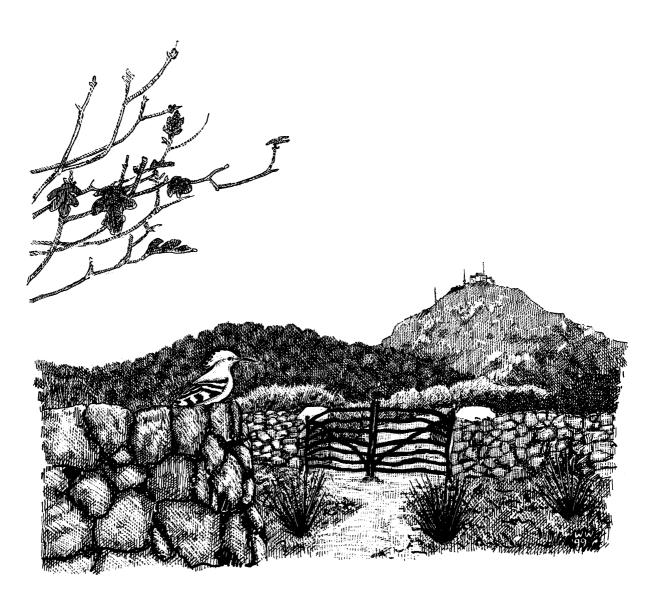


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# Discovering Menorca Salisbury and District Natural History Society 21-28 April 2001

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Participants Rosemary and Gerald Nicholls

Jim and Brenda Wade

Donald and Rita Scarfe

Edward and Kate Sansby

June Hodkinson Audrey Lovett

Margaret Pragnell Ailsa McKee

Grace Hickman Pamela James

Marigold Woolley Joan Tripp

Joan Cook Betty Robinson

<u>Leaders</u> Chris Durdin Rob Macklin Kathy Archibald

Our hosts at Matchani Gran Shaun and Jenny Murphy

The group was joined on Thursday  $26^{th}$  April by John Seymour, historian and Menorcan resident, and by Santí Catchot from the Balearic Ornithological Group (GOB) on the same evening. Santí was there because, as with all Honeyguide holidays, £25 of the price of the holiday was put towards a conservation project, in this case for GOB's work in Menorca. The cheque for £450 given to GOB from this holiday brings the total to £4370 contributed to GOB by Honeyguide holidays in the Balearics. The total contributed to conservation projects in Europe from all Honeyguide holidays is now £22,805 (at the end of this holiday season). A thank-you letter from GOB appears at the end of this report.

The daily log in this report was written by Rob Macklin and plant notes by Kathy Archibald.

Front cover illustration by Will Woodrow. Other illustrations by Rob Hume.

# DISCOVERING MENORCA APRIL 21<sup>ST</sup> to 28<sup>th</sup> 2001

#### Saturday 21<sup>st</sup> April – Matchani Gran

The cold and cloudy conditions we hoped to leave behind in Luton were also the order of the day as we arrived in Menorca. Shaun and Vivian met us at the airport where we collected the buses and we were soon on our way to Matchani Gran. Two Ravens and a Hoopoe greeted us as we drove into the entrance. Heavy downpours before lunch were replaced by brighter conditions in the afternoon and we spent a rewarding couple of hours exploring the local fields. We soon had our first views of Booted Eagles in the skies overhead and an adult Egyptian Vulture drifted slowly by. As another heavy shower broke out we had a brief view of our only Alpine Swift of the week and a group of 10 Ravens flew over. The bushes around the farm were alive with small birds particularly Sardinian Warblers and Goldfinches while a couple of Blackcaps sang, a Whitethroat was seen and two Thekla Larks delivered their song from overhead. As we moved through the fields a Tawny Pipit perched up briefly on the wall, a Hoopoe flew up and a Spotted Flycatcher was located in a fig tree; we then got excellent views of two Thekla Larks on the ground.

One particular field right behind the farm had escaped the attentions of the sheep and two donkeys and was consequently rich in wild flowers. Bellardia was particularly impressive here and Rosemary found several specimens of Branched broomrape. The orchids had just about gone over but there were still lots of goodies such as star clover, tassel hyacinth and white mignonette. After a good look around these fields we explored along the Aleppo Pine avenue at the front of the farm. A Booted Eagle was eating prey on the wing, a Woodchat Shrike was perched up on telephone wires and several of the group had a great view of a Hoopoe on the ground! Our walk was accompanied by the ever present song of nightingales and both Pallid and Common Swifts were on the wing. An open area of scrub and grass at the end of the drive turned up some excellent plants including masses of rosy garlic and Arabian star-of-Bethlehem. Our first butterfly of the trip, a painted lady, was found at Matchani Gran as we finished our walk. A fabulous evening meal set the scene for the week, during which we all put on rather a lot of weight! Further heavy rain overnight made us fear for the next day...

# Sunday 22<sup>nd</sup> April – Son Bou, Torre d'en Gaumés, Monte Toro

Our fears were allayed as the morning dawned sunny, fine and warm. A Nightingale was singing and a Tree Pipit flew over as we boarded the buses for Son Bou, which boasts the only sizeable reedbed in Menorca.

Tree Pipits and hordes of Swifts were over the car park as we arrived and our first Cetti's Warbler sang from the surrounding scrub. As we made our way through the dunes and scrub we found lots of ribbed melilot, purple viper's bugloss and an apple of Sodom bush. Little Grebes and Water Rails could be heard calling from the depths of the reedbed and we had our first view of a Little Egret. We then came upon an area of open water and wet mud that hosted four species of waders including two stunning Black-winged Stilts, two Little Stints and a Little Ringed Plover. We crossed the channel and found several more waders on the beach getting good views of three Sanderlings but only distant views of a Greenshank. Several Cory's Shearwaters could just be identified way out to sea but a Shag was more obliging inshore. Climbing to the top of the dunes we were able to get a good view of an area of open water within the reedbed. This proved very attractive to a host of birds and we had excellent views of five male Garganeys, five Little Egrets, a Squacco Heron, Grey Heron and a male Shoveler - an amazing array of birds! Several of the group then found fragrant bug orchids and then bumped into a Naturetrek party looking for plants. Ailsa then found a Cretan mallow in flower and June turned up a patch of little robin. Joan then spotted another bird highlight in the shape of a Purple Heron flying languidly over the reedbed. We had our lunch under the pines by the car park being serenaded by Cetti's Warblers and a Hoopoe flew past us and into the village. We all agreed we had experienced a tremendous morning.

After lunch we headed off to an impressive prehistoric site at Torre d'en Gaumés dating back to c.1300 BC. Raptors here included a soaring Egyptian Vulture and two dark-phase Booted Eagles. New butterflies here were clouded yellow and red admiral and Gerald and Pam found a moorish gecko on the wall. A paper wasp's nest in gum mastic was rather impressive, as was a large green lizard that

posed obligingly for most of the group, and a Whimbrel flew over calling. New plants here included pale periwinkle and the mauve-tinged annual daisy. We finished off the day by taking tea at Monte Toro, giving us magnificent views over Menorca, and took the opportunity to have a look around the church and gift shop.

#### Monday 23<sup>rd</sup> April – Tirant, Fornells and Cap De Cavallería

The pre-breakfast mist soon cleared and several of the group took the opportunity to have a look around the grounds before breakfast. An amazing flock of 24 Ravens flew over the farm towards the airport and at least two Nightingales were in full song. Gerald got a really good view of a Hoopoe, a solitary Whitethroat was found in the scrub and singing birds included Thekla Lark, Blackcap and Corn Bunting.

