

Crete

13th to 20th April 2010
(extended to 22nd)

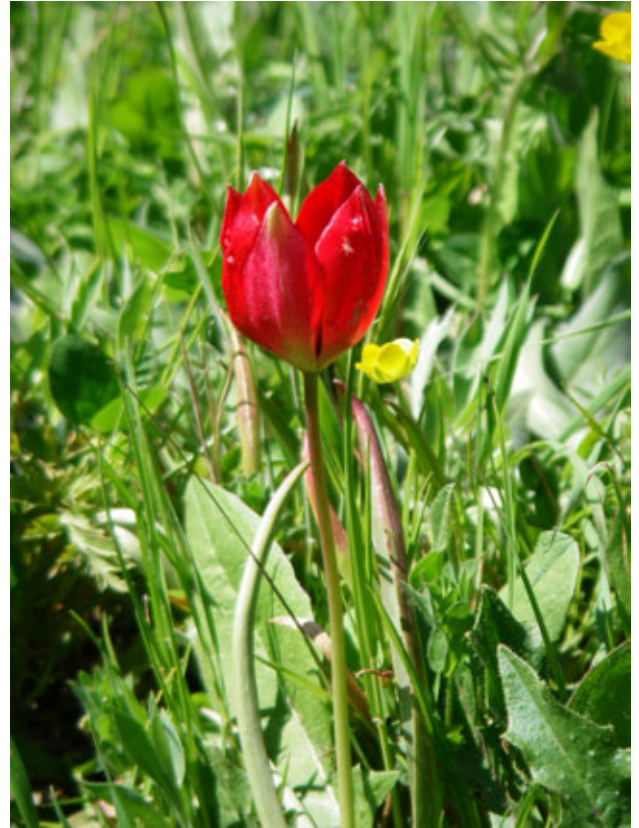
Leaders

Liz Charter

Driver

Marinos

This was an unusual trip in more ways than one. The small group were very much more interested in plants than birds (hence the extensive plant list), but the dry spring meant that, although the dates were earlier than previous years, the plants were well advanced. Finally the volcanic activity in Iceland and closures of northern European airports due to the dust cloud led to the tour being extended by two days.



Tulipa doerfleri

Trip Diary

Tuesday 13th April

Warm, sunny and still

After a smooth flight from Gatwick we arrived to warm hazy sunshine in Chania airport. Here we were met by a local driver, whom we persuaded to drive us to Kournas Lake. Here we sipped freshly squeezed orange juice in a waterside taverna, watched **Little Grebes** dabbling and listened to **Cetti Warblers** in the **chaste bush** scrub. We had our first encounters with floral specialities, such as the **giant fennel**, by the lakeside and met the **Violet Carpenter Bee**. Then we checked into the Kalyves Beach Hotel right on the sandy shore overlooking the mouth of Souda bay. We enjoyed an extensive hot and cold Greek buffet supper, and were soon getting to know one another.

Wednesday 14th April

Clear, sunny and warm with sea breeze

We first met our driver for the week, Marinos from Heraklion. Our first stop was the superb birding site, Agia Lake. In the early morning it was peaceful with many waders and **Little Crakes** walking and over the extensive floating mat of weed. We watched **Little Bittern**, **Little Egret** and **Wood Sandpiper** as well as having a good view of a **Dice Snake** swimming. We had a coffee stop in Malame before driving to Kolimbari shore where **sea daffodils** and their inflated charcoal-like seeds fascinated us. We also found the stick-

insect-like **long nosed grasshopper**, and other sandy shore plants. We ate our picnic salad lunch by Kolimbari harbour before walking up to the little cemetery there. Here we found the **tongue orchid**, **salsify**, and **spiny burnet** among the many shrubs and herbs which grow by the path.

We drove up to Afrata village and then walked down to the gorge, past gardens, vineyards and olive groves. On this walk we saw our first **dragon arum** and started to identify common roadside plants. Down at the cave chapel we encountered our first Greek Orthodox icons. We also found several Cretan endemic plants growing on the rock face here; **Cretan yarrow**, **Cretan mullein** and **Cretan cyclamen**. The terrace outside the chapel is a good place to watch the nesting **Kestrels** which were calling and circling, and a **Blue Rock Thrush** perched on a rock opposite us then flew across the gorge. We walked back to enjoy a cup of coffee or mountain tea in the village taverna and we were shown the dried plants collected locally and at Omalos.

After another excellent supper we pondered our photographs of the plants and animals we had seen, and made identifications.

Thursday 15th April

Clear, sunny and warm

We set out early for our day at the gorges, stopping first at the Petres river mouth where we saw a **Kingfisher** and identified **Thymelea**. The late Minoan cemetery at Armeni looked glorious with a great variety of flowers in the ungrazed **Vallonia Oak** woodland. Here we found our first **Orchis** and **Ophrys** orchids. There were good shows of **naked man orchid**, well camouflaged **yellow bee orchids** and **golden drop** or **Onosma**. We photographed a curious orchid which turned out to be a hybrid of **large flowered bee** (*Ophrys episcopalis*) and **Heldreich's**.



Large flowered bee or hybrid? (David Tristram)

After a stop for fresh orange juice and stunning views over the central Cretan hills and valleys we continued to the Kali Sikia Road, where we walked to a little gorge finding **four spotted, few flowered, lax flowered, pyramidal and man orchids**. Here we also saw a **Scarce Swallowtail** butterfly.

Before lunch we walked down the Kotsiphos Gorge, where the first treat was an excellent view of the **Cleopatra** butterfly, followed by **Cretan arum** and **tree flax**. **Choughs** and **Jackdaws** called from high above us. Further chasmophytes included **tubular campanula**, **shrubby catchfly**, **Ricotia** and ***Sedum creticum***

At lunchtime sitting outside another cave chapel we watched about a dozen **Griffin Vultures** starting to glide overhead in the midday thermals. Someone remarked that it wasn't a bad life being a vulture, getting up late and hanging around effortlessly in their underwear (thermals?... groan).

We next drove down and east along the south coast with views over the Libyan Sea (no Liz that island isn't Africa!). We stopped briefly in the Kourtaliotiko Gorge to admire the amazing views and see **Crag Martins** swooping past.

Our special destination for the day was the plateau above Spili where we took a long winding road up through woodland and maquis to farmland where we stopped and looked at and photographed the spectacular red tulips (***Tulipa doerfleri***). After walking through the fields with vivid lime green **perfoliate alexanders** we crossed the stream onto the little hill. Here botanists from around the world were marvelling at the range and profusion of orchids, with opportunities to tell those who joined our group about Travelling Naturalist tours. Groups of **naked man orchid** were most conspicuous but among the orchids were **woodcock, brown bee, Bory's, rainbow and yellow bee**. We also found clumps of leaves from ***Iris unguiculata***. Photos examined later revealed other orchid species ***Orchis anatolica, Ophrys sitiaca* and large flowered bee**.



