

Crete

Naturetrek Tour Report

13 - 23 April 2010



Aristolochia cretica



Ophrys cretica



Ophrys prisca



Plakias Bay



Purple Heron

Report and images compiled by John and Jenny Willsher



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Summary

We enjoyed a successful week in Crete, exploring various habitats on this fascinating and friendly island. The flora of Crete is abundant and particularly exciting, ten percent of the plants being endemic and the birds are always interesting particularly at migration times. We started in the east of the island, visiting the Lasithi Plateau, and included a visit to the archaeological site of Knossos, before moving south to Plakias and then west to Chania for the last three nights of the tour.

The enthusiasm of the group contributed enormously to the success of the week and it proved to be a week of good company, birds, flowers and food! Unfortunately our good humour and patience was tested when our return flights were cancelled due to the fallout from the Icelandic volcano. But the group made the best of the extra time exploring further east.

Day 1

Tuesday 13th April

Arrive at Iraklion, transfer to hotel in Hersonissos, afternoon walk at Malia

The flight arrived on time and John and Jenny were waiting at the airport to meet the group. We were soon on our way east to our seaside hotel in Hersonissos where we deposited our luggage and then set off for an afternoon exploration on the nearby coastal headland at Malia. This gave us a good introduction to the flora and fauna. The habitat is an area of rocky phrygana (garrigue) typically consisting of low growing, spiny and aromatic plants, here including some seaside plants also. There are large grey hummocks of the spiny *Centaurea spinosa*, which would not be in flower until later in the summer, but we were immediately pleased by a mass of the lilac and white Winged Sea Lavender (*Limonium sinuata*), the lilac part of the flower actually being the papery calyx and the pink flowers of Narrow-leaved Bugloss (*Echium angustifolium*). Under our feet were some of the many species of vetch that we would find this week with their intriguing seeds, varying enormously in size and shape. Wind sculpted Carob Trees (*Ceratonia siliqua*) crouch among the rocks with their huge pods, probably the biggest vetch seed we would find.

Other plants included Mastic Tree (*Pistachio lentiscus*), *Ballota pseudodictamos*, Three-horned Stock (*Mathiola tricuspidata*), Mallow-leaved Bindweed (*Convolvulus althaeoides*), *C. elegantissimus*, *Euphorbia characias*, *Prasium majus*, and *Phlomis lanata*, an endemic member of this family. Our first of the orchids is the tiny Phrygana Ophrys (*O. phryganae*). It was a fine afternoon and we enjoyed watching some Short-toed Larks, Crested Larks, Yellow Wagtails, Sardinian Warbler, typically noisy but shy, 2 Whinchats, a singing Black-eared Wheatear, and a Stone Curlew flew away from us. As we were leaving a Purple Heron and a Marsh Harrier flew over the reeds behind the beach.

Day 2

Wednesday 14th April

Lasithi Plateau

An early morning walk along the shoreline from the hotel was very productive botanically. Under the olive trees in some waste ground nearby we found good numbers of Eastern and Small-flowered Serapias (*S. orientalis*, *S. parviflora*) and our first of the endemic orchids, *Ophrys cretica* with its black and white lip. Other flowers included the delicate knapweed *Crupina crupinastrum*, Purple Viper's Bugloss (*Echium plantagineum*) *Galactites tomentosum*, the commonest thistle we would see this week and Common Asphodel (*A. aestivus*).

After a quick provision stop in the town we were soon on our way eastwards along the main highway then inland up the switchback road to the Lassithi Plain. Firstly we had an opportunistic stop to look at the view along the coast, and some roadside botanising. We found Cretan Viper's Grass (*Scorzonera cretica*) with its grass-like leaves, the attractive ferns *Cheilanthes persica* and Rustyback Fern, Star Hawkbit (*Rhagadiolus stellatus*), the delicate Naples Garlic (*Allium neapolitanum*) and elegant pyramids of *Echium italicum*. A group of Ravens were displaying over the hills.

We then stopped for coffee in the charming little village square in Mochos under Oriental Plane and trained Mulberry trees. The church in the square has a simple exterior in direct contrast to the very ornate interior, with beautiful frescoes, huge brass chandeliers and many icons. Swallows were flitting in and around the buildings. Just outside the town we heard a Wryneck but did not manage to see it.

Another roadside stop to explore the *phrygana* or *garigue*, the typical low scrubby habitat of spiny and often pungent plants that is so rich in plant diversity, often sheltering plants that would be eaten by sheep and goats or dried up by the sun. We found many spikes of the diminutive lily, *Gagea graeca*, *Ophrys phryganea*, the tiny Four-spotted Orchid (*Orchis quadripunctata*) and *Serapias bergonii*. A scabble amongst the rocks and ankle-scratching shrubs such as Spiny Hairy Broom, *Prasium* and *Sarcopetalum spinosa*, also found *Onosma graecum* and Pink Butterfly Orchid (*O. papilionacea*). We diverted to look at the ancient Oriental Plane tree in Krassi, a very impressive tree with numerous chattering Italian House Sparrows.

Onwards and upwards towards the lip of the pass into Lassithi where as soon we descended onto the Lassithi Plain we stopped to explore a rocky scree, below scrubby Holm Oak and added to our growing orchid list with a few spikes of the early flowering Giant Orchid (*Barlia robertiana*), the handsome Bishop's Ophrys (*O. episcapaulis*), *O. cretica*, *Orchis pauciflora* and *O. tridentata*. In the shade were some *Cyclamen creticum* alongside *Daphne cericea*. We ate our picnic near a mostly deserted village, overlooking the plateau, where the small fields were a patchwork of yellow, green and brown. The area of our picnic was studded with Pink Hawkweed (*Crepis rubra*). Sardinian Warbler, Stonechat and Serin accompanied us while we ate.

Lunch done we drove anticlockwise around part of the plain reaching the bridge over the river where we parked and walked along the track. We followed the river to where it disappeared into a sink hole at the base of the mountain. There was a Ravens' nest on the rock face, and Chough, Jackdaws and Crag Martins were seen. On the rock face we found *Arabis alpina*, the endemic Cretan Valerian (*Valeriana asarifolia*), *Dianthus juniperinus*, rosettes of *Rosularia serrata* and *Ranunculus creticus* with its large shiny leaves and our first spikes of the strange Rock Lettuce (*Petromerula pinnata*) – this endemic plant has no other relative.

We retraced our steps and visited the charming little Museum of the Lassithi – a display of dioramas depicting Cretan wildlife, in particular in relation to the Lammergeier a bird that has received special protection in Crete. We stopped at the Homo Sapiens Museum, for coffee and facilities where we saw a Blue Rock Thrush and more Griffon Vultures. Our last stop before returning to our hotel was to photograph, and inadvertently smell, the dramatic Dragon Arum (*Dracunculus vulgaris*). There was a mass of this handsome arum with its dark red spathe in a fenced field – the sheep and goats obviously do not find it palatable!

Day 3

Thursday 15th April

Palace of Knossos, Late Minoan Cemetery at Armeni and then to Plakias

After breakfast we left the hotel at 9am, and headed for Knossos. The main was road colourful with planted and wildflowers. The oleanders were only just blooming but one bank was pink with the endemic Cretan Ebony (*Ebinus creticus*) and there were masses of Crown Daisy (*Chrysanthemum coronarium*) in both its colour forms. The archaeological site of Knossos is the islands major tourist attraction and we tried to get there to appreciate it before it got crowded. The surrounding trees and hills can be good for birds but any vegetation within the site had been sprayed. We then made good time along the main highway along the north coast, turning south at Rethymnon to the Late Minoan Cemetery at Armeni. First we enjoyed our picnic at a friendly taverna where we were allowed to use the tables and buy drinks to supplement our picnic.

The peaceful cemetery site is canopied by Valonia Oak (*Quercus macrolepis*), with its shaggy acorn cups. The galls from the trees were once an important export for the tanning industry. The vegetation around the intriguing grave sites was lush with flowers including many vetches, Common Asphodel (*A. aestivus*), Barbary Nut (*Gynadrisis sisyrinchium*), Clove-scented Broomrape and orchids including Naked Man Orchid (*O. italica*), Bumblebee Orchid, *Ophrys heldreichii* and *Serepias lingua*, *S. bergoni* and an obvious hybrid between these two. Chaffinches and Blackcaps sang constantly around us.