Our first stop of the day was at the Tirant wetland which looked in impressive condition with areas of open water and wet mud (what a comparison to 2000 when this area was bone dry). As we approached the area we were astounded to see four White Storks feeding unconcernedly in a roadside field. Tirant itself was absolutely amazing and stuffed full of wildlife. Wading birds were here in excellent numbers including five Black-winged Stilts, a minimum of 21 Wood Sandpipers, two Ruff, a Greenshank, a Redshank and five Little-Ringed Plovers. Raptors included the usual Booted Eagles and Kestrels plus two hunting female Marsh Harriers and an excellent close-up view of a Red Kite. Gerald the found our first Wheatear on a wall, a stunning male Whinchat gave the group good views, three Turtle Doves flew into the shelter of an area of scrub and two Tree Pipits allowed us to get them right into the telescopes and fabulous views. We then drove on along the track finding two Cattle Egrets feeding among the legs of the cattle and a Woodchat Shrike in the scrub.

Our next stop was to look through a stunning field of yellow fonolassa where we located a good specimen of mirror bee-orchid. Nightingales were again in full song here and a Tawny Pipit performed its parachuting display flight. Another clouded yellow was seen and Pam spotted the first cleopatra. We drove right to the top of the road to a known Bee-eater colony but alas they were nowhere to be seen. Two Little Egrets were feeding on the river below us and the rocks were covered in very striking Hottentot Figs. As we drove back down the track we got brief views of an Iberian Yellow Wagtail among the cattle before retiring to Fornells for coffee.

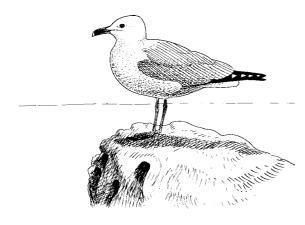
After coffee we headed off to Cap de Cavallería finding approximately 30 Little Egrets feeding among masses of Water Crowfoot. The wind was still fairly strong so we located a sheltered lunch spot in the bay near the Cap. This proved an inspired choice as our lunch was interrupted by a superb view of an Osprey fishing in the bay. Ted found several jellyfish right by the shore and Gerald located a stunning Blue Rock Thrush on an old ruined building. Another new butterfly here was small heath. After a somewhat hairy drive up from the shore we moved on to the lighthouse at Cap De Cavallería.

More Cory's Shearwaters were seen offshore and several of the group got reasonable views although this species can be hard to pin down. The highlight here was a Peregrine that attempted to snatch a wader out of the air but without success – a lucky escape for the fortunate bird! Two Shags on the sea proved easier to locate than the shearwaters and Kathy picked up calling Bee-eaters. This was to become the theme of the week as we unable to see any but occasionally heard them calling in the distance! A Subalpine warbler made a brief appearance but an Italian wall lizard was more obliging allowing many of the group to get photographs.

Our last stop of the day was at the Depuradora where we found two Wood Sandpipers, two Common Sandpipers and two Little Ringed Plovers. A dark-phase Booted Eagle drifted past and a striking stripeless tree frog was found in a bush very close to a hungry looking chicken! Later in the evening 600 Swifts circled the fields by Matchani Gran and both Scops Owls and Stone curlews could be heard calling after dark.

## Tuesday 24<sup>th</sup> April – Mahón & Punta Prima

A misty start soon gave way to sunny conditions and before breakfast a Tawny Pipit was singing from the local fields. After breakfast we headed off to Mahón to explore the town and have a look at the market. On the way out a Nightingale was seen well on the telephone wires and several of the group got a good view of a Hoopoe. The rest of the morning was spent in the town where several Pallid



Swifts hunted for insects over the centre and a male Blue Rock Thrush sang from buildings overlooking the harbour. Towards lunchtime we drove down to the harbour and managed to find two adult Audouin's Gulls on the water as well as a Black-headed Gull. The Audouin's Gulls were persuaded to come right up to the harbour edge by offering them free hand-outs of bread, though as this took a little time the harbour-side gin shop closed in the meantime. A Booted Eagle then flew overhead and it was time to head back to Matchani Gran for lunch on the terrace.

After lunch most of the group boarded the buses for the short trip to Punta Prima; a Marsh Harrier was seen quartering the fields on the way. Another Audouin's Gull was located immediately on arrival at the shore, at least 20 Cory's Shearwaters were gliding by offshore and a bold little egret gave us stunningly close views. Two Shags were perched up on offshore rocks, a solitary Oystercatcher flew along the shoreline, then Jim found a well camouflaged Kentish Plover on the rocks. A southern speckled wood was another new butterfly for the trip and on the way back to base Rosemary found another Woodchat Shrike. Back at base it was time for more swimming in the pool!

#### Wednesday 25th April – Algendar Gorge, Naveta Des Tudons & Ciutadella

The pre-breakfast walk turned up the first Cuckoo of the trip and Chris heard a calling Quail in the local fields. Two Hoopoes were calling and three Pied Flycatchers were found in the scrub. After breakfast we drove off to Cala Galdana to explore the gorge behind the town. On the way we stopped at a foxglove tree near Alaior for pictures where a pale-phase Booted Eagle drifted over and two Woodpigeons flew past. On the way at least five Hoopoes were seen from the buses as well as three Kestrels.

The Algendar Gorge gate was locked but this did not deter the Salisbury Group who deftly clambered over the wall and in! We bumped into a group of ramblers and let them march on up the gorge leaving us to the wildlife. The gorge is well known as the best breeding site for Egyptian Vultures on Menorca and we did not have long to wait as up to four birds drifted over throughout the morning, two probable breeding adults and two immature birds. Lots of Rock Doves seemed to be breeding on the cliffs at the entrance to the gorge and I think that these are as 'pure' as you can find on the island. Several Fantailed Warblers were singing here as well as the inevitable Cetti's Warbler. As we started our walk we found both grey & narrow-leaved cistus in flower and pitch trefoil smothered the banks all through the gorge. The shelter provided by the gorge brought several butterflies out including holly blue, several beautifully bright cleopatras and a pale clouded yellow. The scrub on the valley floor turned up at least six Whinchats, a Woodchat Shrike and a whole host of Goldfinches. A Purple Heron flew in and perched up in a tree, a Grey Heron flew past then Gerald almost trod on another Purple Heron on a dyke edge – I'm not sure who was more surprised!

The slopes of the gorge were covered in scrub and pines and we heard two singing Firecrests and just managed to see one briefly. We then heard a Great Tit, which was another new bird! As we moved along the gorge Ted found the nest of a funnel-web spider and we then noticed two clumps of bright flowers; a Cretan mullein, heroically identified by Chris and white arum, a species of lily. Margaret then found a devil's coach horse which we managed to contain in a specimen box before we let it go, several tongue orchids were located and Gerald saw an emperor dragonfly along the river. Before we turned back we were lucky enough to get great views of an adult Egyptian Vulture on the cliffs as well as a stunning male Kestrel. What really stuck in my mind about this site was the constant backdrop of singing Nightingales – absolutely stunning!! At lunch we shared a cake to celebrate Gerald and Rosemary's 20<sup>th</sup> wedding anniversary.

