Spring in Southern Portugal

Naturetrek Tour Report

7th - 14th April 2025



European Bee-eater



Eurasian Hoopoe



Spanish Imperial Eagle



Crimson Speckled

Tour report by Glyn Evans



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Summary

Southern Portugal offers large swathes of stunning, largely untouched wild spaces. This tour included two very different but equally exciting examples, on the Alentejo plains and in the unique coastal habitats of the southwest. On this spring trip, there was interest for all naturalists of every discipline, and enough diversity to stretch everyone's skills. This week was a little cooler and more blustery than in recent years, so it was slightly harder work finding smaller birds, but what was found was interesting, diverse and occasionally spectacular.

Day 1 Monday 7th April

We stopped on the way to the hotel at the Tavira salt pans; we first looked at the estuary, where a decent number of Sandwich and Little Terns were patrolling the shallow edges. Close to where we parked were Whimbrels and Sardinian Warblers, and as we walked toward the salt pans a fine male Woodchat Shrike presented itself. It was evident that the main concentration of waders was in the shallower salt pans. In fact, the nearest had probably the best selection of waders, with Dunlin, Curlew Sandpiper, Sanderling, Kentish Plover, Turnstone, Black-winged Stilt and Avocet all present. An attendant crowd of West African Fiddler Crabs all waved in unison, as though conducting an open-air concert.

A few Bee-eaters were hawking low over the water, with one pair even appearing to show an interest in one of the earth bunds, perhaps as a prospective nest site. Such was the number and concentration of waders on this pan that we decided the optimal use of time would be to conduct a lap before returning to the vans. At the bottom end of, Mike added a Ruff to the list, and we had great views of some Whimbrels flying directly overhead. The most exciting moment, though, was when a distant small raptor revealed itself to be a Black-winged Kite. Although the bird didn't come any closer, everyone was able to get a view and pick out its key features. Two Red-rumped Swallows posed on wires for photos as we returned to the vans. This had been a great start to the tour.

Our arrival at the hotel was delayed by a diversion and then a routine police check at the roadside, where we were finally sent on our way after I was able to answer the key question: who was the world's greatest footballer? Had the expected answer been anything other than Cristiano Ronaldo, I would have been struggling!

The saline coastal habitats at Tavira gave us a great wealth of interesting plants to start the trip. Salt-adapted plants such as various glassworts and saltworts dominated the damper areas and it was here that we found our first, impressive spikes of Yellow Desert Broomrape (*Cistanche phelypaea*), growing parasitically on the saltbushes. Here, too, we found clumps of Sea Daffodil (*Pancratium maritimum*) leaves (not in flower at this time of year), Common Limoniastrum (*Limoniastrum monopetalum*) (a shrubby relative of sea-lavender) and patches of Golden Dog's-tail (*Lamarckia aurea*) quaking in the wind.

Day 2 Tuesday 8th April

Our first full day featured a trip to the spectacular and picturesque site of Pulo do Lobo. Passing beautiful scenery with some lovely cork oak woodland on the way, with Booted Eagle and Marsh Harrier observed from the road, together with Iberian Grey Shrikes adorning the wires along the way, we chose to stop at an open area where a

depleted stream flowed through a culvert under the road. Almost immediately we were seeing and hearing Beeeaters flying around the little valley; this colony would surely get bigger as the spring progressed. The 'jangling keys' song of Corn Buntings rang in the air, a pair of Stonechats flickered on nearby bushes, and Jays marauded around the valley in search of an easy meal. As we had hoped, a Woodlark serenaded us overhead.

We arrived at Pulo do Lobo quite early and drove carefully down the dusty, gravelly track to the bottom of the valley, where the sound of the rain-swelled torrent was loud enough to cause problems with communication at any distance. We edged towards the viewpoint in a fairly close formation, until it was clear that the spray from the swollen torrent would have drenched us had we stayed longer than a minute or two. We needn't have worried. Before we even got to the viewpoint male Rock Bunting perched on a bush and sang, giving decen scoped views for all present. Crag Martins were observed along the river, where it was decided we should have a short walk before lunch.

As we started to gain some distance between ourselves and the torrent, we began to hear White Wagtails, Blue Rock Thrushes, Sardinian Warblers and another singing Rock Bunting. Then came the big moment, when an adult Bonelli's Eagle flew quite low over the party, giving everyone great views of its distinctive shape.

Many of today's botany highlights came around what was to later be our picnic area. We spotted the plum-like fruits of Baetic Birthwort (*Aristolochia baetica*) and later found a fine specimen in flower. Velvet (*Cosentinia vellea*) and Jersey Ferns (*Anogramma leptophylla*) grew on the drier rocks, and we found Mediterranean Stork's-bill (*Erodium botrys*) and Angular Pea (*Lathyrus angulatus*) closer to the river. The peculiar, spiny shrub, Tamujo (*Flueggea tinctoria*) was an interesting curiosity here, and Spanish Heath (*Erica australis*) was seen in full flower.

We enjoyed lunch in decent sunshine, prepared at a rather cosy picnic spot with stone altars and a brick BBQ, with just enough seating. Having bagged probably the trickiest raptor of the tour before lunch, we left Pulo do Lobo and retraced our steps through beautiful landscapes.

By mid-afternoon, we had driven through Mertola and reached a track just fifteen minutes' drive away from the hotel, where we have previously enjoyed good views of bustards and other plain specialists. We drove as far as we could along the track, but before we could even park, a Great Bustard flew from just below us to a safe but easily scoped position on the bottom of the plain: what a start! Once we'd all enjoyed the Great Bustard, we then started to find Calandra Larks singing beautifully all around us, with Corn Buntings providing backing vocals. Slightly less tuneful were the gentle raspberry-blowing calls of one of several male Little Bustards, which were eventually apparent to everyone once they had tuned in. An Iberian Green Woodpecker briefly perched on a fence post. The botanists enjoyed Purple Sand Spurrey (*Spergularia purpurea*), Common Strapwort (*Corrigiola litoralis*) and Spreading Sainfoin (*Onobrychis humilis*) in the dry, pseudo-steppe habitats.

Day 3

Wednesday 9th April

Today was the day of the big banquet in Castro Verde, and the drive across the plains to get us there and back. Two different routes were planned across the Alentejo plains to pick up the staples of Great and Little Bustard, and hopefully other species, perhaps including Spanish Imperial Eagle. On the way out there were the usual smatterings of Iberian Magpies along the eucalyptus-lined main road, and at a brief stop a Booted Eagle flew by

nice and close. We stopped by some White Stork nests to observe the stowaway Spanish Sparrows in their integrated homes. Red-rumped Swallows prospected the culverts under the road, while Quails and Zitting Cisticolas sang from the fields. Stonechats scolded us gently from overhead wires. Mike did extremely well to pick up a flying Great Bustard at distance; most people latched onto it. A smart male Marsh Harrier cruised over the pasture and the road, displaying its tricoloured plumage beautifully. Back on the main road, a Little Bustard somehow caught my peripheral vision, so we got out to enjoy relatively close views.

We found a track on the plain close to Castro Verde, where it was evident that there were other birders watching something. We weren't going to get past them, so we pulled up behind them on the track. Before we were able to ask, they pointed out what they were watching: a pair of immature Spanish Imperial Eagles! The birds gave us a great display, allowing us to get a perspective of size and the paler plumage typical of the younger birds of this species.

A couple of Great Bustards flew past to show that it is possible to get up to 20kg off the ground, and Calandra Larks again showed great grace in their flight. As we turned around, one of the young eagles had returned to its original perch on a small outcrop of boulders in among some cattle, so we stopped to watch it again before it flapped slowly away. As we neared Castro Verde, a single Black Kite performed for us over a roadside copse.

We still had time for one more stop before reaching Helen's place, so we pulled over after crossing a narrow bridge over a river, which last year had been a ford! Here, we explored the grasslands, the river and the trees on either side. While identifying Small Heath butterflies in the grassland, a larger butterfly caught the eye, and after a short effort at stealthy stalking it was identified as our first Spanish Festoon; this one was a very fine specimen with larger red spots than most. Cetti's Warblers and Nightingales were loudly announcing their presence from the riverside trees, and a Spanish Terrapin basked motionless on a partly-submerged branch. A Short-toed Snake Eagle loomed high overhead, but in sufficiently good light to show why it is nicknamed 'the flying Viennetta', on account of its finely streaked, pale underparts.

The banquet at Helena's house was plentiful, tasty and in the lovely surroundings of her backyard.

