

Sardinia

Naturetrek Tour Report

4 - 11 May 2008



Coastal view from Nuraghe Mannu



Saxifraga cervicornis



Cyclamen repandum

Report and photos compiled by John and Jenny Willsher



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Summary: We had an interesting and varied week on this lovely island, exploring diverse habitats and experiencing the warm hospitality of the Sardinian people. Despite evidence of a dry winter on the island the flora was abundant, with the endemic *Crocus minimus* and some alpine flora on the heights of Brunca Spina plus endemic orchids in the lovely wooded valleys of the Forest of Margani; also the colourful roadside flora of Crown Daisies, Galactites, Mallow-leaved Bindweed and the statuesque Giant Fennel. The varied habitats of saltpans, rocky and sandy coastlines, mountain, scrub, farmland and Holm/Cork Oak woodland provided a good variety of birds. We also explored Nurhagic and Roman sites getting a feel of life in ancient times.

Day 1

Sunday 4th May

After an uneventful flight the group met up with John and Jenny who had the vehicles ready and we were soon on our way north. The roadsides were colourful with masses of Crown Daisy (*Chrysanthemum coronarium*), poppies, the pale mauve thistle Galactites (*G. tomentosum*) and splashes of bright pink Mallow-leaved Bindweed (*C. althaeoides*). We took a break just before Oristano looking at some saltmarsh lakes. Here we saw our first Black-winged Stilts, Greater Flamingos and Great White Egrets. We then found an avenue of Aleppo Pines, which provided a shady picnic spot. We rejoined the main road north taking a short break at Lago Omodeo. The lake was very quiet bird-wise, but there were many handsome spikes of the umbellifers Giant Fennel (*Ferula communis*) and the snowy white *Magydaris pastinacea*. Both these plants were of almost forest proportions along the roadsides. We reached our family-run hotel on the edge of Dorgali at about 5pm and enjoyed a cup of tea in the garden before unpacking and getting ready for dinner.

Day 2

Monday 5th May

The weather forecast was good for today, so after a pre-breakfast walk to find the local Hawfinches we headed south inland to one of the highest points in the sprawling Gennargentu National Park, which has some of the wildest and most mountainous landscapes in Sardinia. We passed through some interesting villages and towns on our way and made stops for Bee-eaters, singing Golden Oriole and Nightingales.

The villages we went through were Oliena, which is reputed to produce one of the islands finest wines, Orgosolo, bandit capital of Sardinia! –where disputes between the roving sheep farmers and the more settled crop farmers made for much sheep rustling and some bloody vendettas (it's also famous for its murals), Mamoiada – famous for its highly theatrical carnival rituals and finally Fonni, Sardinia's highest village.

As we reached Bruncu Spina, the second highest peak in the park, we saw a Rock Thrush. This habitat is one of the few places to find some alpine flowers, and we found small patches of the *Crocus minimus**, *Saxafraga cervicornis**, *S. bulbifera*, *Astragalus gennargentu** and Rock Cinquefoil (*Potentilla rupestris*). Additional birds were Rock Sparrow, Ravens, Cirl Bunting, Tawny Pipit, Northern Wheatear, Grey Wagtail and Alpine Swift. In a small oak wood at the side of the road were many beautiful clumps of *Paenia mascula ssp russii*, a protected plant within the park. Among them were clumps of bright green *Euphorbia hyberna ssp insularis**. We made one more stop before lunch to photograph a bank of low turf which was studded with *Romulea requienii**, *Ornithogalum collinum* and two spikes of Milky Orchid (*Orchis lactea*) A Woodlark was singing nearby.

We lunched above a spring at a shady picnic table. On the slopes around the spring were good clumps of orchids – Pink Butterfly (*Orchis papilionaceae*), *Orchis longicornu* and *Dactylorhiza insularis*; also Three-cornered Leek and Summer Snowflake (*Leucojum aestivum ssp pulchellum*). We stopped for more orchids on an unassuming roadside verge, finding handsome groups of Pink Butterfly Orchid, *Orchis longicornu*, *O. provincialis* and *Ophrys incubacea*. We then wended our way back to Dorgali with a stop in Orgosolo to take photos of the wall murals.

Day 3

Tuesday 6th May

The weather did not look very promising today and the sea was reported to be unsettled, so we stayed on land and fairly local. Before breakfast some of us explored another track near our hotel. After breakfast our first stop was the Nuragic site at Serra Orrios, just north of Dorgali. This well-preserved site gave us a flavour of how life was lived here in approximately 1000BC, illustrating how a typical community was organised. In the damp patches among the ruins we found Mediterranean Water Dropwort (*Oenanthe globulosa*) and Lesser Spearwort (*Ranunculus flammula*), and draped along the walls was *Clematis cirrhosa*. Blackcaps, Nightingale and a Woodlark were singing. It was a drizzly day so we retreated to a well-placed café for a bit then headed back to Dorgali, circling the town and heading into a lush valley, with the high peaks of the Supramonte as a backdrop. We pottered along the valley between olive groves and vineyards, enjoying the roadside flowers and birds, heading for our picnic spot by the river. Plants included *Cistus crispus*, *C. salvifolious*, *C. monspeliensis*, the pungent Bitumen Pea (*Psoralea bituminosa*), many vetches, Prickly Poppy (*P.hybridum*) and Blue Houndstongue (*Cynoglossum creticum*).

