-eater	<i>Merops apiaster</i>	Gebikum Beach
Green woodpecker	<i>Picus viridis</i>	heard in liquidambar woods, Köyceğiz
Syrian Woodpecker	<i>Dendrocopos syriacus</i>	1 seen in liquidambar woods, Köyceğiz
Lesser spotted woodpecker	<i>Dendrocopus minor</i>	heard in liquidambar woods, Köyceğiz
Crested lark	<i>Galerida cristata</i>	scattered
Woodlark	<i>Lullula arborea</i>	Honaz Dağı
Swallow	<i>Hirundo rustica</i>	widespread
Red-rumped swallow	<i>Hirundo daurica</i>	scattered
House martin	<i>Delichon urbica</i>	scattered
Black-headed wagtail	<i>Motacilla flava</i>	a few behind peninsula beaches
Grey Wagtail	<i>Motacilla cinerea</i>	Honaz Dağı
White wagtail	<i>Motacilla alba</i>	scattered
Wren	<i>Troglodytes troglodytes</i>	Honaz Dağı
Robin	<i>Erithacus rubecula</i>	Honaz Dağı
Nightingale	<i>Luscinia megarhynchos</i>	heard a few times on the peninsula
Black redstart	<i>Phoenicurus ochrurus</i>	Honaz Dağı
Common redstart	<i>Phoenicurus phoenicurus</i>	Honaz Dağı
Whinchat	<i>Saxicola rubetra</i>	Gebikum Beach
Stonechat	<i>Saxicola torquata</i>	Honaz Dağı
Northern wheatear	<i>Oenanthe oenanthe</i>	Honaz Dağı where very common
Black-eared wheatear	<i>Oenanthe hispanica</i>	scattered
Blue rock thrush	<i>Monticola solitarius</i>	Knidos
Blackbird	<i>Turdus merula</i>	widespread

Mistle thrush	<i>Turdus viscivorus</i>	Honaz Dağı
Cetti's warbler	<i>Cettia cetti</i>	liquidambar woods, Köyceğiz
Zitting cisticola	<i>Cisticola juncidis</i>	Hamitköy Marsh, Köyceğiz
Reed warbler	<i>Arctocephalus scirpaceus</i>	Hamitköy Marsh, Köyceğiz
Great reed warbler	<i>Acrocephalus arundinaceus</i>	Hamitköy Marsh, Köyceğiz
Olivaceous Warbler	<i>Hippolais pallida</i>	liquidambar woods, Köyceğiz
Sardinian warbler	<i>Sylvia melanocephala</i>	scattered on the peninsula
Ruppell's warbler	<i>Sylvia rueppelli</i>	scattered on the peninsula
Subalpine warbler	<i>Sylvia cantillans</i>	Murdala
Lesser whitethroat	<i>Sylvia curruca</i>	Gebikum Beach
Eastern Bonelli's warbler	<i>Phylloscopus orientalis</i>	Honaz Dağı
Chiffchaff	<i>Phylloscopus collybita</i>	Honaz Dağı
Long-tailed tit	<i>Aegithalos caudatus</i>	liquidambar woods, Köyceğiz
Great tit	<i>Parus major</i>	scattered
Coal tit	<i>Parus ater</i>	Karamanbası Tepe
Blue tit	<i>Parus caerulea</i>	scattered
Krüper's nuthatch	<i>Sitta krueperi</i>	Karamanbası Tepe
Western rock nuthatch	<i>Sitta neumayer</i>	Knidos
Short-toed treecreeper	<i>Certhia brachydactyla</i>	liquidambar woods, Köyceğiz
Woodchat shrike	<i>Lanius senator</i>	scattered
Masked shrike	<i>Lanius nubicus</i>	scattered
Jay	<i>Garrulus glandarius</i>	scattered
Hooded crow	<i>Corvus corone</i>	scattered
Jackdaw	<i>Corvus monedula</i>	Denizli area
Raven	<i>Corvus corax</i>	rather few noted
House sparrow	<i>Passer domesticus</i>	widespread
Rock sparrow	<i>Petronia petronia</i>	Honaz Dağı
Chaffinch	<i>Fringilla coelebs</i>	widespread
Serin	<i>Serinus serinus</i>	scattered
Greenfinch	<i>Carduelis chloris</i>	scattered
Goldfinch	<i>Carduelis carduelis</i>	scattered
Siskin	<i>Carduelis spinus</i>	Honaz Dağı
Linnet	<i>Carduelis cannabina</i>	Honaz Dağı
Cirl bunting	<i>Emberiza cirlus</i>	scattered
Cretzschmar's bunting	<i>Emberiza caesia</i>	scattered
Ortolan bunting	<i>Emberiza hortulana</i>	Honaz Dağı
Corn bunting	<i>Miliaria calandra</i>	scattered, common around Denizli

## Systematic List Number 3      Butterflies - Datça

The taxonomic nomenclature has been taken from Ahmet Baytaş's "Butterflies of Turkey" published by NTV (2007).