Spili orchid hill with naked man orchid

At our last stop, a little further on this road, we found **wild fritillary** (*F. messanensis*) under a hawthorn bush and others growing with **man orchid**, **Cretan orchid**, the wild **Daphne** (*Daphne sericea*) and **tassel hyacinth**. After a very satisfactory day we celebrated Angela's birthday and watched the startling BBC news, saying that airports across Europe were closed due to volcanic ash from an unpronounceable Icelandic volcano.

Friday 16th April

Clear, sunny and warm with a breeze on the plateau

We began the day at Agia Lake where we spotted a **Green Tree Frog** crouching half way along a stem of **giant reed** and the **dice snake** curled up in the sunshine in the dead reeds. After recording **Ruff**, **Wood Sandpiper** and **Little Stint** on the floating weed we watched a **Little Ringed Plover** and several **Common Sandpipers** at the outflow. This is where we met an RSPB friend of Liz's from Orkney, which was a great surprise and made her birthday even more special.

We drove up to Omalos stopping to look at the view and arrived on the plateau for orange juice and mountain tea at the taverna of the badly stuffed lammergier. Soon after this we found the pink **Cretan tulips**, agreeing their ID after much discussion and comparing editions of Marjorie Blamey's book. These tulips flower where the grazing is prevented by high metal fences. We had missed the **widow iris** flowering, although there were faded petals and seed pods. We also spotted buds of an unknown Allium.

We lunched in the shade at the head of the Samaria Gorge where there were breath-taking views of the mountains, still with small snow patches. We noted a new visitor centre for the national park, which was not yet open. The **Peone clusii** was in perfect full bloom by the cafe.



Grazing sheep at Omalos (Angela Witherby)

A stop to see **crown anemones** and more **Cretan Tulips** also revealed small **Orchis tridentata**. At the seasonal pond, now part of an EU Life project for priority habitats, the

only birds were **Hooded Crows** and while the **land quillwort** was in evidence we failed to find the **sand crocus**.

We dropped down from the Omalos plateau past the new wind generators to Agia Irini Gorge. We had a peaceful walk down to the stream accompanied by birdsong and in the damp shade spotted **Friar's cowl**, **Cretan cyclamen** and **celery-leaved alexanders**.

On the way back we called at Agia lake again for well-earned refreshments and more bird watching, with excellent views of **Squacco Herons**.

The hotel provided further means of birthday celebration while again we scheduled in the 9.00 world news between supper and our nightly checklist and planning gathering.

Saturday 17th April

Hot and sunny

It was very warm and sunny when we arrived in Chania. We were dropped off just west of the Venetian harbour by the fort. We immediately spotted the endemic **Cretan wall lettuce**, **henbane** and **Malcolmia maritima** in the ancient stonework, and a colourful piece of wasteland with **yellow horned poppies**, **corn poppies** and **common mallow**.



Yellow horned poppies on waste ground in Chania

After a short tour of the old lanes looking at Venetian and Turkish architecture we headed for the covered market. After all had been able to shop, enjoy the harbour side cafes and take in the delightful ambiance of the old port we met up by the Hassan Pasha Mosque and walked down to see the Minoan boat reconstruction in one of the ancient barrel-roofed boathouses, now part of the Maritime Museum.

We ate our lunch at Venezelou's Graves a park overlooking Chania and enjoyed local cheese from the market and Rakomelo (raki sweetened with honey) with our packed lunch. Highlights here were the enormous beetle larva which could only have been that of a **stag beetle**, soft and vulnerable without its protective tree trunk home. We also had views of a **Serin** feeding on the grass but some way off.



The huge beetle larva at Venezelou Graves

We drove to Agia Triada and visited the Monastery, spending time in the new museum and shop (**millipedes** climb the walls in the cloisters) as well as the basilica and garden.

As we arrived at Agia Gouvernatou two eagles flew over. Most of us walked down to the cave chapel among the garrigue (short grazed scrub) dominated by *Calycotome* and *Lentisc*. By the path we discovered the diminutive **Cretan mallow**, small *Gynandris monophylla* (a **barbary nut iris**), a little parasitic plant **Cytinus**, which grows on *Cistus parviflorus* roots. We also found **Cretan bryony** here and **pheasants eye** (another mini plant). The cave is memorable and surprisingly large with a pulpit and water tank (for baptisms?). It is guarded by colonies of **Cretan door snails**.

We stopped again between the two monasteries and immediately treated to excellent views of a **woodchat shrike**. The other attractions here were the many newly opened **Dragon arum** flowers and yes they do smell like a dead animal.

We returned to find the hotel full of stranded Norwegians, unable to return home due to the volcanic ash cloud disrupting flights.

Sunday 18th April

Warm and sunny with thin cloud, breezy later

We made an early visit to Apta in the warm sunshine. The Hellenic, Venetian and Roman ruins were surrounded by colourful plants: **crown daisies**, **mulleins** and **poppies**. The

covered cistern from the time of the Roman occupation was especially atmospheric with the amplified cooing of **Rock Doves**.

At the Moronis River mouth we followed the river bank walk to the sea at Souda bay stopping to watch the **Black Winged Stilt, Common Sandpipers** and a **Greenshank**. Various saltmarsh plants were found here, including **sea** and **sharp leaved rush**. In the wild area by the cemetery we found numerous **tongue orchids, rose garlic** and wild **hairy lupin**. We spent some thoughtful time in the Souda Bay British War Cemetery where we found the grave of John Pendlebury, who was a respected archaeologist, worked with Cretan resistance and had an important role in the Battle for Crete.



Visiting Souda Bay War Cemetery

We had lunch in Chania at a waterside taverna specialising in fish where the surprise sweet was Greek yoghurt with green pistachios in syrup. By then we were ready for a short stroll by the harbour and a free afternoon back at Kalyves.

We packed our bags for the next days move and as usual we watched the news of the Icelandic volcano.

Monday 19th April **Wet in the morning, cool, sunny and breezy in afternoon.**

We set off in the rain for Heraklion, stopping first at Georgioupolis lake in a break from the rain, where we saw various waders, a **Great Tit** and a **Grey Heron**. Then we stopped for hot chocolate made with goats milk at a roadside café. We arrived near Heraklion at a seaside restaurant where fish and local lamb were on the menu. At 2.00 we arrived at Knossos to find they closed at 3.00 – winter opening times. We had a rather rushed but informative tour of the palace and throne room with brief glimpses of two **Hoopoes**.

After checking into the Europa beach hotel we took a walk along shingle beach and the rather muddy saltmarsh seeing **Squacco Heron**, **Little and Great Egrets**, many **Little Ringed Plovers** (some showing breeding behaviour), a **Black Winged Stilt** and a chunky flying wader – a possible **Stone Curlew**. While here we made the decision to return to Kalyves Beach the following night, as it looked very unlikely that we would be flying to Gatwick the following day.