Our lunch by the river was cut short by the damp, so we moved off, retracing our steps towards Dorgali. We stopped for a look at three flying Peregrine chicks on the cliffs across the valley, a Tree Pipit and to see a flush of Whinchats and Woodchat Shrikes among the vines. Just before leaving the valley a male Blue Rock Thrush posed for us. We then took the road through the tunnel down to Cala Gonone and walked along the cliff path to the north of this little port, finding masses of *Nigella damascena* at our feet, *Euphorbia dendroides* on the hillsides and some aromatic plants, such as Rosemary, Mastic (*Pistachia lentiscus*), Satureia (*Satureja thymbra*), *Stachys glutinosa** and *Teucrium subspinos**. There was another Peregrine, Sardinian Warblers and a Barbary Partridge.

We returned via Cala Gonone, some sampling ice creams at a quayside café.

Day 4

Wednesday 7th May

Massimiliano, the manager of the hotel, had arranged an extension to our usual boat trip to Cala Luna, so we had an early boat to catch. We drove back to the pretty coastal town of Cala Gonone and packed the picnic into our rucksacks before taking the boat down the coast. Other passengers disembarked at Cala Luna then we had the boat to ourselves. We were taken further south and had good views of Shags and several displaying Elenora's Falcons. An Audouin's Gull flew around the boat and Pallid Swifts, Alpine Swifts and Crag Martins were overhead.

Back to Cala Luna then we disembarked and headed inland. On the cliff face near the landing stage was one flowering spike of *Panocratium illyricum**. In bushes near the café area there was a good selection of birds including Spotted Flycatcher, Subalpine Warbler and Firecrest and, later, a Yellow Wagtail.

The path was not very obvious because winter rains had washed debris and stones down the track. In the sands at the back of the beach we found *Medicago maritima*, *Hypocoum procumbens*, *Plantago afra*, Sea Holly (*Eryngium maritimum*) and *Verbascum pulverulentum*. There was much Oleander (*Nerium oleander*) with Elder (*Sambucus nigra*), Manna Ash (*Fraxinus orinus*), Carob and Wild Olive growing on the gorge floor.

Dwarf shrubs were growing on the walls, such as Prasium, the endemic *Stachys glutinosa*, with its sticky and unpleasant smelling foliage, Tree Spurge, Rosemary, Fringed Rue (*Ruta chalapensis*) *Aristolochia tyrrena** and *Centaurea filiformis**. We also found Swallow-wort (*Vincetoxicum hirundiaria*) and Nettle-leaved Figwort (*Scrophularia peregrina*).

Some members of the group enjoyed an invigorating swim in the sea before catching the boat back to Cala Gonone.

Before returning to Dorgali we detoured off the road for a short excursion to Nuraghe Mannu, one of the few Nuraghic sights to be built by the sea. It has a stunning location overlooking the dramatic cliffs to the south across one of the many gorges that cut through these cliffs. The caretaker is an enthusiastic historian and gave us a brief overview of Nuraghic culture before we explored the sight and climbed up the tower. An unexpected bonus was a pair of Citril Finch coming to drink at a Nuraghic well.

Day 5

Thursday 8th May

Today, we transferred to our base in the south. We left the hotel at 9am and make good time to Oristano, turning off the main road to explore the Sinis peninsular. First we stopped at Putzu Iddu for coffee, checking out a drying lagoon and finding Shelduck, Greater Flamingo and a distant Kentish Plover. We headed south and found an isolated and almost deserted beach at Mari Ermi. We took advantage of some tables at a shuttered café for our picnic and saw Whinchats, a Spotted Flycatcher and a Bee-eater fly past.

We explored the shallow pools behind the beach finding several Kentish Plovers, including one pair with young chicks. Also, there were several Little Stints, Short-toed Lark, Tawny Pipit and Cory's Shearwaters out to sea. Then we continued south and arrived at our hotel south of Pula, with its lush gardens of palm trees, Silver Wattle, Carob and Citrus trees, plus singing Nightingales and resident noisy Spanish Sparrows.

Day 6

Friday 9th May

On a pre-breakfast walk through the hotel grounds and along the coast the early risers found many Spotted Flycatchers, Nightingales, Blackcap and Serin plus Woodchat Shrike and Grey Plover.

Our first stop was at the disused saltpans near Capoterra where we got good views of Greater Flamingos, Black-winged Stilts, Slender-billed Gulls, Common and Sandwich Terns.

We decided to head for the wooded hills of the Valle D'Orrida near the town of Domusnovas, north west of Cagliari. Giovanni Paulis, a warden of the WWF Reserve at Monte Arcosu, and who we had arranged to meet the following day, recommended we visit the Valle D'Orrida. Domusnovas is Giovanni's hometown and he suggested a walk in this valley, as it is particularly rich in orchids. Due to the dryness of the habitat Jenny was worried that the orchids might have dried up, but we found many good spikes of the handsome *Ophrys chestermanii**, with its large brown lip, though they are a little dusty. We saw many spikes of Man Orchid, the remains of Dense-flowered Orchid (*Neotinea maculata*), *Serapias lingua*, *S. parviflora* and one fresh spike of *Ophrys conradi*, with evidence of more to come. In the oak woods, a mix of *Quercus ilex* and *Q. suber*, we found good spikes of Violet Limodore (*Limodorum arbortivum*).

We had our picnic among the trees at well-placed picnic tables before continuing our walk back to the beginning of the valley. We found more *O. chestermanii*, less dusty this time and one spike of 10 flowers; also, *O. normani**. South of Domusnovas there were banks of the snowy white umbellifer *Magydaris pastinacea*.

