# WILDLIFE TRAVEL







#	DATE	LOCATIONS & NOTES
1	24 <sup>h</sup> March	Arrival, transfer to Tavira
2	25 <sup>th</sup> March	Barrocal. Sao Bras de Alportel. Fonte de Benemola. Rocha de Pena
3	26 <sup>th</sup> March	East Algarve. Tavira & Castro Marim
4	27 <sup>th</sup> March	West Algarve. Pera Marshes. Sagres. Drive Monchice to Alentejo
5	28 <sup>th</sup> March	Baixo Alentejo. Sta Clara a Velha
6	29 <sup>th</sup> March	Alentejo Plains. Castro Verde. Pulo de Lobo.
7	30 <sup>th</sup> March	Alentejo Plains. Castro Verde. Pulo de Lobo.
8	31 <sup>st</sup> March	Travel back to Faro. Quinta do Lago, Ria Formosa Natural Park. Airport

#### LIST OF TRAVELLERS

#### Leader & Guides

Philip Precey

Georg Schreier Frank McLintock

**25<sup>th</sup> March. The Barrocal.** Our first morning in Portugal, and after meeting Georg, our local guide for our days on the Algarve, we headed inland to the rolling limestone hills of the Barrocal for a day of botanising...

Our first stop was the Roman road at Sao Bras de Alportel, where in the rocky fields we found our first orchids: the lovely Iberian Mirror Orchid *Ophrys ciliata,* one of the woodcock orchids *Ophrys picta* and the big, pink *Orchis italica,* also known as the Naked Man Orchid, for self-explanatory reasons... Overhead, a Short-toed Eagle reminded us to not forget about the birds.

Our lunchtime walk, at Fonte de Benemola was something of an orchid spectacular. In all we found ten species here: in addition to the three already mentioned, we also had the Yellow Bee Orchid *Ophrys lutea,* the Bumblebee Orchid *Ophrys bombyliflora,* the just-going-over flowers of Dull Bee Orchid *Ophrys fusca* with the v-shaped groove in the throat, the white flowers of Sword-leaved Helleborine *Cephalanthera longifolia,* the unassuming Man Orchid *Orchis anthropophorum* and the leaves only of another helleborine *Epipactis sp.* Best of all, though, was a very strong population of the locally endemic Lusitanian Mirror Orchid *Ophrys vernixia,* with the yellow fringe of hairs and longer, droopy 'arms'.

Today was an excellent butterfly day, with Swallowtail, Spanish Swallowtail (the local version of Scarce Swallowtail), Spanish Festoon, Green Hairstreak and the lovely Cleopatra all giving excellent close-up views.

Our final stop was at Rocha de Pena, where we found a lovely patch of the peony *Paeonia broteroi* and the Elderleaved Figwort *Scrophularia sambucifolia*. From the top of the rock itself, a male Blue Rock Thrush and his mate were flycatching, while an adult Bonelli's Eagle also gave most of the group a close fly-past.

**26<sup>th</sup> March. Tavira and Castro Marim.** A bird today, we started on the beach, salt pans and wetlands around the hotel and the approach road. Here we found a good variety of waders, including side-by-side views of Greenshank, Redshank and Spotted Redshank, as well as plenty of Black-winged Stilts and Avocets and a fly-past Stone Curlew. We had good views of Greater Flamingo, Spoonbill and Little Egret, and also a small group of lovely Slender-billed Gulls, looking smart in their pinky breeding colours.

At Castro Marim, the pools behind the visitor centre had a mixed group of Red-crested and Common Pochards, together with Shoveler, Gadwall and a couple of Little Grebes. A small herd of cattle were joined, of course, by Cattle Egrets.

Overhead, a big mixed group of hirundines was mostly House Martins, with smaller numbers of Barn Swallow and a couple each of Common Swift and Red-rumped Swallow. Out on the salt marsh itself, we could hear Spectacled Warblers singing but, frustratingly, they never stayed on their song perches long enough to get a good view: a bit too windy for them, and also for the local special larks... but missing them was made up for by two lovely Collared Pratincoles that put on quite a show of swooping up amongst the martins.

Finally, we moved back to Tavira, where the pools on the opposite side of the river to the hotel gave us wonderful close up views of the flamingos, mostly non-breeding and immature birds but including a handful of very brightly coloured adults, ready to head back to Spain and their nesting colonies.

**27<sup>th</sup> March. Western Algarve.** A travelling day... After a slightly delayed departure, our first port of call was the lake at Pera Marshes, where we enjoyed great views of yet more flamingos, a couple of Caspian Terns amongst the roosting gulls, plenty of waders including a small group of Curlew Sandpipers and a dark morph Booted Eagle soaring over the nearby hillside. Around our feet we found the lovely little endemic toadflax *Linaria algarviensis*.

Lunch was had at the Fortaleza de Sagres, where fisherman perched perilously on the cliff tops as a male Peregrine soared overhead. Near our lunch spot we found the remains of a Hoopoe, obviously a Peregrine snack! More lively were the Black Redstart, Blue Rock Thrush, Ring Ouzel, Chough and Thekla Lark, all of which appeared.

We also stopped briefly at the nearby Cabo do Sao Vicente, the south-western-most point in mainland Europe.

Endemic plants of this rocky coastline include the very sticky *Cistus palinhae,* the spiny cushions of *Astragalus tragacanthus* ssp *vicentina* and the climbing snapdragon *Antirrhinum majus* ssp *cirrhigerum.* 

From here, we drove up the Atlantic coast and then across the Monchique mountains (along some very windy roads!), finally reaching our destination, the lovely Quinta do Barranco da Estrada early in the evening...