Our drive back had at least one scheduled stop, before which we drove slowly past some resplendent flower meadows, occasionally getting out to enjoy the butterflies, larks and Corn Buntings, adding the stunning Spanish Marbled White to our butterfly list. As we neared the scheduled stop at a reservoir, I glimpsed a very large bird shape in a dead tree; it became obvious that the bird was an eagle. I radioed a warning to Mike that we should stop to identify it. It only took a second through the binoculars to see a glowing white patch on the carpal joint of the wing, confirming that this was an adult Spanish Imperial Eagle! Fortunately, at a safe distance from the bird, there were places where we could pull over to observe the bird through scopes close to the vans. We all took a turn to look at one of Europe's rarest breeding birds, before some of the plant lovers began exploring. As we left, Mike glanced back from another angle as we drove away to see the bird on the nest: wow!

The sun had gone in and it was quite grey by the time we arrived at the reservoir, where we were immediately greeted by a Common Sandpiper on the near shore. The perimeter was lined by Black-winged Stilts, and we eventually saw and heard Little Ringed Plovers, while Great Crested Grebes and a pair of Gadwalls were seen on the water. Thekla's Larks were heard in song, and eventually one was spied singing from a tree top. While scope views were enjoyed in turn, I picked up a wheatear on a distant fencepost, which turned out to be a female Western

Black-eared. As we drove away from the reservoir, we observed Red-legged Partridges and Iberian Hares in the plantation, and Little Grebes at a small lake near the main road. A stop at a bridge over a river added a singing Turtle Dove to our list.

Picturesque swathes of colour formed many botanical highlights today, especially the rich tones of Purple Viper's-bugloss (*Echium plantagineum*) and the brilliant yellow of Corn Marigold (*Glebionis segetum*). We also found our first Star-of-Bethlehem flowers (*Ornithogalum baeticum*) and investigated the black seedpods of the curious Kurrajong Bottle Trees (*Brachychiton populneus*), used as shade trees in town.

A small, roadside stream provided a number of new and interesting plant species, including the aquatic fern, *Marsilea batardae* and flowering stands of Pond Water-crowfoot (*Ranunculus peltatus*), while the damp margins held good quantities of Few-veined Birthwort (*Aristolochia paucinervis*), larval foodplant for the Spanish Festoons that were flitting around. At one of the last stops, a steep bank held *Rumex induratus, Iberodes linifolia* and Warty Cleavers (*Galium verrucosum*), and we couldn't resist a quick stop to photograph a large stand of Barbary Nut (*Moraea sisyrinchium*).

Day 4

Thursday 10th April

Today was transfer day, with two planned stops along the way: at Quinta do Lago, and then Salgados lagoons, with lunch planned for the little bandstand at the former site. We parked at the Golf Club car park right next to the estuary at Quinta do Lago, and made the short walk to the hide overlooking the lake. As often happens at this site, Wrynecks were heard in the pines but sadly not seen, but Grey Plovers, Turnstones and Whimbrels were on the estuary, together with Audouin's Gulls flying past with Yellow-legged Gulls. We soon left the botanists behind looking at the fantastic variety of plants, while we saw a pair of Mistle Thrushes feeding on the fairway, but almost as soon as we got to the hide, having passed the courting Black-headed Weavers on the way, we were able to see a Western Swamphen feeding young and two drake Red-crested Pochards towards the back of the lake.

While others were delving around in the scrub (perhaps in the hope of discovering chameleons?), some half a dozen of us made it to the upper floor of the hide and observed Audouin's Gulls on the water, admiring their rather slinky profile, paler mantles and dark red bills. A few White Storks were flying around over the back of the lagoon, and a single Booted Eagle was flying into the wind. A Collared Pratincole flew rapidly across the back of the lagoon above the skyline for all to see. Over lunch we enjoyed the company of a particularly showy male Sardinian Warbler.

While Quinta do Lago's wetlands provided the most interest for the birdwatchers, it was the nearby sand dunes that attracted the botanists. Here, Hair-leaved Snowflake (*Acis trichophylla*), Capitate Galingale (*Cyperus capitatus*), Slender Catchfly (*Silene gracilis*) and Coastal Crucianella (*Crucianella maritima*) were all of interest and we found the first of many Mirror Orchids (*Ophrys speculum*) to come.

Almost immediately on arrival at Salgados, we were greeted by calling Audouin's Gulls overhead. By now, cloudy weather had set in, but there was at least a brief sunny spell when most of us congregated behind the viewing screen, where we observed a flotilla of gulls, namely Yellow-legged, Lesser Black-backed and Audouin's, more Western Swamphens commuting between islands, a Purple Heron, two Marsh Harriers and a fast-moving flock of

ten Little Terns darting through the lagoons. Just one Glossy Ibis was seen, distantly dropping into reeds at the back edge of the lagoon.

The high water levels were probably the reason for a complete lack of waders, but we were saved from drawing a total blank when Mike picked up a call of a Collared Pratincole, which came into view at comfortable distance, allowing clients to view its forked tail and slinky, tern-like flight. Plants of particular interest included the sprawling Spiny Emex (*Rumex spinosus*) with its prickly fruits and carpets of the alien, Yellow Buttonweed (*Cotula coronopifolia*). A couple of Iberian Hares were spied on the way back to the vans, before we embarked on the journey to Sagres, which we reached in good time.

Day 5

Friday 11th April

The weather forecast for today wasn't too promising, but we set out with a bound in our stride, having enjoyed good views of a singing Serin in the car park. We headed first for the lighthouse at Cape St Vincent, to explore the clifftops and look out to sea. We immediately found a circling flock of Gannets, apparently waiting for a shoal of fish, while a procession of gulls past the point featured Audouin's and Yellow-legged in roughly equal numbers. A male Black Redstart taunted us by singing from a position very close to our viewpoint, but then disappearing after two or three seconds. The resident Sardinian Warbler, however, eventually perched on a low bush below us, and sang for long enough for many to enjoy scope views in the bright sunshine.

The exposed habitats around Cape St Vincent require special adaptation by the plants that grow there and a great wealth of specialist plants provided 'hog heaven' for the botanists! This fabulous area gave us many species, including Oregano-leaved Rock-rose (Helianthemum origanifolium), Cistus calycinus, Procumbent Candytuft (Iberis procumbens), Shrubby Violet (Viola arborescens), the hemiparasitic Iberian Osyris (Osyris lanceolata), the spectacular Shrubby Pimpernel (Lysimachia monelli), White-berried Corema (Corema album), Yellow Sea Aster (Pallenis maritima), the distinctive local form of Wild Carrot (Daucus carota subsp. halophilus), Scrambling Snapdragon (Antirrhinum cirrhigerum), St Vincent Felty Germander (Teucrium vincentinum) and Camphor Thyme (Thymus camphoratus).

Next, we drove back along the road to a smaller fort, halfway back to the showpiece Henry the Navigator Fort. It didn't produce the hoped-for Blue Rock Thrushes, but we did find a pair of Woodchat Shrikes in the low bushes. Before going to the heath at Cabranossa for lunch, we took a drive along a straight track across some rough pasture, where on previous occasions we had seen Little Bustards. We had no luck this time, but we did see numerous Corn Buntings and heard several Greater Short-toed Larks, which unfortunately did not settle for close views. In the absence of Red-billed Choughs, we took a short drive to the clifftops by the Henry the Navigator Fort, where we enjoyed close views of Black Redstarts. Once again, the plant lovers filled their boots with a great diversity of flora.

We then adjourned to Cabranossa, where we set up lunch in the back of Mike's van and, once lunch was eaten, we went off and explored a nearby piece of woodland: it turned up Maritime Pine (*Pinus pinaster*) (with its impressive cones), Romulea bulbocodium, the endemic subspecies of Common Bellevalia (Bellevalia dubia subsp. hackelii), Pink Serradella (Ornithopus sativus), Large-leaved Thrift (Armeria macrophylla), Apple-of-Sodom Nightshade (Solanum linnaeanum) and the diminutive Algarve Toadflax (Linaria algarviana). We heard Crested Tits and saw Western Bonelli's Warbler too, plus a feeding flock of Choughs. Many excavation sites betrayed the presence of Wild Boar, but though we couldn't nail any Crested Tits, we did find several Painted Lady butterflies and Black-eyed Blue as well as a couple of Clouded Yellow. A Thekla's Lark briefly showed towards the end of the walk, but the day had

become somewhat grey. So, after another drive along the track, where we added three Whinchats to the list, we retired to the ice cream parlour before returning to the hotel.

Day 6

Saturday 12th April

We stopped en route to Amoreira beach dunes by a little track near our planned woodland walk (which we ended up calling 'dog alley', such was the incessant barking from the local hounds). Quite a few good species were found, including Heart-flowered Tongue Orchid (Serapias cordigera) the local Serapias strictiflora (now sadly 'lumped' into the very different Serapias lingua), Epipactis hispanica (now 'lumped' into Epipactis helleborine subsp. tremolsii) and a single Narrow-leaved Helleborine (Cephalanthera longifolia). Other delights here included the gorgeous Tangier Pea (Lathyrus tingitanus), Bitter Blue Lupin (Lupinus gussoneanus) and the intriguing Genista tridentata with its three-pronged leaves.