We returned to Pula, stopping to look at the pools at Santa Gilla, finding the curious club-shaped parasitic plant *Cynomorium coccineum*. It is the only representative of an otherwise tropical family of plants and is supposed to have been used to staunch wounds in the Crusader wars. We found dense bushes of Large Yellow Restharrow along the side of the canal.

Day 7

Saturday 9th May

We had to find our way through Capoterra, on our way to the WWF reserve of Monte Arcosu. We were met by Giovanni who gave us a talk about the reserve, which was set up to preserve the endemic Sardinian Deer (*Servus elaphus corsicanus*), but which also serves to protect Wildcat, Boar, Marten and Golden Eagle. Giovanni first pointed out the Tree of Shame – a skeleton tree festooned with hundreds of the wire traps, which are found in the park. He explained that poaching is a huge problem within the park and 1,000 traps are found every year.

The reserve is part of a large forested area with Holm and Cork Oak (*Quercus ilex* and *Q. suber*) and maquis shrubs such as Strawberry Tree (*Arbutus unedo*), Tree Heath (*Erica arborea*), Lentisk, Carob, Narrow-leaved and Sage-leaved Cistus and *Cistus erycephalus*, a recently discovered Sardinian endemic sub-species of *C. creticus*.

We drove into the centre of the park for a guided walk and Giovanni pointed out other plants, such as the tiny *Bellium bellidioides**, *Brimeura fastigiata** and *Cymbalaria sardoa**. We also found the unusual *Cytinus hypocitis*, a parasitic plant of white cistus species. He told us about research which is being carried out on the local Sardinian Wildcat population, which is a Sardinian endemic subspecies.

We headed back to Pula, where some of the group explored the archaeological site at Nora, once the capital of the Roman province of Sardinia, and which is situated at the tip of the Capo di Pula promontory. It has well-preserved mosaic floors and dramatic Roman columns.

On the beach we found Barbary Nut (*Gynadiris sisyrinchium*) and the white scabious, *Cephalaria leucantha*. Others did some birdwatching nearby, and were rewarded with Audouin's Gull, Cory's Shearwater, Black-winged Stilt and Tree Sparrows.

Day 8

Sunday 10th May

We said fond farewells to the family and staff at the hotel, and made good time on our journey to the airport, for our flight back to Luton.

As always, the group made the trip what it was, and we had a lot of fun on this lovely island, with good birds and abundant flowers.

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Species Lists

Plants

Scientific name	Common name	
FERN & FERN ALLIES		
Selaginellaceae		
<i>Selaginella denticulata</i>	Mediterranean Selaginella	Monte Arcosu
Equisetaceae		
<i>Equisetum</i> sp.	Horsetails	
Sinapteridaceae		
<i>Cheilanthes hispanica</i>		Serra Orrios
Hypolepidaceae		
<i>Pteridium aquilinum</i>	Brackens Bracken	
Aspleniaceae		
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	Margeni
<i>Asplenium onopteris</i>	Acute-leaved Spleenwort	"
<i>Ceterach officinarum</i>	Rusty-back Fern	Serra Orrios
<i>Anagramma leptophylla</i>	Jersey Fern	
Polypodiaceae		
<i>Polypodium australe</i>	Polypodys Southern Polypody	Margeni
CONIFERS & ALLIES		
Pinaceae		
<i>Pinus pinaster</i>	Pines Maritime Pine	
<i>Pinus halepensis</i>	Aleppo Pine	
<i>Pinus pinea</i>	Stone Pine	
Cupressaceae		
<i>Cupressus sempervirens</i>	Cypresses and allies Italian Cypress	
<i>Juniperus communis</i>	Common Juniper	
<i>Juniperus oxycedrus</i>	Prickly Juniper	
<i>Juniperus phoenicea</i>	Phoenicean Juniper	
FLOWERING PLANTS		
Rafflesiaceae		
<i>Cytinus hypocistis</i>	Rafflesias 'Rose os Cistus'	Monte Arcosu
Salicaceae		
<i>Salix arrigoni</i> *	Willow Family	Monte Arcosu
Betulaceae		
<i>Alnus glutinosa</i>	Birches and allies Common Alder	Monte Arcosu
<i>Corylus avellana</i>	Hazel	
Fagaceae		
<i>Castanea sativa</i>	Beeches and oaks Sweet Chestnut	
<i>Quercus ilex</i>	Holm Oak	