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**28<sup>th</sup> March. Baixo Alentejo.** After our long day yesterday, today was much more gentle, with a leisurely breakfast followed by a lovely walk through the nearby countryside. We also had time in the afternoon to explore the little village of Santa Clara a Velha, with its typically white and blue houses, and enjoy the antics on the local ford...

Wildlife highlights of the day were the wonderful Cork Oak woodland, including a simply massive tree, one of the oldest Cork Oaks in Portugal, at the base of which was growing the lovely *Aristolochia longa*. We heard Nightingales, Cetti's Warblers and Western Subalpine Warblers singing, had Bee-eaters overhead, singles of Bonelli's, Booted and Short-toed Eagles soaring overhead, and a lovely little Iberian Three-toed Skink under a piece of board: at last, all that turning over of rocks paid off!

Near our picnic spot we found a large flock of Common Waxbills in the reeds and willows, a pair of Grey Wagtails around the stream and a big party of Azure-winged Magpies moving through the trees.

**29<sup>th</sup> & 30<sup>th</sup> March. Alentejo Plains.** For these two days we split up into two groups to suffer the pre-dawn start but enjoy the spectacular birding out on the plains.

It's hard to pick out the highlights, really: around every corner there seemed to be yet another wonderful spectacle! The displaying Great Bustards (161 in one view!), the males throwing themselves into massive white meringues; a huge swarm of Spanish Sparrows in a single oat field; the lovely Lesser Kestrels hawking over the fields in the distance; the sight of 3 Black Vultures, 2 Griffon Vultures and a single Red Kite circling together in the best possible sunlight, just over our heads; the Blue Rock Thrush by the Pulo de Lobo waterfall; a line of 51 White Stork nests along the roadside telegraph poles.

A very special place.

**31<sup>st</sup> March. Return to Faro.** Thanks to a strike by the Portugese rail workers, unfortunately the scheduled train journey turned into a drive south back to Faro, where we met up with Georg and bit farewell to Frank and Daniella. Our final excursion was to the lake at Quinto do Lago, on the edge of the Ria Formosa Natural Park, just up the road from the airport!

Beneath the pine trees we found the lovely Three-leaved Snowflake *Leucojum tricophyllum* and a single spike of Small-flowered Tongue Orchid *Serapias parviflora*. On the pool we had the chance to compare three species of terrapin side by side and enjoyed close up views of Red-crested Pochard and Purple Swamphen, as well as our final picnic lunch.

Wandering back to the bus, a couple of Wrynecks were calling in the pines, while the final find of the trip was, at long last, a snake!

ENGLISH NAME	LATIN NAME	24 <sup>th</sup>	25 <sup>th</sup>	26 <sup>th</sup>	27 <sup>th</sup>	28 <sup>th</sup>	29 <sup>th</sup>	30 <sup>th</sup>
		2	2	2	2	2	2	ε
Family Anatidae (Due Shelduck				V				
	Tadorna tadorna		v	X	V	v	V	V
Mallard	Anas platyrhnchos		Х	Х	Х	Х	Х	X
Gadwall	Anas strepera			Х	Х	-	Х	Х
Shoveler	Anas clypeata			Х	-			
Red-crested Pochard	Netta rufina			Х				
Pochard	Aythya ferina			Х				
Family Phasianidae ( <sub>Quail</sub>	Pheasants and Partridges)						V	ш
Red-legged Partridge				v	v	v	X	н Х
	Alectoris rufa			Х	Х	Х	Х	X
Family Podicipedidae				V				
Little Grebe	Tachybaptus ruficollis			Х				
Family Sulidae (Ganr								
Gannet	Morus bassanus			Х	Х			
Family Phalacrocorac				V	V	V	V	
Cormorant	Phalacrocorax carbo			Х	Х	Х	Х	
Family Ardeidae (Hei	-			V	V		V	¥
Cattle Egret	Bubulcus ibis			Х	Х		Х	Х
Little Egret	Egretta garzetta		Х	Х	Х		Х	
Grey Heron	Ardea cinerea			Х	Х			Х
Family Ciconiidae (St								
White Stork	Ciconia ciconia			Х	Х	Х	Х	Х
	idae (Spoonbills and Ibises)							
Spoonbill	Platalea leucorodia			Х	Х			
Family Phoenicopter								
Greater Flamingo	Phoenicopterus roseus		Х	Х	Х			
Family Accipitridae (								
Griffon Vulture	Gyps fulvus						Х	Х
Black Vulture	Aegypius monachus						Х	
Bonelli's Eagle	Aquila fasciata		Х		Х	Х		Х
Booted Eagle	Aquila pennata				Х	Х		
Short-toed Eagle	Circaetus gallicus		Х			Х	Х	Х
Red Kite	Milvus milvus						Х	Х
Black Kite	Milvus migrans						Х	Х
Black-winged Kite	Elanus caeruleus						Х	
Marsh Harrier	Circus aeruginosus			Х	Х	<b> </b>	Х	Х
Montagu's Harrier	Circus pygargus				-		Х	Х
Common Buzzard	Buteo buteo			Х		Х	Х	Х
Family Falconidae (Fa								
Peregrine	Falco peregrinus				Х			
Kestrel	Falco tinnunculus			Х	Х	Х	Х	Х
Lesser Kestrel	Falco naumanni						Х	Х
Family Rallidae (Rail			1				1	
Moorhen	Gallinula chloropus			Х	Х			Х
Coot	Fulica atra			Х	Х	ļ	<u> </u>	
Purple Swamphen	Porphyrio porphyrio				Х			
	-							
Family Otididae (Bus	Tetrax tetrax						Х	Х
Little Bustard				1	1	1	Х	Х
Little Bustard Great Bustard	Otis tarda						^	^
Little Bustard Great Bustard							^	^
Little Bustard Great Bustard	Otis tarda		X	X X	X X		~	^