### *Papilionidae*

Common Swallowtail	<i>Papilio machaon</i>	scattered
Southern Swallowtail	<i>Papilio alexanor</i>	frequent
Scarce Swallowtail	<i>Iphiclides podalirius</i>	scattered
Eastern Festoon	<i>Zerynthia cerisyi</i>	Honaz Dağı
False Apollo	<i>Archon apollinus</i>	Honaz Dağı

### *Pieridae*

Black-veined White	<i>Aporia crataegi</i>	scattered
Bath White	<i>Pontia daplidice</i>	Knidos and Hayıtbükü
Large White	<i>Pieris brassicae</i>	scattered
Small White	<i>Artogeia rapae</i>	scattered
Eastern Dappled White	<i>Euchloe ausonia</i>	scattered
Orange-tip	<i>Anthocharis cardamines</i>	frequent
Clouded Yellow	<i>Colias crocea</i>	frequent
Brimstone	<i>Gonepteryx rhamni</i>	just a few...

### *Lycaenidae*

Sloe Hairstreak	<i>Satyrium acacia</i>	above Hayıtbükü
Lesser Fiery Copper	<i>Lycaena thersamon</i>	Bağlarözü
Green Hairstreak	<i>Callophrys rubi</i>	scattered throughout
Small Copper	<i>Lycaena phlaeas</i>	scattered
Common Blue	<i>Polyommatus icarus</i>	scattered
Green-underside Blue	<i>Glaucopsyche alexis</i>	scattered
Anatolian Green-underside Blue	<i>Glaucopsyche astraea</i>	One photographed at Hayıtbükü must be the most westerly record of this species as far as I know it is unknown in Europe. Also a very low altitude for what is usually a mid-altitude species

### *Libytheidae*

Nettle-tree Butterfly	<i>Libythea celtis</i>	steppe below Babadağı village
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### *Nymphalidae*

Large Tortoiseshell	<i>Nymphalis polychloros</i>	woodland on Honaz Dağı
Red Admiral	<i>Vanessa atalanta</i>	scattered throughout
Painted Lady	<i>Cynthia cardui</i>	scattered throughout
Knapweed Fritillary	<i>Melitaea phoebe</i>	Denizli steppes

*Satyridae*

Speckled Wood  
Wall Brown

*Pararge aegeria*  
*Lasiommata megera*

liquidambar, Köyceğiz  
Knidos, Hayıtbükü etc

*Hesperiidae*

Mallow Skipper  
Sage Skipper  
Pygmy Skipper

*Carcharodus alceae*  
*Muschampia proto*  
*Gegenes pumilio*

scattered  
Karamanbası Tepe  
Hayıtbükü

## Systematic List Number 4

## Reptiles / Amphibians - Datça

### ***Ranidae***

Levant Water Frog                      *Pelophylax bedriagae*                      common wherever there was fresh water

### ***Bataguridae***

Stripe-necked (Balkan) Terrapin *Mauremys rivulata*                      Hamitköy Marsh, Köyceğiz

### ***Tesdudinidae***

Spur-thighed Tortoise                      *Testudo graeca*                      common

### ***Cheloniidae***

Green Turtle                      *Chelonia mydas*                      One seen off Gedikum Beach (leader only!)

### ***Agamidae***

Starred Agama                      *Leudakia stellio*                      reasonably common

### ***Lacertidae***

Balkan Green Lizard                      *Lacerta trilineata*                      scattered  
Sand Lizard                      *Lacerta agilis*                      Gebikum Beach

### ***Scincidae***

Juniper Snake-eyed Skink                      *Ablepharus kitaibellii*                      Karamanbası Tepe

### ***Gekkonidae***

Kotschy's Gecko                      *Meriodactylus kotschyii*                      a couple of drowned ones in the covered well  
above Murdala!

### ***Colubridae***

Dahl's Whip Snake                      *Platyceps najadum*                      Karamanbası Tepe

## Assorted Arthropods

Nigel provided us with this list

### Odontata

<i>Lestes macrostigma</i>	Dusky Emerald Damselfly/ dark spreadwing	Patara beach
<i>Sympetrum fonscolombii</i>	Red-Veined Darter	Datca area

### Antlion

<i>Nemoptera sinuata</i>	Threadwing Antlion/ Spoonwing Lacewing	Common
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### Beetles

<i>Alosimus smyrnensis</i> *	Izmir's Oil Beetle	Beetle with red thorax. Pamukkale steppe area
<i>Meloe</i> sp.*	An Oil Beetle	Black/Dark green beetle on Honaz Dagi
<i>Mylabris quadripunctata</i> *	"Black and red beetle"	Knidos
<i>Mylabris</i> sp.*	a different "Black and red beetle"	Eski Datca
<i>Oedemera femorata</i>	"A thick-thighed beetle"	Eski Datca.
<i>Oxythyrea cinctella</i>	Middle-East Flower Scarab	Datca area. Has white line at bottom of thorax so not the similar Mediterranean Spotted Chafer
<i>Graphosoma semipunctatum</i>	Black and red shield-bug	Murdala

### Bugs

<i>Closterotomus histrio</i>	Mirid bug	Eski Datca
??	Fire Bug (possibly)	Eski Datca

### Moths

<i>Thyridopteryx ephemeraeformis</i> *	Evergreen bagworm	Datca peninsula ( <i>Serapias</i> site)
<i>Autographa gamma</i>	Silver-Y	Knidos
<i>Tyta luctuosa</i>	Four Spotted	Knidos