Scientific name	Common name	
<i>Quercus pubescens</i>	Downy Oak	
<i>Quercus suber</i>	Cork Oak	
Moraceae	Mulberry and allies	
<i>Ficus carica</i>	Fig	
Urticaceae	Nettles	
<i>Urtica atrovirens</i>		
<i>Urtica dioica</i>	Common Nettle	
<i>Urtica pilulifera</i>	Roman Nettle	
<i>Urtica membranacea</i>		
<i>Parietaria officinalis</i>	Pellitory	
Cactaceae	Cacti	
<i>Opuntia ficus-indica</i>	Prickly Pear	
Aristolochiaceae	Birthwort Family	
<i>Aristolchia tyrrhenna*</i>		Cala Luna
Polygonaceae	Knotweeds	
<i>Polygonum maritimum</i>	Sea Knotweed	
<i>Rumex acetosa</i>	Common Sorrel	
<i>Rumex bucephalophorus</i>	Horned Dock	
Chenopodiaceae	Goosefoots and allies	
<i>Anthracnemum perenne</i>	Perennial Glasswort	
<i>Atriplex halimus</i>	Shrubby orache	
<i>Atriplex prostrata?</i>	Spear-leaved Orache	
<i>Halimione portulacoides</i>	Sea Purslane	
<i>Salicornia europea</i>	Sea Samphire	
<i>Suaeda fruticosa [=vera]</i>	Shrubby Seablite	
Aizoaceae	Mesembryanthemums	
<i>Carpobrotus acinaciformis</i>	Red Hottentot Fig	
Caryophyllaceae	Pinks and allies	
<i>Stellaria media</i>	Chickweed	
<i>Cerastium holosteoides</i>	a Mouse-ear	
<i>Silene alba</i>	White Campion	
<i>Petrorhagia prolifera</i>		
<i>Petrorhagia velutina</i>	Kohlrauschia	
<i>Paronychia capitata</i>	Paronychia	Cala Luna
<i>Spergularia rubra</i>	Sand Spurrey	
<i>Silene gallica</i>	Small-flowered Catchfly	
<i>Silene colorata</i>		
Ranunculaceae	Buttercups	
<i>Helleborus argutifolius</i>	Corsican Hellebore	Leaves only, C. Luna
<i>Clematis cirrhosa</i>	Virgin's Bower	
<i>Clematis vitalba</i>	Traveller's Joy	
<i>Nigella damascena</i>	Love-in-the-mist	Cala Luna
<i>Ranunculus flammulus</i>	Lesser Spearwort	Serra Orrios
<i>Ranunculus ficaria ssp. ficaria</i>	Lesser Celandine	
<i>Ranunculus sceleratus</i>	Celery-leaved Crowfoot	

Scientific name	Common name	
Paeoniaceae <i>Paeonia mascula ssp russi*</i>	Peony Family	
Papaveraceae <i>Papaver somniferum ssp. Setigerum</i> <i>Papaver rhoeas</i> <i>Papaver hybridum</i> <i>Glaucium flavum</i> <i>Hypecoum procumbens</i>	Poppies an Opium Poppy Red Poppy Prickly Round-headed Poppy Yellow Horned Poppy	
Fumariaceae <i>Fumaria capreolata</i> <i>Fumaria officinalis</i>	Fumitories White Ramping Fumitory Common Fumitory	
Brassicaceae <i>Bunias erucago</i> <i>Arabis verna</i> <i>Lobularia maritima</i> <i>Capsella bursa-pastoris</i> <i>Biscutella didyma</i> <i>Hirschfeldia incana</i> <i>Mathiola tricuspidata</i> <i>Mathiola sinuata</i> <i>Sisymbrium officinale</i> <i>Cakile maritima</i> <i>Raphanus raphanistrum</i> <i>Eruca sativa</i>	Mustards and allies Bunias Spring Rockcress Sweet Alison Shepherd's Purse Biscutella Hoary Mustard Three-horned Stock Sea Stock Hedge Mustard Sea Kale Wild Radish Eruca	
Resedaceae <i>Reseda alba</i> <i>Reseda lutea</i> <i>Reseda luteola</i>	Mignonettes White Mignonette Mignonette Weld	
Crassulaceae <i>Umbilicus rupestris</i> <i>Sedum caeruleum</i>	Stonecrops Navelwort Blue Stonecrop	
Saxifragaceae <i>Saxifraga bulbifera</i> <i>Saxifraga cervicornis*</i> <i>Saxifraga corsica</i>	Saxifrages Bulbous Saxifrage Corsican Saxifrage	Brunco Spina " Monte Arcosu
Rosaceae <i>Rubus ulmifolius</i> <i>Rosa canina</i> <i>Rosa sempervirens</i> <i>Sanguisorba minor</i> <i>Aphanes arvensis</i> <i>Pyrus amygdaliformis</i> <i>Crataegus monogyna</i> <i>Eriobotrya japonica</i> <i>Potentilla rupestre</i>	Roses Blackberry Dog Rose Salad Burnet Parsley Piert Almond-leaved Pear Hawthorn Japanese Loquat Rock Cinquefoil	 Brunca Spina