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Family Haematopidae	(Ovstercatchers)							
Oystercatcher	Haematopus ostralegus			Х				
Family Glareolidae (Pr	atincoles)							
Collared Pratincole	Glareolus pratincola			Х				
Family Burhinidae (Sto								
Stone Curlew	Burhinus oedicnemus			Х				Х
Family Scolopacidae (S			_			_		
Dunlin	Calidris alpina			Х	Х			
Curlew Sandpiper	Calidris ferruginea				Х			
Little Stint	Calidris minuta			Х				
Sanderling	Calidris alba			Х	Х			
Black-tailed Godwit	Limosa limosa		Х	Х	Х			
Bar-tailed Godwit	Limosa lapponica			Х				
Whimbrel	Numenius			Х				
Redshank	Tringa totanus		Х	Х	Х			
Spotted Redshank	Tringa ochropus		<u> </u>	Х			$\vdash$	
Greenshank	Tringa nebularia		<u> </u>	Х			$\vdash$	
Green Sandpiper	Tringa ochropus			1			Х	Х
Common Sandpiper	Actitis hypoleucos			Х				
Family Charadriidae (F								
Little Ringed Plover	Charadrius dubius			Х			Х	
Ringed Plover	Charadrius hiaticula				Х			
Kentish Plover	Charadrius alexandrinus			Х	Х		<u> </u>	
Grey Plover	Pluvialis squatarola			Х	Х			
Family Laridae (Gulls)							<b> </b>	
Yellow-legged Gull	Larus michahellis		Х	X	Х			
Lesser Black-backed Gull	Larus fuscus		Х	X	Х			
Slender-billed Gull	Larus			Х	V			
Black-headed Gull	Larus ridibundus			Х	Х			
Family Sternidae (Terr Caspian Tern	15 <i>)</i>			V	V		-	
Sandwich Tern	Sterna sandvicensis			X X	X X		-	
				^	^			
Family Columbidae (Pi Rock Dove/Feral Pigeon	Columba livia		Х	Х	Х	Х	Х	Х
Woodpigeon	Columba palumbus		^	^	^	^	X	X
Collared Dove	Streptopelia decaocto		Х	Х	Х	Х	X	X
Family Pteroclididae (S			Λ	X	~	Λ	~	Λ
Black-bellied Sandgrouse	Pterocles orientalis						Х	
Family Cuculidae (Cuc							~	
Great Spotted Cuckoo	Clamator glandarius							Х
Cuckoo	Cuculus canorus					н	н	H
Family Strigidae (Owls								
Little Owl	Athene noctua						Х	Х
Family Apodidae (Swif								
Swift	Apus apus			Х			Х	Х
Pallid Swift	Apus pallidus		+	X	+		<u> </u>	1
Alpine Swift	Apus melba		+	1	Х	<u> </u>	<u> </u>	1
Family Meropidae (Bee								
Bee-eater	Merops apiaster		Х	Х	Х	Х	Х	Х
Family Upupidae (Hoo								
Hoopoe	Upupa epops			Х	Х		Х	Х
Family Alcedinidae (Ki					1			
Kingfisher	Alcedo atthis		Н					

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Family Picidae (Woodpe	eckers)							
Iberian Green Woodpecker	Picus sharpie		Н			Н		Н
Great Spotted Woodpecker	Dendrocopos major		Х			Х		Н
Wryneck	Jynx torquilla					Н		
Family Alaudidae (Larks								
Calandra Lark	Melanocorypha calandra						Х	Х
Wood Lark	Lullula arborea						Х	Х
Crested Lark	Galerida cristata		Х	Х	Х	Х	Х	Х
Thekla Lark	Galerida theklae				Х		Х	Х
Family Hirundinidae (Sw								
Crag Martin	Ptyonoprogne rupestris			Х				Х
House Martin	Delichon urbica		Х	Х	Х	Х	Х	Х
Red-rumped Swallow	Hirundo daurica		Х	Х	Х	Х	Х	Х
Swallow	Hirundo rustica		Х	Х	Х	Х	Х	Х
Sand Martin	Riparia riparia				Х			
Family Motacillidae (Pip Meadow Pipit	Anthus pratensis				Х	Х	Х	Х
Meadow Pipit Spanish Wagtail	Motacilla (flava) iberiae			х	X X	^	^	<u>^</u>
White Wagtail	Motacilla alba		-	^	^	х	х	х
Grey Wagtail	Motacilla cinerea					^ X	^	^
, ,						^		
Family Troglodytidae (V Wren	Troglodytes troglodytes		Н		Х	Х		
Family Turdidae (Thrus					Λ	~		
Nightingale	Luscinia megarhynchos		Н			Н		Н
Black Redstart					х			
Stonechat	Saxicola torquata			х	х	х	х	Х
Western Black-eared Wheatear	Oenanthe (h.) hispanica						х	Х
Blue Rock Thrush	Monticola solitarius		х		х		х	Х
Blackbird	Turdus merula		Х	х	х	х	х	Х
Ring Ouzel	Turdus torquata				Х			t
Family Sylviidae (Warbl	ers)							
Blackcap	Sylvia atricapilla		Н			Х		
Sardinian Warbler	Sylvia melanocephala		Х	Х	Х	Х	Х	Х
Western Subalpine Warbler	Sylvia cantillans					Н		
Spectacled Warbler	Sylvia conspicillata			Х				
Sedge Warbler	Acrocephalus schoebanus							
Cetti's Warbler	Cettia cetti					Н		
Zitting Cisticola	Cisticola			Х	Х	Х	Х	Х
Iberian Chiffchaff	Phylloscopus ibericus		Н					Х
Family Aegithalidae (Lo								
Long-tailed Tit	Aegithalos caudatus		Х			Х		Х
Family Paridae (Tits)			V	1		V	V	V
Blue Tit	Parus caeruleus		X			X	X	X
Great Tit	Parus major		Х			Х	Х	Х
Family Sittidae (Nuthat Nuthatch	Sitta europaea					Х		F
Family Certhiidae (Tree	-					^		
Short-toed Treecreeper	Certhia brachydactyla		Н			Х		F
Family Laniidae (Shrike				1	1	· `		
Iberian Grey Shrike	Lanius meridionalis			Х			Х	Х
Woodchat Shrike	Lanius senator				Х		X	Х
1	1			1	1	1	1	1