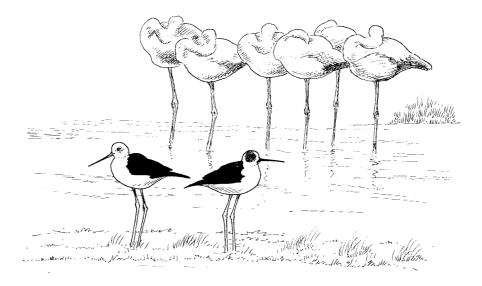
After lunch we looked at another prehistoric site at Naveta Des Tudons and, blow me, there were the ramblers again! This impressive site was also good for wildlife and the botanists were immediately enchanted by the three-leaved toadflax and wild gladiolus. We heard Quail singing on two occasions but were unable to see them which is quite usual. Three Egyptian Vultures and a Booted Eagle soared

overhead and another Woodchat Shrike was seen briefly. Another really good plant here was spiked star-of-Bethlehem.

Our final visit was to the old capital of Ciutadella where we found Indian Bead trees in the square, Swifts flying overhead and a very welcome cup of coffee. There was a little mishap with the navigation as we left the town but our bus managed to find the right road first time and on the way back we had a Black Kite overhead. The evening was spent at a super restaurant in Es Castell but was somewhat marred by the grey bus getting a massive puncture as we arrived back at base.

# Thursday 26<sup>th</sup> April – Mongofre Nou, Cap de Favaritx & Albufera D'es Grau

After last night's wheel damage we had a little delay while another bus was delivered but we were then soon on our way. Our first point of call - stopping on route for a Red Kite and a rabbit - was the private reserve at Mongofre Nou, managed in association with the Balearic Ornithological Group (GOB). The reserve looked absolutely superb and was heaving with wildlife. Waders on the pools took our full attention and we soon identified two Ruffs, two Ringed Plovers, four Wood Sandpipers, four Greenshank and four Kentish Plovers. A minimum of five Little Egrets were in the shallows and Blackwinged Stilts numbered at least 40 - an amazing sight! Two male Garganeys and another male Shoveler were found on the pools and as we moved on four stunning Greater Flamingos came into view. A Turtle Dove then sang from thick cover and more waders included five Common Sandpipers, a Green Sandpiper and a Spotted Redshank in full summer plumage. After all this excitement Audrey almost trod on a Little Bittern which skulked in deep cover right in front of us before flying off across the water. This was a life-tick for Rob and Kathy, although not, of course, for many in the more welltravelled Salisbury group! More excitement then followed in the shape of a male Pied Flycatcher and an Osprey that flew over the lagoons before perching up in a tree on the surrounding slopes. All of the group were then able to get excellent views of this spectacular bird of prey in the telescope. We finished off the morning by identifying an emperor dragonfly and then the much scarcer lesser emperor before finding six Little Stints on the pools and two Shags perched up on distant rocks.



We had lunch in the sunshine at the entrance to the reserve and everyone agreed that Mongofre Nou was a very special place. Two Ravens and a Booted Eagle were over the surrounding cliffs and several butterflies included holly blues and cleopatras. Rosemary, Gerald and Joan then had a most fortunate sighting of a pine marten trotting across the road and disappearing into the undergrowth.

Our next stop was a brief look at Cap de Favaritx, a strange barren place which was a little disappointing, especially after such a interesting morning. Several Cory's Shearwaters were offshore, again rather a long way out, and a Shag was perched up on the rocks.

Our last destination of the day was at Albufera D'es Grau: the only designated reserve on Menorca. It does have a reputation for occasionally being disappointing but we were fortunate in immediately

having good views of a fishing Whiskered Tern over the lakes with its plumage flashing in the sun. A Night Heron then quickly disappeared into thick cover and three Purple Herons took to flight over the lakes. We also had very good views of three Black-winged Stilts and five Little Egrets before retiring to a local bar for teas and cold drinks. Back at the Matchani Gran bar and pool we were treated to yet another cake, this time to celebrate Chris's birthday - we all agreed he didn't look 60!!

Before dinner we enjoyed a magnificent potted history of Menorca from the incredible John Seymour, which left us all quite exhausted! Over dinner we were given an excellent insight into conservation problems and successes by Santí Catchot from the Balearic Ornithological Group (GOB). It is good to know that Honeyguide holidays have made such a useful contribution to their valuable efforts.

## Friday 27<sup>th</sup> April – Mosaics at San Climent & Son Bou

Before dawn Kate was up and about and saw a Barn Owl around the hotel and later Pam and Grace had an excellent view of a Hoopoe on the wall. Unfortunately the morning brought periods of heavy rain so we decided to head off to the mosaics at San Climent which was under cover. A surprising male Blue-Rock Thrush was on telephone wires here, a Pheasant called from the surrounding fields and we had good views of two Thekla Larks and a male Kestrel. Next bad weather stop was the supermarket in Alaior.

As the rain eased off and the sun broke through we decided to pay another visit to the reedbeds at Son Bou. As we arrived at the resort we stopped for coffee and noticed Cory's Shearwaters offshore, plus a Wheatear on the roadside and many Swallows were coming in off the sea. As we wandered along the beach from the car park Ailsa found a Little Bittern that was showing well on the edge of the reeds. At least four Little Egrets were in the reeds and a Great Reed Warbler was singing well but would not show itself. Where the river runs out of the reedbed into the sea a large amount of mud was exposed and this was again full of waders. As well as the usual Sanderlings, Common Sandpipers and Little Stints we found two striking Curlew Sandpipers, both coming into summer plumage. After this we moved onto the higher ground to get views of the open water and immediately picked up two Purple Herons. We stayed here for some time and were finally rewarded by good views of two adult & two juvenile Purple Gallinules climbing through the reeds. We finished off the morning with excellent views of a Pallid Swift and a Willow Warbler busily taking insects from the scrub.

After lunch we made our way through the resort to the far end of Son Bou. Our first bird here was a Squacco Heron right out in the open in a nearby field followed by a singing Fan-tailed Warbler and at least two Hoopoes. Several banded demoiselles were on the vegetation along the lane here and Gerald continued his excellent gecko watching by finding two more, including one that stayed put for several minutes. As we moved along the path a Night Heron flew straight towards us before veering off, two Little Egrets were in the meadow and a Cattle Egret perched up on a stone wall. Yet another Booted Eagle soared overhead, a Hoopoe and two Turtle Doves flew past and two Wood Sandpipers and a Redshank were feeding in thick vegetation. As we moved back towards the buses three Yellow Wagtails flew in and a pale-phase Booted Eagle soared into view.

Our last evening at Matchani Gran passed with much hilarity; what with Shadows impersonations, Audrey in a rasta wig! – not to mention the tea-cosy – and sadness that the week had flown so quickly. Some of us went planet-gazing, with the aid of Chris's telescope, and were treated to several close-up views of a rather rattled Scop's owl who did not take kindly to Chris invading his territory!

# Saturday 28<sup>th</sup> April – Matchani Gran & Luton

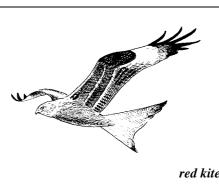
Another warm and sunny day and time to head for home. We had time for a last quick look around the fields and immediately found two Stone-curlews, had an excellent view of a Hoopoe and a Tawny Pipit sang in the air. The last bird of all was a Raven that flew over "cronking" mournfully.

Many thanks are due, once again, to the Salisbury Group for their tremendous good humour, which makes all our holidays together such good fun; to Chris for his excellent leadership and to Shaun, Jenny & Vivian for their warm hospitality and endless entertainments!