Tuesday 20th April

Sunny and windy

After packing and leaving the Europa we drove out to Selinari Gorge via Malia where we bought locally grown bananas. In the gorge we immediately spotted a **Griffin Vulture** on a nest and a chick's small head just visible over the nesting ledge. As the clouds cleared and the gorge warmed up more and more vultures began to circle, reaching 15 or more in the air over us. One of the nesting pair flew low overhead and we watched it spiral upwards slowly in the warming air. Those who were looking down discovered **green marjoram** and **Cretan Phlomis**. As we walked back to the bus we found the **milk thistle** buds had attracted a variety of beetles, two different **weevils**, **pollen beetles**, and **long-horn beetles**. We marvelled at the cliff climbing goats.

Our next destination was Heraklion museum to see the Knossos Minoan treasures and other local antiquities in the very good temporary exhibition. This was followed by a pitta bread lunch (enough for 2 days). Then we drove back to Kalyves stopping at Kournas lake for another orange juice break, this time by a very breezy rippled lake. We were warmly welcomed on our return to Kalyves Beach Hotel and found we were almost the only guests.

Wednesday 21st April

Sunny, cool and breezy

It was a quiet morning punctuated by updates on travel but we sampled the local taverna's coffee, chocolate and biscuits. After a picnic lunch of assorted contributions most of us walked up to Kouras, the Stone House (inspired by Gaudi). On the way we botanised slowly seeing **Cerinth** and other gems. Although not officially open we were treated to Raki at the Stone House. Others enjoyed a relaxing afternoon in the sun at the Hotel.



Kalyves Beach hotel

Thursday 22nd April

Very warm and sunny

We hired a vehicle for what proved to be our last day. First we drove to Agia lake again and saw many of the same birds but also a **Marsh Harrier** flew low overhead giving everyone excellent views. We also walked round the lake to the back of the Church recording **lax-flowered orchid** and **corky fruited waterdropwort** in a patch on uncut meadow. Where the grass was being strimmed **Western Yellow Wagtails** were collecting the insects. While we were here we heard that we had seats on the 10.25 pm flight that night. Then we went and sipped orange juice at the larger restaurant overlooking the lake where a **Ruff** fed on the lawn. We lunched at the picnic site near the Agia church and enjoyed hot sunshine.



Bird watching at Agia lake

After a brief excursion into Chania to see if we could locate the Botanic garden of the Mediterranean Agronomic Institute (which also hosts a virtual botanical museum www.maich.gr/) we decided to return to Aptera. Here we began at the Turkish fort perched 230m up overlooking Souda bay, where we found **fringed rue**.



Turkish fort at Aptera

Then we walked down to the Roman amphitheatre which was surrounded by **corn poppies**, before reluctantly heading back to Kalyves to pack. When we left the hotel we felt the staff were genuinely sad to see us leave. As a parting gift we were each given a small bottle of house wine.

We flew back to Gatwick arriving after midnight and said our goodbyes at a hotel over breakfast the next morning, agreeing it had been a very memorable tour.

Liz Charter April 2010

Species Lists
BIRDS

Crete 2010

2 Chukar partridge	<i>Alectoris chukar</i>	2 seen on the way to Afrata on 14th
5 Mallard hotel most days.	<i>Anas platyrhynchos</i>	very domesticated mallard type drake by Kalyves
10 Ferruginous duck through scope.	<i>Aythya myroca</i>	one female preening by Agia on 22nd observed
13 Little Grebe Lake Kournas on 13th and 20th	<i>Trachybaptus ruficollis</i>	2-4 seen at Agia on 14th, 16th and 22nd and
17 Little Bittern	<i>Ixobrychus minutus</i>	One seen at Agia on 14th and 16th
19 Squacco Heron Also one seen on 19th at Aposelemis	<i>Ardeola ralloides</i>	up to 4 birds on Agia on 14th, 16th and 22nd.
21 Grey Heron Aposelemis on 19th	<i>Ardea cinerea</i>	one seen at Agia on 14th and one seen at
23 Little Egret well as at Souda bay on 18th and at Aposelemis on 19th	<i>Egretta garzetta</i>	singles seen at Agia on 14th, 16th and 22nd as
Great White Egret	<i>Egretta alba</i>	one seen at Aposelemis on 19th beside little egret
27 Common Kestrel Gorge.	<i>Falco tinnunculus</i>	singles seen daily. 2 pairs nesting in Afrata
31 Peregrine	<i>Falco peregrinus</i>	one seen on 16th coming down from Omalos
34 Griffon Vulture smaller numbers above Kourtaliotiko on 15th. 15 + including pair with one chick in nest in Selinari Gorge on 20th	<i>Gyps fulvus</i>	10+ flying above cliffs in Kotsifos Gorge and
36 Marsh Harrier	<i>Circus aeruginosus</i>	one seen over Agia on 22nd
40 Buzzard	<i>Buteo buteo</i>	Common 1-2 seen everyday.
Eagle sp		one seen on 17th over Akrotiri
44 Little Crake	<i>Porzana parva</i>	at least 3 seen at Agia on 14th, 16th and 22nd
47 Moorhen Georgiopolis and Kournas	<i>Gallinula chloropus</i>	small numbers with chicks at Agia, singles at
48 Coot at Agia, including young, and a few at Georgiopolis on 19th.	<i>Fulica atra</i>	a pair at Kournas on 13th, 60+ on each occasion
49 Stone-curlew flight at Aposelemis	<i>Burhinus oedicnemus</i>	one possible sighting of this robust wader in
50 Black Winged Stilt and Aposelemis river on 19th	<i>Himantopus himantopus</i>	singles seen at Moronis river mouth on 18th
50 Little Ringed Plover Aposelemis on 19th and 2-3 seen on 22nd at Agia	<i>Charadrius dubius</i>	one Pair holding territory and several others at
60 Common Greenshank Aposelemis on 19th	<i>Tringa nebularia</i>	on on 18th at Moronis river mouth and one at
62 Wood Sandpiper Georgiopolis	<i>Tringa glareola</i>	2-5 at Agia on each occasion and one at
61 Common Sandpiper outflow, 3 at Moronis river on 18th 2-3 at Aposelemis and occasionally at Kalyves river mouth.	<i>Tringa hypoleucus</i>	several on each visit to Agia especially at
64 Little Stint	<i>Calidris minuta</i>	2 at Agia on 14th and again on 16th
68 Ruff	<i>Philomachus pugnax</i>	1 or 2 seen on each visit to Agia
70 Yellow-legged Gull Kalyves.	<i>Larus michahellis</i>	Large flock seen on Agia and offshore at
74 Rock Dove Gorges.	<i>Columba livia</i>	Common, as Feral Pigeon. Some true forms in the
77 Collared Dove	<i>Streptopelia decaocto</i>	Common in towns and villages.
83 Alpine Swift	<i>Apus melba</i>	small numbers at Agia on 22nd
84 Common Swift	<i>Apus apus</i>	Seen in small flocks almost daily.
87 Hoopoe birds live	<i>Upupa epops</i>	2 seen briefly at Knossos where we were told 35+
89 Woodchat Shrike .	<i>Lanius senator</i>	Good view of one at Akrotiri on 17th
91 Jay .	<i>Garrulus glandarius</i>	one seen on Omalos on 16th