Before reaching Plakias we stopped in the dramatic Kourtalotis Gorge for a vulture watch. Griffon Vultures floated overhead and we saw some on their nests. A Blue Rock Thrush, a pair of Ravens and Choughs were seen and high above the cliffs many Alpine Swifts were visible. We hoped to see Lammergeier but had no luck today. At our feet in the gravel are some tiny plants including Burnt Candytuft (*Aetheonema saxatile*) and *Malcolmia chia* and some cushions of Greek Spiny Spurge (*Euphorbia acanthothamnus*).

As we descended into Plakias we were treated to wonderful views of 3 Squacco Herons feeding openly in a damp meadow. Then to our hotel, a small attractive whitewashed Cretan style building, with red, blue and yellow doors, overlooking the lovely Plakias Bay with its backdrop of hills.

Invocation by Jenny Cox

4 pm. The Griffons fly, above the crags in clear blue sky.
 We've marvelled at Minoan culture, now we seek the Griffon Vulture,
 Lay-by for vans, safety fences, we even perch our bums on benches,
 Scopes at the ready, we aspire to get a glimpse of the Lammergeier.
 Botanists can tell the story of Naked Men in all their glory.
 Patiently we scan the sky, for *Quebrantabuescos* soaring by,
 Deep ravine and swooping cliffs, it's good to see the circling Griffs
 Come on bone-catcher don't be meek, we know you flew past here last week
 Majestic birdie, please appear, we're waiting for you, Lammergeier!

Day 4

Friday 16th April

Moni Preveli Monastery, Turkish Bridge and the 'orchid hill' at Spili

Early morning walk behind the hotel for some where flowers among the phrygana included *Bellardia trixago*, Yellow Bartsia, Pitch Trefoil (*Psoralea bituminosa*), with its pungent foliage, *Ophrys gortynia*, *O. phryganae*, Bergon's and Small-flowered Serapias.

After breakfast we headed towards Moni Preveli. Along the roadside were handsome spikes of Giant Fennel. Just before the old monastery we see a Purple Heron fly out of the reeds and a Hoopoe. Among the Jerusalem Sage is the pink Three-leaved Sage (*Salvia fruticosa*), Wild Gladioli, Blue Houndstongue (*Cyanoglossum creticum*), with its marble veined flowers and the diminutive pink *Kobluerschia velutina*. Further on the rocky slopes were yellow and fragrant with Jerusalem Sage and studded with the lime green clumps of Greek Spiny Spurge. Some of the group visited the monastery, which played a vital role in the retreat and rescue of Allied Forces during the invasion of Crete by the Germans, while others explored the scrubby hillsides nearby. Birds seen included a Chukka, Black-eared Wheatear, Whitethroat, Pied Flycatcher, Wood Warbler and a distant Ortolan Bunting singing its mournful song. We lunched by the waters edge at the Turkish Bridge, underneath Oriental Plane Trees and Storax (*Styrax officinalis*) with its fragrant blossoms. The little café under the trees provided us with tables, and a land crab provided some entertainment.

Our next stop was in Spili for coffee and facilities before we headed up into the hills behind the town. We are aiming for an unassuming hillock – the 'orchid hill' of Spili - which did not disappoint and we found almost 20 species of orchid including masses of the yellow *Orchis pauciflora*, *O. boryi* and *O. quadripunctata* on the little rocky ledges. Also *Ophrys heldreichii*, *O. episcopaulis*, *O. cretica ssp ariadne*, *O. sicula*, *O. creberrima*, *O. iricolor*, *Orchis laxiflora*, *O. lactea*, *O. sitiaca* and various *Serapias*, as well as some hybrids. Other flowers included Barbary Nut, Cretan Iris, the diminutive powder blue Eastern Milkwort (*Polygala venulosa*), ground hugging rosettes of *Trifolium uniflora* and a cereal field dotted with the scarlet *Tulipa doerfleri*. It really was a botanical feast. One of the group members started a conversation with an obvious orchid enthusiast who turned out to be Antonis Alibertis, a Cretan botanist who had written many books, including one on the orchids and another on the healing plants of Crete. Jenny is pleased that he confirms her ID of the orchids, as some of them are not easy and some are past their best! It was a pleasure to meet him – his passion for the natural world was very evident. We later bought some signed copies of his books...

Birds included Corn Bunting, Crested Lark, Stonechat, Tawny Pipit and Griffon Vultures overhead. A distant Quail is heard. We returned to Plakias via the Kourtaliotis Gorge for another look for the Lammergeier, but again this charismatic bird eluded us.

Day 5

Saturday 17th April

Local walk on cliff path at Plakias, Georgeopolis, Chania

We walked along the headland track after breakfast where we had stunning views across the bay. A Blue Rock Thrush sings from the cliff top and we see a Nothern Wheatear. Flowers included the endemic *Verbascum arcturus* and Caper growing on the sheer rock face, *Muscari spreitzzenhoferi* with its pale blue tassel of bracts, and the smaller *M. cycladicum*, *Ophrys candica*, the fascinating *Aristolochia cretica* with its hairy mouth, and *Campanula saxatilis* in rock crevices. Butterflies include Cretan Festoon. Some of the group explored the old wartime tunnel where Crag Martins were seen closely as they came into the cave at the end.

As we return to the hotel we watched a flock of Little Egrets circling the bay, followed by a flock of Squacco Herons, with some landing on the rocks below the path. We then have to say farewell to our hosts at Plakias, Aris and Natasha, and start our journey towards Chania.

After coffee in the attractive town of Plakias where we saw 2 little Ringed Plover and a Common Sandpiper in the river bed, we headed north into the Kotsifos Gorge. High above 10 Lesser Kestrels were hunting above us, together with Ravens and Chough. We then head for the main road to Chania. We turn off the highway at Georgeopolis a small seaside resort to look at the small reservoir behind the town. We had good views of 2 Little Crakes, a Greenshank, 4 Wood Sandpipers, Kingfisher, Purple Heron and then a White Pelican hoves into view but only stayed long enough to surprise us before wheeling away. We then make good time to our hotel in Chania.

For dinner tonight we walked to a taverna that is popular with locals and we are served generous portions of a variety of delicious dishes of typical Cretan cooking including moussaka, fried cheese, wild greens, stuffed vegetables, cheese and spinach pies. We promised to return for our last night in Chania.

Day 6

Sunday 18th April

Akrotiri Peninsula

As yesterday had been such a long day in the vehicles we stayed fairly local, heading for the Akrotiri peninsular. Our first stop was to explore some scrub near an olive grove where we find *Pallenis spinosa*, *Silene gallica*, Arabian Fumana (*F. arabica*) with its soft yellow flowers, Spotted Rockrose (*Tuberaria guttata*), *Bellardia trixago*, *Orchis fragrans* and *Ophrys phryganae*. The path down to the abandoned monastery of Katholiko is rich in plant life amongst the phrygana bushes of Greek Spiny Spurge, the white flowered Prasium and Hairy Thorny Broom (*Calicotome villosa*). We found *Vicia cretica*, scrabbling up through the scrub, the curled leaves of *Gynandrisis monophyllus*, Cretan Mallow, the tiny hairy *Plantago bellardii* and the minute *Allium circinatum* with its corkscrew leaves. Plus, as usual, a variety of vetches...

At the abandoned monastery the walls are festooned with *Verbascum arturus*, Cretan Sneezewort (*Achillea cretica*) and the intriguing endemic *Petromarula pinnata*. We finished our day out at the Allied Forces cemetery at Souda Bay. It is a peaceful and moving place. For dinner tonight we walked into Chania with some time to explore the old parts of the city before settling in our quayside restaurant for a delicious meal, with swifts screaming overhead.

Day 7

Monday 19th April

Agia Reservoir, Omalos Plateau

Our last full day in Crete...we headed south-west, out of Chania, firstly stopping at Agia Reservoir. The lake is fringed with Yellow Flag and Common Reed and the part of the surface has a covering of algae which provided a good feeding area for many waders including Ruff, Little Stints, Wood Sandpipers. Around the edge several Little Crakes were feeding and a couple of Little Bitterns were stealthily moving in and out of view. There was a Marsh Harrier and a Night Heron, Sedge and Great Reed Warblers were singing and some of us managed to see an elusive Cetti's Warbler. On the reeds along the dam some Yellow Wagtails were resting. Finally some of us had a remarkable view of a Little Bittern trying to look invisible at the dam edge, at about one metre distance!