Scientific name	Common name	
Fabaceae	Pea family	
<i>Acacia dealbata</i>	Silver Wattle	Pula
<i>Anagaryris foetida</i>	Bean Trefoil	
<i>Astragalus gennargentus*</i>		Bruncu Spina
<i>Cercis siliquastrum</i>	Judas Tree	
<i>Ceratonia siliqua</i>	Carob or Locust Tree	
<i>Colutea arborescens</i>	Bladder Senna	
<i>Calycotome spinosa</i>	Spiny Broom	
<i>Spartium junceum</i>	Spanish Broom	Roadsides
<i>Lupinus angustifolius</i>	Narrow-leaved Lupin	
<i>Hippocrepis unisiliquosa</i>	Horseshoe Vetch	
<i>Robinia pseudoacacia</i>	Robinia, False Acacia	
<i>Vicia cracca</i>	Fodder Vetch	
<i>Vicia tetrasperma</i>	Smooth Tare	
<i>Vicia sativa</i>	Common Vetch	
<i>Vicia lutea</i>	Yellow Vetch	
<i>Lathyrus cicera</i>		
<i>Lathyrus clymenum</i>	Bi-colour Pea	
<i>Ononis natrix</i>	Large Yellow Restharrow	Santa Gilla
<i>Ononis spinosa</i>	Spiny Restharrow	
<i>Melilotis indicus</i>	Small Melilot	
<i>Medicago marina</i>	Sea Medick	Cala Luna
<i>Medicago orbicularis</i>	Large Disc Medick	
<i>Medicago arabica</i>	Spotted Medick	
<i>Medicago polymorpha</i>	Toothed Medick	
<i>Trifolium angustifolium</i>	Narrow-leaved Red Clover	
<i>Trifolium cherleri</i>		
<i>Trifolium repens</i>	White Clover	
<i>Trifolium tomentosum</i>	Woolly Clover	
<i>Trifolium campestre</i>	Hop Trefoil	
<i>Trifolium arvense</i>	Hare's-foot Clover	
<i>Trifolium stellatum</i>	Starry Clover	
<i>Trifolium incarnatum</i>	Crimson Clover	
<i>Trifolium resupinatum</i>	Reversed Clover	
<i>Anthyllis vulneraria</i>	Kidney Vetch	
<i>Scorpiurus muricatus</i>	Caterpillar Plant	
<i>Hedysarum coronarium</i>	Italian Sainfoin	
<i>Hedysarum spinosissimum</i>	Spiny Sainfoin	
<i>Psoralea bituminosa</i>	Bitumen Pea	
Oxalidaceae	Sorrels	
<i>Oxalis pes-caprae</i>	Bermuda Buttercup	
Geraniaceae	Cranesbills	
<i>Geranium rotundifolium</i>	Round-leaved Cranesbill	
<i>Geranium molle</i>	Dove's-foot Cranesbill	
<i>Geranium lucidum</i>	Shining Cranesbill	
<i>Geranium robertianum</i>	Herb Robert	
<i>Geranium purpureum</i>	Little Robin	
<i>Erodium cicutarium</i>	Common Storksbill	
<i>Erodium ciconium</i>		
Linaceae	Flaxes	
<i>Linum bienne</i>	Pale Flax	

Scientific name	Common name	
Euphorbiaceae	Spurges	
<i>Euphorbia dendroides</i>	Tree Spurge	
<i>Euphorbia characias</i>	Large Mediterranean Spurge	
<i>Euphorbia cupanii</i> *		not in flower
<i>Euphorbia exigua</i>	Dwarf Spurge	
<i>Euphorbia helioscopia</i>	Sun Spurge	
<i>Euphorbiahyberna ssp insularis</i> *		Brunco Spina - nif
<i>Euphorbia peplis</i>	Purple Spurge	Nora
Rutaceae	Rues	
<i>Ruta chalepensis</i>	Fringed Rue	Cala Luna
Anacardiaceae		
<i>Pistachia lentiscus</i>	Mastic Tree	Widespread
<i>Pistachia terebrinthus</i>	Turpentine Tree	Cal Ganone
Hippocastanaceae	Horse Chestnuts	
<i>Aesculus hippocastanum</i>	Horse Chestnut	
Aquifoliaceae	Hollies	
<i>Ilex aquifolium</i>	Holly	
Malvaceae	Mallows	
<i>Malva cretica</i>	Cretan Mallow	
<i>Malva sylvestris</i>	Common Mallow	
<i>Malva parviflora</i>	Least Mallow	
<i>Lavatera arborea</i>	Tree Mallow	
<i>Lavatera olbia</i>	Tree Lavatera	Roadsides
Violaceae	Violets	
<i>Viola riviniana</i>	Common Dog-violet	
<i>Viola tricolor</i>	Heartsease	Brunca Spina
Hypericaceae	St John's-wort Family	
<i>Hypericum perforiatum</i>		Pula
<i>Hypericum perforatum</i>	Perforate St John's-wort	
Cistaceae	Rock-roses	
<i>Cistus eriocephalus (= incanus)</i> *	A pink cistus	Monte Arcosu
<i>Cistus monspeliensis</i>	Narrow-leaved Cistus	
<i>Cistus salvifolius</i>	Sage-leaved Cistus	
<i>Cistus crispus</i>		
<i>Tuberaria guttata</i>	Spotted Rockrose	
Tamaricaceae	Tamarisks	
<i>Tamarix africana</i>	Pale Tamarisk	
<i>Tamarix gallica</i>	Tamarisk	
Frankeniaceae	Sea Heath Family	
<i>Frankenia laevis</i>	Sea Heath	
Cucurbitaceae	Cucumber family	
<i>Bryonia acuta</i>	A white bryony	