92 Red billed Chough Kotsiphos gorge on 15th	<i>Pyrrhocorax pyrrhocorax</i>	small numbers seen and heard above
93 Jackdaw	<i>Corvus monedula</i>	small group on 15th at Kotsiphos Gorge
94 Hooded Crow	<i>Corvus cornix</i>	Common seen daily throughout.
95 Raven	<i>Corvus corax</i>	one seen on 16th at Samaria gorge
96 Great Tit Georgiopolis	<i>Parus major</i>	regularly heard but seen at Agia Irini and
97 Blue Tit start of Kalli Sikia road	<i>Parus caeruleus</i>	seen at Samaria and Irini gorges as well at at the
100 Swallow	<i>Hirundo rustica</i>	Common small numbers seen daily.
101 Crag Martin and Afrata Gorges.	<i>Ptyonoprogne rupestris</i>	Small numbers in the Kourtaliotiko, Kotsifos
102 House Martin at Knossos	<i>Delichon urbanicum</i>	small numbers seen on 16th at Agia and on 19th
105 Crested Lark	<i>Galerida cristata</i>	Heard and seen at Akrotiri and at Aposelemis
108 Cetti's Warbler Akrotiri.	<i>Cettia cetti</i>	Heard everywhere except Omalos Plateau and
111 Sedge Warbler	<i>Acrocephalus schoenobaenus</i>	Seen and heard at Agia on 14th
117 Blackcap	<i>Sylvia atricapilla</i>	heard on each visit to Agia
121 Sardinian Warbler	<i>Sylvia melanocephala</i>	brief glimpse at Samaria gorge on 16th
124 Wren	<i>Troglodytes troglodytes</i>	one seen in Agia Irini gorge
127 Blackbird		Common recorded almost daily.
131 Common redstart Gouvernetou monastery	<i>Phoenicurus phoenicurus</i>	one seen by leader on way down from
32 Whinchat	<i>Saxicola rubetra</i>	one seen in Kalyves on 21st
133 Stonechat	<i>Saxicola torquatus</i>	one seen on way up to Omalos
130 Black-eared Wheatear species	<i>Oenanthe hispanica</i>	one seen on Akrotiri on 17th believed to be this
137 Blue Rock Thrush Kotsifos gorge on 15th	<i>Monticola solitarius</i>	One seen on 14th in Afrata gorge and one seen in
140 Collared Flycatcher Aposeleis	<i>Ficedula albicollis</i>	one pied or collared flycatcher seen in scrub at
142 Italian Sparrow	<i>Passer domestica</i>	Common.
145 Yellow/blue headed Wagtail and one female at Agia on 27 th and 28 th .black-headed form watched at Agia on 14th, 16th and 22nd and on 19th at Georgiopolis, as well as blue-headed on 22nd at Agia	<i>Motacilla flava</i>	Small flock seen at Malia on 23 rd and one male
146 White wagtail	<i>Motacilla alba alba</i>	One seen on 19th at Aposelemis
151 Chaffinch	<i>Fringilla coelebs</i>	common
152 Serin	<i>Serinus serinus</i>	one seen at El Venezelou's Grave park on 17th
153 Greenfinch	<i>Carduelis chloris</i>	seen and heard on 16th and 18th
154 Goldfinch	<i>Carduelis carduelis</i>	commonly heard and occasionally seen
158 Nuthatch	<i>Sitta europa</i>	one seen on 15th by Angela
MAMMALS		
5 Beech marten	<i>Martes foina</i>	dead on road between Kalyves and Souda
6 Badger	<i>Meles meles</i>	dead on road between Kalyves and Souda
AMPHIBIANS		
13 Common tree frog	<i>Hyla arborea</i>	2 seen at Agia on 16th
14 Marsh frog Kournas on 20th	<i>Rana ridibunda</i>	seen at Agia on 14th, 16th and 22nd as heard at
15 Cretan frog Omalos on 16th	<i>Rana cretensis</i>	possible sightings at Spili on 15th and tadpoles on
REPTILES		
19 Erhard's wall lizard	<i>Podarcis erhardii</i>	seen at Agia and other places.

20 Balkan green lizard	<i>Lacerta trilineata</i>	seen at Agia
22 Balkan terrapin	<i>Mauremys rivulata</i>	numerous at Agia and some in Aposelemis river
24 Dice snake	<i>Natrix tessellata</i>	seen swimming and sun bathing at Agia
FISH		
27 Grey mullet	<i>Mugil sp</i>	seen in Chania harbour
BUTTERFLIES		
30 Common swallowtail	<i>Papilio machaon</i>	seen at Venezelou's graves and Aptera
31 Scarce swallowtail	<i>Iphiclides podalirius</i>	Kail Sikia road and Chania
33 Large white	<i>Pieris brassicae</i>	Common
37 Clouded yellow	<i>Colias croceus</i>	frequently seen
38 Brimstone	<i>Gonepteryx rhamni</i>	Aptera ?
39 Cleopatra	<i>Gonepteryx cleopatra</i>	at top of Kotsiphos gorge
42 Small blue	<i>Cupido minimus</i>	seen at Agia, Spili and Gouvernatou
44. Common blue	<i>Polyommatus icarus</i>	Agia and Aptera
46 Red admiral	<i>Vanessa atalanta</i>	Afrata and elsewhere
50 Speckled wood	<i>Pararge aegeria</i>	at Agia
51 Wall brown	<i>Lasiommata megera</i>	at Moronis river
52 Small skipper	<i>Thymelicus flavus</i>	at Aptera on last day
MOTHS		
58 Pine processionary	<i>Thaumetopoea pityocampa</i>	Webs on pines first seen going to Afrata
DRAGONFLIES		
64 Southern Hawker	<i>Aeshna cyanea</i>	seen at Agia
66 Red veined darter	<i>Sympetrum fonscolombii</i>	seen at Agia
69 Banded demoiselle	<i>Calypteryx splendens</i>	one seen at Agia outflow on last day
OTHER INSECTS		
71 Egyptian grasshopper	<i>Anacridium aegyptium</i>	common
72 Long nosed grasshopper	<i>Acrida ungarica</i>	at Kolimbari shore and Aptera
73 Spider hunting wasp	<i>Scolia Sp</i>	At malame and Kolimbari
74 Paper wasp	<i>Polistes gallicus</i>	at Agia
76 Violet carpenter bee	<i>Xylocopa violacea</i>	
79 Honey bee	<i>Apis mellifera</i>	common
80 Pharaoh's ant	<i>Monomorium pharaonis</i>	common
83 Colorado bug	<i>Graphosoma italicum</i>	
84 Dor beetle	<i>Geotrupes stercorarius</i>	crossing road
90 Cretan soldier beetle	<i>Lygaeus saxatilis</i>	on rose garlic at Souda bay
91 Green tiger beetle	<i>Cicindela campestris</i>	on Omalos plateau
Golden striped chafer beetle	?	by Europa beach hotel
Stag beetle larva	?	at Venezelou and Knossos
Millipede		at Agia Triada
93 Pollen beetle	<i>Oxythyrea funestra</i>	
Weevil spp	<i>Liparus?</i>	Selinari gorge
OTHER TAXA		
102 Cretan Door snail	<i>Albinaria inflata</i>	by Gouvernatou and in Kotsiphos gorge
102 Banded snail	<i>Cornuella virgata</i>	common
103 Mediterranean white snail	<i>Albea candidissima</i>	Kolimbari
106 Garden snail	<i>Helix aspersa</i>	Spili and Souda bay

PLANT LIST : CRETE 2010

Numbers refer to Blamey & Grey Wilson "Wild Flowers of the Mediterranean" Not all species are in this book.