The woodland walk was to last about an hour and a quarter, during which time we observed a pair of Woodlarks on overhead wires. We heard and saw Chaffinches for the first time on the tour, and also Nuthatch, which was later seen. We had previously heard Iberian Chiffchaff at this site, but there was none today; we did hear Short-toed Treecreeper and then Lesser Spotted Woodpecker, which brazenly came out of hiding to cling to the top of a vertical branch, posing like the testosterone-charged stud he clearly thought he was! Great Spotted Woodpecker and Crested Tit were also seen and heard, as was a Firecrest. The light wasn't great on this walk, but as we got close to the turnaround point, the sun came out, and so did the Marsh Fritillaries, with three very fresh specimens basking in the sun.

We moved on to a lovely picnic spot by a stream before we hit Amoreira dunes, arriving at exactly 12.30pm. We consumed a fine spread, and were serenaded by a Nightingale and a Blackcap. While a White Stork circled overhead with nesting material, a Speckled Wood butterfly was blown through with the breeze.

Then we went on to the dunes, via the oysterbeds (two Ospreys and a Swallowtail) and a roadside stop which provided us with close-up views of stands of the introduced *Watsonia meriana* var. *bulbillifera*, which we had been seeing along our journey, the peculiar *Myriolimon diffusum* in a salt flat area, and some truly awesome spikes of the parasitic *Orobanche foetida*.

On the dunes, despite the breezy weather, we found some interesting butterflies keeping low to avoid being blown away, moths and other insects, together with a fascinating array of plants: Maghreb Bluebell (*Hyacinthoides mauritanica*), One-leaved Squill (*Scilla monophyllos*), *Sesamoides purpurascens*, some outstanding examples of Whiteberried Corema (*Corema album*) and Prostrate Gromwell (*Glandora prostrata*), all among a sea of flowering rock-roses in pink, white and yellow.

Day 7

Sunday 13th April

The trip to Quinta da Rocha involved crossing a railway line and driving up a dirt track for quite some distance, past the A Rocha Foundation garden, where we were going to have our lunch, and then up to the estuary, where some spectacular meadows on our left and some sparsely-wooded areas on our right yielded a colony of Bee-eaters and a few Cattle Egrets. Iberian Magpies and a couple of flyover Hoopoes were noted before we disembarked, and we almost immediately started hearing Whimbrels. However, before we saw them, we saw good numbers of

both Sandwich and Little Terns fishing in the far corner of the first lagoon, where the water levels were unfortunately too high for there to be any flamingoes. We saw a number of people collecting shellfish and, eventually, some distant Sanderlings on a sand spit. Good numbers of Audouin's Gulls were present, and an Osprey flew into the estuary beyond the lagoons. Then the Whimbrels took flight, allowing us to count over forty birds.

Some towering Pyramidal Orchids stood splendid in the tangle of vegetation on the sea wall, and Yellow Wagtails seemed to be calling everywhere, but were not easy to pin down. Turnstones were colouring up quite nicely once we reached second set of lagoons, where the water was shallower and there were bunds for roosting, and we started seeing more wading birds, with Sanderlings and Dunlins busily feeding in the water, with a few Kentish Plovers thrown in. Most of the Sanderlings were still in their silvery-white winter plumage, with only hints of what was to come. Linnets seemed smudged with lipstick, such was the intensity of their plumage, while more Kentish Plovers danced among the fiddler crabs on the estuary. It was actually quite hard work getting people onto the Iberian Yellow Wagtails, until we finally reached the car park, where a very fine male bird paraded around for all to see and enjoy. At the end of the approach to the A Rocha car park, we had another stop to look at the Bee-eaters flying around. Just before we turned into the car park for lunch, there was a Little Owl perched on one of the almond trees. Large Blue Alkanet (*Anchusa azurea*) was of interest to the botanists here.

After lunch, we retraced our steps back along the track to enjoy the Bee-eaters one more time. On the way we encountered a Hoopoe, which had caught and partially dismembered a very impressive Mole Cricket. We then drove to Boca do Rio and stopped at the marsh to look for Savi's Warbler. It was unfortunately not present, but we were at least able to find a few butterflies, notably Speckled Wood, Clouded Yellow and Spanish Festoon and a male Cleopatra. Arguably the best feature of this walk was a pair of Marsh Harriers 'sky dancing'. An Iberian Chiffchaff entertained us on the way, but stayed unseen in the woodland, there were some Serins song flighting, and a pair of Stonechats was on the side of the marsh. A very distant Short-toed Snake Eagle over the ridge showed its typical "loose" hovering style.

Plants included Yellow Bee Orchid (Ophrys lutea) and Bumblebee Orchid (Ophrys bombyliflora). Also of interest here were Winged Vetchling (Lathyrus ochrus), Corn Spurge (Euphorbia segetalis), Slender Salsify (Geropogon hybridus), the prickly leaves of Spiny Oxtongue (Helminthotheca spinosa), Cachrys sicula and the surprising Shrubby Hare's-ear (Bupleurum fruticosum). Nearer the beach, we checked a site for Naked Man Orchid (Orchis italica), but found them very much past their best. However, Narrow-leaved Rue (Ruta angustifolia) and Scrophularia frutescens were both of interest here. A triumphant tour leader was able to take a photograph of a Crimson Speckled moth as it eventually came to rest where the wind could not loosen its grip. The occasional glance out to sea from the precarious clifftops yielded a European Shag and several Gannets. Back at the car park, Mike encountered a very hefty and nastylooking Scolopendra centipede, which fortunately did not crawl up his trouser leg!

Day 8 Monday 14th April

Our last day's itinerary afforded us a little time at the Parque Natural da Rio Formosa before the airport drop-offs, so with optics packed but accessible, we bade farewell to Sagres. We paid the man in the kiosk his twenty pieces of silver, and headed quickly to the car park and visitor centre. We took a stroll down to the lagoon and the delightful water mill, via several Iberian Magpies and a Crested Tit; the tide was some way out, so there was not much on the lagoons save for a couple of Grey Plovers and a Whimbrel, but there were a couple of Spoonbills in

flight and a single White Stork. We crammed ourselves into a little hide three quarters of the way round the lagoon. We watched a very impressive heronry comprising mainly Cattle Egrets, with the odd Little Egret mixed in. To our left were a couple of Grey Heron's nests, one of which had two well-grown young. Almost back at the car park, a single Common Waxbill flew over, calling. We retraced our steps to the barrier to try to find the bird, but to no avail.

Seeing huge stands of Dwarf Eelgrass (Zostera noltii) and Small Cord-grass (Sporobolus maritimus) was a real treat as these are both species in serious decline in the UK. In the shady woods, a few Spanish Iris (Iris xiphium) were just starting to bloom, and the bushy Lupinus cosentinii was seen near one of the hides.

We arrived in good time at the airport and said our farewells. My thanks go to the legend that is Mike Crewe for taking responsibility for some passionate botanists and for being the sage in every respect of nature guiding, as well as being a good laugh! It was a pleasure leading such an enthusiastic and pleasant group.

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Species lists

Birds (H = Heard only)

					April	2025			
Common name	Scientific name	7	8	9	10	11	12	13	14
Common Shelduck	Tadorna tadorna	✓						√	
Northern Shoveler	Spatula clypeata				√				
Gadwall	Mareca strepera			√	√				
Mallard	Anas platyrhynchos	✓	√		√				
Red-crested Pochard	Netta rufina				√				
Common Pochard	Aythya ferina				√				
Common Quail	Coturnix coturnix		Н	Н			Н		Н
Red-legged Partridge	Alectoris rufa	✓	√	√	√				
Common Swift	Apus apus	√	√	√	√	√	√	√	
Pallid Swift	Apus pallidus	✓		√				√	
Great Bustard	Otis tarda		√	√					
Little Bustard	Tetrax tetrax		√	√					
Common Cuckoo	Cuculus canorus		Н						
Black-bellied Sandgrouse	Pterocles orientalis		√						
Rock Dove / Feral Pigeon	Columba livia	√	√	√	√	√	√	√	
Common Wood Pigeon	Columba palumbus	√	✓	√	✓	✓	✓	✓	
European Turtle Dove	Streptopelia turtur	√ /	√	√			,	√	
Eurasian Collared Dove	Streptopelia decaocto	√	√	√	√	√	√	√	
Common Moorhen	Gallinula chloropus		•	_	\ \		,	•	
Eurasian Coot	Fulica atra				√				
Western Swamphen	Porphyrio porphyrio				√				
Little Grebe	Tachybaptus ruficollis			√	√				
Great Crested Grebe	Podiceps cristatus			√	V				
Eurasian Oystercatcher	Haematopus ostralegus			V				√	
Black-winged Stilt	Himantopus himantopus	√		√			Н	√	
Pied Avocet	Recurvirostra avosetta	\ \ \ \ \		✓ ✓	√		11	V	
Grey Plover	Pluvialis squatarola	√		V	√			√	
Common Ringed Plover	Charadrius hiaticula	√			✓ ✓		Н	√	
Little Ringed Plover	Charadrius dubius	V		/	V		11	V	
Kentish Plover	Anarhynchus alexandrinus	/		✓				/	
Eurasian Whimbrel	•	√ √			/			√ √	
Bar-tailed Godwit	Numenius phaeopus Limosa lapponica	V			√				
Common Sandpiper	Actitis hypoleucos			,				√	
• • • • • • • • • • • • • • • • • • • •	• • •			√				√	
Green Sandpiper Common Redshank	Tringa ochropus Tringa totanus	,		✓				,	
		√		,	,		11	√	
Common Greenshank	Tringa nebularia	√		✓	√		Н	√	
Ruddy Turnstone	Arenaria interpres	√			✓			✓	
Red Knot	Calidris canutus	√							
Curlew Sandpiper	Calidris ferruginea	√							
Sanderling	Calidris alba	√						√	
Dunlin	Calidris alpina	√			✓		✓	✓	
Little Stint	Calidris minuta	✓							
Collared Pratincole	Glareola pratincola				√				
Little Tern	Sternula albifrons				10			√	
Caspian Tern	Hydroprogne caspia							✓	
Common Tern	Sterna hirundo					✓			
Sandwich Tern	Thalasseus sandvicensis							✓	