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Family Corvidae (Crows)							1	
Iberian Azure-winged Magpie	Cyanopica cooki					Х	Х	Х
Magpie	Pica pica			Х	Х	Х		
Jay	Garrulus glandarius		Х		Х	Х		Х
Jackdaw	Corvus monedula				Х			
Chough	Pyrrhocorax pyrrhocorax				Х			
Carrion Crow	Corvus corone						Х	
Raven	Corvus corax			Х			Х	Х
Family Sturnidae (Starlin	igs)							
Spotless Starling	Sturnus unicolor			Х	Х	Х	Х	Х
Family Passeridae (Spari	rows)							
Spanish Sparrow	Passer hispaniolensis						Х	Х
House Sparrow	Passer domesticus		Х	Х	Х	Х	Х	Х
Family Ploceidae (Weave	ers)							
Black-headed Weaver	Ploceus melanocephala							
Family Fringillidae (Finch	nes)							
Chaffinch	Fringilla coelebs					Х	Х	Х
Greenfinch	Carduelis chloris		Х		Х	Х	Х	Х
Goldfinch	Carduelis carduelis		Х	Х	Х	Х	Х	Х
Linnet	Carduelis cannabina			Х	Х	Х	Х	Х
Serin	Serinus serinus		Х	Х	Х	Х	Х	Х
Family Estrildidae (Waxb	bills)				1			
Common Waxbill	Estrilda astrild					Х		
Family Emberizidae (Bun	tings)		·					
Corn Bunting	Miliaria calandra		Х	Х	Х	Х	Х	Х
Cirl Bunting	Emberiza cirlus						1	Х
Rock Bunting	Emberiza cia		Х	1		1	Х	Х

AMPHIBIANS							
Southern Toad	Bufu bufo spinosus	Х			Х		
Iberian Water Frog	Pelophylax perezi	Х	Х			Х	Х
REPTILES							
Family Emydidae (Terrapi	ns)						
Red-eared Slider	Trachemys scripta						
European Pond Terrapin	Emys orbicularis						
Moorish Terrapin	Mauremys leprosa				Х		
Family Lacertidae (Lizards							
Large (Moorish) Psammodromus	Psammodromus algericus	Х	Х		Х	Х	Х
Spanish Psammodromus	Psammodromus hispanicus	Х					
Family Scincidae (Skinks)							
Iberian Three-toed Skink	Chalcides striatus				Х		
Family Colubridae (Colubr	id Snakes)						
Viperine Snake	Natrix maura						
Grass Snake						Х	
Family Elaphidae (Elaphid	Snakes)	÷	÷	÷			÷
Viperine Snake							
Ladder Snake					Х	Х	

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BUTTERFLIES								
Family Papilionidae (Sv	vallowtails)							
Swallowtail	Papilio machaon		Х				Х	Х
Scarce Swallowtail	Iphiclides podarius		Х			Х		
Spanish Festoon	Zerynthia rumina		Х			Х	Х	Х
Family Pieridae (Whites	s)							
Large White	Pieris brassicae		Х	Х		Х	Х	
Wood White	Leptidea sinapsis		Х				Х	
Western Dappled White	Euchloe crameri		Х			Х	Х	Х
Clouded Yellow	Colias croceus		Х	Х	Х	Х	Х	Х
Cleopatra	Gonopteryx cleopatra		Х				Х	Х
Family Nymphalidae (A	dmirals and Fritillaries)							
Large Tortoiseshell	Nymphalis polychloros		Х					
Painted Lady				Х				Х
Red Admiral				Х				Х
Family Satyridae (Brow	vns)							
Small Heath						Х	Х	Х
Southern Speckled Wood			Х			Х	Х	Х
Family Lycaenidae (Blu	es & Coppers)							
Green Hairstreak	Callophrys rubi		Х					Х
Small Copper			Х					Х
Lang's Short-tailed Blue			Х					
Common Blue	Polyommatus icarus		Х					