We made our way up to the Omalos Plateau. In the gorge leading up to the plateau the scenery is quite dramatic – pale grey limestone rocks studded with Cyprus trees and *Daphne sericea*, with its pink and cream blooms. We stopped for a welcome coffee and comfort stop at the tiny village of Omalos. The taverna had a stuffed Lammergeier above the doorway which combined with a later sighting of a live one, prompted the following ditty from our resident poet.

In Cretan café, wings widespread,
Sad stuffed specimen, very dead
Above the Omalos, flying higher
At last we glimpsed our Lammergeier!

Across the road in an enclosed field is a clump of the endemic *Paeonia clusii*, and another plant is found in the abandoned buildings. This lovely pure white peony was the traditional buttonhole for local Sfakion bridegrooms. We are hoping to find *Tulipa bakeri*, and we find small clumps in the shade though they are mostly past their best, and also *Anemone coronaria*, in various shades of blue and pink, and occasionally red. We had our picnic just up from the plateau, a good spot with first a Golden Eagle and then two Lammergeiers drifting along the ridge above. Afterwards we found some good spikes of the endemic *Arum idaeum* amongst the spiny Cretan Barbary.

Then to the head of the Samaria Gorge, where we get stunning views of its mouth, finding some *Cupressus sempervirens var. horizontalis* in view, and *Aubretia deltoidea*, Cretan Mouse-ear and Burnt Candytuft at our feet. A group of German botanists told us about another endemic plant just up the track – *Erysimum raulinii*, and Patricia spied a handsome spike of *Orchis prisca*, a late flowering species. Down from the gorge a Redstart and Pied and Collared Flycatchers were foraging down from the road in a small valley. We made a circuit around the plain stopping at a small pool for another Wood Sandpiper. Migrating Whinchats were numerous and there were Northern Wheatears, Woodlarks and a Woodchat Shrike.

As we left the plateau we had a brief look for the peony among the rocks on the roadside. Jenny C. went on the hunt and found a few good plants. We stopped lower down to find a glade full of cyclamen and *Arum Idaeum* – supposedly rare! After watching a Spanish Sparrow in Lakki the birdwatchers were allowed another look at Agia! We then retraced our steps back to Chania looking forward to another typical feast at ‘The Hungry Man’ and we were not disappointed. A good day but overshadowed by the news of disruption to air traffic due to a volcanic eruption in Iceland and it our flight will be cancelled.

Day 8

Tuesday 20th April

Return to Iraklion

We left the hotel after breakfast to head back to Iraklion where our ground agent Katerina met us to brief us on the situation. Easyjet are obliged to accommodate us so we made our way to our new hotel. It proved to be rather depressing after the lovely places we had been to and was full of other disgruntled travellers.

We left our luggage in our rooms and returned to Malia for the afternoon enjoying a hot snack at the beach café while we considered our options. Michael and Cate had already left the group as they had an extended stay in Iraklion and Cornelia, Robert and Pauline decided to make their own way home via Athens and Rome. The rest of the group opted to relocate to the Europa Beach Hotel in the morning where our ground agents had negotiated a good deal for us.

Day 9

Wednesday 21st April

Transfer to Europa Beach Hotel

We checked out of our hotel in noisy downtown Iraklion and headed east again where we were relieved to find a warm welcome at the almost deserted Europa Beach Hotel. After lunch and a lazy afternoon we took a look at the nearby pools which used to be good for waders but recent development had not been good for the environs. However we did see several Little Ringed Plovers, a Black-winged Stilt, one Temminck’s Stint, Squacco Herons, and a Short-toed Lark.

Day 10

Thursday 22nd April

We make the most of this extra day and head further east to explore the area around Elounda. Spinalonga Island floats in the bay on a turquoise sea and we enjoy fresh orange juice and coffee at a seaside taverna. We explore the headland and the lush valley before rejoining the main road and returning to our hotel.

Day 11

Friday 23 April

We had been advised of a flight today and to get to the airport to await standby flights. We spent a trying and frustrating morning waiting for news and listening to the stories of other travellers, but forty minutes before the flight was due to leave we were allocated seats and thankfully boarded the flight home...

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Species Lists

Plants

Group/Species	English Name(If any)	Location
<i>Pteridopsida</i>	Ferns and their Allies	
<i>Selaginellaceae</i> <i>Selaginella denticulata</i>	Lesser Clubmoss Family Mediterranean Selaginella	
<i>Equisetaceae</i> <i>Equisetum arvense</i> <i>Equisetum telmateia</i>	Horsetail Family Field Horsetail Giant Horsetail	Agia Reservoir
<i>Adiantaceae</i> <i>Cheilanthes persica</i>	Maidenhair Fern Family -	
<i>Aspleniaceae</i> <i>Asplenium ceterach</i>	Spleenwort Family Rusty-back Fern	
<i>Dennstaediceae</i> <i>Pteridium aquilinum</i>	Bracken Family Bracken	
<i>Polypodiaceae</i> <i>Polypodium cambricum</i>	Polypody Family Southern Polypody	-
<i>Pinopsida (Gymnosperms)</i>	Conifers	
<i>Araucariaceae</i> <i>Araucaria heterophylla</i>	Monkey Puzzle Family Norfolk Island Pine	
<i>Cupressaceae</i> <i>C. sempervirens forma horizontalis</i> <i>C. sempervirens forma sempervirens</i> <i>Juniperus oxycedrus subsp. oxycedrus</i>	Juniper Family Italian Cypress Prickly Juniper	

Group/Species	English Name(If any)	Location
<i>Juniperus phoenicea</i>	Phoenicean Juniper	
Pinaceae	Pine Family	
<i>Pinus brutea</i>	Calabrian Pine	
<i>Pinus halepensis</i>	Aleppo Pine	
<i>Pinus pinea</i>	Umbrella Pine	
Magnoliidae (Dicotyledons)	Flowering Plants	
Acanthaceae	Bear Breach Family	
<i>Acanthus spinosus</i>	-	
Aceraceae	Maple Family	
<i>Acer sempervirens</i>	Cretan Maple	Lasithi, Omalos
Aizoaceae	Dew Plant Family	
<i>Carprobrotus acinaciformis</i>	Red Hottentot Fig	
<i>Carprobrotus edulis</i>	Hottentot Fig	
<i>Mesembryanthemum crystallinum</i>	Ice Plant	
Anacardiaceae	Sumach Family	
<i>Pistacia lentiscus</i>	Mastic Tree	
<i>Schinus molle</i>	Californian Pepper Tree	Agia Reservoir
Apiaceae (Umbelliferae)	Carrot Family	
<i>Bupleurum semicompositum</i>	a small Hare's Ear	Europa Beach
<i>Cribthum maritimum</i>	Rock Samphire	
<i>Daucus carota agg</i>	Wild Carrot	
<i>Daucus gutatus</i>	A Wild Carrot	
<i>Ferula communis</i>	Giant Fennel	Common
<i>Foeniculum vulgare</i>	Fennel	
<i>Eryngium amethystinum</i>	Blue Eryngo	not in flower
<i>Eryngium maritimum</i>	Sea Holly	Malia
<i>Lagoecia cuminoides</i>	-	tiny soft umbellifer!
<i>Orlaya daucoides</i>	-	
<i>Scaligeria cretica</i>	Scaligeria	
<i>Scandix australis</i>	Southern Shepherds Needle	
<i>Scandix pecten-veneris</i>	Shepherd's Needle	
<i>Smyrniium olusatrum</i>	Alexanders	
<i>S. perfoliatum subsp. rotundifolium</i>	Perfoliate Alexanders	
<i>Tordylium apulum</i>	A Masterwort	
<i>Torilis nodosa</i>	Knotted Hedge-parsley	Agia Reservoir
Apocyanaceae	Periwinkle Family	
<i>Nerium oleander</i>	Oleander	
<i>Vinca major</i>	Periwinkle	