					April	2025			
Common name	Scientific name	7	8	9	10	11	12	13	14
Black-headed Gull	Chroicocephalus ridibundus	✓			✓	✓			
Audouin's Gull	Ichthyaetus audouinii				√	✓		✓	
Mediterranean Gull	Ichthyaetus melanocephalus				√			√	
Yellow-legged Gull	Larus michahellis	√			√	√	√	√	
Great Black-backed Gull	Larus marinus	√							
Lesser Black-backed Gull	Larus fuscus				√	√		√	
Black Stork	Ciconia nigra		√						
White Stork	Ciconia ciconia	√	· ✓	√	√	√	√	√	
Northern Gannet	Morus bassanus		•			√	•	√	
Great Cormorant	Phalacrocorax carbo		√		√	_	√	√	
European Shag	Gulosus aristotelis		· ·		· ·	√	•	√	
Glossy Ibis	Plegadis falcinellus				√	V		V	
Eurasian Spoonbill	Platalea leucorodia	√			√		√	√	
Little Egret	Egretta garzetta	√	√	√	V		√	√	
Western Cattle Egret	Ardea ibis		V	✓ ✓	,		V		
Grey Heron	Ardea ibis Ardea cinerea	✓			√ /		,	√ /	
<u> </u>				√ /	√ /		✓	√	
Purple Heron	Ardea purpurea			✓	✓		,	√	
Osprey	Pandion haliaetus	,					✓	✓	
Black-winged Kite	Elanus caeruleus	✓							
Cinereous Vulture	Aegypius monachus		√						
Griffon Vulture	Gyps fulvus		✓						
Short-toed Snake Eagle	Circaetus gallicus			✓				✓	
Booted Eagle	Hieraaetus pennatus		✓	✓	✓				
Spanish Imperial Eagle	Aquila adalberti			5					
Bonelli's Eagle	Aquila fasciata		1						
Western Marsh Harrier	Circus aeruginosus		✓		✓			✓	
Black Kite	Milvus migrans			✓					
Common Buzzard	Buteo buteo		✓	✓					
Little Owl	Athene noctua			Н				✓	
Eurasian Hoopoe	Upupa epops	✓	✓	✓	✓	✓		✓	
European Bee-eater	Merops apiaster	✓	✓	✓	✓	✓	✓	✓	
Eurasian Wryneck	Jynx torquilla				Н				
Lesser Spotted Woodpecker	Dryobates minor						✓		
Great Spotted Woodpecker	Dendrocopos major		✓			Н	Н		
Iberian Green Woodpecker	Picus sharpei		√						
Lesser Kestrel	Falco naumanni		√	√					
Common Kestrel	Falco tinnunculus			√	✓	√	√	√	
Peregrine Falcon	Falco peregrinus			√					
Iberian Grey Shrike	Lanius meridionalis		√	√	√				
Woodchat Shrike	Lanius senator	√							
Eurasian Jay	Garrulus glandarius		√	✓	· ✓		√	•	
Iberian Magpie	Cyanopica cooki	√	√	√	√		√	√	
Eurasian Magpie	Pica pica	√	√	√	√	√	•	√	
Red-billed Chough	Pyrrhocorax pyrrhocorax	4	· ·	, ,	4	√		•	
Western Jackdaw	Coloeus monedula			√		V			
Carrion Crow	Corvus corone			√ √					
Northern Raven	Corvus corax	√	,			√			
Crested Tit		V	✓	✓		H	,		
	Lophophanes cristatus		,			П	√ ⊔		
Eurasian Blue Tit	Cyanistes caeruleus		√			11	Н		
Great Tit Woodlark	Parus major Lullula arborea		√			Н	Н		

					April 2025					
Common name	Scientific name	7	8	9	10	11	12	13	14	
Thekla's Lark	Galerida theklae			✓		✓				
Crested Lark	Galerida cristata	✓	✓	✓	✓	✓	✓	✓		
Greater Short-toed Lark	Calandrella brachydactyla					✓				
Calandra Lark	Melanocorypha calandra		✓	✓						
Eurasian Crag Martin	Ptyonoprogne rupestris		√	✓						
Barn Swallow	Hirundo rustica	√	✓	✓	√	✓	✓	√		
Western House Martin	Delichon urbicum	√	√	√	√	√		√		
European Red-rumped Swallow	Cecropis rufula	✓	✓	√	√	✓	✓	✓		
Cetti's Warbler	Cettia cetti	✓	✓	Н	Н		✓			
Western Bonelli's Warbler	Phylloscopus bonelli					✓	Н			
Common Chiffchaff	Phylloscopus collybita					✓				
Iberian Chiffchaff	Phylloscopus ibericus					√		√		
Common Reed Warbler	Acrocephalus scirpaceus				Н					
Zitting Cisticola	Cisticola juncidis	✓	√	√	√	√	√	√		
Eurasian Blackcap	Sylvia atricapilla					√	√			
Sardinian Warbler	Curruca melanocephala	√	√	√	√	√	√	√		
Common Firecrest	Regulus ignicapilla						√			
Eurasian Wren	Troglodytes troglodytes		√			Н	✓	√		
Eurasian Nuthatch	Sitta europaea		•				√	•		
Short-toed Treecreeper	Certhia brachydactyla						√	√		
Spotless Starling	Sturnus unicolor	√	√	√	√	√	√	√		
Mistle Thrush	Turdus viscivorus	•	· ·		√	•	•	•		
Common Blackbird	Turdus merula	√	√	√	\ \ \	√	√	√		
European Robin	Erithacus rubecula	V	· ·	V		V	√	V		
Common Nightingale	Luscinia megarhynchos	√	√	√	√		√	Н		
Black Redstart	Phoenicurus ochruros	V	V	V	V	√	V			
Blue Rock Thrush	Monticola solitarius		√			√		√		
Whinchat	Saxicola rubetra		V			√		V		
European Stonechat	Saxicola rubicola		√	√		√	√	√		
Western Black-eared Wheatear	Oenanthe hispanica		V	√ √		V	V	V		
Spanish Sparrow	Passer hispaniolensis		√	√						
House Sparrow	Passer domesticus	√	√	√	√	√	√	√		
Black-headed Weaver	Ploceus melanocephalus	•	•	•	√	•	•	•		
(Spanish) Yellow Wagtail	Motacilla flava iberiae	√			•	√		√		
Grey Wagtail	Motacilla cinerea	,	Н			•		•		
White Wagtail	Motacilla alba	√	√		√	√	√	√		
Eurasian Chaffinch	Fringilla coelebs	V	· ·		, v	V	√	V		
European Greenfinch	Chloris chloris			√	√	√	√	√		
Common Linnet	Linaria cannabina		√	✓ ✓	√	✓ ✓	✓ ✓	✓ ✓		
European Goldfinch	Carduelis carduelis	√	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓		
European Serin	Serinus serinus	V								
•	Emberiza calandra	,	√ /	√ /	√	√ /	√ /	√ /		
Corn Bunting		√	√	✓	√	✓	✓	✓		
Rock Bunting	Emberiza cia		✓		,					
Ortolan Bunting	Emberiza hortulana				√					
Cirl Bunting	Emberiza cirlus						✓			