# **Bird List**

Species	Latin Name	Comments
Little Grebe	Tachybaptus rufilcollis	Heard at Son Bou
Cory's Shearwater	Calonectris diomedea	Regular offshore; c.50 at Son Bou on 27 <sup>th</sup> .
Balearic Shearwater	Puffinus mauretanicus	Offshore at Son Bou & Cap de Cavallería
European Shag	Phalacrocorax aristotelis	Most coastal, sites
Little Bittern	Ixobrychus minutus	One at Mongofre Nou & Son Bou
Night Heron	Nycticorax nycticorax	Albufera & Son Bou
Squacco Heron	Ardeola ralloides	Son Bou
Cattle Egret	Bubulcus ibis	Tirant & Son Bou
Little Egret	Egretta garzetta	Common; peak of 30 at Tirant on 23 <sup>rd</sup> .
Grey Heron	Ardea cinerea	Most wetland sites; 3 at Mongofre Nou.
Purple Heron	Ardea purpurea	Most wetland sites; 3 at Albufera.
White Stork	Ciconia ciconia	4 at Tirant.
Greater Flamingo	Phoenicopterus ruber	4 at Mongofre Nou on 26 <sup>th</sup> .
Mallard	Anas platyrhynchos	Common & widespread.
Garganey	Anas querquedula	5m at Son Bou & 2m at Mongofre Nou.
Northern Shoveler	Anas clypeata	Son Bou, Tirant & 2 at Mongofre Nou.
Black Kite	Milvus migrans	One near Ciutadella.
Red Kite	Milvus milvus	Matchani Gran, Tirant & Mongofre Nou
Egyptian Vulture	Neophron percnopterus	Peak of 4 at Algendar Gorge.
Marsh Harrier	Circus aeruginosus	Two at Tirant; one on way to Punta Prima.
Booted Eagle	Hieraaetus pennatus	Widespread & common.
Osprey	Pandion haliaetus	Cap de Cavallería & Mongofre Nou.
Kestrel	Falco tinnunculus	Widepread & common.
Peregrine	Falco peregrinus	One at Cap de Cavallería.
Red-legged Partridge	Alectoris rufa	Two on way to airport.
Pheasant	Phasianus colchicus	Heard at Mosaics at San Climent.
Quail	Coturnix coturnix	Heard at Mosaics at San Chinent. Heard at Matchani Gran & Naveta Des Tudons
Water Rail	Rallus aquaticus	Heard at Son Bou.
Moorhen	Gallinula chloropus	Most freshwater sites.
Coot	Fulica atra	Son Bou, Tirant & Mongofre Nou.
Oystercatcher	Haematopus ostralegus	One at Punta Prima.
Black-winged Stilt	Himantopus himantopus	Peak of 43 at Mongofre Nou.
Stone-curlew	Burhinus oedicnemus	Heard at Matchani Gran the 2 on 28 <sup>th</sup> .
Little Ringed Plover	Charadrius dubius	
	Charadrius aubius	7 at Tirant & six at Mongofre Nou.
Ringed Plover	entar ada tino intarrenta	2 at Mongofre Nou.
Kentish Plover	Charadrius alexandrinus	One at Punta Prima 7 4 at Mongofre Nou.
Grey Plover	Pluvialis squatarola	One at Punta Prima.
Sanderling	Calidris alba	Son Bou & Cap de Favaritx.
Little Stint	Caldris minuta	Peak of six at Mongofre Nou.
Curlew Sandpiper	Calidris ferruginea	2 at Son Bou on 27 <sup>th</sup> .
Ruff	Philomachus pugnax	2 at Tirant & Mongofre Nou.
Whimbrel	Numenius phaeopus	Heard at Torre Des Gaumés.
Redshank	Tringa totanus	One at Tirant & Son Bou.
Spotted Redshank	Tringa erythropus	One at Mongofre Nou.
Greenshank	Tringa nebularia	Peak of 4 at Mongofre Nou on 26 <sup>th</sup> .
Green Sandpiper	Tringa ochropus	One at Mongofre Nou on 26 <sup>th</sup> .
Wood Sandpiper	Tringa glareola	Peak of 17 at Tirant on 23 <sup>rd</sup> .
Common Sandpiper	Actitis hypoleucos	Peak of 6 at Mongofre Nou on 26 <sup>th</sup> .
Black-headed Gull	Larus ridibundus	One at Mahón on 24 <sup>th</sup> .
Yellow-legged Gull	Larus cachinnans	Widespread & common.
Audouin's Gull	Larus audounii	Mahón & Punta Prima.
Whiskered Tern	Chlidonias hybridus	One at Albufera on 26 <sup>th</sup> .
Rock Dove Woodpigeon	Columba livia Columba palumbus	Widespread & common.Alaior & Mongofre Nou.

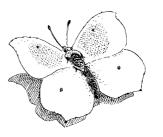
Collared Dove	Streptopelia decaocto	Four sites inc. 2 at Matchani Gran.
Turtle Dove	Streptopelia turtur	Several seen inc. 3 at Tirant on 23 <sup>rd</sup> .
Cuckoo	Cuculus canorus	Heard at Matchani Gran.
Barn Owl	Tyto alba	One at Matchani Gran on 27 <sup>th</sup> .
Scops Owl	Otus scops	Seen & heard at Matchani Gran.
Swift	Apus apus	Widespread & coomon.
Pallid Swift	Apus pallidus	Peak of 5 at Mahón & 4 at Ciutadella.
Alpine Swift	Apus melba	One at Matchani Gran on 21 <sup>st</sup> .
Bee-eater	Merops apiaster	Heard at three locations.
Ноорое	Upupa epops	Widepread & common.
Short-toed Lark	Calandrella	Singing male at Matchani Gran on 24 <sup>th</sup> .
	brachydactyla	
Thekla Lark	Gallerida theklae	Common – good views at Matchani Gran.
Sand Martin	Riparia riparia	Son Bou, Tirant & Mongofre Nou.
Swallow	Hirundo rustica	Widespread & common.
House Martin	Delichon urbica	Common.
Tawny Pipit	Anthus campestris	Singing males at Matchani Gran & Tirant.
Tree Pipit	Anthus trivialis	Two at Tirant on 23 <sup>rd</sup> .
Spanish Wagtail	Motacilla flava iberiae	3 at Son Bou on 27 <sup>th</sup> .
Nightingale	Luscinia megarhynchos	Widespread & common.
Whinchat	Saxicola rubetra	Peak of 7 at Algendar Gorge on 25 <sup>th</sup> .
Stonechat	Saxicola torquata	Widespread & common.
Northern Wheatear	Oenanthe oenanthe	One at Tirant & 2 at Son Bou.
Blue Rock Thrush	Monticola solitarius	Noted at several sites inc. Cap de Cavallería.
Blackbird	Turdus merula	Common.
Cetti's Warbler	Cettia cetti	Widespread & common.
Fan-tailed Warbler	Cisticola juncidis	Good views at Algendar Gorge.
Great Reed Warbler	Acrocephalus	Heard at Son Bou.
	arundinaceus	
Subalpine Warbler	Sylvia cantillans	Male at Cap de Cavallería.
Whitethroat	Sylvia communis	Matchani Gran & Tirant.
Blackcap	Sylvia atricapilla	Matchani Gran most mornings.
Chiffchaff	Phylloscopus collybita	Relatively common at wetland sites.
Willow Warbler	Phylloscopus trochilus	One at Son Bou on 27 <sup>th</sup> .
Firecrest	Regulus ignicapilla	Two at Algendar Gorge on 25 <sup>th</sup> .
Spotted Flycatcher	Muscicapa striata	Regular at Matchani Gran.
Pied Flycatcher	Ficedula hypoleuca	Peak of 4 at Matchani Gran on 25 <sup>th</sup> .
Great Tit	Parus major	Algendar Gorge & Mongofre Nou.
Woodchat Shrike	Lanius senator	Several sites inc. 3 on 25 <sup>th</sup> .
Raven	Corvus corax	Peak of 26 at Matchani Gran on 23 <sup>rd</sup> .
House Sparrow	Passer domesticus	Widespread & common.
Chaffinch	Fringilla coelebs	Son Bou & Algendar Gorge
Greenfinch	Carduelis chloris	Widespread & common.
Goldfinch	Carduelis carduelis	Widespread & common.
Linnet	Carduelis cannabina	Widespread and fairly common.
Corn Bunting	Miliaria calandra	Widespread & fairly common.
B		
	1	



red kite

# Butterflies

Large White	Small Heath	
Small White	Speckled Wood	
Clouded Yellow	Wall	
Pale Clouded Yellow	Small Copper	
Cleopatra	Holly Blue	
Painted Lady	Geranium Bronze	
Red Admiral		