-		
Otter	Lutra lutra	Spraint at Fonte de Benemola; Castro Marim
Iberian Hare	Lepus granatensis	Castro Marim & Alentejo Plains
Rabbit	Oryctolagus cuniculus	Castro Marim & Alentejo Plains
Egyptian Mongoose	Herpestes ichneumon	One across the road near Carrapateira, 27 <sup>th</sup>
Wild Boar	Sus scrofa	Tracks and signs around the Quinta
Mediterranean Horseshoe Bat	Rhinolophous euryale	30 <sup>th</sup>
Western Hedgehog	Erinaceus europeus	One roadkill, 30 <sup>th</sup>
Brown Rat	Rattus norvegicus	One disturbed from its burrow by the snake, 29
<b>OTHER INVERTEBRATES</b>		
Red-veined Darter	Sympetrum fonscolombii	One recently emerged, Pulo do Lobo, 30th Marc
Copper Demoiselle	Calopteryx haemorrhoidalis	By the river, 25 <sup>th</sup>
Giant Pond Skater	Aquarius najas	On the streams in the Alentejo
Violet Carpenter Bee	Xyolcopa violacea	The big, black shiny bee, eg in the garden at the Quinta
Lavender Mantis	Empusa pennata	1 juv, 25 <sup>th</sup>
Egyptian Grasshopper	Anacridium aegyptium	The large, grey 'locust'
Stone Grasshopper	Ocnerodes fallaciousus	The flightless grasshopper on the Algarve, camouflaged to look like an orangey rock