Group/Species	English Name(If any)	Location
Araliaceae	Ivy Family	
<i>Hedera helix</i>	Ivy	
Aristolochiaceae	Birthwort Family	
<i>Aristolochia cretica</i> ***	A Birthwort	
<i>Aristolochia sempervirens</i>	Evergreen Birthwort	Near Mochos
Asteraceae (Compositae)	Daisy Family	
<i>Achillea cretica</i>	Cretan Sneezewort	Akrotiri
<i>Anthemis chia</i>		
<i>Anthemis rigida</i>	Rayless Chamomile	Malia
<i>Atractylis cancellata</i>	Bird-cage Plant	
<i>Bellis perennis</i>	Daisy	
<i>Calendula arvensis</i>	Field Marigold	
<i>Carduus pycnocephalus</i>	-	
<i>Carlina corymbosa</i>	Flat-topped Carlina Thistle	
<i>Carthamus lanatus ssp baeticus</i>		
<i>Centaurea calcitrapa</i>	Red Star Thistle	not in flower
<i>Centaurea raphanina ssp raphanina</i>	-	
<i>Centaurea solstitialis</i>	Yellow Star-thistle	not in flower
<i>Centaurea spinosa</i>		Malia, not in flower
<i>Cirsium vulgare</i>	Spear Thistle	
<i>Chrysanthemum coronarium</i>	Crown Daisy	widespread
<i>C. coronarium var bicolor</i>	Crown Daisy	"
<i>Chrysanthemum segetum</i>	Corn Marigold	
<i>Cichorium intybus</i>	Chicory	
<i>Cichorium spinosum</i>	Spiny Chicory	not in flower
<i>Crupina crupinastrum</i>	Crupina	
<i>Cynara scolymus</i>	Globe Artichoke	
<i>Dittrichia viscosa</i>	Stink Aster	not in flower
<i>Echinops spinosissimus</i>	A Globe Thistle	near airport
<i>Filago pyramidata</i>	Broad-leaved Cudweed	
<i>Galactites tomentosa</i>	Galactites	widespread
<i>Helichrysum italicum</i>	-	
<i>Helichrysum stoechas</i>	-	
<i>Hypochoeris achyrophorus</i>	Mediterranean Cat's-ear	
<i>Notobasis syriaca</i>	Syrian Thistle	
<i>Onopordium bracteum ssp creticum</i>		
<i>Onopordium illyricum</i>		
<i>Otanthus maritimus</i>	Cottonweed	Malia
<i>Pallenis spinosa</i>	-	
<i>Phagnalon rupestre ? ssp graecum</i>	-	
<i>Picnomon arcana</i>		
<i>Picris echioides</i>	Bristly Oxtongue	
<i>Ptilostemon chamaepeuce</i>	Shrubby Ptilostemon	
<i>Rhagadiolus stellatus</i>	Star Hawkbit	Armeni
<i>Scorzonera cretica</i>	Cretan Viper's-grass	
<i>Senecio vulgaris</i>	Groundsel	

Group/Species	English Name(If any)	Location
<i>Scolymus hispanicus</i>	Spanish Oyster Plant	not in flower
<i>Silybum marianum</i>	Milk thistle	
<i>Sonchus asper</i>	Prickly Sow-thistle	
<i>Tragopogon hybridus</i>	Slender Salsify	
<i>Tragopogon porrifolius</i>	Salsify	
<i>Tyrimnus leucographus</i>	Tyrimnus	Plakias
<i>Tolpis barbata</i>		
<i>Urospermum picroides</i>	-	
<i>Berberidaceae</i>	Barberry Family	
<i>Berberis cretica</i>	Cretan Barberry	Omalos
<i>Boraginaceae</i>	Borage Family	
<i>Anchusa azurea</i>	Large Blue Alkanet	
<i>Anchusa undulata</i>	Wavy-leaved Anchusa	Malia
<i>Anchusa variegata</i>	-	Akrotiri
<i>Borago officinalis</i>	Borage	
<i>Cerintho major</i>	Honeywort	
<i>Cynoglossum creticum</i>	Blue Hound's-tongue	
<i>Echium angustifolium</i>	-	Malia
<i>Echium italicum</i>	-	
<i>Echium plantagineum</i>	Purple Viper's-bugloss	
<i>Myosotis ramosissima</i>	Early Forget-me-not	
<i>Onosma graecum</i>	Golden Drops	
<i>Onosma erectum</i>		Omalos
<i>Procopiana cretica</i>	-	Akrotiri
<i>Brassicaceae (Cruciferae)</i>	Cress Family	
<i>Aethionema saxatile</i>	Burnt Candytuft	Kourtilotiko Gorge
<i>Arabis verna</i>	Spring Rockcress	
<i>Aubrieta deltoidea</i>	Aubrieta	Omalos
<i>Brassica tournefortii</i>	a Cabbage	
<i>Biscutella didyma</i>	Biscutella	
<i>Cakile maritima subsp. aegyptiaca</i>	Sea Rocket	
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	
<i>Eruca sativa</i>	Eruca	widespread
<i>Erucaria hispanica</i>	Spanish Mustard	
<i>Erysimum mutabile</i>	A Treacle Mustard	
<i>Erysimum raulinii</i>	a Treacle Mustard	
<i>Lepidium (Cardaria) draba</i>	Hoary Cress	
<i>Malcolmia cbia</i>		Kourtilotiko Gorge
<i>Malcolmia flexuosa</i>	Sea Stock	Malia
<i>Matthiola incana ssp incana</i>	Hoary Stock	
<i>Matthiola tricuspidata</i>	Three-horned Stock	
<i>Campanulaceae</i>	Bellflower Family	
<i>Campanula erinus</i>	Annual Bellflower	tiny!
<i>Campanula saxatalis ssp saxatalis</i>		Plakias

Group/Species	English Name(If any)	Location
<i>Campanula spatulata</i>		Kortilotiko Gorge
<i>Campanula tubulosa</i>		
<i>Petromarula pinnata</i> ***	-	
Capparaceae	Caper Family	
<i>Capparis spinosa</i>	Caper	Plakias, Souda Bay
Caryophyllaceae	Pink family	
<i>Cerastium glomeratum</i>	Sticky Mouse-ear	
<i>Cerastium scaposum</i>	Cretan Mouse-ear	
<i>Kohlruschia velutina</i>	Kohlruschia	
<i>Silene beben</i>	-	
<i>Silene bellidifolia</i>		
<i>Silene colorata</i>	-	
<i>Silene cretica</i>	-	
<i>Silene gallica</i>	Small-flowered Catchfly	
<i>Silene vulgaris</i>	Bladder Campion	
<i>Spergularia marina</i>	Lesser Sea-spurrey	
<i>Stellaria media</i>	Common Chickweed	
Chenopodiaceae	Goosefoot Family	
<i>Arthrocnemum macrostachya</i>	A Perennial Glasswort	Europa Beach
<i>Atriplex prostrata</i>	Spear-leaved Orache	"
<i>Beta vulgaris maritima</i>	Sea Beet	"
<i>Salicornia europaea</i>	Common Glasswort/Samphire	"
<i>Salola kali</i>	Prickly Saltwort	Europa Beach
<i>Sueda maritima</i>	Annual Sea-blite	"
<i>Sueda vera</i>	Shrubby Sea-blite	"
Cistaceae	Rock-rose Family	
<i>Cistus incanus subsp. creticus</i>	Cretan Cistus	
<i>Cistus monspeliensis</i>	Narrow-leaved Cistus	
<i>Cistus salvifolius</i>	Sage-leaved Cistus	
<i>Fumana arabica</i>	Arabian Fumana	Akrotiri
<i>Fumana thymifolia</i>	Thyme- leaved Fumana	"
<i>Tuberaria guttata</i>	Spotted Rock-rose	
Clusiaceae	Hypericum Family	
<i>Hypericum empetrifolium</i>	-	Spili, Omalos
Convolvulaceae	Bindweed Family	
<i>Convolvulus altheoides</i>	Mallow-leaved Bindweed	
<i>Convolvulus arvensis</i>	Field Bindweed	
<i>Convolvulus elegantissimus</i>	-	
<i>Convolvulus siculus</i>	Small Blue Convolvulus	Akrotiri
<i>Cuscuta sp.</i>	a Dodder	
<i>Ipomea purpurea</i>	Common Morning Glory	