## cleopatra

# Mammals

Algerian Hedgehog Pine Marten Rabbit

# **Reptiles & Amphibians**

Marsh Frog	Italian Wall Lizard
Stripeless Tree Frog	Hermann's Tortoise
Moorish Gecko	Red-eared Terrapin

# **Other Insects**

Hummingbird Hawk-moth	Dung Beetle
Silver Y Moth	Stink Beetle
Mediterranean Demoiselle	Devil's Coach Horse
Blue-tailed Damselfly	Seven-spot Ladybird
Emperor Dragonfly	Egyptian Locust
Lesser Emperor Dragonfly	Tawny Mining Bee
Pine Processionary Moth – caterpillars	Paper Wasp
Violet Carpenter Bee	

# Discovering Menorca Plant checklist

# Written & prepared by Kathy Archibald

In the lists which follow, the localities are identified by the following codes

MG - Matchani Gran	MN - Mongofre Nou
SB - Son Bou	CF - Cap de Favaritx
TG - Torre d'en Gaumés	F - Fornells
EM - Es Mercadel Depuradora	AG - Algendar Gorge
T - Tirant	NT - Naveta d'es Tudons
CC - Cap de Cavallería	PP - Punta Prima
MT - Monte Toro	EG - S'Albufera es Grau

For some of the more widespread species, no attempt has been made to list all the localities. Indeed, in many cases, no localities at all are given, as the species was ubiquitous in the right habitats. I have tried to be as comprehensive as possible in the species listings, although some are more complete than others. For example, the plant lists have ignored many species not in flower, together with difficult groups such as grasses. English names are given only where there is one used in the books, or one can justifiably be coined.

<b>FERNS &amp; ALLIES</b> Equisetum telmateia Adiantum capillis-veneris	great horsetail maidenhair fern	SB SB AG
<b>CONIFERS &amp; ALLIES</b> Ephedra fragilis Juniperus phoenicea Pinus halepensis	joint-pine Phoenician juniper Aleppo pine	CC EG SB EG PP
FLOWERING PLANTS Acanthaceae Acanthus mollis	Bear's breech	SB
<b>Agavaceae</b> Agave americana	century plant	[planted]
Aizoaceae Carpobrotus edulis	Hottentot fig	CF F
Amaryllidaceae Pancratium maritimum	sand daffodil	SB CC EG
Anacardiaceae Pistachia lentiscus	lentisc (or mastic tree)	
Apiaceae (umbellifers) Apium nodiflorum Crithmun maritimum Daucus carota Eryngium campestre E. maritimum Ferula communis Foeniculum vulgare	fool's watercress rock samphire wild carrot field eryngo sea-holly giant fennel fennel	SB MG SB