Those marked # are endemic to Crete, and those marked @ are endemic to Crete and Karpathos (Lance Chilton's Plant List for Crete 2000).

Gymnosperms -Conifers

<i>Araucaria heterophylla</i>	Norfolk Island pine frequently planted
<i>Cupressus sempervirens</i>	Italian cypress	11widespread.....
<i>Pinus brutia</i>	Aleppo pine sub species	2. Seen
<i>Pinus sp</i>		
Angiosperms - Dicotyledons		
<i>Quercus aegilops</i>	Valonia oak	28 at Armeni
<i>Quercus coccifera</i>	Kermes oak	24 on way to Omalos
<i>Cytinus hypocistis</i>	Cytinus	32 one plant gone over by path down
to Gouvernatou cave (Akrotiri)		
<i>Morus alba</i>	White mulberry	41 widespread heavily pruned.
<i>Osyris alba</i>	Osyris (sandalwood family)	44 seen at Armeni in great patches,
flowering.		
<i>Urtica pilulifera</i>	Roman nettle	48 seen by Gouvernatou cave.
<i>Urtica membranacea</i>		by road to Kouros - Kalyves
<i>Parietaria judaica</i>	Pellitory of the wall	50 widespread on limestone.
<i>Aristolochia sempervirens</i>	Birthwort	57 found at N end of dam at Agia
lake.		
<i>Rumex bucephalophorus</i>	Red sea dock	78 seen on the shore near Kolimbari
<i>Salicornia europea agg</i>	Glasswort	85 found in abundance at Aposelemis
and also at Moronis river mouth.		
<i>Sueada vera</i>	Shrubby seablite	94 found at Aposelemis.
<i>Sueada annua</i>	annual seablite	XX found at Aposelemis.
<i>Bougainvillea glabra</i>	Bougainvillea	110 common in gardens
<i>Caprobrotus edulis</i>	Hottentot fig	115 planted and naturalised
<i>Silene fruticosa</i>	Shrubby catchfly	156 Kotsiphos gorge flowers over.
<i>Silene cretica</i>	Cretan catchfly	167 Kotsiphos and a stop on way to
Omalos		
<i>Silene gallica</i>	Small-flowered catchfly	176 at Agia lake among other places.
<i>Silene colorata</i>		180 Kolimbari shore and Aposelemis
<i>Silene vulgaris</i>	bladder campion	157 at Aptera
<i>Silene gigantea</i>	giant catchfly	at kotsiphos gorge in fruit
<i>Kohlrauschia velutina</i>	Proliferous pink	187 several places incl Kotsiphos
gorge top.		
<i>Clematis flammula?</i>	fragrant clematis	205 near Kalyves
<i>Anemone coronaria</i>	Crown anemone	211 Omalos plateau
<i>Anemone heldreichii</i>		215 Spili fields
<i>Adonis microcarpa</i>	Pheasant's eye	222 near Gouvernatou cave
<i>Nigella damascena</i>	love in the mist	231 near Gouvernatou monastery
<i>Ranunculus creticus</i>	Cretan gorge buttercup	...Kali Sikia road gorge...
<i>Ranunculus sceleratus</i>	Celery leaved buttercup	251 common
<i>Ranunculus asiaticus</i>	turban buttercup	257 near Aptera
<i>Ranunculus spp</i>	Water crowfoots	...Omalos pond
<i>Paeonia clusii</i> @	Clusius's peony	271 near head of Samaria Gorge by
cafe		
<i>Capparis spinosa</i>	caper	279 on a building at Aptera
<i>Berberis cretica</i>	Cretan barberry	Omalos plateau
<i>Papaver rhoeas</i>	Common poppy	283 common

<i>Papaver dubium</i>	Long-headed poppy	284 seen once Aptera ?
<i>Glaucium flavum</i>	Yellow-horned poppy	293 Chania and Petres river mouth
<i>Fumaria capreolata</i>	Ramping fumitory	303 Aptera
<i>Ricotia cretica</i> #	Ricotia	319 Kotsiphos gorge
<i>Malcolmia maritima</i>		316 near sea in Chania
<i>Aubrieta deltoidea</i>	Aubrieta	324 above Samaria gorge
<i>Matthiola tricuspidata</i>	Three-horned stock	329 on shore at Kolimbari and Aposelemis
<i>Biscutella didyma</i>	Buckler mustard	341 common
<i>Brassica cretica ssp cretica?</i>	Cretan gorge cabbage	Kotsiphos gorge
<i>Cakale maritima</i>	sea rocket	363 Kalyves
<i>Lunaria annua</i>	Honesty	among remains at Aptera
<i>Reseda lutea</i>	mignonette	376 near Aptera
<i>Sedum rubens</i>	Biting stonecrop	389 near Aptera Turkish fort
<i>Sedum creticum var monocarpicum?</i>	Rosette stonecrop	in Kotsiphos gorge and by cave at Gouvernatou
<i>Umbilicus horizontalis</i>	Navelwort	398 Gouvenatou cave
<i>Platanus orientalis</i>	Plane	400 common
<i>Sarcopoterium spinosum</i>	Thorny burnet	411 common
<i>Crataegus monogyna</i>	Hawthorn	420 comon on Omalos plateau
<i>Pyrus spinosa (P. amygdaliformis)</i>	Spiny or almond shaped pear	XX also on Omalos plateau
<i>Prunus dulcis</i>	wild almond	421 at Aptera
<i>Rubus sanctus</i>	Bramble	428 common esp Agia
<i>Eriobotrys japonica</i>	Loquat	429 planted
<i>Cercis siliquastrum</i>	Judas tree	430 planted
<i>Ceratonia siliqua</i> cemetery)	Carob, locust tree	431 common (Akrtiri and at Kolimari
<i>Acacia sp.</i>	Mimosa sp.	432 by National Road
<i>Calycotome villosa</i>	Hairy Thorny broom	453 common on hillsides
<i>Spartium junceum</i>	Spanish broom	481 by National Road
<i>Lupinus pilosus?</i>	Hairy lupin	484? At Souda bay rough area
<i>Robinia pseudacacia</i>	False acacia	488 by national road
<i>Bituminaria bituminosa</i>	Pitch trefoil	508 very common
<i>Vicia villosa</i> from Agia irini	purple Fodder vetch	510 occ on roadside coming back
<i>Vicia hybrida</i>	Hairy yellow vetchling	527 on waste ground
<i>Lathyrus annuas</i>	annual vetch	549 occasional
<i>Melilotus officinalis</i>	mellilot	571 nr Aptera and on Souda bay shore
<i>Lathyrus odorata</i>	Sweet pea	Afrata village
<i>Medicago orbicularis</i>	Orb trefoil	599 Kolimbari
<i>Medicago arborea</i>	tree medick	XX Agia lake planted
<i>Trifolium uniflorum</i>	One-flowered clover	651 Kali Sikia rod and spili
<i>Trifolium fragiferum</i>	Strawberry clover	652 near Agia lake
<i>Trifolium campestre</i>	Hop trefoil	656 at Aptera
<i>Trifolium tomentosum</i>	Woolly trefoil	658 at Kolimbari walk
<i>Trifolium stellatum</i>	Star clover	662 Kolimbari walk
<i>Tetragonolobus purpureus</i>	<i>Asparagus (winged) pea</i>	682 at Souda Bay rough grassland
<i>Scorpiurus muricatus</i>	<i>scorpiurus (scorpion grass)</i>	684 Souda bay and other places
<i>Anthyllus vulneraria</i>	Mediterranean kidney vetch	690 Armeni and Spili
<i>Anthyllus tetraphylla</i>		691 at Kolimbari
<i>Hymenocarpus circinnatus</i>	Disk trefoil	692 occassional
<i>Coronilla varia</i>		697 at Agia lake last day
<i>Onobrychis caput-gali</i>	Cockscomb sainfoin	718 Souda bay
<i>Ebenus creticus</i> #	Cretan ebony	722 on hillsides around Heraklion
<i>Oxalis pes-caprae</i>	Bermuda buttercup	735 very common
<i>Geranium molle</i>	Dovesfoot cranesbill	741 Agia lake dam
<i>Geranium robertianum</i>	Herb robert	747 Agia lake
<i>Erodium cicutarium ??</i>	Common storksbill	761 on way to Omalos
<i>Linum arboreum</i>	Tree flax	769 in Kotsiphos gorge
<i>Linum bienne</i>	Pale flax	777 common, Selinari and Souda bay