PLANTS: A Selected List

1	PLANTS: A Selected	LISI
SCIENTIFIC NAME	ENGLISH NAME	Notes
GYMNOSPERMS		Notes
Cupressaceae		
Cupressus sempervirens		The tall elegant cupressus
Pinaceae		
Pinus pinea	Stone Pine	Umbrella pine. Pine nuts
ANGIOSPERMS: DICOTYLED	ONS	
Fagaceae		
Quercus coccifera	Holly Oak	Small, shrubby oak, holly leaves, evergreen
	Holm Oak	Evergreen, tree-forming oak
Quercus suber	Cork Oak	
Moraceae		
Ficus carica	Fig	
Aristolochiaceae		
Aristolochia baetica		Broad, dark purple flower, Barrocal
Aristolochia longa		Tall, narrow, green flower, Alentejo
Caryophyllaceae		
Paronychia argentea		Papery flowers, on the tracks at Castro Marim
Spergularia purpurea	Purple Sand Spurrey	On the tracks at Castro Marim
Silene gallica		White flowers, sticky hairs, Castro Marim
Silene colorata		Red flowers, curled back petals, Castro Marim
Ranunculaceae		
Ranunculus aquatilis agg.	Water Crowfoot	in the ditches and ponds, Casto Marim
Crassulaceae		
Umbilicus rupestris	Navelwort	Around the picnic place, Pulo do Lobo
Rosaceae		
Eriobotrya japonica	Loquat	
Prunus dulcis	Almond	
Fabaceae		
Another ultimore the summing	Maditawananan Kidaau Vatah	
Anthyllis vulneraria ssp maura	Mediterranean Kidney Vetch	
Astragalus tragacantha ssp vicentina		
Astragalus tragacantha ssp vicentina Astragalus lusitanicus		
Astragalus tragacantha ssp vicentina Astragalus lusitanicus Ceratonia siliqua	Carob	
Astragalus tragacantha ssp vicentina Astragalus lusitanicus	Carob Judas Tree	The common white-flowered Astragalus, Barrocal
Astragalus tragacantha ssp vicentina Astragalus lusitanicus Ceratonia siliqua	Carob	The common white-flowered Astragalus, Barrocal Small purple flowers, leaves smell of tar
Astragalus tragacantha ssp vicentina Astragalus lusitanicus Ceratonia siliqua Cercis siliquastrum Psoralea bituminosa Medicago orbicularis	Carob Judas Tree Pitch Trefoil Large Disc Medick	The common white-flowered Astragalus, Barrocal         Small purple flowers, leaves smell of tar         In the field by the Roman Road, 25 <sup>th</sup>
Astragalus tragacantha ssp vicentina Astragalus lusitanicus Ceratonia siliqua Cercis siliquastrum Psoralea bituminosa Medicago orbicularis Lupinus luteus	Carob Judas Tree Pitch Trefoil Large Disc Medick Yellow Lupin	The common white-flowered Astragalus, Barrocal Small purple flowers, leaves smell of tar In the field by the Roman Road, 25 <sup>th</sup> Fields full, 25 <sup>th</sup>
Astragalus tragacantha ssp vicentinaAstragalus lusitanicusCeratonia siliquaCercis siliquastrumPsoralea bituminosaMedicago orbicularisLupinus luteusLupinus micranthus	Carob Judas Tree Pitch Trefoil Large Disc Medick	The common white-flowered Astragalus, Barrocal         Small purple flowers, leaves smell of tar         In the field by the Roman Road, 25 <sup>th</sup>
Astragalus tragacantha ssp vicentinaAstragalus lusitanicusCeratonia siliquaCercis siliquastrumPsoralea bituminosaMedicago orbicularisLupinus luteusLupinus micranthusOxalidaceae	Carob Judas Tree Pitch Trefoil Large Disc Medick Yellow Lupin Hairy Lupin	The common white-flowered Astragalus, Barrocal         Small purple flowers, leaves smell of tar         In the field by the Roman Road, 25 <sup>th</sup> Fields full, 25 <sup>th</sup> Blue lupin in the fields around Alentejo
Astragalus tragacantha ssp vicentinaAstragalus lusitanicusCeratonia siliquaCercis siliquastrumPsoralea bituminosaMedicago orbicularisLupinus luteusLupinus micranthusOxalidaceaeOxalis pes-caprae	Carob Judas Tree Pitch Trefoil Large Disc Medick Yellow Lupin	The common white-flowered Astragalus, Barrocal Small purple flowers, leaves smell of tar In the field by the Roman Road, 25 <sup>th</sup> Fields full, 25 <sup>th</sup>
Astragalus tragacantha ssp vicentina         Astragalus lusitanicus         Ceratonia siliqua         Cercis siliquastrum         Psoralea bituminosa         Medicago orbicularis         Lupinus luteus         Lupinus micranthus         Oxalidaceae         Oxalis pes-caprae         Linaceae	Carob Judas Tree Pitch Trefoil Large Disc Medick Yellow Lupin Hairy Lupin Bermuda Buttercup	The common white-flowered Astragalus, Barrocal         Small purple flowers, leaves smell of tar         In the field by the Roman Road, 25 <sup>th</sup> Fields full, 25 <sup>th</sup> Blue lupin in the fields around Alentejo         Ubiquitous roadside weed
Astragalus tragacantha ssp vicentinaAstragalus lusitanicusCeratonia siliquaCercis siliquastrumPsoralea bituminosaMedicago orbicularisLupinus luteusLupinus micranthusOxalidaceaeOxalis pes-caprae	Carob Judas Tree Pitch Trefoil Large Disc Medick Yellow Lupin Hairy Lupin	The common white-flowered Astragalus, Barrocal         Small purple flowers, leaves smell of tar         In the field by the Roman Road, 25 <sup>th</sup> Fields full, 25 <sup>th</sup> Blue lupin in the fields around Alentejo
Astragalus tragacantha ssp vicentina         Astragalus lusitanicus         Ceratonia siliqua         Cercis siliquastrum         Psoralea bituminosa         Medicago orbicularis         Lupinus luteus         Lupinus micranthus         Oxalidaceae         Oxalis pes-caprae         Linaceae         Linum bienne         Anacardiaceae	Carob Judas Tree Pitch Trefoil Large Disc Medick Yellow Lupin Hairy Lupin Bermuda Buttercup Pale Flax	The common white-flowered Astragalus, Barrocal         Small purple flowers, leaves smell of tar         In the field by the Roman Road, 25 <sup>th</sup> Fields full, 25 <sup>th</sup> Blue lupin in the fields around Alentejo         Ubiquitous roadside weed
Astragalus tragacantha ssp vicentina         Astragalus lusitanicus         Ceratonia siliqua         Cercis siliquastrum         Psoralea bituminosa         Medicago orbicularis         Lupinus luteus         Lupinus micranthus         Oxalidaceae         Oxalis pes-caprae         Linaceae         Linum bienne	Carob Judas Tree Pitch Trefoil Large Disc Medick Yellow Lupin Hairy Lupin Bermuda Buttercup	The common white-flowered Astragalus, Barrocal         Small purple flowers, leaves smell of tar         In the field by the Roman Road, 25 <sup>th</sup> Fields full, 25 <sup>th</sup> Blue lupin in the fields around Alentejo         Ubiquitous roadside weed
Astragalus tragacantha ssp vicentina         Astragalus lusitanicus         Ceratonia siliqua         Cercis siliquastrum         Psoralea bituminosa         Medicago orbicularis         Lupinus luteus         Lupinus micranthus         Oxalidaceae         Oxalis pes-caprae         Linaceae         Linum bienne         Anacardiaceae         Pistacia terebinthus         Thymelaceae	Carob Judas Tree Pitch Trefoil Large Disc Medick Yellow Lupin Hairy Lupin Bermuda Buttercup Pale Flax	The common white-flowered Astragalus, Barrocal         Small purple flowers, leaves smell of tar         In the field by the Roman Road, 25 <sup>th</sup> Fields full, 25 <sup>th</sup> Blue lupin in the fields around Alentejo         Ubiquitous roadside weed         Pale blue flax
Astragalus tragacantha ssp vicentina         Astragalus lusitanicus         Ceratonia siliqua         Cercis siliquastrum         Psoralea bituminosa         Medicago orbicularis         Lupinus luteus         Lupinus micranthus         Oxalidaceae         Oxalis pes-caprae         Linaceae         Linum bienne         Anacardiaceae         Pistacia terebinthus         Thymelaceae         Daphne gnidium	Carob Judas Tree Pitch Trefoil Large Disc Medick Yellow Lupin Hairy Lupin Bermuda Buttercup Pale Flax	The common white-flowered Astragalus, Barrocal         Small purple flowers, leaves smell of tar         In the field by the Roman Road, 25 <sup>th</sup> Fields full, 25 <sup>th</sup> Blue lupin in the fields around Alentejo         Ubiquitous roadside weed
Astragalus tragacantha ssp vicentina         Astragalus lusitanicus         Ceratonia siliqua         Cercis siliquastrum         Psoralea bituminosa         Medicago orbicularis         Lupinus luteus         Lupinus nicranthus         Oxalidaceae         Oxalis pes-caprae         Linaceae         Linum bienne         Anacardiaceae         Pistacia terebinthus         Thymelaceae         Daphne gnidium         Cistaceae	Carob Judas Tree Pitch Trefoil Large Disc Medick Yellow Lupin Hairy Lupin Bermuda Buttercup Pale Flax	The common white-flowered Astragalus, Barrocal         Small purple flowers, leaves smell of tar         In the field by the Roman Road, 25 <sup>th</sup> Fields full, 25 <sup>th</sup> Blue lupin in the fields around Alentejo         Ubiquitous roadside weed         Pale blue flax         Flowers in the winter
Astragalus tragacantha ssp vicentina         Astragalus lusitanicus         Ceratonia siliqua         Cercis siliquastrum         Psoralea bituminosa         Medicago orbicularis         Lupinus luteus         Lupinus micranthus         Oxalidaceae         Oxalis pes-caprae         Linaceae         Linum bienne         Anacardiaceae         Pistacia terebinthus         Thymelaceae         Daphne gnidium         Cistaceae         Cistus albidus	Carob Judas Tree Pitch Trefoil Large Disc Medick Yellow Lupin Hairy Lupin Bermuda Buttercup Pale Flax	The common white-flowered Astragalus, Barrocal         Small purple flowers, leaves smell of tar         In the field by the Roman Road, 25 <sup>th</sup> Fields full, 25 <sup>th</sup> Blue lupin in the fields around Alentejo         Ubiquitous roadside weed         Pale blue flax         Flowers in the winter         Pale pink flowers, soft leaves
Astragalus tragacantha ssp vicentina         Astragalus lusitanicus         Ceratonia siliqua         Cercis siliquastrum         Psoralea bituminosa         Medicago orbicularis         Lupinus luteus         Lupinus nicranthus         Oxalidaceae         Oxalis pes-caprae         Linaceae         Linum bienne         Anacardiaceae         Pistacia terebinthus         Thymelaceae         Daphne gnidium         Cistaceae         Cistus albidus         Cistus crispus	Carob Judas Tree Pitch Trefoil Large Disc Medick Yellow Lupin Hairy Lupin Bermuda Buttercup Pale Flax	The common white-flowered Astragalus, Barrocal         Small purple flowers, leaves smell of tar         In the field by the Roman Road, 25 <sup>th</sup> Fields full, 25 <sup>th</sup> Blue lupin in the fields around Alentejo         Ubiquitous roadside weed         Pale blue flax         Flowers in the winter         Pale pink flowers, soft leaves         Dark pink flowers, crinkly leaves
Astragalus tragacantha ssp vicentina         Astragalus lusitanicus         Ceratonia siliqua         Cercis siliquastrum         Psoralea bituminosa         Medicago orbicularis         Lupinus luteus         Lupinus nicranthus         Oxalidaceae         Oxalis pes-caprae         Linaceae         Linum bienne         Anacardiaceae         Pistacia terebinthus         Thymelaceae         Daphne gnidium         Cistus albidus         Cistus crispus         Cistus ladanifer	Carob Judas Tree Pitch Trefoil Large Disc Medick Yellow Lupin Hairy Lupin Bermuda Buttercup Pale Flax	The common white-flowered Astragalus, Barrocal         Small purple flowers, leaves smell of tar         In the field by the Roman Road, 25 <sup>th</sup> Fields full, 25 <sup>th</sup> Blue lupin in the fields around Alentejo         Ubiquitous roadside weed         Pale blue flax         Flowers in the winter         Pale pink flowers, soft leaves         Dark pink flowers, red spots
Astragalus tragacantha ssp vicentina         Astragalus lusitanicus         Ceratonia siliqua         Cercis siliquastrum         Psoralea bituminosa         Medicago orbicularis         Lupinus luteus         Lupinus nicranthus         Oxalidaceae         Oxalis pes-caprae         Linaceae         Linum bienne         Anacardiaceae         Daphne gnidium         Cistus albidus         Cistus crispus         Cistus ladanifer         Cistus monspeliensis	Carob Judas Tree Pitch Trefoil Large Disc Medick Yellow Lupin Hairy Lupin Bermuda Buttercup Pale Flax Turpentine Tree	The common white-flowered Astragalus, Barrocal         Small purple flowers, leaves smell of tar         In the field by the Roman Road, 25 <sup>th</sup> Fields full, 25 <sup>th</sup> Blue lupin in the fields around Alentejo         Ubiquitous roadside weed         Pale blue flax         Flowers in the winter         Pale pink flowers, soft leaves         Dark pink flowers, red spots         Small white flowers, narrow leaves
Astragalus tragacantha ssp vicentina         Astragalus lusitanicus         Ceratonia siliqua         Cercis siliquastrum         Psoralea bituminosa         Medicago orbicularis         Lupinus luteus         Lupinus nicranthus         Oxalidaceae         Oxalis pes-caprae         Linaceae         Linum bienne         Anacardiaceae         Pistacia terebinthus         Thymelaceae         Daphne gnidium         Cistus albidus         Cistus crispus         Cistus ladanifer	Carob Judas Tree Pitch Trefoil Large Disc Medick Yellow Lupin Hairy Lupin Bermuda Buttercup Pale Flax Turpentine Tree Gum Cistus Gum Cistus	The common white-flowered Astragalus, Barrocal         Small purple flowers, leaves smell of tar         In the field by the Roman Road, 25 <sup>th</sup> Fields full, 25 <sup>th</sup> Blue lupin in the fields around Alentejo         Ubiquitous roadside weed         Pale blue flax         Flowers in the winter         Pale pink flowers, soft leaves         Dark pink flowers, red spots         Small white flowers, narrow leaves
Astragalus tragacantha ssp vicentina         Astragalus lusitanicus         Ceratonia siliqua         Cercis siliquastrum         Psoralea bituminosa         Medicago orbicularis         Lupinus luteus         Lupinus nicranthus         Oxalidaceae         Oxalis pes-caprae         Linaceae         Linum bienne         Anacardiaceae         Daphne gnidium         Cistus albidus         Cistus crispus         Cistus ladanifer         Cistus monspeliensis	Carob Judas Tree Pitch Trefoil Large Disc Medick Yellow Lupin Hairy Lupin Bermuda Buttercup Pale Flax Turpentine Tree Gum Cistus Gum Cistus	In the field by the Roman Road, 25 <sup>th</sup> Fields full, 25 <sup>th</sup> Blue lupin in the fields around Alentejo         Ubiquitous roadside weed         Pale blue flax         Flowers in the winter         Pale pink flowers, soft leaves         Dark pink flowers, crinkly leaves         Big white flowers, narrow leaves         Big white flowers, no red spots, very sticky leaves