Group/Species	English Name(If any)	Location
Crassulaceae	Stonecrop Family	
<i>Rosularia serrata</i>	-	Lasithi, not in flower
<i>Sedum acre</i>	Biting Stonecrop	
<i>Sedum laconicum</i>	-	
<i>Sedum litoreum</i>	-	
<i>Sedum rubens</i>	Reddish Stonecrop	
<i>Umbilicus horizontalis</i>	A Pennywort	
<i>Umbilicus rupestris</i>	A Pennywort	
Cucurbitaceae	Gourd Family	
<i>Bryonia cretica</i>	White Bryony	
<i>Ecballium elaterium</i>	Squirting Cucumber	Europa Beach
Dipsacaceae	Teasel Family	
<i>Knautia integrifolia</i>	-	
<i>Scabiosa brachiata</i>	Tremastelma	Plakias
Ericaceae	Heath Family	
<i>Arbutus andrachne</i>	Eastern Strawberry Tree	
<i>Erica arborea</i>	Tree Heath	
Euphorbiaceae	Spurge Family	
<i>Euphorbia acanthothamnos</i>	Greek Spiny Spurge	
<i>E.characias subsp. characias</i>	Large Mediterranean Spurge	
<i>Euphorbia dendroides</i>	Tree Spurge	
<i>Euphorbia exigua</i>	Dwarf Spurge	
<i>Euphorbia helioscopia</i>	Sun Spurge	
<i>Euphorbia paralias</i>	Sea Spurge	Plakias
<i>Mercurialis annua</i>	Annual Mercury	
<i>Ricinus communis</i>	Castor Oil Plant	
Fabaceae (Leguminosae)	Pea Family	
<i>Anagyris foetida</i>	Bean Trefoil	
<i>Anthyllis tetraphylla</i>	Bladder Vetch	
<i>A.vulneraria subsp. praepropera</i>	Mediterranean Kidney Vetch	
<i>?Bauhinia purpurea</i>	Orchid Tree'	Planted, Chania
<i>Bisserula pelecinus</i>	Bisserula	Malia
<i>Calicotome villosa</i>	Hairy Thorny Broom	
<i>Ceratonia siliqua</i>	Carob	
<i>Cercis siliquastrum</i>	Judas Tree	Planted
<i>Coronilla scorpioides</i>	Annual Scorpion Vetch	
<i>Ebenus cretica</i>	Shrubby Sainfoin	Plakias, Iraklion
<i>Erythrina crus-galli</i>	Corral Tree	Chania
<i>Genista acanthoclada</i>	Spiny Broom	
<i>Hymenocarpus circinnatus</i>	Disc Trefoil	
<i>Lathyrus annuus</i>	Annual Vetchling	
<i>Lathyrus aphaca</i>	Yellow Vetchling	
<i>Lathyrus cicera</i>	-	

Group/Species	English Name(If any)	Location
<i>Lathyrus clymenum</i>	Bi-colour Pea	
<i>Lathyrus hirsutus</i>	Hairy Vetchling	
<i>Lotus corniculatus</i>	Bird's-Foot Trefoil	
<i>Lotus creticus</i>	Southern Bird's Foot Trefoil	
<i>Lotus edulis</i>	Edible Lotus	
<i>Lotus uliginosus</i>	Greater Bird's-foot Trefoil	
<i>Lupinus albus</i>	White Lupin	
<i>Lupinus micranthus</i>	Hairy Lupin	
<i>Medicago arabica</i>	Spotted Medick	
<i>Medicago arborea</i>	Tree Medick	
<i>Medicago disciformis</i>	-	
<i>Medicago lupulina</i>	Black Medick	
<i>Medicago marina</i>	Sea Medick	
<i>Medicago orbicularis</i>	Large Disc Medick	
<i>Medicago polymorpha</i>	Toothed Medick	
<i>Melilotus indicus</i>	Small Melilot	
<i>Onobrychis aequidentata</i>	A Sainfoin	
<i>Onobrychis caput-galli</i>	Cock'scomb Sainfoin	
<i>Ononis reclinata</i>	Small Rest Harrow	
<i>Ornithopus compressus</i>	-	
<i>Psoralea bituminosa</i>	Pitch Trefoil	
<i>Robinia pseudoacacia</i>	False Acacia	Planted
<i>Scorpiurus muricatus</i>	Scorpiurus/Caterpillar PLant	
<i>Spartium junceum</i>	Spanish Broom	
<i>Tetragonolobus purpureus</i>	Asparagus Pea	
<i>Trifolium angustifolium</i>	Narrow-leaved Crimson Clover	
<i>Trifolium arvense</i>	Hare's-foot Clover	
<i>Trifolium campestre</i>	Hop Trefoil	
<i>Trifolium fragiferum</i>	Strawberry Clover	
<i>Trifolium hybridum</i>	-	
<i>Trifolium repens</i>	White Clover	
<i>Trifolium resupinatum</i>	Upsidedown Clover	
<i>Trifolium scabrum</i>	Rough Clover	
<i>Trifolium speciosum</i>	-	
<i>Trifolium stellatum</i>	Starry Clover	
<i>Trifolium striatum</i>	Soft Clover	
<i>Trifolium tomentosum</i>	Woolly Clover	
<i>Trifolium uniflorum</i>	One-flowered Clover	Spili
<i>Trigonella balanse</i>	A Fenugreek	
<i>Vicia cretica</i>	-	Akrotiri
<i>Vicia hybrida</i>	Hairy Yellow Vetchling	
<i>Vicia lutea</i>	Yellow Vetch	
<i>Vicia sativa subsp. sativa</i>	Common Vetch	
<i>Vicia villosa</i>	Fodder Vetch	
<i>Wisteria sinensis</i>	Wisteria	Planted
Fagaceae	Beech Family	
<i>Castanea sativa</i>	Sweet Chestnut	

Group/Species	English Name(If any)	Location
<i>Quercus coccifera subsp. calliprinos</i>	Kermes Oak/Holly Oak	
<i>Quercus ilex</i>	Holm Oak	
<i>Quercus aegilops (Q.macrolepis)</i>	Valonia Oak	Armeni
<i>Quercus pubescens</i>	Downy Oak	Lasithi
Frankeniaceae	Sea Heath Family	
<i>Frankenia hirsuta</i>	Hairy Sea Heath	
Gentianaceae	Gentian Family	
<i>Blackstonia perfoliata ssp intermedia</i>	Yellow-wort	
<i>Centaureum pulchellum</i>	Lesser Centaury	
Geraniaceae	Geranium Family	
<i>Erodium cicutarium</i>	Common Stork's-bill	
<i>Erodium gruinum</i>	Long-beaked Stork's-bill	
<i>Erodium malacoides</i>	Mallow-leaved Stork's-bill	
<i>Geranium columbianum</i>	Long-stalked Crane's-bill	
<i>Geranium luicidum</i>	Shining Crane's-bill	
<i>Geranium molle</i>	Dove's-foot Crane's-bill	
<i>Geranium purpureum</i>	Little Robin	
<i>Geranium robertianum</i>	Herb Robert	
Juglandaceae	Walnut Family	
<i>Juglans regia</i>	Walnut	
Lamiaceae (Labiatae)	Mint Family	
<i>Ballota acetabulosa</i>	Garden Horehound	
<i>Ballota pseudodictamnus</i>	-	Malia
<i>Lamium amplexicaule</i>	Henbit Deadnettle	
<i>Lavandula stoechas</i>	French Lavender	
<i>Marrubium vulgare</i>	White Horehound	
<i>Mentha aquatica</i>	Water Mint	Agia
<i>Origanum dictamnus</i>	Dittany	Leaves only
<i>Origanum onites</i>	Pot Marjoram	
<i>Phlomis cretica</i>	-	
<i>Phlomis fruticosa</i>	Jerusalem Sage	
<i>Phlomis lanata</i>	-	Malia
<i>Prasium majus</i>	Prasium	
<i>Rosmarinus officinalis</i>	Rosemary	
<i>Salvia fruticosa</i>	Three-leaved Sage	
<i>Salvia sclarea</i>	Clary	
<i>Salvia verbenacea</i>	Wild Clary	
<i>Satureja spinosa</i>	Spiny Satureia	
<i>Satureja thymbra</i>	Summer Savoury	
<i>Stachys cretica</i>	Mediterranean Woundwort	
<i>Thymus capitatus</i>	Shrubby Thyme	Malia, not in flower