Scientific name	Common name	
Myrtaceae	Myrtles and gums	
<i>Myrtus communis</i>	Myrtle	
Balanophoraceae		Santa Gilla Lagoons
<i>Cynomorium coccineum</i>		
Apiaceae	Umbellifers	
<i>Eryngium campestre</i>	Field Eryngo	
<i>Eryngium maritimum</i>	Sea Holly	
<i>Scandix pecten-veneris</i>	Shepherd's-needle	
<i>Smyrnium olusatrum</i>	Alexanders	
<i>Smyrnium rotundifolium</i>	Round-leaved Alexanders	
<i>Crithmum maritimum</i>	Rock Samphire	
<i>Oenanthe globulosa</i>	Mediterranean Water-dropwort	
<i>Oenanthe crocata</i>	Hemlock Water-dropwort	
<i>Foeniculum vulgare</i>	Common Fennel	Cala Luna
<i>Ferula communis</i>	Giant Fennel	Roadsides
<i>Torilis nodosa</i>	Knotted Bur-parsley	
<i>Daucus carota</i>	Wild Carrot	Roadsides
<i>Thapsia garganica</i>		
<i>Magydaris pastinacea</i>		Roadsides
Ericaceae	Heathers	
<i>Erica arborea</i>	Tree Heather	
<i>Arbutus unedo</i>	Strawberry Tree	
Primulaceae	Primulas and allies	
<i>Cyclamen repandum</i>	Spring Sowbread	
<i>Anagallis arvensis</i>	Scarlet Pimpernel	
<i>A. arvensis</i> ssp. <i>caerulea</i> (=foemina)	Blue Pimpernel	
<i>Coris monspeliensis</i>	Coris	Sinis
Oleaceae	Olive and allies	
<i>Fraxinus ornus</i>	Manna Ash (not in flower)	
<i>Olea europaea</i>	Olive (wild)	
<i>Phyllyrea latifolia</i>		Monte Arcosu
Apocynaceae	Periwinkles	
<i>Nerium oleander</i>	Oleander	
Asclepiadaceae	Milkweed family	
<i>Vincetoxicum hirundinaria</i>	Swallow-wort	Cala Luna
Rubiaceae	Madders	
<i>Sherardia arvensis</i>	Field Madder	
<i>Cruciata laevipes</i>	Crosswort	
<i>Rubia peregrina</i>	Wild Madder	
Convolvulaceae	Bindweeds	
<i>Calystegia sepia</i>	Larger Bindweed	
<i>Convolvulus althaeoides</i>	Mallow-leaved Bindweed	
<i>Convolvulus arvensis</i>	Bindweed	
<i>Convolvulus cantabrica</i>	Pink Convolvulus	

Scientific name	Common name	
<i>Gallium sp</i>		Cala Luna
Boraginaceae	Borage and allies	
<i>Cerithe major</i>	Honeywort	
<i>Echium italicum</i>	Pale Bugloss	
<i>Echium plantagineum</i>	Purple Viper's Bugloss	
<i>Borago officinalis</i>	Borage	
<i>Cynoglossum creticum</i>	Blue Hound's-tongue	
<i>Cynoglossum officinale</i>	Hound's-tongue	
Lamiaceae	Dead-nettles	
<i>Stachys corsica*</i>		Monte Arcosu
<i>Stachys glutinosa*</i>		Cala Luna
<i>Prasium majus</i>		
<i>Lamium amplexicaule</i>	Henbit Deadnettle	
<i>Glechoma sardoa*</i>	Sardinian Ground-ivy	Monte Arcosu
<i>Rosmarinus officinalis</i>	Rosemary	
<i>Lavandula stoechas</i>	Mediterranean Lavender	
<i>Salvia verticillata</i>	Whorled Clary	
<i>Teucrium marum</i>		Monte Arcosu
<i>Teucrium subspinosum*</i>		Cala Ganone
<i>Satureja thymbra</i>	Satureia	
Solanaceae	Nightshades and allies	
<i>Solanum nigrum</i>	Black Nightshade	
<i>Hyosynum album</i>	Henbane	Cala Ganone
Scrophulariaceae	Figworts and allies	
<i>Antirrhinum majus</i>	Snapdragon	
<i>Misopates orontium</i>	Lesser Snapdragon/Weasel's Snout	
<i>Cymbalaria sardoa*</i>	Sardinian Ivy-leaved Toadflax	
<i>Digitalis purpurea</i>	Foxglove	Cala Luna
<i>Veronica persica</i>	Common Field Speedwell	
<i>Veronica cymbalaria</i>		
<i>Parentucellia viscosa</i>	Yellow Bartsia	
<i>Parentucellia latifolia</i>	Southern Red Bartsia	
<i>Bellardia trixago</i>	Bellardia	
<i>Scrophularia canina</i>	French Figwort	
<i>Scrophularia trifoliata*</i>		
<i>Scrophularia perigrina</i>	Nettle-leaved Figwort	
<i>Verbascum pulerulentum</i>	Hoary Mullein	
<i>Verbascum sinuatum</i>	Wavy-leaved Mullein	
Orobanchaceae	Broomrapes	
<i>Orobanche crenata</i>		
<i>Orobanche pubescens</i>		
<i>Orobanche ramosa</i>	Branched Broomrape	Cala Ganone
<i>Orobanche rapum-genistae</i>	Greater Broomrape	Cala Luna
Plantaginaceae	Plantains	
<i>Plantago coronopus</i>	Buck's-horn Plantain	
<i>Plantago lagopus</i>		
<i>Plantago lanceolata</i>	Ribwort Plantain	
<i>Plantago indica (=afra)</i>	Branched Plantain	