<i>Euphorbia dendroides</i>	Tree euphorbia	792 common eg on way to Afrata
<i>Euphorbia acanthothamnus</i>	Greek Spiny spurge	794 Spili
<i>Euphorbia characias</i>	Mediterranean spurge	818 Spili
<i>Mercurialis annua</i>	Annual mercury	820 on farmland
<i>Ricinus communis</i>	Castor oil plant	824 near back of Agia lake
<i>Ruta chalapensis</i>		827 near Turkish fort at Aptera
<i>Melia azederach</i>	Indian bead tree	843 in Afrata
<i>Polygala myrtifolia</i>	South African milkwort	846 at Agia lake planted
<i>Polygala venulosa</i>	Eastern milkwort	852 near Pyrgos café /kali sikia road
<i>Acer sempervirens</i>	Maple	857 at high level Omalos
<i>Pistachia terebinthus</i>	Turpentine tree	861 Kolimbari walk
<i>Pistachia lentistus</i>	Lentisc (mastic tree)	865 Agia Gouvernatou monastery
<i>Malva sylvestris</i>	Common mallow	898 very common
<i>Malva cretica</i>	Cretan mallow	893 Gouvernatou monastery
<i>Lavatera spp</i>		widespread but not flowering
<i>Alcea biennis ? (Althaea pallida ssp cretica)</i>	wild hollyhock	906 by Turkish fort at Aptera.
<i>Daphne sericea</i>	Daphne	938 at Spili & on way to Omalos.
<i>Thymelaea hirsuta</i>	Thymelaea	942 Petres river mouth roadside
<i>Hypericum empetrifolium</i>	Crowberry leaved St Johns wort	950 Kali Sikia road
<i>Hypericum perforatum</i>	Perforated St John's wort	957 Near Kalyves
<i>Cistus parviflorus</i>	Small-flowered cistus	964 near Gouvernatou and agia lake
<i>Cistus salvifolius</i>	Sage-leaved cistus	965 by roadsides on way to Omalos
<i>Fumana thymifolia</i>	Thyme-leaved fumana	1014 Armeni
<i>Crithmum maritimum</i>	Rock samphire	1101 rocky shores such as Petres river
<i>Oenanthe pimpineloides</i>	Corky-fruited water dropwort	1106 behind Agia lake
<i>Frankenia laevis</i>	Sea heath	1027 Aposelemis
<i>Ecballium elaterium</i>	Squirting cucumber	1032 Agia lake
<i>Bryonia cretica</i>	Cretan bryony	1033 Near Gouvernatou cave
<i>Lythrum junceum</i>	Loosestrife	1045 by Agia lake and Kalyves
<i>Myrtus communis</i>	Myrtle	1052 roadside
<i>Punica granatum</i>	Pomegranite	1064 in orchards
<i>Eryngium maritimum</i>	Sea holly	1073 Kolimbari shore
<i>Eryngium campestre</i>	Field eryngo	1081 Spili and elsewhere
<i>Smyrniium olusatrum</i>	Alexanders	1087 common
<i>Smyrniium perfoliatum</i>	Perfoliate alexanders	1088 Spili
<i>Smyrniium creticum</i>	Celery leaved alexanders	at Agia Irini gorge
<i>Scandix pecten-veneris</i>	Shepherds needle	1097 near Aptera
<i>Bupleurum gracile</i>	delicate hare's ear	1120 on Gouvernatou path
<i>Berula erecta</i>	false water parsnip	In river at Kalyves and in spring fed
pool at Agia.		
<i>Ferula communis</i>	Giant fennel	1141 roadsides Akrotiris and Kalyves
<i>Foeniculum vulgare</i>	common fennel	Selinari gorge
<i>Tordylium apulum</i>	Tordylium	1149 common
<i>Daucus carota</i>	Wild carrot	1168 Kalyves
<i>Arbutus unedo</i>	Strawberry tree	1176 seen on way up to Omalos
<i>Erica arborea</i>	Tree heather	1178 seen on way up to Omalos
<i>Anagallis arvensis var .caerulea</i>	Blue pimpernel	1198 Common
<i>Cyclamen creticum #</i>	Cretan cyclamen	1208 Agia irini and Afrata gorges
<i>Limonium sinuatum</i>	Winged sea lavender	1220 Aposelemis
<i>Styrax officinalis</i>	Storax	1238 seen on National Road near
Kalyves		
<i>Olea europea</i>	Olive	1248 Common
<i>Centaurium pulchellum</i>	Lesser centaury	1252 Aposelemis
<i>Centaurium erythraea</i>	Common Centaury	1251 Armeni
<i>Nerium oleander</i>	Oleander	1256 Commonly planted
<i>Sherardia arvensis</i>	Field madder	common
<i>Cuscuta epithimum</i> sp?	Dodder	1312 Akrotiri
<i>Convolvulus althaeoides</i>	Mallow-leaved bindweed	1331 Akrotiri
<i>Convolvulus arvensis</i>	Field bindweed	Behind Knossos
<i>Onosma graeca</i>	Goldendrop	1365 Armeni