Kundmannia sicula		
Scandix pecten-veneris	shepherd's-needle	MG
Torilis nodosa	knotted hedge-parsley	
Apocynaceae		TC
Vinca difformis	pale periwinkle	TG
Araceae		
Aristolochia sempervirens	birthwort	
Arum italicum	Italian lords-and-ladies	AG
Dracunculus muscivorus	dragon arum	CC
Avaliance		
<b>Araliaceae</b> Hedera helix	ivy	AG
	1.1	110
Asteraceae (composites)		
Bellis annua	annual daisy	MG
Calendula arvensis	field marigold	
Chrysanthemum coronarium	crown daisy	
Evax pygmaea		MG CC
Galactites tomentosa	field thistle	
Helichrysum stoechas	curry plant	
Hyoseris radiata	(looks like a sowthistle)	
Pallenis spinosa		MG PP
Reichardia tingitana	1 1 4	SB
Santolina chamaecyparissus	lavender-cotton	CC CC CF PP
Senecio rodriguezii Siladare marianam	milk-thistle	CC CF PP
Silybum marianum Taraxacum officinale	dandelion	
Urospermum dalechampii	uandenon	
orospermum aareenampn		
Boraginaceae		
Borago officinalis	borage	
Borago officinalis Cynoglossum creticum	blue hound's-tongue	MG SB
Borago officinalis Cynoglossum creticum Echium italicum	blue hound's-tongue pale bugloss	
Borago officinalis Cynoglossum creticum	blue hound's-tongue	MG SB MG SB
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum	blue hound's-tongue pale bugloss	
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum Brassicaceae (crucifers)	blue hound's-tongue pale bugloss purple viper's-bugloss	
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum	blue hound's-tongue pale bugloss	
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum Brassicaceae (crucifers) Brassica napus	blue hound's-tongue pale bugloss purple viper's-bugloss rape	MG SB
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum Brassicaceae (crucifers) Brassica napus Cakile maritima	blue hound's-tongue pale bugloss purple viper's-bugloss rape sea-rocket	MG SB
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum Brassicaceae (crucifers) Brassica napus Cakile maritima Cardaria draba	blue hound's-tongue pale bugloss purple viper's-bugloss rape sea-rocket hoary cress	MG SB SB
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum Brassicaceae (crucifers) Brassica napus Cakile maritima Cardaria draba Lobularia maritima Rorippa nasturtium-aquaticum	blue hound's-tongue pale bugloss purple viper's-bugloss rape sea-rocket hoary cress sweet alison	MG SB SB SB
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum Brassicaceae (crucifers) Brassica napus Cakile maritima Cardaria draba Lobularia maritima Rorippa nasturtium-aquaticum Cactaceae	blue hound's-tongue pale bugloss purple viper's-bugloss rape sea-rocket hoary cress sweet alison watercress	MG SB SB SB SB
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum Brassicaceae (crucifers) Brassica napus Cakile maritima Cardaria draba Lobularia maritima Rorippa nasturtium-aquaticum	blue hound's-tongue pale bugloss purple viper's-bugloss rape sea-rocket hoary cress sweet alison	MG SB SB SB
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum Brassicaceae (crucifers) Brassica napus Cakile maritima Cardaria draba Lobularia maritima Rorippa nasturtium-aquaticum Cactaceae	blue hound's-tongue pale bugloss purple viper's-bugloss rape sea-rocket hoary cress sweet alison watercress	MG SB SB SB SB
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum Brassicaceae (crucifers) Brassica napus Cakile maritima Cardaria draba Lobularia maritima Rorippa nasturtium-aquaticum Cactaceae Opuntia ficus-indica	blue hound's-tongue pale bugloss purple viper's-bugloss rape sea-rocket hoary cress sweet alison watercress	MG SB SB SB SB
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum Brassicaceae (crucifers) Brassica napus Cakile maritima Cardaria draba Lobularia maritima Rorippa nasturtium-aquaticum Cactaceae Opuntia ficus-indica	blue hound's-tongue pale bugloss purple viper's-bugloss rape sea-rocket hoary cress sweet alison watercress prickly-pear	MG SB SB SB MG T
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum Brassicaceae (crucifers) Brassica napus Cakile maritima Cardaria draba Lobularia maritima Rorippa nasturtium-aquaticum Cactaceae Opuntia ficus-indica Caprifoliaceae Lonicera implexa L. etrusca	blue hound's-tongue pale bugloss purple viper's-bugloss rape sea-rocket hoary cress sweet alison watercress prickly-pear	MG SB SB SB MG T
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum Brassicaceae (crucifers) Brassica napus Cakile maritima Cardaria draba Lobularia maritima Rorippa nasturtium-aquaticum Cactaceae Opuntia ficus-indica Caprifoliaceae Lonicera implexa L. etrusca Caryophyllaceae (pinks)	blue hound's-tongue pale bugloss purple viper's-bugloss rape sea-rocket hoary cress sweet alison watercress prickly-pear honeysuckle	MG SB SB SB MG T AG PP
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum Brassicaceae (crucifers) Brassica napus Cakile maritima Cardaria draba Lobularia maritima Rorippa nasturtium-aquaticum Cactaceae Opuntia ficus-indica Caprifoliaceae Lonicera implexa L. etrusca Caryophyllaceae (pinks) Silene gallica	blue hound's-tongue pale bugloss purple viper's-bugloss rape sea-rocket hoary cress sweet alison watercress prickly-pear honeysuckle small-flowered catchfly	MG SB SB SB MG T
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum Brassicaceae (crucifers) Brassica napus Cakile maritima Cardaria draba Lobularia maritima Rorippa nasturtium-aquaticum Cactaceae Opuntia ficus-indica Caprifoliaceae Lonicera implexa L. etrusca Caryophyllaceae (pinks) Silene gallica S. vulgaris	<ul> <li>blue hound's-tongue pale bugloss purple viper's-bugloss</li> <li>rape sea-rocket hoary cress sweet alison watercress</li> <li>prickly-pear</li> <li>honeysuckle</li> <li>small-flowered catchfly bladder campion</li> </ul>	MG SB SB SB MG T AG PP CC EG PP
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum Brassicaceae (crucifers) Brassica napus Cakile maritima Cardaria draba Lobularia maritima Rorippa nasturtium-aquaticum Cactaceae Opuntia ficus-indica Caprifoliaceae Lonicera implexa L. etrusca Caryophyllaceae (pinks) Silene gallica S. vulgaris S. cretica	<ul> <li>blue hound's-tongue pale bugloss purple viper's-bugloss</li> <li>rape sea-rocket hoary cress sweet alison watercress</li> <li>prickly-pear</li> <li>honeysuckle</li> <li>small-flowered catchfly bladder campion Cretan catchfly</li> </ul>	MG SB SB SB MG T AG PP
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum Brassicaceae (crucifers) Brassica napus Cakile maritima Cardaria draba Lobularia maritima Rorippa nasturtium-aquaticum Cactaceae Opuntia ficus-indica Caprifoliaceae Lonicera implexa L. etrusca Caryophyllaceae (pinks) Silene gallica S. vulgaris	<ul> <li>blue hound's-tongue pale bugloss purple viper's-bugloss</li> <li>rape sea-rocket hoary cress sweet alison watercress</li> <li>prickly-pear</li> <li>honeysuckle</li> <li>small-flowered catchfly bladder campion</li> </ul>	MG SB SB SB MG T AG PP CC EG PP
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum Brassicaceae (crucifers) Brassica napus Cakile maritima Cardaria draba Lobularia maritima Rorippa nasturtium-aquaticum Cactaceae Opuntia ficus-indica Caprifoliaceae Lonicera implexa L. etrusca Caryophyllaceae (pinks) Silene gallica S. vulgaris S. cretica S. conica	<ul> <li>blue hound's-tongue pale bugloss purple viper's-bugloss</li> <li>rape sea-rocket hoary cress sweet alison watercress</li> <li>prickly-pear</li> <li>honeysuckle</li> <li>small-flowered catchfly bladder campion Cretan catchfly sand catchfly</li> </ul>	MG SB SB SB MG T AG PP CC EG PP MG
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum Brassicaceae (crucifers) Brassica napus Cakile maritima Cardaria draba Lobularia maritima Rorippa nasturtium-aquaticum Cactaceae Opuntia ficus-indica Caprifoliaceae Lonicera implexa L. etrusca Caryophyllaceae (pinks) Silene gallica S. vulgaris S. cretica S. conica Chenopodiaceae Beta vulgaris ssp. maritima	<ul> <li>blue hound's-tongue pale bugloss purple viper's-bugloss</li> <li>rape sea-rocket hoary cress sweet alison watercress</li> <li>prickly-pear</li> <li>honeysuckle</li> <li>small-flowered catchfly bladder campion Cretan catchfly sand catchfly</li> <li>sea beet</li> </ul>	MG SB SB SB MG T AG PP CC EG PP MG SB
Borago officinalis Cynoglossum creticum Echium italicum E. plantagineum Brassicaceae (crucifers) Brassica napus Cakile maritima Cardaria draba Lobularia maritima Rorippa nasturtium-aquaticum Cactaceae Opuntia ficus-indica Caprifoliaceae Lonicera implexa L. etrusca Caryophyllaceae (pinks) Silene gallica S. vulgaris S. cretica S. conica	<ul> <li>blue hound's-tongue pale bugloss purple viper's-bugloss</li> <li>rape sea-rocket hoary cress sweet alison watercress</li> <li>prickly-pear</li> <li>honeysuckle</li> <li>small-flowered catchfly bladder campion Cretan catchfly sand catchfly</li> </ul>	MG SB SB SB MG T AG PP CC EG PP MG