Butterflies

					April	2025			
Common name	Scientific name	7	8	9	10	11	12	13	14
Common Swallowtail	Papilio machaon						✓		
Spanish Festoon	Zerynthia rumina			✓				✓	✓
Cleopatra	Gonepteryx cleopatra							✓	
Clouded Yellow	Colias croceus					√			
Black-eyed Blue	Glaucopsyche melanops					√			
Painted Lady	Vanessa cardui					√			
Marsh Fritillary	Euphydryas aurinia						✓		
Small Heath	Coenonympha pamphilus			✓					
Speckled Wood	Pararge aegeria						✓		
Spanish Marbled White	Melanargia ines			√					

Moths

		April 2025								
Common name	Scientific name	7	8	9	10	11	12	13	14	
A moth	Cerocala scapulosa						✓			
Oak Eggar	Lasiocampa quercus						✓			
Crimson Speckled	Utetheisa pulchella									
The Goldwing	Synthymia fixa			√						

Damselflies & dragonflies

		April 2025							
Common name	Scientific name	7	8	9	10	11	12	13	14
Azure Bluet	Coenagrion puella		✓						
Blue-eye	Erythromma lindenii			✓					
Blue Emperor	Anax imperator						✓		

Other insects

					April	2025			
Common name	Scientific name	7	8	9	10	11	12	13	14
a stone grasshopper	Ocnerodes fallaciosus		✓						
Egyptian Grasshopper	Anacridium aegyptium			✓					
a coreid bug	Phyllomorpha laciniata			✓					
Striped Shieldbug	Graphosoma lineatum			✓					
a tenebrionid beetle	Sepidium bidentatum			✓					
an oil beetle	Berberomeloe majalis		√						
a scarab beetle	Ateuchetus (Scarabaeus) cicatricosus					✓			

Other invertebrates

		April 2025								
Common name	Scientific name	7	8	9	10	11	12	13	14	
A centipede	Scolopendra cingulata							✓		
West African Fiddler Crab	Afruca tangeri				✓					

Plants

Scientific name	Common name	Date noted (blank = common)	Notes
Selaginellaceae	Lesser Clubmosses		
Selaginella denticulata	Mediterranean Clubmoss	8	Pulo do Lobo
Marsileaceae	Aquatic Ferns		
Marsilea batardae		9	Nr Castroverde
Pteridaceae	Ribbon-ferns		
Cosentinia vellea	Velvet Fern	8	Pulo do Lobo
Anogramma leptophylla	Jersey Fern	8	Pulo do Lobo
Dennstaedtiaceae	Brackens		
Pteridium aquilinum	Common Bracken	12	Dog Valley
Pinaceae	Pine Family		
Pinus pinaster	Maritime Pine	11	
Pinus halepensis	Aleppo Pine		
Pinus pinea	Stone Pine		
Araucariaceae	Araucarians		
Araucaria heterophylla	Norfolk Island Pine - I		Cultivated
Cupressaceae	Cypress Family		
Cupressus sempervirens	Italian Cypress		
Hesperocyparis lusitanica	Mexican Cypress - I	12	Cultivated
Juniperus turbinata	Coastal Juniper	11	Califyatea
Aristolochiaceae	Birthworts		
Aristolochia baetica	Baetic Birthwort	8,14	Pulo do Lobo
Aristolochia paucinervis	Few-veined Birthwort	9	Castroverde area
Lauraceae	Laurel Family	9	Castroverue area
	-	7 11	Cultivated
Persea americana	Common Avocado - I	7, 14	Cultivated
Araceae	Arum Family	40	I
Arisarum simorrhinum	Monkey-snout	10	Leaves only
Arum italicum	Italian Lords-and-ladies		
Alismataceae	Water-plantain Family	0	
Alisma plantago-aquatica	Common Water-plantain	9	
Zosteraceae	Eelgrass Family	4.4	<u> </u>
Zostera noltii	Dwarf Eelgrass	14	Estuaries
Dioscoreaceae	Yam Family		
Dioscorea communis	Black Bryony		Dog valley
Smilacaceae	Greenbriers		
Smilax aspera	Common Smilax		
Orchidaceae	Orchids		
Gennaria diphylla	Mediterranean Gennaria	11	Sagres Fort
Ophrys fusca	Sombre Bee Orchid	11	Sagres Fort
Ophrys lutea	Yellow Bee Orchid	13	Boca do Rio
Ophrys speculum	Mirror Orchid		
Ophrys bombyliflora	Bumblebee Orchid	13,14	
Ophrys apifera	Common Bee Orchid		
Serapias parviflora	Small-flowered Tongue Orchid		
Serapias cordigera	Heart-flowered Tongue Orchid	12	Dog valley
Serapias lingua	Common Tongue Orchid	8	
Serapias strictiflora		12	[Now included in S. lingua]
Anacamptis pyramidalis	Pyramidal Orchid	12,13	
Anacamptis morio	Green-winged Orchid	12	Aljezur area
Orchis italica	Naked Man Orchid	13	Boca do Rio
Epipactis helleborine subsp. tremolsii		12	Formerly Epipactis hispanica
Cephalanthera longifolia	Narrow-leaved Helleborine	12	Dog valley
Iridaceae	Iris Family		

Scientific name	Common name	Date noted (blank = common)	Notes
Watsonia meriana var. bulbillifera		12	Aljezur area
Gladiolus illyricus	Illyrian Gladiolus		Common
Gladiolus italicus	Field Gladiolus	13	Boca do Rio
Romulea bulbocodium		11	
Iris pseudacorus	Yellow Iris	12	Aljezur area
Iris florentina	White Iris	14	Ria Formosa
Iris xiphium	Spanish Iris	14	Ria Formosa
Moraea sisyrinchium	Barbary Nut		
Asphodelaceae	Asphodel Family		
Asphodelus fistulosus	Hollow-stemmed Asphodel		
Asphodelus ramosus	Branched Asphodel		
Aloe maculata	Spotted Aloe - I		
Aloe vera	Aloe Vera - I		Cultivated
Amaryllidaceae	Amaryllis Family		
Allium roseum	Rosy Garlic	9	Castroverde area
Allium neapolitanum	Neapolitan Garlic	9	Castroverde area
Allium ampeloprasum	Wild Leek	11	Cape St Vincent
Tulbaghia violacea	Society Garlic - I	10	Quinta do Lago
Acis trichophylla	Hair-leaved Snowflake	10,12.14	Coastal sands
Pancratium maritimum	Common Sea Daffodil	7	Tavira
Asparagaceae	Asparagus Family	,	
Asparagus albus	White-stemmed Asparagus		
Asparagus acutifolius	Sharp-leaved Asparagus	10	
Asparagus aphyllus	Leafless Asparagus	11	
Yucca gigantea	Giant Yucca - I		Cultivated
Agave americana	Centuryplant - I		Cultivated
Dipcadi serotinum	European Brownbell		
Ornithogalum narbonense	Narbonne star-of-Bethlehem	13	Boca do Rio
Ornithogalum baeticum	Transoning star of Boundhorn	9	Bood do Filo
Drimia maritima	Western Sea Squill		
Hyacinthoides mauritanica	Maghreb Bluebell	11,12	
Muscari comosum	Tassel Hyacinth	11,12	
Bellevalia dubia subsp. hackelii	Common Bellevalia	11,12	
Scilla monophyllos	One-leaved Squill	11,12	
Arecaceae	Palms	,	
Washingtonia filifera	Californian Fan Palm - I		Cultivated
Chamaerops humilis	Dawrf Fan Palm		
Phoenix canariensis	Canary Islands Date Palm - I		Cultivated
Cyperaceae	Sedge Family		
Bolboschoenus maritimus	Sea Club-rush	10	
Scirpoides holoschoenus	Round-headed Club-rush	7	
Cyperus alternifolius	Umbrella Flat-sedge - I	10	Quinta do Lago
Cyperus capitatus	Capitate Galingale	10	Coastal sands
Juncaceae	Rushes	1.5	
Juncus maritimus	Sea Rush	14	Estuaries
Juncus acutus	Sharp Rush	7	
Poaceae	Grasses		
Celtica gigantea	Giant Needle-grass	11,12, 14	
Oloptum miliaceum	Smilo-grass	· · , · - , · ·	
Stipellula capensis	Mediterranean Needle-grass		
Brachypodium sylvaticum	Common False-brome	12	
Phalaris coerulescens	Bluish Canary-grass	9	Castroverde area
Avena barbata	Slender Oat		2.2