Group/Species	English Name(If any)	Location
<i>Linaceae</i>	Flax Family	
<i>Linum arboreum</i>	Tree Flax	yellow
<i>Linum bienne</i>	Pale Flax	blue
<i>Linum pubescens</i>	Hairy Flax	pink
<i>Linum trigynum</i>		tiny, yellow
<i>Malvaceae</i>	Mallow Family	
<i>Hibiscus rosa-sinensis</i>	Hibiscus	Planted
<i>Lavatera arborea</i>	Tree Mallow	
<i>Lavatera cretica</i>	Cretan Mallow	
<i>Malva cretica</i>	-	
<i>Malva neglecta</i>	Dwarf mallow	
<i>Malva parviflora</i>	Least Mallow	
<i>Malva sylvestris</i>	Common Mallow	
<i>Meliaceae</i>		
<i>Melia azedarach</i>	Indian Bead Tree	planted
<i>Moraceae</i>	Mulberry Family	
<i>Ficus carica</i>	Fig	planted
<i>Ficus elastica</i>	Rubber Plant	planted
<i>Myoporaceae</i>	Myoporum Family	
<i>Myoporum laetium</i>	Ngaio	Sinis
<i>Nyctaginaceae</i>	Bougainvillea Family	
<i>Bougainvillea glabra</i>	Bougainvillea	Planted
<i>Oleaceae</i>	Ash Family	
<i>Olea europaea</i>	Olive	
<i>Phillyrea media</i>	Mock Privet	
<i>Orobanchaceae</i>	Broomrape Family	
<i>Orobanche caryophyllacea</i>	Clove-scented Broomrape	
<i>Orobanche pubescens</i>	Lesser Broomrape	
<i>Orobanche ramosa</i>	Branched Broomrape	
<i>Oxalidaceae</i>	Wood-sorrel Family	
<i>Oxalis pes-caprae</i>	Bermuda Buttercup	pernicious weed!
<i>Paeoniaceae</i>	Peony Family	
<i>Paeonia clusii</i>	Clusius's Peony	Omalos
<i>Papaveraceae</i>	Poppy Family	
<i>Fumaria capreolata</i>	Ramping Fumitory	
<i>Fumaria officinalis</i>	Common Fumitory	
<i>Glaucium flavum</i>	Yellow Horned-poppy	
<i>Hypocoum procumbens</i>		tiny yellow poppy, Malia

Group/Species	English Name(If any)	Location
<i>Papaver dubium</i>	Long-headed Poppy	
<i>P. Purpureomarginatum</i>		tiny, pale poppy
<i>Papaver rhoeas</i>	Common Poppy	
<i>Papaver somniferum</i>	Opium Poppy	
<i>Pittosporaceae</i>	Pittosporum Family	
<i>Pittosporum tobira</i>		planted
<i>Plantaginaceae</i>	Plantain Family	
<i>Plantago afra</i>	a Branched Plantain	
<i>Plantago bellardia</i>		tiny hairy plant
<i>Plantago coronopus</i>	Buck's-horn Plantain	
<i>Plantago cretica</i>	a Branched Plantain	
<i>Plantago lagopus</i>	Hare's-foot pLantain	
<i>Plantago lanceolata</i>	Ribwort Plantain	
<i>Plantago major</i>	Greater Plantain	
<i>Platanaceae</i>	Plane Tree Family	
<i>Platanus orientalis</i>	Oriental Plane	
<i>Plumbaginaceae</i>	Thrift Family	
<i>Limonium graecum</i>		
<i>Limonium sinuatum</i>	Winged Sea-lavender	Malia
<i>Polygalaceae</i>	Milk-wort Family	
<i>Polygala venulosa</i>	Eastern Milkwort	
<i>Polygala myrtifolia</i>	-	Planted shrub
<i>Polygonaceae</i>	Dock Family	
<i>Emex spinosa</i>	Emex	
<i>Persicaria maculosa</i>	Redshank	
<i>Rumex acetosa</i>	Sorrel	
<i>Rumex acetosella</i>	Sheep's Sorrel	
<i>Rumex bucephalophorus</i>	Bull's-head Dock	
<i>Rumex cypria</i>		
<i>Rumex conglomeratus</i>	Clustered Dock	
<i>Rumex pulcher</i>	Fiddle Dock	
<i>Primulaceae</i>	Primrose Family	
<i>Anagallis arvensis</i>	Scarlet Pimpernel	
<i>Anagallis foemina</i>		
<i>Cyclamen creticum</i>	Cretan Sowbread	Lasithi, Omalos
<i>Rafflesiaceae</i>	Rafflesia Family	
<i>Cytinus ruber</i>		Akrotiri
<i>Ranunculaceae</i>	Buttercup Family	
<i>Adonis microcarpa</i>	Yellow Pheasant's-eye	Akrotiri

Group/Species	English Name(If any)	Location
<i>Anemone coronaria</i>	Crown Anemone	
<i>Anemone hortensis</i> subsp. <i>heldreichii</i>		
<i>Nigella damascena</i>	<i>Love-in-the-mist</i>	
<i>Ranunculus arvensis</i>	Corn Buttercup	
<i>Ranunculus creticus</i>		Lasithi, large leaves
<i>Ranunculus ficaria</i> subsp. <i>ficariiformis</i>	Lesser Celandine	
Resedaceae	Mignonette Family	
<i>Reseda alba</i>	White Mignonette	
<i>Reseda lutea</i>	Mignonette	
Rosaceae	Rose Family	
<i>Amelanchier ovalis</i> subsp. <i>cretica</i>	Juneberry	Lasithi
<i>Crataegus monogyna</i> subsp. <i>azarella</i>	a Hawthorn	"
<i>Eriobotrya japonica</i>	Japanese Loquat	
<i>Prunus dulcis</i>	Almond	
<i>Prunus spinosa</i>	Blackthorn	
<i>Pyrus amygdaliformis</i>	Almond-leaved Pear	
<i>Rubus ulmifolius</i>	Bramble	
<i>Sanguisorba minor</i> agg	Salad Burnet	
<i>Sarcopoterium spinosum</i>	Thorny Burnet	Chicken-wire plant
Rubiaceae	Bedstraw Family	
? <i>Asperula incana</i>		Kourtilioko Gorge
<i>Galium aparine</i>	Cleavers	
<i>Rubia peregrina</i>	Wild Madder	
<i>Sherardia arvensis</i>	Field Madder	
Rutaceae	Rue Family	
<i>Citrus limon</i>	Lemon	
<i>Citrus sinensis</i>	Orange	
<i>Ruta chalepensis</i>	Fringed Rue	
Santalaceae	Sandalwood Family	
<i>Osyris alba</i>	Osyris	
Saxifragaceae	Saxifrage Family	
<i>Saxifraga chrysosplenifolia</i>		Omalos
Scrophulariaceae	Figwort Family	
<i>Bellardia trixago</i>	Bellardia	
<i>Linaria pelisseriana</i>	Jersey Toadflax	
<i>Misopates orontium</i>	Weasels Snout	
<i>Parentucellia latifolia</i>	Southern Bartsia	
<i>Parentucellia viscosa</i>	Yellow Bartsia	
<i>Scrophularia lucida</i>	French Figwort	
<i>Scrophularia peregrina</i>	Nettle-leaved Figwort	
<i>Verbascum arcturus</i> ***	Shrubby Mullein	Plakias, Akrotiri

Group/Species	English Name(If any)	Location
<i>Verbascum macrurum</i>	-	not in flower
<i>Verbascum sinuatum</i>	-	not in flower
<i>Verbascum spinosum***</i>	Spiny Mullein	not in flower
<i>Veronica arvensis</i>	Wall Speedwell	
<i>Veronica cymbalaria</i>	Cymbalaria-leaved Speedwell	
Simaroubaceae	Tree of heaven family	
<i>Ailanthus altissima</i>	Tree of Heaven	Knossos, planted
Solanaceae	Potato Family	
<i>Hyoscyamus albus</i>	White Henbane	
<i>Mandragora autumnalis</i>	Mandrake	
<i>Nicotiana glauca</i>	Shrub Tobacco	planted
<i>Solanum elaeagnifolium</i>	-	
<i>Solanum nigrum</i>	Black Nightshade	
Styracaceae	Storax Family	
<i>Styrax officinalis</i>	Storax	Turkish Bridge
Tamaricaceae	Tamarisk Family	
<i>Tamarix parviflora</i>	Small-flowered Tamarisk	
Thymelaeaceae	Daphne Family	
<i>Daphne sericea</i>	-	
<i>Thymelaea hirsuta</i>	-	
Urticaceae	Nettle Family	
<i>Parietaria cretica</i>	Cretan Pellitory	
<i>Parietaria judaica</i>	Pellitory-of-the-wall	
<i>Urtica membranacea</i>	Membranous Nettle	
<i>Urtica pilulifera</i>	Roman Nettle	
Valerianaceae	Valerian Family	
<i>Valeriana asarifolia</i>	Cretan Valerian	
Vitaceae	Vine Family	
<i>Vitis vinifera</i>	Vine	
MONOCOTYLEDONS		
Agavaceae	Agave Family	
<i>Agave americana</i>	Century Plant	
Amaryllidaceae	Daffodil Family	
<i>Pancreatium maritimum</i>	Sea Daffodil	Leaves only
Araceae	Arum Family	
<i>Arisarum vulgare</i>	Friar's Cowl	