Scientific name	Common name	
<i>Plantago maritima</i>	Sea Plantain	
Caprifoliaceae	Elders and allies	
<i>Sambucus nigra</i>	Elder	Cala Luna
<i>Lonicera implexa</i>	A honeysuckle	
<i>Lonicera estrusca</i>		
Valerianaceae	Valerians and allies	
<i>Centranthus calcitrapa</i>		
<i>Cephalaria leucantha</i>	(a White Scabious)	Nora
<i>Dipsacus ferox</i>	A teasel	Leaves only
<i>Valerianella discoidea</i>	Corn Salad	
<i>Knautia arvensis</i>	Field Scabious	
<i>Valeriana montana</i>		
Asteraceae	Daisies and allies	
<i>Artemisia arborescens</i>	Shrubby Artemisia	
<i>Bellis sylvestris</i>	Southern Daisy	
<i>Bellis perennis</i>	Common Daisy	
<i>Bellium bellidioides</i> *		
<i>Evax pygmaea</i>	Evax	
<i>Chrysanthemum coronarium</i>	Crown Daisy	
<i>Senecio vulgaris</i>	Groundsel	
<i>Calendula arvensis</i>	Field Marigold	
<i>Carduus tenuiflorus</i>	Slender Thistle	
<i>Cirsium vulgare</i>	Spear Thistle	
<i>Silybum marianum</i>	Milk Thistle	
<i>Galactites tomentosa</i>	Galactites	
<i>Onopordum illyricum</i>	Illyrian Scotch Thistle	Cixerri Valley
<i>Hypochoeris radicata</i>	Common Cat's-ear	
<i>Urospermum dalechampii</i>		
<i>Pallenis spinosa</i>	Pallenis	
<i>Centaurea filiformis</i> *		
<i>Crupina crupinastrum</i>	Crupina	
<i>Helichrysum stoechas</i>		
<i>Ptilostemon casabonae</i>		
<i>Taraxacum</i> sp.	Dandelion	
<i>Hyoseris radiata</i>		
<i>Tolpis barbata</i>	Tolpis	Serra Orrios
<i>Rhadiolus stellatus</i>	Star Hawkbit	"
<i>Notobasis syriaca</i>	Syrian Thistle	
<i>Scolymus hispanica</i>	Spanish Oyster Plant	Santa Gilla
<i>Tragopogon porrifolios</i>	Salsify	
Flowering plants: monocotyledons		
Posidoniaceae	Posidonia family	
<i>Posidonia oceanica</i>	Posidonia	
Liliaceae	Lilies and allies	
<i>Asphodelus aestivus</i> (=microcarpus)	Common Asphodel	
<i>Anthericum liliago</i>	St Bernard's Lily	Cala Luna

Scientific name	Common name	
<i>Gagea peduncularis</i>		Brunca Spina
<i>Ornithogalum arabicum</i>		
<i>Ornithogalum narbonense</i>		Pula
<i>Ornithogalum collinum</i>	a Star of Bethlehem	
<i>Urginea maritima</i>	Sea Squill (leaves only)	
<i>Brimeura fastigiata*</i>		Monte Arcosu
<i>Muscari comosum</i>	Tassel Hyacinth	
<i>Allium roseum</i>	Rosy Garlic	
<i>Allium subhirsutum</i>		
<i>Allium triquetrum</i>	Three-cornered Leek	
<i>Ruscus aculeatus</i>	Butcher's Broom	
<i>Smilax aspera</i>	Smilax	
Agavaceae	Sisal family	
<i>Agave americana</i>	Century Plant	
Amaryllidaceae	Daffodils and allies	
<i>Pancratium illyricum</i>	Illyrian Sea-lily	Cala Luna
<i>Pancratium maratinum</i>	Sea Daffodil (leaves only)	
Dioscoraceae	Yam family	
<i>Tamus communis</i>	Black Bryony	
Iridaceae	Iris	
<i>Gynandiris sisyrynchium</i>	Barbary Nut	
<i>Crocus minimus*</i>	a crocus – abundant	Brunca Spina
<i>Romulea requiennii*</i>		"
<i>Gladiolus italicus [=segetum]</i>	Field Gladiolus	
Poaceae	Grasses	
<i>Aegilops geniculata</i>		
<i>Arundo donax</i>	Giant Reed	
<i>Avena barbata</i>	Bearded Oat	
<i>Briza maxima</i>	Large Quaking Grass	
<i>Cynodon dactylon</i>	Bermuda Grass	
<i>Cynosurus echinatus</i>	Rough Dog's-tail	
<i>Festuca arundinacea</i>	Tall Fescue	
<i>Lamarckia aurea</i>	Golden Dog's-tail	
<i>Phragmites australis</i>	Common Reed	
<i>Phalaris</i> sp.	a canary grass	
<i>Parapholis incurva</i>	Curved Sea Hardgrass	
Palmae	Palms	
<i>Phoenix dactylifera</i>	Date Palm	Pula
<i>Chamaerops humilis</i>	Dwarf Fan Palm	"
Araceae	Arums	
<i>Arisarum vulgare</i>	Friar's Cowl	Pula
<i>Arum italicum</i>		
<i>Arum pictum</i>	Autumn Arum (leaves only)	
Typhaceae	Reed Maces	
<i>Typha latifolia</i>	Reed Mace	

Scientific name	Common name	
Orchidaceae	Orchids	
<i>Ophrys apifera</i>	Bee Orchid	
<i>Ophrys conradiae</i>		Margani
<i>Ophrys normanii</i>		Margani
<i>Ophrys chestermanii</i>		"
<i>Ophrys neglecta</i>		Sinis
<i>Ophrys incubacea</i>		Brunca Spina
<i>Dactylorhiza insularis</i>		"
<i>Serapias lingua</i>	Common Tongue Orchid	
<i>Serapias parviflora</i>	Small-flowered Serapias	
<i>Neotinea maculata</i>	Dense-flowered Orchid	Margani
<i>Orchis longicornu</i>	Long-spurred Orchid	Brunca Spina
<i>Orchis papilionacea</i>	Pink Butterfly Orchid	"
<i>Orchis x bornemannii</i>		
<i>Orchis provincialis</i>	Provence Orchid	Brunca Spina
<i>Orchis lactea</i>	Milky Orchid	"
<i>Aceras anthropophorum</i>	Man Orchid	Margani
<i>Limodorum abortivum</i>	Violet Bird's-nest Orchid	"