Scientific name	Common name	Date noted (blank = `	Notes
		common)	
Avena sterilis	Winter Oat	8	
Arrhenatherum album		9	
Lagurus ovatus	Hare's-tail Grass		
Rostraria cristata	Mediterranean Hair-grass		
Briza maxima	Greater Quaking-grass		
Calamagrostis arenaria	European Marram		Coastal sands
Polypogon viridis	Water Bent	13	Sagres
Helictochloa marginata		11	
Lolium perenne	Perennial Rye-grass		
Dactylis glomerata	Common Cock's-foot	8	
Lamarckia aurea	Golden Dog's-tail	7	Tavira
Cynosurus echinatus	Rough Dog's-tail		
Bromus diandrus	Great Brome		
Bromus sterilis	Barren Brome		
Bromus madritensis	Compact Brome	8	
Bromus hordeaceus	Common Soft Brome		
Hordeum murinum	Wall Barley		
Aegilops geniculata	Ovate Goat-grass		
Cenchrus alopecuroides	Foxtail Fountain-grass - I		
Arundo donax	Giant Reed		
Phragmites australis	Common Reed		
Cortaderia selloana	Uruguayan Pampas-grass - I	12	
Sporobolus maritimus	Small Cord-grass	14	Estuaries
Cynodon dactylon	Common Bermuda-grass	14	Lotatiles
Papaveraceae	Poppy Family	17	
Ceratocapnos heterocarpa	горру ганшу	8	Pulo do Lobo
Fumaria agraria	Field Fumitory	O	Full do Lobo
Fumaria agrana Fumaria sepium	riela rumilory	12	
Fumaria sepium Fumaria muralis	Common Romning fumitory	9	
	Common Ramping-fumitory Common Poppy	9	
Papaver rhoeas	117	11	
Papaver somniferum Ranunculaceae	Opium Poppy	11	
	Buttercup Family	0	
Ranunculus sceleratus	Celery-leaved Buttercup	9	
Ranunculus peltatus	Pond Water-crowfoot	9	
Saxifragaceae	Saxifrage Family	•	
Saxifraga granulata	Meadow Saxifrage	9	
Crassulaceae	Stonecrop Family		
Crassula tillaea	Mossy Stonecrop		
Umbilicus rupestris	Common Navelwort		
Petrosedum sediforme	Pale Stonecrop		
Sedum rubens	Red Stonecrop	10	Mertola hotel
Sedum andegavense		8	Pulo do Lobo
Geraniaceae	Crane's-bill Family		
Geranium rotundifolium	Round-leaved Crane's-bill		
Geranium molle	Dove's-foot Cran'es-bill		
Geranium dissectum	Cut-leaved Crane's-bill		
Geranium robertianum	Common Herb Robert		
Geranium purpureum	Little Robin		
Erodium malacoides	Mallow-leaved Stork's-bill		
Erodium botrys	Mediterranean Stork's-bill	8	Pulo do Lobo
Erodium cicutarium	Common Stork's-bill		
Erodium moschatum	Musk Stork's-bill		
Myrtaceae	Myrtle Family		
Eucalyptus camaldulensis	River Red Gum - I		
Eucalyptus globulus	Southern Blue Gum - I	9	Castroverde area

I=introduced			
Scientific name	Common name	Date noted (blank = common)	Notes
Eucalyptus robusta	Swamp Mahogany - I	9	Castroverde area
Eucalyptus sideroxylon	Red Iron Bark - I	9	Castroverde area
Myrtus communis	Common Myrtle		
Polygalaceae	Milkworts		
Polygala monspeliaca	Mediterranean Milkwort		
Polygala vulgaris	Common Milkwort	11	Sagres Fort
Fabaceae	Pea Family		
Cercis siliquatrum	Judas Tree		
Ceratonia siliqua	Carob		
Acacia dealbata	Silver Wattle - I	8	Pulo do Lobo
Acacia pycnantha	Golden Wattle - I	12	Aljezur area
Acacia saligna	Blue-leaved Wattle - I		
Lupinus luteus	Annual Yellow Lupin		
Lupinus angustifolius	Narrow-leaved Lupin	9	
Lupinus gussoneanus	Bitter Blue Lupin	12,14	
Lupinus cosentinii		14	Ria Formosa
Cytisus scoparius	Common Broom		
Genista hirsuta	Downy Gorse		
Genista tridentata	•	12	Dog valley
Genista triacanthos		12	Dog valley
Retama monosperma	White Retam		
Spartium junceum	Spanish Broom		
Stauracanthus genistoides	·	11	
Stauracanthus spectabilis		11	
Ulex minor	Dwarf Gorse	12	Dog valley
Ulex argenteus	Silver Gorse	12	
Ulex erinaceus		11	
Bituminaria bituminosa	Pitch Trefoil		
Coronilla valentina subsp.			
glauca '	Shrubby Scorpion-vetch		
Coronilla repanda			
Scorpiurus muricatus	Caterpillar-plant	8	
Scorpiurus vermiculatus		11	
Scorpiurus sulcatus			
Hippocrepis multisiliquosa	Many-flowered Horseshoe Vetch		
Anthyllis vulneraria subsp.			
maura			
Anthyllis lotoides	Small Kidney-vetch		
Lotus hirsutus	Canary Clover		
Lotus rectus	Greater Badassi	12	Aljezur area
Lotus conimbricensis	Pink Bird's-foot-trefoil		
Lotus creticus	Cretan Bird's-foot-trefoil		Coastal sands
Lotus ornithopodioides	Southern Bird's-foot-trefoil	7,14	
Tripodion tetraphyllum	Bladder Vetch		
Ornithopus compressus	Yellow Serradella		
Ornithopus sativus	Pink Serradella	11	
Ornithopus pinnatus	Orange Bird's-foot	11,14	
Robinia pseudoacacia	Black Locust - I		Cultivated
Astragalus boeticus			
Erophaca baetica subsp. baetica	Shrubby Milk-vetch		
Onobrychis humilis	Spreading Sainfoin	8	bustard spot
Trifolium repens	White Clover		
Trifolium resupinatum	Reversed Clover		
Trifolium tomentosum	Woolly Clover		

I=introduced			
Scientific name	Common name	Date noted (blank = common)	Notes
Trifolium campestre	Hop Trefoil		
Trifolium arvense	Hare's-foot Clover		
Trifolium scabrum	Rough Clover		
Trifolium stellatum	Starry Clover		
Trifolium cherleri	Cherler's Clover	11,14	
Trifolium angustifolium	Narrow-leaved Clover	12	Picnic spot
Vicia villosa subsp. varia	Hairy Vetch	8	[Vicia dasycarpa]
Vicia villosa subsp. ambigua	Hairy Vetch	8,14	[Vicia pseudocracca]
Vicia benghalensis	Purple Vetch		,
Vicia tetrasperma	Smooth Tare	13	
Vicia sativa	Common Vetch		[subspp. sativa and segetalis]
Vicia lutea	Yellow Vetch		
Lathyrus tingitanus	Tangier Pea	12	Dog valley
Lathyrus angulatus	Angular Pea		3 2 2
Lathyrus cicera	Red Vetchling	9	
Lathyrus clymenum	Crimson Pea	8	Pulo do Lobo
Lathyrus ochrus	Winged Vetchling	11,13	. 310 40 2000
Ononis ramosissima	Many-branched Restharrow	11,10	Host for Orobanche foetida
Melilotus indicus	Small Melilot	14	Ria Formosa
Medicago marina	Sea Medick	11	Tita i omioca
Medicago littoralis	Shore Medick	11	
Medicago arabica	Spotted Medick	13	
Medicago polymorpha	Toothed Medick	13	
Fagaceae	Beech Family		
Quercus coccifera	Kermes Oak		
Quercus rotundifolia	Round-leaved Oak		
Quercus roturidilolla Quercus suber	Cork Oak		
Casuarinaceae	She-oaks		
Casuarina equisetifolia	Coastal She-oak - I	7	Tavira
Rosaceae	Rose Family	, , , , , , , , , , , , , , , , , , ,	Tavila
Rubus ulmifolius	Elm-leaved Bramble	12	Dog valley
	Lilli-leaved Diallible	12	
Sanguisorba korrugasa	Warty Burnet	12	Dog valley
Sanguisorba verrucosa Rosa canina agg.	Dog Rose	13	Boca do Rio
	Almond	13	Boca do Rio
Prunus amygdalus	Common Hawthorn	12	Description
Crataegus monogyna		IZ	Dog valley
Cydonia oblonga Eriobotrya japonica	Common Quince - I		Cultivated
	Loquat - I Iberian Pear	8	Cultivated
Pyrus bourgaeana		0	
Rhamnaceae	Buckthorns		
Rhamnus alaternus	Mediterranean Buckthorn		
Cannabaceae	Hemp Family		Cultivated
Celtis australis	Southern Nettle Tree		Cultivated
Moraceae	Mulberry Family		
Ficus carica	Common Fig		
Urticaceae	Nettle Family		
Parietaria judaica	Pellitory-of-the-wall		
Urtica membranacea	Membranous Nettle		
Cucurbitaceae	Cucumber Family		
Ecballium elaterium	Squirting Cucumber		
Bryonia cretica subsp. dioica	White Bryony		
A managed in a con-	Sumac Family		
Anacardiaceae Pistacia lentiscus	Lentisc		