Cistaceae		
Cistus albidus	grey-leaved cistus	
C. monspeliensis	narrow-leaved cistus	EG
C. salvifolius	sage-leaved cistus	
Convolvulaceae		
Calystegia soldanella	sea bindweed	SB
Convolvulus althaeoides	mallow-leaved bindweed	
Crassulaceae		
Umbilicus rupestris	navelwort	
Cuscutaceae		
Cuscuta epithymum	dodder	CC
Cyperaceae		_
Scirpus maritimus	sea club-rush	Т
Dipsacaceae		
Scabiosa atropurpurea		SB
S. maritima		SB
Ericaceae		
Erica arborea	tree-heath	EG
Euphorbiaceae		
Euphorbia dendroides	tree spurge	EG PP
E. helioscopia	sun spurge	~~
Ricinis communis	castor oil plant	SB
Fagaceae		
Quercus ilex	holm oak	
Gentianaceae		
Blackstonia perfoliata	yellow-wort	SB
Centaurium pulchellum	lesser centaury	EG
Geraniaceae		
Erodium malacoides	mallow-leaved stork's-bil	1
Geranium columbinum	long-stalked crane's-bill	1
Geranium columbinum G. dissectum	long-stalked crane's-bill cut-leaved crane's-bill	11
Geranium columbinum G. dissectum G. molle	long-stalked crane's-bill cut-leaved crane's-bill dove's-foot crane's-bill	11
Geranium columbinum G. dissectum G. molle G. purpureum	long-stalked crane's-bill cut-leaved crane's-bill dove's-foot crane's-bill little-robin	11
Geranium columbinum G. dissectum G. molle G. purpureum G. rotundifolium	long-stalked crane's-bill cut-leaved crane's-bill dove's-foot crane's-bill	11
Geranium columbinum G. dissectum G. molle G. purpureum G. rotundifolium Iridaceae	long-stalked crane's-bill cut-leaved crane's-bill dove's-foot crane's-bill little-robin round-leaved crane's-bill	
Geranium columbinum G. dissectum G. molle G. purpureum G. rotundifolium	long-stalked crane's-bill cut-leaved crane's-bill dove's-foot crane's-bill little-robin	MG PP
Geranium columbinum G. dissectum G. molle G. purpureum G. rotundifolium Iridaceae	long-stalked crane's-bill cut-leaved crane's-bill dove's-foot crane's-bill little-robin round-leaved crane's-bill wild gladiolus	MG PP
Geranium columbinum G. dissectum G. molle G. purpureum G. rotundifolium <b>Iridaceae</b> Gladiolus italicus	long-stalked crane's-bill cut-leaved crane's-bill dove's-foot crane's-bill little-robin round-leaved crane's-bill wild gladiolus	
Geranium columbinum G. dissectum G. molle G. purpureum G. rotundifolium Iridaceae Gladiolus italicus Juncaceae Juncus acutus Lamiaceae (labiates)	long-stalked crane's-bill cut-leaved crane's-bill dove's-foot crane's-bill little-robin round-leaved crane's-bill wild gladiolus sharp rush	MG PP 4G T EG MN
Geranium columbinum G. dissectum G. molle G. purpureum G. rotundifolium Iridaceae Gladiolus italicus Juncaceae Juncus acutus Lamiaceae (labiates) Mentha suaveolens	long-stalked crane's-bill cut-leaved crane's-bill dove's-foot crane's-bill little-robin round-leaved crane's-bill wild gladiolus sharp rush M apple-scented mint	MG PP AG T EG MN SB
Geranium columbinum G. dissectum G. molle G. purpureum G. rotundifolium Iridaceae Gladiolus italicus Juncaceae Juncus acutus Lamiaceae (labiates) Mentha suaveolens M. aquatica	long-stalked crane's-bill cut-leaved crane's-bill dove's-foot crane's-bill little-robin round-leaved crane's-bill wild gladiolus sharp rush M apple-scented mint water mint	MG PP AG T EG MN SB AG
Geranium columbinum G. dissectum G. molle G. purpureum G. rotundifolium Iridaceae Gladiolus italicus Juncaceae Juncus acutus Lamiaceae (labiates) Mentha suaveolens M. aquatica Prasium majus	long-stalked crane's-bill cut-leaved crane's-bill dove's-foot crane's-bill little-robin round-leaved crane's-billwild gladioluswild gladiolussharp rushMapple-scented mint water mint Spanish nettle tree	MG PP AG T EG MN SB
Geranium columbinum G. dissectum G. molle G. purpureum G. rotundifolium Iridaceae Gladiolus italicus Juncaceae Juncus acutus Lamiaceae (labiates) Mentha suaveolens M. aquatica Prasium majus Rosmarinus officinalis	long-stalked crane's-bill cut-leaved crane's-bill dove's-foot crane's-bill little-robin round-leaved crane's-billwild gladioluswild gladiolussharp rushMapple-scented mint water mint Spanish nettle tree rosemary	MG PP AG T EG MN SB AG
Geranium columbinum G. dissectum G. molle G. purpureum G. rotundifolium Iridaceae Gladiolus italicus Juncaceae Juncus acutus Lamiaceae (labiates) Mentha suaveolens M. aquatica Prasium majus	long-stalked crane's-bill cut-leaved crane's-bill dove's-foot crane's-bill little-robin round-leaved crane's-billwild gladioluswild gladiolussharp rushMapple-scented mint water mint Spanish nettle tree	MG PP AG T EG MN SB AG

Liliaceae		
Allium ampeloprasum	wild leek	PP
A. roseum	rose garlic	
A. triquetrum	three-cornered leek	
A. subvillosum		MN
Asparagus horridus		
Asphodelus aestivus A. fistulosus		
Muscari comosum	tassel hyacinth	
Ornithogalum arabicum	Arabian star-of-Bethlehen	n MG
O. pyrenaicum	spiked star-of-Bethlehem	NT
Ruscus aculeatus	butcher's broom	SB
Urginea maritima	sea squill	
Linaceae		
Linum usitatissimum	common flax	AG PP
L. bienne	pale flax	
L. trigynum		
Lythraceae		
Lythrum junceum		AG
Malvaceae		
Lavatera cretica	smaller tree-mallow	
L. arborea	tree mallow	
Malva neglecta	dwarf mallow	
M. sylvestris	common mallow	
Meliaceae		
Melia azedarach	Indian bead-tree	[planted]
Moraceae		
Ficus carica	fig	
Myoporaceae		
Myoporum laetum		[planted]
Oleaceae		
Olea europaea	olive	[planted]
Orobanchaceae		
Orobanche minor	lesser broomrape	PP
O. ramosa	branched broomrape	MG
O. sanguinea		
Orchidaceae		
Orchis coriophora subsp. fragrans	bug orchid	SB
Ophrys speculum	mirror orchid	
Serapias parviflora	small-flowered tongue-ord	chid
Oxalidaceae	D	
Oxalis pes-caprae	Bermuda buttercup	
Papaveraceae		
Fumaria capreolata	white ramping-fumitory	SB
Papaver hybridum	rough poppy	MG
P. rhoeas	common poppy	
P.dubium	long-headed poppy	
P. somniferum	opium poppy	