SCIENTIFIC NAME Ericaceae	ENGLISH NAME	Notes
Erica australis		
Arbutus unedo	Strawberry Tree	
Primulaceae		
Anagallis arvensis	Scarlet Pimpernel	Blue and red forms
Anagallis monelli	Shrubby Pimpernel	Deep blue flowers
Oleaceae		
Jasminum fruticosum	Wild Jasmine	
Olea europea var. sylvestris	Wild Olive	
Apiaceae		
Daucus halophilus		The low-growing wild carrot, Sagres
Apium nodiflorum	Fool's Watercress	In the streams, Alentejo
Oenanthe crocata	Hemlock Water Dropwort	In the streams, Alentejo
Boraginaceae		
Borago officinalis	Borage	
Echium plantaginium	Purple Viper's Bugloss	The fields full of purple flowers, Alentejo
Nonea vesicaria		Blackish-purple flowers, Alentejo
Cerinthe major	Honeywort	White and yellow flowers, Cape
Lithodora diffusa		Deep blue flowers
Lamiaceae		
Phlomis purpurea	Purple Jerusalem Sage	
Prasium majus		White flowered bush
Salvia verbenaca	Wild Clary	
Scrophulariaceae		Time much to a dilate Dava Manala
<i>Linaria algarviensis</i> <i>Antirrhinum majus</i> ssp <i>cirrhigerum</i>	Algarve Toadflax Climbing Snapdragon	Tiny purple toadflax, Pera Marsh Deep pink snap dragon, Cabo Sao Vicente
Scrophularia sambucifolia	Elder-flowered Figwort	Rocha de Pena
Misopates orontium	Weasel Snout	
Orobanchaceae	Weaser Shout	
Orobanche alba		The deep red Broomrape, Pera Marsh
Cistanche phelypaea		Bright yellow spikes, a parasite of saltmarsh pla
Caprifoliaceae		
Viburnum tinus		Small tree with umbels of white flowers
Lonicera perfoliata	Perfoliate Honeysuckle	
Valerianaceae		
Fedia cornucopiae	African Valerian	Carpets of red under olive/carob groves
Asteraceae		
Asteriscus maritimus	Yellow Sea Aster	Big yellow daisy, Cape
Glebionis coronarium	Crown Daisy	White and yellow daisy, roadside weed
ANGIOSPERMS: MONOCO	DTYLEDONS	
Amaryllidaceae		
Leucojum tricophyllum	Three-leaved Snowflake	On the sandy soil, Quinta do Lago
Asparagaceae		
Dipcadi serotinum		Brown bluebell
Drimia maritima	Sea Squill	Broad leaves, autumn flowering, poisonous
Muscari comosum	Tassel Hyacinth	eg Quinta do Lago
Muscari neglectum	Grape Hyacinth	In the carpark of the Faro stadium!
Hyacinthoides hispanicus	Spanish Bluebell	
Scilla peruviana		The big, flamboyant blue spike
Scilla monophyllos	One-leaved Squill	On the hillsides around the Quinta
Ornithogalum umbellatum	Star of Bethlehem	
Ruscus aculeatus	Butcher's Broom	
Iridaceae		
Gladiolus italicus	Field Gladiolus	Common roadside weed in the lowlands