=introduced Scientific name	Common name	Date noted (blank = common)	Notes
Melia azedarach	Indian Bead-tree - I	Commony	Cultivated
Rutaceae	Rue Family		Cultivated
Ruta angustifolia	Narrow-leaved Rue	13	Boca do Rio
<u> </u>		11	Boca do Rio
Ruta chalepensis Citrus x aurantium	Fringed Rue Cultivated Orange - I	II	Cultivated
Citrus x auranuum Citrus x limon	Cultivated Orange - I		
***************************************			Cultivated
Cytinaceae	Cytinus Family		<u> </u>
Cytinus hypocistis	Yellow Cytinus		Praia de Amoreira
Thymelaeaceae	Daphne Family		
Daphne gnidium	Narrow-leaved Mezereon		
Malvaceae	Mallow Family		
Brachychiton populneus	Kurrajong Bottle Tree - I	9	Castroverde area
Malva hispanica	Spanish Mallow	11	
Malva sylvestris	Common Mallow		
Malva mutliflora	Smaller Tree Mallow		
Malva arborea	Tree Mallow	11	Cape St Vincent
Cistaceae	Rock-rose Family		
Helianthemum origanifolium	Oregano-leaved Rock-rose	11	Cape St Vincent
Tuberaria guttata	Spotted Rock-rose	,,	- spo
Cistus albidus	Grey-leaved Rock-rose		
Cistus crispus	Curled-leaved Rock-rose		
Cistus monspeliensis	Narrow-leaved Rock-rose		
· · · · · · · · · · · · · · · · · · ·		10	Degradler
Cistus psilosepalus	Broad-sepaled Rock-rose	12	Dog valley
Cistus salviifolius	Sage-leaved Rock-rose		
Cistus populifolius	Poplar-leaved Rock-rose	12	Dog valley
Cistus ladanifer	Gum Rock-rose		
Cistus ladanifer subsp. sulcatus			Cape St Vincent
Cistus halimifolius	Silver-leaved Rock-rose	12	Praia de Amoreira
Cistus calycinus		11	Cape St Vincent
Brassicaceae	Cabbage Family		
Lepidium coronopus	Common Swine-cress	12	Aljezur area
Lepidium didymum	Lesser Swine-cress		
Marcus-kochia littorea	Sand Stock		
Marcus-kochia triloba	Sand Stock	10	Quinta do Lago
Biscutella sempervirens	Cape St Vincent Buckler-mustard		gamia ao zago
subsp. vicentina	·		
beris procumbens	Procumbent Candytuft	11	Sagres Fort
Lobularia maritima	Sweet Alison	12	
Cakile maritima	Sea Rocket	14	
Sinapis alba	White Mustard		
Hirschfeldia incana	Hoary Mustard	13	
Rapistrum rugosum	Bastard Cabbage		
Raphanus raphanistrum	Wild Radish		
Sisymbrium officinale	Hedge Mustard		
Resedaceae	Mignonettes		
Sesamoides purpurascens	-9	12	Praia de Amoreira
Reseda lutea	Common Mignonette		
Reseda luteola	Weld		
Reseda iuleola Oxalidaceae			
	Wood-sorrel Family		
Oxalis pes-caprae	Cape Sorrel		
Phyllanthaceae	Stone-breaker Family		Dod- d- L
Flueggea tinctoria Violaceae	Tamujo	8	Pulo do Lobo
	Violet Family		

Scientific name	Common name	Date noted (blank = common)	Notes
Salicaceae	Willow Family	Common	
Salix alba	White Willow	12	Aljezur area
		13	-
Populus x canescens	Grey Poplar - I		Quinta da Rocha
Populus nigra	Black Poplar	13	Quinta da Rocha
Populus x canadensis	Hybrid Black Poplar - I	13	Quinta da Rocha
Linaceae	Flax Family		
Linum bienne	Pale Flax		
Linum strictum	Upright Yellow Flax	14	Ria Formosa
Euphorbiaceae	Spurge Family		
Mercurialis annua	Annual Mercury		Mertola
Ricinus communis	Castor-oil Plant - I		
Euphorbia paniculata subsp. monchiquensis	Paniculate Spurge		Dog Valley
Euphorbia helioscopia	Sun Spurge		
Euphorbia exigua	Dwarf Spurge	10	
Euphorbia peplus	Petty Spurge		
Euphorbia segetalis	Corn Spurge	13	Boca do Rio
Euphorbia portlandica	Portland Spurge	11	Cape St Vincent
Euphorbia boetica		12	Praia de Amoreira
Euphorbia terracina	False Caper	7	Tavira
Santalaceae	Sandalwood Family		
Osyris alba	Common Osyris		
Osyris lanceolata	Iberian Osyris	11,12	Cape St Vincent
Frankeniaceae	Sea-heaths		
Frankenia laevis	Common Sea-heath		Tavira
Tamaricaceae	Tamarisks		
Tamarix africana	African Tamarisk	13	
Plumbaginaceae	Leadwort Family	-	
Myriolimon diffusum		12	Praia de Amoreira
Armeria pungens		10, 11	. ,
Armeria macrophylla	Large-leaved Thrift	11	
Limoniastrum monopetalum	Common Limoniastrum	7,14	
Polygonaceae	Knotgrass Family	.,	
Rumex induratus		9	
Rumex thyrsoides			
Rumex bucephalophorus	Horned Dock		
Rumex spinosus	Spiny Emex	10	Quinta do Lago
Caryophyllaceae	Campion Family	10	Santa do Lago
Corrigiola litoralis	Common Strapwort	8	bustard spot
Paronychia argentea	Silvery Nailwort	J	Sadiara Spot
Polycarpon tetraphyllum	Four-leaved Allseed		Sagres
Spergularia marina	Lesser Sea-spurrey	7	Jayres
Spergularia manna Spergularia purpurea	Purple Sand Spurrey	<i>'</i>	hustard enot
			bustard spot
Spergula arvensis	Corn Spurrey	0	Dulo do Laba
Petrorhagia nanteuilii	Childing Pink	8	Pulo do Lobo
Silene scabriflora	Consult flavorers of Control of	11	Cape St Vincent
Silene gallica	Small-flowered Catchfly		
Silene colorata	Mediterranean Catchfly		
Silene gracilis	Slender Catchfly	10	Quinta do Lago
Cerastium fontanum	Common Mouse-ear		
Cerastium glomeratum	Sticky Mouse-ear		
Amaranthaceae	Amaranth Family		
Beta vulgaris	Common Beet		
Chenopodiastrum murale	Nettle-leaved Goosefoot		
Atriplex halimus	Shrubby Orache		

Scientific name	Common name	Date noted (blank = common)	Notes
Atriplex portulacoides	Common Sea-purslane	10	Quinta do Lago
Arthrocaulon macrostachyum	Glaucous Glasswort		Estuaries
Suaeda vera	Shrubby Sea-blite		Estuaries
Caroxylon vermiculatum	Vermiculate Saltwort		Estuaries
Aizoaceae	Iceplants		LStuaries
Drosanthemum floribundum	Pale Dewplant	12	Sagres
Carpobrotus edulis	Hottentot-fig	12	Sagres
Carpobrotus edulis Carpobrotus acinaciformis	Sally-my-handsome	12	Praia de Amoreira
Carpobrolus acinaciionnis Cactaceae	Cactus Family	12	Fraia de Amoreira
Austrocylindropuntia cylindrica	Cactus Family		Cultivated
	Dillon's Priokly poor	7	
Opuntia dillenii	Dillen's Prickly-pear - I		Tavira
Opuntia maxima	Large Prickly-pear - I	7,14	
Primulaceae	Primrose Family		
Lysimachia arvensis	Scarlet Pimpernel	44.40	
Lysimachia monelli	Shrubby Pimpernel	11,12	
Ericaceae	Heath Family		
Arbutus unedo	Mediterranean Strawberry Tree		Dog Valley
Erica arborea	Tree Heath	12	Dog Valley
Erica australis	Spanish Heath	8, 13	
Erica umbellata	Dwarf Spanish Heath	14	Ria Formosa
Corema album	White-berried Corema	11,12	
Campanulaceae	Bellflower Family		
Jasione montana	Common Sheep's-bit		
Campanula lusitanica	Lusitanian Bellflower	9	Castroverde area
Campanula erinus	Fairy Bellflower	9	Castroverde area
Asteraceae	Daisy Family		
Galactites tomentosus	Purple Milk-thistle		
Cynara algarbiensis	Algarve Cardoon	8, 9,11	
Cynara humilis	Spiny Cardoon	5, 5, 11	
Cynara cardunculus	Cardoon		
Silybum marianum	Milk Thistle		
Carduus tenuiflorus	Slender Thistle		
Centaurea ornata	Ornate Knapweed	8	Pulo do Lobo
Centaurea omata Centaurea calcitrapa	Red Star-thistle	U	I GIO GO LODO
Centaurea calciirapa Centaurea polyacantha	างอน อเลา-แทงแซ	11	
		10	Fuel step
Centaurea pullata	Evergroon Vacania d		Fuel stop
Cheirolophus sempervirens	Evergreen Knapweed	13	Boca do Rio
Arctotheca calendula	Plain Treasureflower	10	
Gazania rigens	Treasureflower	12	
Geropogon hybridus	Slender Salsify	13	
Scolymus hispanicus	Golden Thistle	12	
Reichardia gaditana	Cadiz Reichardia	11	
Reichardia intermedia	Intermediate Reichardia	12	Dog Valley
Sonchus tenerrimus	Slender Sow-thistle		
Sonchus oleraceus	Smooth Sow-thistle		
Sonchus bulbosus	Tuberous Hawk's-beard	11	
Jrospermum picroides	Prickly Goldenfleece		
Helminthotheca spinosa	Spiny Oxtongue	13	Boca do Rio
Hedypnois rhagadioloides	Scaly Hawkbit	9	
Hedypnois arenaria	Sand Hawkbit	7	Tavira
Leontodon tuberosus	Tuberous Hawkbit	11	
Crepis capillaris	Smooth Hawk's-beard		
Crepis vesicaria	Beaked Hawk's-beard		
Andryala integrifolia	Common Andryala		
Tolpis barbata	Bearded Tolpis		