<i>Echium italicum</i>	Pale bugloss	1380 common
<i>Echium angustifolium</i>	Red bugloss	1382 Aposelemis
<i>Echium plantagineum</i>	Purple viper's bugloss	1383 common
<i>Procopiana cretica/Symphytum creticum</i>	Cretan gorge comfrey	1390 Kotsiphos gorge
<i>Borago officinalis</i>	Borage	1395 common
<i>Cynoglossum creticum</i>	Blue houndstongue	1402 near Spili
<i>Anchusa undulata/hybrida</i>	Alkanet	1406 Kolimbari
<i>Anchusa azurea</i> (now <i>italica</i>)	Large blue alkanet	1409 roadsides, Spili and Kolimari
<i>Verbena officinalis</i>	common vervain	1418 by Agia lake
<i>Scutellaria sieberi</i> #	Skullcap	1427 roadsides in gorges - Afrata
<i>Prasium majus</i>	Prasium	1444 common incl Afrata
<i>Ballota acetabulosa</i>	Garden horehound	1469 common
<i>Phlomis fruticosa</i>	Jerusalem sage	1455 very common
<i>Phlomis lanata</i> #		1459 in selinari Gorge
<i>Stachys cretica</i>	Cretan woundwort	1483 common including Armeni and
Aptera		
<i>Micromeria/Satureja nervosa</i>		1505 common incl Afrata road
<i>Thymus capitatus</i>	headed thyme?	1514 at Petres river roadside?
<i>Origanum vulgare</i>	common marjoram	1515 by Kali Sikia road
<i>Origanum onites</i>	White marjoram	1518 in Selinai gorge
<i>Origanum dictamnus</i>	Dittany	1520 planted in Souda bay cemetery
<i>Lavandula stoechas</i>	French lavender	1528 by Agia lake
<i>Hyoscyamus albus</i>	White henbane	1555 in Chania and Kalyves
<i>Salvia triloba</i> (<i>fruticosa</i>)	Three-leaved sage	1537 common in thorny scrub
<i>Nicotiana glauca</i>	shrubby tobacco	1582 common around Iraklion
<i>Scrophularia lucida</i>	Shining figwort	1587 Afrata roadside
<i>Verbascum macrurum</i>	Mullein	big mullein on Omalos plateau and at
Aptera		
<i>Verbascum sinuatum</i>		1601 common
<i>Verbascum arcturus</i> #	Cretan mullein	1606 Afrata and Kotsiphos gorges
<i>Linaria pelisseriana</i>	Jersey toadflax	1621 Armeni
<i>Cymbalaria</i>	Ivy leaved toadflax	1632 seen in Chania
<i>Veronica cymbalaria</i>	Toadflax speedwell	1646 several times incl Afrata
roadside		
<i>Parentucellia viscosa</i>	Yellow bartsia	1651 Souda bay cemetery
<i>Parentucellia latifolia</i>		1652 found at Spili
<i>Bellardia trixago</i>	Bastard balm	1653 seen in Spili fields
<i>Orobanche ramosa</i>	Branched Broomrape	1655 common
<i>Orobanche minor ssp pubescens</i>	Hairy broomrape	169 common incl Afrata , parasitic on
umbellifers		
<i>Acanthus mollis</i>		1690 ?
<i>Acanthus spinosus</i>	Spiny Acanthus, Bear's britches	1692 in Venezelou's Graves park
<i>Plantago weldenii</i>	Mediterranean buck's horn plantain	1696 seen at Gouvernatou
<i>Plantago lanceolata</i>	Ribwort plantain	1701 seen at Agia lake
<i>Plantago cretica</i>	Cretan plantain	1704 common
<i>Sambucus ebulus</i>	dwarf elder, danewort	1710 found behind Knossos palace
<i>Valeriana asarifolia</i> @	Cretan valerian	1721 seen in Kali sikia gorge
<i>Knautia integrifolia</i>	Field scabious	1736 common
<i>Campanula tubulosa</i> #	Bell-flower	1771 seen in Kotsiphos gorge
<i>Legousia pentagonica</i>	5 sided Venus's looking glass	1780 found on Omalos plateau
<i>Petromarula pinnata</i> #	Cretan wall-lettuce	1786 common by National Road and
on old buildings		
<i>Helichrysum microphyllum/italicum</i>	Everlasting	1828 seen near Gouvernatou
<i>Phagnalon graecum</i>	Shaving-brush bush	1831 common, incl Aptera
<i>Pallenis spinosa</i>	Yellow spine thistle	1847 common, 1 st seen at Petres river
parking place		
<i>Chamaemelum nobile</i>	Chamomile	1884 by Kournas on 1 st day
<i>Anthemis rigida</i>	Rayless chamomile	1870 Kolimari shore
<i>Achillea cretica</i>	Cretan yarrow	1881 Afrata gorge
<i>Otanthus maritimus</i>	Cottonweed	1892 seen at Kolimbari and