SCIENTIFIC NAME	ENGLISH NAME	Notes
Iris albicans		Big white iris, roadsides, Algarve
Moraea sisyrinchium	Barbary Nut	Small blue iris, opens in the afternoon
Orchidaceae		
Anacamptis (morio) picta	Long-spurred Orchid	Around the Quinta
Ophrys fusca	Dull Bee Orchid	v-shaped groove down 'throat'
Ophrys lutea	Yellow Bee Orchid	Bright yellow, held horizontally
Ophrys ciliata	Iberian Mirror Orchid	Dark brown fringe of hairs
Ophrys vernixia	Lusitanian Mirror Orchid	Yellow fringe of hairs
Ophrys bombyliflora	Bumblebee Orchid	Small, dark
Ophrys picta		The small 'woodcock' orchid
Orchis italica	Naked Man Orchid	Barrocal
Orchis anthropophorum	Man Orchid	Fonte de Benemola
Cephalanthera longifolia	Sword-leaved Helleborine	White flowers, long leaves, Fonte de Benemola
Epipactis sp		Leaves only, Fonte de Benemola
Serapias parviflora	Small-flowered Serapias	Quinta do Lago
Smilacaceae		
Smilax aspera	Sasparilla	
Xanthorroeaceae		
Asphodelus ramosus		Big white asphodel
Asphodelus fistulosus		Little white asphodel