Scientific name	Common name	Date noted (blank =	Notes
0.1.11. "."		common)	
Calendula suffruticosa			
Calendula arvensis	Field Marigold	10	
Senecio gallicus	French Groundsel	12	Praia de Amoreira
Senecio lividus	Southern Groundsel	11	Sagres Fort
Senecio vulgaris	Common Groundsel	10	
Cotula australis	Annual Buttonweed - I		Mertola, Sagres
Cotula coronopifolia	Yellow Buttonweed - I	10	Wetlands
Anacyclus radiatus	Yellow Anacyclus	10	
Anthemis maritima	Beach Chamomile	10	
Tripleurospermum maritimum	Sea Mayweed	10	
Glossopappus macrotus		10	Fuel stop
Cladanthus mixtus	Mediterranean Chamomile	8, 14	
Glebionis segetum	Corn Marigold	9	Castroverde area
Glebionis coronaria	Crown Daisy		
Bellis annua	Annual Daisy		
Phagnalon rupestre	Western Phagnalon	11	
Phagnalon saxatile	Rock Phagnalon		
Helichrysum stoechas	Scentless Curry-plant	,-	
Helichrysum italicum	Common Curry-plant	12	
Pseudognaphalium luteoalbum	Jersey Cudweed	9	
Logfia gallica	Narrow-leaved Cudweed		
Filago pygmaea	Pygmy Cudweed	9	
Filago lusitanica		11	Sagres Fort
Dittrichia viscosa subsp. viscosa	Woody Fleabane		
Dittrichia viscosa subsp. revoluta	Woody Fleabane		
Pallenis spinosa	Spiny Pallenis		
Pallenis maritima	Yellow Sea Aster	11	Cape St Vincent
Viburnaceae	Viburnum Family		
Viburnum tinus	Laurustinus	14	Ria Formosa
Caprifoliaceae	Honeysuckle Family		
Lonicera implexa	Mediterranean Honeysuckle	13	Boca do Rio
Valeriana cornucopiae	Horn-of-plenty		
Valeriana calcitrapae	Annual Valerian	13	
Valeriana tuberosa	Tuberous Valerian	13	Boca do Rio
Scabiosa atropurpurea	Sweet Scabious	11	
Pycnocomon rutifolium	Rue-leaved Scabious	10	Quinta do Lago
Dipsacus comosus		14	
Apiaceae	Umbellifers		
Eryngium maritimum	Sea-holly	10	
Eryngium dilatatum		11	
Eryngium campestre	Field Eryngo		
Bupleurum fruticosum	Shrubby Hare's-ear	13	Boca do Rio
Oenanthe crocata	Hemlock Water-dropwort		Wetlands
Smyrnium olusatrum	Common Alexanders		
Scandix pecten-veneris	Common Shepherd's-needle		
Daucus carota subsp. halophilus	Common Carrot	11	Cape St Vincent
Thapsia villosa	Villose Poison-carrot		
Thapsia transtagana	Alentejo Poison-carrot		
Thapsia foetida (Elaeoselinum)	Foetid Poison-carrot	8,13	
Foeniculum vulgare Cachrys sicula	Common Fennel	13	

I=introduced			
Scientific name	Common name	Date noted (blank = common)	Notes
Convolvulus althaeoides	Mallow-leaved Bindweed		
lpomoea indica	Indian Morning-glory - I	10	Quinta do Lago
Solanaceae	Nightshade Family		
Hyoscyamus albus	White Henbane	9	Mertola
Solanum linnaeanum	Apple-of-Sodom Nightshade	11	Picnic spot
Boraginaceae	Borage Family		
Cerinthe major	Greater Honeywort	11	Cape St Vincent
Neatostema apulum	Yellow Gromwell	11	Picnic spot
Glandora prostrata	Prostrate Gromwell	12	Praia de Amoreira
Echium plantagineum	Purple Viper's-bugloss		
Anchusa undulata	Undulate Alkanet		
Anchusa calcarea		12	Praia de Amoreira
Anchusa azurea	Large Blue Alkanet	7,13	
Borago officinalis	Common Borage		
Iberodes linifolia		9	Castroverde area
Myosotis discolor	Changing Forget-me-not		Pulo do Lobo road
Cynoglossum creticum	Blue Hound's-tongue	13	
Rubiaceae	Bedstraw Family		
Rubia peregrina	Common Madder	10	Quinta do Lago
Crucianella maritima	Coastal Crucianella	10	Quinta do Lago
Sherardia arvensis	Field Madder		
Valantia muralis	Wall Crosswort	11	
Galium verrucosum	Warty Cleavers	9	
Galium murale	Yellow Wall Bedstraw		
Gentianaceae	Gentian Family		
Blackstonia perfoliata	Yellow-wort		
Centaurium erythraea subsp. grandiflorum	Common Centaury	14	
Centaurium maritimum	Yellow Centaury	8,11	
Apocynaceae	Periwinkle Family		
Vinca major	Greater Periwinkle		Aljezur area
Nerium oleander	Oleander		
Oleaceae	Olive Family		
Fraxinus angustifolia	Narrow-leaved Ash		
Olea europaea	Common Olive		
Phillyrea angustifolia	Narrow-leaved Mock Privet		
Phillyrea latifolia	Broad-leaved Mock Privet		
Plantaginaceae	Plantain Family		
Anarrhinum bellidifolium	Daisy-leaved Toadflax	8	Mertola
Cymbalaria muralis	Common Ivy-leaved Toadflax	8	Mertola
Misopates orontium	Weasel's-snout		
Antirrhinum cirrhigerum	Scrambling Snapdragon	11,12	Cape St Vincent
Linaria spartea		12	Praia de Amoreira
Linaria algarviana	Algarve Toadflax	11	Picnic spot
Plantago coronopus	Buck's-horn Plantain		
Plantago serraria	Toothed Plantain	11,13	
Plantago lanceolata	Ribwort Plantain		
Plantago lagopus	Hare's-foot Plantain		
Plantago bellardii	Bellard's Plantain	11	Picnic spot
Plantago afra	Glandular Plantain	9	
Scrophulariaceae	Figwort Family		
Myoporum laetum	Ngaio - I	14	Ria Formosa
Scrophularia frutescens		13	Boca do Rio
Verbenaceae	Vervain Family		
Lantana camara	Common Lantana - I		

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Bignoniaceae	Bignonia Family		
Jacaranda mimosifolia	Common Jacaranda - I		cultivated
Lamiaceae	Dead-nettle Family		
Salvia rosmarinus	Common Rosemary		
Salvia verbenaca	Wild Clary		
Lavandula stoechas	French Lavender		
Micromeria graeca	Greek Micromint	8	
Mentha suaveolens	Round-leaved Mint		
Thymbra capitata	Conehead Thyme	13	
Thymus camphoratus	Camphor Thyme	11	Cape St Vincent
Teucrium vincentinum	St. Vincent Felty Germander	11	Cape St Vincent
Stachys arvensis	Field Woundwort		
Prasium majus	Prasium		
Phlomis purpurea	Purple Phlomis	11,13	
Orobanchaceae	Broomrape Family		
Cistanche phelypaea	Yellow Desert Broomrape		Estuaries
Orobanche mutelii	Mutel's Broomrape		[split from O. ramosa]
Orobanche minor	Common Broomrape		
Orobanche foetida		12,13	
Bellardia trixago	Trixago Bartsia		
Parentucellia viscosa	Yellow Bartsia	14	