P. argemone	prickly poppy	
Papilionaceae (peas)		
Ceratonia siliqua	carob (planted)	
Anthyllis vulneraria	Mediterranean kidney ve	etch
Astragalus boeticus	-	SB
Calicotome spinosa	spiny broom	
Dorycnium hirsutum	1 2	MN
D. pentaphyllum		MN
Hedysarum coronarium	Italian sainfoin	
Lathyrus annua		SB
L. ochrus		SB
L. sphaericus		EG
Lotus corniculatus	marsh bird's foot trefoil	SB
L. ornithopodioides	marsh one s toot defon	SB
Medicago orbicularis	large disc medick	50
Melilotus officinalis	ribbed melilot	SB
Psoralea bituminosa	pitch trefoil	3D
	1	
Robinia pseudacacia	false acacia (planted)	M
Spartium junceum	Spanish broom	MN
Trifolium campestre	hop trefoil	EG
T. stellatum	starry clover	~~ . ~
Vicia benghalensis		SB AG
V. tetrasperma	smooth tare	
V. lutea	yellow vetch	
Phytolaccaceae		
Phytolacca arborea	ombu	MG [planted]
		- LI
Plantaginaceae		
Thantaginaceae		
Plantago coronopus	buck's-horn plantain	
Plantago coronopus	buck's-horn plantain	
Plantago coronopus Plumbaginaceae	-	CE E DD
Plantago coronopus	-	CF F PP
Plantago coronopus Plumbaginaceae Limonium minutum	-	CF F PP
Plantago coronopus Plumbaginaceae Limonium minutum Poaceae (grasses)	CC	
Plantago coronopus Plumbaginaceae Limonium minutum Poaceae (grasses) Briza maxima	CC quaking grass	CF F PP SB
Plantago coronopus Plumbaginaceae Limonium minutum Poaceae (grasses) Briza maxima Hodeum murinum	CC quaking grass wall barley	SB
Plantago coronopus Plumbaginaceae Limonium minutum Poaceae (grasses) Briza maxima Hodeum murinum Ammophila arenaria	CC quaking grass	
Plantago coronopus Plumbaginaceae Limonium minutum Poaceae (grasses) Briza maxima Hodeum murinum Ammophila arenaria Ampelodesmus mauritanicus	CC quaking grass wall barley marram grass	SB SB EG
Plantago coronopus Plumbaginaceae Limonium minutum Poaceae (grasses) Briza maxima Hodeum murinum Ammophila arenaria Ampelodesmus mauritanicus Arundo donax	CC quaking grass wall barley marram grass giant reed	SB
Plantago coronopus Plumbaginaceae Limonium minutum Poaceae (grasses) Briza maxima Hodeum murinum Ammophila arenaria Ampelodesmus mauritanicus	CC quaking grass wall barley marram grass	SB SB EG
Plantago coronopus Plumbaginaceae Limonium minutum Poaceae (grasses) Briza maxima Hodeum murinum Ammophila arenaria Ampelodesmus mauritanicus Arundo donax	CC quaking grass wall barley marram grass giant reed	SB SB EG
Plantago coronopus Plumbaginaceae Limonium minutum Poaceae (grasses) Briza maxima Hodeum murinum Ammophila arenaria Ampelodesmus mauritanicus Arundo donax Lagurus ovatus	CC quaking grass wall barley marram grass giant reed	SB SB EG
Plantago coronopus Plumbaginaceae Limonium minutum Poaceae (grasses) Briza maxima Hodeum murinum Ammophila arenaria Ampelodesmus mauritanicus Arundo donax Lagurus ovatus Polygonaceae Rumex crispus	CC quaking grass wall barley marram grass giant reed hare's-foot grass	SB SB EG
Plantago coronopus Plumbaginaceae Limonium minutum Poaceae (grasses) Briza maxima Hodeum murinum Ammophila arenaria Ampelodesmus mauritanicus Arundo donax Lagurus ovatus Polygonaceae Rumex crispus Posidoniaceae	CC quaking grass wall barley marram grass giant reed hare's-foot grass	SB SB EG AG
Plantago coronopus Plumbaginaceae Limonium minutum Poaceae (grasses) Briza maxima Hodeum murinum Ammophila arenaria Ampelodesmus mauritanicus Arundo donax Lagurus ovatus Polygonaceae Rumex crispus	CC quaking grass wall barley marram grass giant reed hare's-foot grass	SB SB EG
Plantago coronopus Plumbaginaceae Limonium minutum Poaceae (grasses) Briza maxima Hodeum murinum Ammophila arenaria Ampelodesmus mauritanicus Arundo donax Lagurus ovatus Polygonaceae Rumex crispus Posidoniaceae	CC quaking grass wall barley marram grass giant reed hare's-foot grass	SB SB EG AG
Plantago coronopus Plantago coronopus Plumbaginaceae Limonium minutum Poaceae (grasses) Briza maxima Hodeum murinum Ammophila arenaria Ampelodesmus mauritanicus Arundo donax Lagurus ovatus Polygonaceae Rumex crispus Posidoniaceae Posidonia oceanica Primulaceae	CC quaking grass wall barley marram grass giant reed hare's-foot grass curled dock	SB SB EG AG SB
Plantago coronopus Plumbaginaceae Limonium minutum Poaceae (grasses) Briza maxima Hodeum murinum Ammophila arenaria Ampelodesmus mauritanicus Arundo donax Lagurus ovatus Polygonaceae Rumex crispus Posidoniaceae Posidonia oceanica	CC quaking grass wall barley marram grass giant reed hare's-foot grass	SB SB EG AG SB
Plantago coronopus Plantago coronopus Plumbaginaceae Limonium minutum Poaceae (grasses) Briza maxima Hodeum murinum Ammophila arenaria Ampelodesmus mauritanicus Arundo donax Lagurus ovatus Polygonaceae Rumex crispus Posidonia ceanica Primulaceae Anagallis arvensis	CC quaking grass wall barley marram grass giant reed hare's-foot grass curled dock	SB SB EG AG SB
Plantago coronopus Plantago coronopus Plumbaginaceae Limonium minutum Poaceae (grasses) Briza maxima Hodeum murinum Ammophila arenaria Ampelodesmus mauritanicus Arundo donax Lagurus ovatus Polygonaceae Rumex crispus Posidonia ceanica Primulaceae Anagallis arvensis Punicaceae	CC quaking grass wall barley marram grass giant reed hare's-foot grass curled dock scarlet pimpernel (red &	SB SB EG AG SB
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Plantago coronopus   Plumbaginaceae   Limonium minutum   Poaceae (grasses)   Briza maxima   Hodeum murinum   Ammophila arenaria   Ampelodesmus mauritanicus   Arundo donax   Lagurus ovatus   Polygonaceae Rumex crispus Posidonia oceanica Primulaceae Anagallis arvensis Punica granatum Ranunculaceae Clematis cirrhosa C. flammula	CC quaking grass wall barley marram grass giant reed hare's-foot grass curled dock scarlet pimpernel (red & pomegranate maiden's-bower	SB EG AG SB blue varieties) AG MG SB EG
Plantago coronopus         Plumbaginaceae         Limonium minutum         Poaceae (grasses)         Briza maxima         Hodeum murinum         Ammophila arenaria         Ampelodesmus mauritanicus         Arundo donax         Lagurus ovatus         Polygonaceae         Rumex crispus         Posidonia ceanica         Primulaceae         Anagallis arvensis         Punica granatum         Ranunculaceae         Clematis cirrhosa         C. flammula         Ranunculus aquatilis	CC quaking grass wall barley marram grass giant reed hare's-foot grass curled dock scarlet pimpernel (red & pomegranate	SB EG AG SB blue varieties) AG MG SB EG SB T
Plantago coronopus   Plumbaginaceae   Limonium minutum   Poaceae (grasses)   Briza maxima   Hodeum murinum   Ammophila arenaria   Ampelodesmus mauritanicus   Arundo donax   Lagurus ovatus   Polygonaceae Rumex crispus Posidonia oceanica Primulaceae Anagallis arvensis Punica granatum Ranunculaceae Clematis cirrhosa C. flammula	CC quaking grass wall barley marram grass giant reed hare's-foot grass curled dock scarlet pimpernel (red & pomegranate maiden's-bower	SB EG AG SB blue varieties) AG MG SB EG

## R. arvensis

Resedaceae		
Reseda alba	white mignonette	
R. odorata	mignonette	
Rhamnaceae		
Rhamnus alaternus	Mediterranean buckthorn	EG AG
Rosaceae		
Crataegus monogyna	hawthorn	
Malus (sylvestris?)	crab apple	AG
Prunus dulcis	almond (planted)	
Rosa sempervirens	<b>`</b>	EM
Rubus ulmifolius	bramble	
Eriobotria japonica	Japanese loquat	AG
Sanguisorba minor	salad burnet	T MN
Rubiaceae	-1	
Galium aparine Bubia nemoring	cleavers	
Rubia peregrina	wild madder	
Sherardia arvensis	field madder	
Rutaceae		
Ruta chalepensis	fringed rue	MG
Salicaceae		
	white poplar	AG
Populus alba	white poplar	AU
Scrophulariaceae		
Paulownia tomentosa	foxglove tree (planted)	
Bellardia trixago		
Linaria triphylla	three-leaved toadflax	NT
Misopates orontium	weasel's snout	MG NT
Parentucellia viscosa	yellow bartsia	MG AG
Scrophularia peregrina	nettle-leaved figwort	AG
Verbascum creticum		AG
V. sinuatum		
Smilacaceae		
Smilax aspera var. balearica		EM
Solanaceae	1 60 1	
Solanum sodomaeum	apple-of-Sodom	SB
Tamaricaceae		
Tamarix boveana		SB
T. gallica	tamarisk	
Urticaceae		
Parietaria judaica	pellitory-of-the-wall	
Urtica membranacea	membranous nettle	
Valerianaceae		
Centranthus calcitrapae		SB
Centraninas carcurapae		JU U