<i>Chrysanthemum segetum</i>	Corn marigold	Aposelemis 1894 seen at Spili fields
<i>Chrysanthemum coronarium</i>	Crown daisy	1895 common esp in Chania and at
Aptera		
<i>Calendula arvensis</i>	Field marigold	1908 seen at Gouvernaotou path and
Aptera		
<i>Carlina corymbosa</i>	branched carline thistle	1920 common but noticed at Omalos
pool		
<i>Atractylis cancellata</i>		1933 at Akrotiri
<i>Echinops sphareocephalus</i>	Globe thistle	1935 occasional, incl Selinari
<i>Picnomon acarna</i>	Picnomon	1965 common
<i>Notobasis syriaca</i>	Syrian thistle	1966 Afrata and other places, mostly
in bud		
<i>Ptilostemon chamaepeuce</i>	groundpine-like compositae	1967 seen at Afrata gorge and by Kali
Sikia road gorge		
<i>Galactites tomentosa</i>	Galactites	1971 very common
<i>Silybum marianum</i>	Milk thistle	1982 common esp noticed at Selinari
where buds covered in beetles.		
<i>Centaurea raphanina</i> @	Dwarf knapweed	1999 in Kourtalioitiko gorge.. a bit
down trodden.		
<i>Centaurea spinosa</i>	Spiny knapweed	1989 seen at Kolimbari and
		Aposelemis
<i>Chichorium spinosa</i>	chichory	2025 Selinari ?
<i>Scorzonera laciniata</i>	Cut-leaved viper's grass	2050 in Kotsphos gorge
<i>Tragopogon porrifolius</i>	Salsify	2055 common
<i>Reichardia tingitana?</i>		Common but usually in bud.
<i>Potamogeton pectinatus</i>	Fennel leaved pondweed	in river mouth by Kalyves beach hotel.
Monocotyledons		
<i>Asphodelus aestivus</i>	Common asphodel	2089 common
<i>Asphodeline lutea</i>	Yellow asphodel	2092 in Kotsiphos gorge
<i>Gagea graeca</i>	Greek lloydia	2102 on rocky outcrops incl Armeni
<i>Tulipa doerfleri</i> #	A red/orange Tulip	2143 in Spili fields
<i>Tulipa cretica/saxatilis</i>	Cretan tulip	2147 in Omalos fields
<i>Fritillaria messanensis</i>	Fritillary	2151 above Spili
<i>Urginea maritima</i>	Sea squill	2163 common on hillsides
<i>Ornithogalum narbonense</i>	Spiked Star of Bethlehem	2166 seen at Armeni and Agia
<i>Ornithogalum collinum</i>	short star of Bethlehem	2168 Afrata?
<i>Ornithogalum umbellatum</i>	Star of Bethlehem	2171 Seen on Afrata walk
<i>Muscari comosum</i>	Tassel hyacinth	2201 common – esp Armeni
<i>Muscari Sp</i>	grape hyacinth	above Spili.....
<i>Ruscus aculeatus</i>	butcher's broom	2219 seen on Kali Sikia Road
<i>Smilax aspera</i>	Rough bindweed	2222 1 st seen at Agia dam but
common		
<i>Allium roseum</i>	Rosy garlic	2224 seen at Armeni and Souda bay
<i>Allium ampeloprasum</i>	Wild leek	2237 seen in Afrata and Kalyves
<i>Agave americana</i>	Century plant	2253 commonly planted
<i>Pancreatium maritimum</i>	Sea daffodil	2270 leaves only on sandy beaches
<i>Narcissus tazetta</i>	polyanthus narcissus	2276 flowered were over at Spili
fields		
<i>Hemodactylus tuberosus</i>	Widow iris	2283 only seeds and faded flowers
seen Armeni and Omalos		
<i>Tamus communis</i>	Black bryony	2282 in reed at Aga lake
<i>Iris pseudacorus</i>	Yellow iris	2290 by Agia lake
<i>Iris unguicularis ssp cretica</i> @	Cretan iris	2285 at Kali Sikia road and on Spili
hill - seeds distributed by ants.		
<i>Gladiolus italicus</i>	Field gladiolus	2307 common in cultivated places
<i>Gynandriris sisyrrinchium</i>		2305 at Spili fields
<i>Gynadriris monophylla</i>	single leaved Barbary nut	2306 at Akrotiri near Gouvernatou
monastery.		

<i>Arum creticum</i>		2368 In Kotsiphos gorge
<i>Dracunculus vulgaris</i>	Dragon arum	2358 several places, especially Akrotiri
<i>Arum italicum</i>	Italian arum	2361 especially round Kalyves
<i>Aceras anthropomorphus</i>	Man orchid	2399 ...Kali Sikia road gorge, and above Spili
<i>Orchis boryi</i>	Bory's orchid	2402 the Spili fields mound
<i>Orchis tridentata</i>	Toothed orchid	2407 Omalos plateau
<i>Orchis italica</i>	Naked man orchid	2409 Armeni graves, Spili fields mound
<i>Orchis pauciflora</i>	Few-flowered orchid	2417a Kali Sikia road gorge and Spili fields mound
<i>Orchis anatolica</i> ?	Anatolian orchid	On Spili hill. (P)
<i>Orchis quadripunctata</i>	Four-spotted orchid	2419 Kali Sikia road gorge (P)
<i>Orchis laxiflora</i>	Lax-flowered orchid	2420 Agia lake pasture, Kali Sikia road
<i>Orchis sitiaca</i>	Sitia orchid	Spili? (P)
<i>Ophrys sphegodes ssp cretensis</i>	Small Cretan Spider Orchid	initially thought <i>O. mammosa</i> (P)
<i>Ophrys lutea</i> (<i>O. sicula</i>)	Yellow bee orchid	2423 Omalos, Armeni, Spili Fields mound
<i>Ophrys fusca</i>	Brown bee orchid	2424 Spili Fields mound
<i>Ophrys omegaifera</i>	Omega orchid	2424a Spili Fields mound
<i>Ophrys iricolor</i>	Rainbow orchid	2425 Spili Fields mound (P)
<i>Ophrys scolopax</i> (<i>O. heldreichii</i>)	Marengo (woodcock) orchid	2436c above Spili
<i>Ophrys episcopalis</i> hybrid ?	Large flowered bee	At Armeni (P)
<i>Ophrys cretica ssp cretica</i>	Cretan bee orchid	2437 above Spili
<i>Ophrys episcopalis X heldreichii</i>	hybrid large flowered bee orchid	Identified from Kretschmar
with Heldreich's orchid?	Seen at Armeni	
<i>Ophrys fuciflora</i>	Late spider orchid	2440 Armeni
<i>Anacamptis pyramidalis</i>	Pyramidal orchid	2447 Kali Sikia road
<i>Serapias lingua</i>	Tongue orchid	2451 Armeni and many other places
<i>Serapias parviflora</i>	Small-flowered tongue orchid	2452 Souda bay cemetery and many other places
<i>Briza maxima</i>	Giant quaking grass	2460 common
<i>Briza minima</i>	small quaking grass	seen at Souda bay cemetery
<i>Lagurus ovatus</i>	Haresfoot grass	2473 common
<i>Arundo donax</i>	Giant reed	2494 common wetland plant
<i>Cyperus esculentus</i>	Tigernut	2501 by Agia lake
<i>Juncus maritimus</i>	sea rush	at Moronis river mouth
<i>Juncus acutus</i>		2504 at Moronis river mouth
<i>Phragmites australis</i>	Reed	Agia lake
<i>Catapodium rigidum</i>	fern grass	Aptera
<i>Aegilops sp</i>		Aptera and other paces
<i>Sesleria doerfleri</i> #	Limestone blue grass	Kotsiphos gorge
<i>Typha domingensis</i>	narrow reedmace (bulrush)	common in wetlands
<i>Cladium mariscus</i>	Saw sedge or great fen sedge	Agia lake
Pteridophyta -Ferns and horsetails		
<i>Selaginella denticulata</i>	Selaginella or Lesser clubmoss	2510 Armeni
<i>Isoetes histrix?</i>	Mediterranean Quillwort	2511 pool at Omalos
<i>Equisetum telemeteia</i>	Giant horsetail	2516 at Agia
<i>Equisetum ramosissimum</i>	slender horsetail	at Agia lake
<i>Equisetum fluviatile</i>	Water horsetail	in Kalyves village
<i>Cheilanthes acrostea</i>		2517 by path at Gouvernatou
<i>Adiantum capillis veneris</i>	maidenhair fern	2522 in Armeni tomb mouth
<i>Ceterach officinarum</i>	Rusty back fern	2532 in Afrata gorge
<i>Cystopteris fragilis</i>	Brittle bladder fern	in Agia Irini gorge?
<i>Pteridium aquilinum</i>	Bracken	near Agia lake

For Orchids -
P identified from photographs taken.

Liz Charter, May 2010

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