Group/Species	English Name(If any)	Location
<i>Arum concinatum</i>	-	
<i>Arum idaeum</i> ***	Mountain Arum	Omalos
<i>Dracunculus vulgaris</i>	Dragon Arum	
Iridaceae	Iris Family	
<i>Gladiolus italicus</i>	Wild Gladiolus	
<i>Gynandriris monophyllus</i>		Plakias, Akrotiri
<i>Gynandriris sisyrinchium</i>	Barbary Nut	Spili
<i>Iris cretensis</i>	Cretan Iris	Spili
<i>Iris pseudacorus</i>	Yellow Flag	Agias
Liliaceae	Lily Family	
<i>Allium ameloprasum</i>	Wild Leek	Armeni
<i>Allium circinatum</i> subsp. <i>circinatum</i> ***	-	Akrotiri
<i>Allium neapolitanum</i> (triangular stem)	Naples Garlic	
<i>Allium subhirsutum</i> (round stem)	Hairy Garlic	
<i>Allium roseum</i>	Rosy Garlic	
<i>Asparagus aphyllus</i>	-	
<i>Asphodeline lutea</i>	Yellow Asphodel	
<i>Asphodelus aestivus</i>	Common Asphodel	
<i>Gagea graeca</i>	-	the tiny lily!
<i>Gagea peduncularis</i>	A Yellow Star of Bethlehem	
<i>Muscari comosum</i>	Tassle Hyacinth	widespread
<i>Muscari cycladicum</i>	a Tassle Hyacinth	Plakias
<i>Muscari spreitzenhoferi</i> ***	a Tassle Hyacinth	"
<i>Ornithogalum narbonense</i>	a Star of Bethlehem	
<i>Ornithogalum umbellatum</i>	a Star of Bethlehem	
<i>Ruscus aculeatus</i>	Butcher's Broom	
<i>Smilax aspera</i>	Smilax	
<i>Tulipa bakeri</i>	-	Omalos
<i>Tulipa doefleri</i>	-	Spili
<i>Urginea maritima</i>	Sea Squill	leaves only
Musaceae	Banana Family	
<i>Musa cavendishii</i>	Banana	Planted
Orchidaceae	Orchid Family	
<i>Anacamptis pyramidalis</i>	Pyramidal Orchid	
<i>Himantoglossum robertiana</i>	Giant Orchid	
<i>Ophrys bombyliflora</i>	Bumblebee Orchid	Lasithi, Spili
<i>Ophrys candida</i>	White Ophrys	Plakias/Armeni
<i>Ophrys creberrima</i>		Spili
<i>Ophrys cretica</i> subsp. <i>ariadnae</i>	Cretan Bee Orchid	Spili
<i>Ophrys cretica</i> subsp. <i>cretica</i>	Cretan Bee Orchid	Hersonissos
<i>Ophrys episcopalis</i>	Bishop's Ophrys	
<i>Ophrys heldreichii</i>	Heldreich's Ophrys	Armeni, Spili
<i>Ophrys iricolor</i>	Rainbow Ophrys	Spili
<i>Ophrys phryganae</i>	Phrygana Ophrys	

Group/Species	English Name(If any)	Location
<i>Ophrys sicula</i>	Small Yellow Ophrys	
<i>Ophrys tenthredinifera (villosa)</i>	Sawfly Orchid	Spili
<i>Orchis anatolica</i>	Anatolian Orchid	"
<i>Orchis anthropophora</i>	Man Orchid	Armeni, Spili
<i>Orchis boryi</i>	Bory's Orchid	Spili
<i>Orchis boryi X Orchis laxiflora</i>		"
<i>Orchis boryi X Orchis papilionacea</i>		"
<i>Orchis fragrans</i>	Bug Orchid	
<i>Orchis italica</i>	Naked Man Orchid	Armeni, Spili
<i>Orchis laxiflora</i>	Lax-flowered Orchid	Spili
<i>Orchis papilionacea subsp. heroica</i>	Pink Butterfly Orchid	Lasithi
<i>Orchis papilionacea subsp. alibertis</i>	Pink Butterfly Orchid	Spili
<i>Orchis pauciflora</i>	Sparse-flowered Orchid	"
<i>Orchis prisca</i>	Cretan Orchid	Omalos, (Pats Orchid!)
<i>Orchis quadripunctata</i>	Four-spotted Orchid	Spili
<i>Orchis sitiaca</i>		"
<i>Orchis tridentata</i>	Toothed Orchid	Lasithi
<i>Serapias bergonii</i>	Bergoni's Serapias	Armeni
<i>Serapias lingua</i>	Tongue Orchid	Widespread
<i>Serapias lingua X S. Bergonii</i>		Armeni
<i>Serapias orientalis subsp. orientalis</i>	Eastern Serapias	Hersonissos
<i>Serapias parviflora</i>	Small-flowered Tongue	Armeni
Poaceae (Graminae)	Grass Family	
<i>Aegilops geniculata</i>	-	
<i>Arundo donax</i>	Giant Reed	
<i>Ammophila arenaria</i>	Marram	
<i>Briza maxima</i>	Large Quaking Grass	
<i>Bromus sterilis</i>	Sterile Brome	
<i>Catapodium marinum</i>	Sea Fern-grass	
<i>Catapodium rigidum</i>	Common Fern-grass	
<i>Cynodon dactylon</i>	Bermuda Grass	
<i>Cynosurus echinatus</i>	Rough Dog's-tail	
<i>Lagurus ovatus</i>	Hare's Tail	
<i>Parapholis incurva</i>	Curved Sea Hard-grass	
<i>Phragmites australis</i>	Reed	
<i>Poa annua</i>	Annual Meadow-grass	
<i>Polypogon monspeliensis</i>	Annual Beard-grass	
Posidoniaceae	Posidonia Family	
<i>Posidonia oceanica</i>	Posidonia	
Typhaceae	Reedmace Family	
<i>Typha angustifolia</i>	Lesser Reedmace	

Birds (H = heard only)

	Common name	Scientific name	April								
			13	14	15	16	17	18	19	20	21
1	Little Grebe	<i>Tachybaptus ruficollis</i>					2		6		
2	Cory's Shearwater	<i>Calonectris diomedea</i>									✓
3	White Pelican	<i>Pelecanus onocrotalus</i>					1				
4	Little Bittern	<i>Ixobrychus minutus</i>							2		
5	Night Heron	<i>Nycticorax nycticorax</i>							1		
6	Squacco Heron	<i>Ardeola ralloides</i>			1	3	12		3		3
7	Little Egret	<i>Egretta garzetta</i>	1		1	1	12		1		
8	Great White Egret	<i>Egretta alba</i>					✓				
9	Grey Heron	<i>Ardea cinerea</i>		1			3				
10	Purple Heron	<i>Ardea purpurea</i>	1			2	1				
11	Lammergeier	<i>Gypaetus barbatus</i>							2		
12	Griffon Vulture	<i>Gyps fulvus</i>		20+	✓	✓	✓		✓	8	
13	Marsh Harrier	<i>Circus aeruginosus</i>	1						2	1	
14	Sparrowhawk	<i>Accipiter nisus</i>				1		1			
15	Buzzard	<i>Buteo buteo</i>	1	10	✓	✓	1	1	2	1	
16	Golden Eagle	<i>Aquila chrysaetos</i>							1		
17	Kestrel	<i>Falco tinnunculus</i>		3	4	4	3	6	1	✓	✓
18	Lesser Kestrel	<i>Falco naumanni</i>					10				
19	Chukar	<i>Alectoris chukar</i>				1			2		
20	Quail	<i>Coturnix coturnix</i>				H					
21	Little Crake	<i>Porzana parva</i>					2		5		
22	Moorhen	<i>Gallinula chloropus</i>		1			✓		✓		
23	Coot	<i>Fulica atra</i>					✓		✓		1
24	Stone Curlew	<i>Burhinus oedicnemus</i>	1								
25	Black-winged Stilt	<i>Himantopus himantopus</i>									1
26	Little Ringed Plover	<i>Charadrius dubius</i>					2		1		6
27	Little Stint	<i>Calidris minuta</i>							4		
28	Temminck's Stint	<i>Calidris temminckii</i>									1
29	Ruff	<i>Philomachus pugnax</i>							6		3
30	Greenshank	<i>Tringa nebularia</i>					1	1			
31	Wood Sandpiper	<i>Tringa glareola</i>				1	4		6		
32	Common Sandpiper	<i>Actitis hypoleucos</i>					3	2	4		2
33	Snipe	<i>Gallinago gallinago</i>					1				
34	Yellow-legged Gull	<i>Larus cachinnans</i>		✓	✓	✓	✓	✓	✓		✓
35	Common Tern	<i>Sterna hirundo</i>						1			
36	Woodpigeon	<i>Columba palumbus</i>	1	3	2						
37	Feral Pigeon / Rock Dove	<i>Columba livia</i>		✓	✓	✓	✓	✓	✓		✓
38	Collared Dove	<i>Streptopelia decaocto</i>	1	✓	✓	✓		✓	✓		✓
39	Turtle Dove	<i>Streptopelia turtur</i>					H				
40	Cuckoo	<i>Cuculus canorus</i>			H				H		
41	Scops Owl	<i>Otus scops</i>						H			
42	Alpine Swift	<i>Apus melba</i>			✓	✓	9				
43	Swift	<i>Apus apus</i>	✓	✓	✓			✓	30		
44	Kingfisher	<i>Alcedo atthis</i>					1				
45	Bee-eater	<i>Merops apiaster</i>						12+			
46	Hoopoe	<i>Upupa epops</i>				1	1	1			
47	Wryneck	<i>Jynx torquilla</i>		H	H		H				
48	Woodlark	<i>Lullula arborea</i>						1	3		
49	Crested Lark	<i>Galerida cristata</i>	✓		1	6	1	✓	✓	✓	✓

	Common name	Scientific name	April									
			13	14	15	16	17	18	19	20	21	
50	Short-toed Lark	<i>Calandrella brachydactyla</i>	15								3	1
51	Crag Martin	<i>Ptyonoprogne rupestris</i>		3	✓	✓	5					
52	Sand Martin	<i>Riparia riparia</i>								10		
53	Swallow	<i>Hirundo rustica</i>	✓	✓	✓	✓	✓	✓	✓	✓		
54	House Martin	<i>Delichon urbica</i>								20		
55	Tree Pipit	<i>Anthus trivialis</i>				1	1	1				
56	Red-throated Pipit	<i>Anthus cervinus</i>									4	
57	Tawny Pipit	<i>Anthus campestris</i>				1					1	
58	White Wagtail	<i>Motacilla alba</i>					1					
59	Yellow Wagtail	<i>Motacilla flava</i>	10						✓	6		
60	Wren	<i>Troglodytes troglodytes</i>		H	H					1		
61	Nightingale	<i>Luscinia megarhynchos</i>				1	H			H		
62	Redstart	<i>Phoenicurus phoenicurus</i>						1	1			
63	Whinchat	<i>Saxicola rubetra</i>	3			4		3	20	1		
64	Stonechat	<i>Saxicola torquata</i>		✓	✓	✓	✓	✓	✓	✓	✓	✓
65	Northern Wheatear	<i>Oenanthe oenanthe</i>				1	1	1	10			
66	Black-eared Wheatear	<i>Oenanthe hispanica</i>	1			✓						
67	Blue Rock Thrush	<i>Monticola solitarius</i>		1	1	2	2	2			2	
68	Blackbird	<i>Turdus merula</i>	1	✓	✓	✓	✓	✓	✓	✓		
69	Cetti's Warbler	<i>Cettia cetti</i>		H	H	H	1			1	H	
70	Great Reed Warbler	<i>Acrocephalus arundinaceus</i>			H					H		
71	Sedge Warbler	<i>Acrocephalus schoenobaenus</i>								H		
72	Whitethroat	<i>Sylvia communis</i>				1	1	1	2			
73	Blackcap	<i>Sylvia atricapilla</i>		H	H	1	H		4			
74	Sardinian Warbler	<i>Sylvia melanocephala</i>	1	✓	1	✓	✓	✓	✓	✓	✓	✓
75	Wood Warbler	<i>Phylloscopus sibilatrix</i>				1		1				
76	Spotted Flycatcher	<i>Muscicapa striata</i>					1	1				
77	Pied Flycatcher	<i>Ficedula hypoleuca</i>				2		✓	2			
78	Collared Flycatcher	<i>Ficedula albicollis</i>						2	1			
79	Blue Tit	<i>Parus caeruleus</i>				✓	✓		✓			
80	Great Tit	<i>Parus major</i>		✓	✓	✓	✓	✓	✓			
81	Woodchat Shrike	<i>Lanius senator</i>				2	2		1			
82	Chough	<i>Pyrrhocorax pyrrhocorax</i>		✓	✓		✓		✓			
83	Jackdaw	<i>Corvus monedula</i>		✓	✓	✓						
84	Raven	<i>Corvus corax</i>		✓	✓	✓	2	✓	✓			
85	Hooded Crow	<i>Corvus corone cornix</i>	3	✓	✓	✓	✓	✓	✓	✓	✓	✓
86	Italian (House) Sparrow	<i>Passer domesticus italiae</i>		✓	✓	✓	✓	✓	✓	✓	✓	✓
87	Spanish Sparrow	<i>Passer hispaniolensis</i>								1		
88	Chaffinch	<i>Fringilla coelebs</i>	3	✓	✓	✓	✓	✓	✓			
89	Serin	<i>Serinus serinus</i>		✓	✓		H	✓				
90	Greenfinch	<i>Carduelis chloris</i>	1	✓	✓	✓	✓	✓	✓			
91	Goldfinch	<i>Carduelis carduelis</i>	3	✓	✓	✓	✓	✓	✓			
92	Linnet	<i>Acanthis cannabina</i>	1			3	✓	✓	✓			
93	Corn Bunting	<i>Miliaria calandra</i>		H		2	1	H	2			
94	Cirl Bunting	<i>Emberiza cirlus</i>		2	H				3			
95	Ortolan Bunting	<i>Emberiza hortulana</i>				1						

	Common name	Scientific name	April								
			13	14	15	16	17	18	19	20	21

Butterflies

	Cretan Festoon						3					
	Scarce Swallowtail						1					
	Swallowtail		✓		2	✓		✓			1	
	Large White		✓	✓	✓	✓	✓	✓				
	Small White			✓		✓	✓	✓				
	Eastern Bath White				1							
	Clouded Yellow		✓	✓	✓	✓	✓	✓		✓		
	Common Blue		1	1	✓	✓						
	Brown Argus			1								
	Painted Lady		✓				1					
	Speckled Wood		✓	✓	✓	✓	✓	✓				
	Small Copper					1						
	Meadow Brown						1					
	Blue sp.								1			
	Skipper						1					
	Comma								1			

Reptiles

	Balkan Green Lizard	<i>Lacerta trilineata</i>		1	1	✓	1	✓			1	
	Erhard's Wall Lizard	<i>Podarcis erhardii</i>		1	1	✓		✓				
	Green Toad	<i>Bufo viridis</i>					1					
	American Bullfrog										1	
	Balkan Terrapin	<i>Mauremys rivulata</i>					2			50		

Mammals

	Beech Marten		several dead on roads								
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Dragonflies

	Blue Emperor	<i>Anax imperator</i>				1						
	Banded Demoiselle											
	Damselfly sp	<i>Sympetrum sp.</i>			1							

Other invertebrates

	7 spot Ladybird	<i>Coccinella 7-punctata</i>	1	1		✓						
	5 spot Ladybird	<i>Coccinella 5-punctata</i>				2						
	Egyptian Grasshopper	<i>Anacridium aegyptium</i>	1		1	1						
	Giant Green Bush-cricket			1								
	Carpenter Bee		1	1		✓						
	<i>Lygaeus saxatilis</i>		1									
	Land Crab					1						
	Dung Beetle sp.					1						