Birds

	Common name	Scientific name	May							
			4	5	6	7	8	9	10	11
1	Great Crested Grebe	<i>Podiceps cristatus</i>	+							
2	Cory's Shearwater	<i>Calonectris diomedea</i>					+		6	
3	Cormorant	<i>Phalacrocorax carbo</i>	+		+	+				
4	Shag	<i>Phalacrocorax aristotelis</i>			+	50	5		1	
5	Great White Egret	<i>Egretta alba</i>	3					1	1	
6	Cattle Egret	<i>Bubulcus ibis</i>	+				10	+		
7	Little Egret	<i>Egretta garzetta</i>					1	+		
8	Grey Heron	<i>Ardea cinerea</i>	+	+						
9	Purple Heron	<i>Ardea purpurea</i>	1							
10	Spoonbill	<i>Platalea leucorodia</i>					3			
11	Greater Flamingo	<i>Phoenicopterus ruber</i>	+				+	+		
12	Shelduck	<i>Tadorna tadorna</i>	+				3			
13	Mallard	<i>Anas platyrhynchos</i>	+				1	+		
14	Marsh Harrier	<i>Circus aeruginosus</i>					1	1		
15	Buzzard	<i>Buteo buteo</i>	+	+	1	1	2	1		
16	Peregrine	<i>Falco peregrinus</i>				4				
17	Eleonora's Falcon	<i>Falco eleonora</i>				10				
18	Kestrel	<i>Falco tinnunculus</i>	+	+	3	1	+	1	1	
19	Barbary Partridge	<i>Alectoris barbara</i>			1	H				
20	Quail	<i>Coturnix coturnix</i>						H		
21	Moorhen	<i>Gallinula chloropus</i>						1		
22	Coot	<i>Fulica atra</i>	x							
23	Black-winged Stilt	<i>Himantopus himantopus</i>	20					+		
24	Avocet	<i>Recurvirostra avosetta</i>					1	6		
25	Ringed Plover	<i>Charadrius hiaticula</i>							1	
26	Little Ringed Plover	<i>Charadrius dubius</i>						2		
27	Kentish Plover	<i>Charadrius ale+andrinus</i>					17			
28	Grey Plover	<i>Pluvialis squatarola</i>						1		
29	Black-tailed Godwit	<i>Limosa limosa</i>							1	
30	Dunlin	<i>Calidris alpina</i>					1			
31	Little Stint	<i>Calidris minuta</i>					3			
32	Redshank	<i>Tringa totanus</i>						1		
33	Common Sandpiper	<i>Actitis hypoleucos</i>							2	
34	Slender-billed Gull	<i>Larus genei</i>	+				+	+	+	
35	Black-headed Gull	<i>Larus ridibundus</i>	+					+		
36	Audouin's Gull	<i>Larus audouinii</i>				1		2	2	
37	Yellow-legged Gull	<i>Larus cachinnans</i>	+	+	+	+		+	+	
38	Common Tern	<i>Sterna hirundo</i>					+	10		
39	Little Tern	<i>Sterna albifrons</i>						2		
40	Sandwich Tern	<i>Sterna sandvicensis</i>					1			
41	Wood Pigeon	<i>Columba palumbus</i>		+	+	+	+			
42	Feral Pigeon/Rock Dove	<i>Columba livia</i>		+	+	+	+		+	
43	Collared Dove	<i>Streptopelia decaocto</i>		+	+	+	+	+	+	
44	Turtle Dove	<i>Streptopelia turtur</i>		+	+	+	+		+	
45	Cuckoo	<i>Cuculus canorus</i>		+	+	1	H	H	+	
46	Scops Owl	<i>Otus scops</i>	H	H	1					
47	Little Owl	<i>Athene noctua</i>			2		1			
48	Alpine Swift	<i>Apus melba</i>		+	+	10				
49	Pallid Swift	<i>Apus pallidus</i>				10				

	Common name	Scientific name	May							
			4	5	6	7	8	9	10	11
50	Swift	<i>Apus apus</i>	+	+	+	+	+	+	+	
51	Bee-eater	<i>Merops apiaster</i>	+	+		H	1	1	8	
52	Hoopoe	<i>Upupa epops</i>							1	
53	Great-spotted Woodpecker	<i>Dendrocopus major</i>	+			H		H		
54	Calandra Lark	<i>Melanocorypha calandra</i>					1			
55	Skylark	<i>Alauda arvensis</i>		H				1		
56	Woodlark	<i>Lullula arborea</i>		+	1					
57	Short-toed Lark	<i>Calandrella brachydactyla</i>					1			
58	Crag Martin	<i>Ptyonoprogne rupestris</i>		+	+	+				
59	Swallow	<i>Hirundo rustica</i>	+	+	+	+	+	+	+	
60	House Martin	<i>Delichon urbica</i>	+	+	+	+	+	+	+	
61	Tree Pipit	<i>Anthus trivialis</i>			1					
62	Tawny Pipit	<i>Anthus campestris</i>		4			1			
63	Grey Wagtail	<i>Motacilla cinerea</i>		2						
64	Yellow (Blue-headed) Wagtail	<i>Motacilla flava (flava)</i>				1				
65	Wren	<i>Troglodytes troglodytes</i>		+		H			1	
66	Robin	<i>Erithacus rubecula</i>	+	+	+	+	1		+	
67	Nightingale	<i>Luscinia megarhynchos</i>		H		H	1	1	6	
68	Whinchat	<i>Sa+icola rubetra</i>		+	20+		+	1		
69	Stonechat	<i>Sa+icola torquata</i>		+			+	1	+	
70	Northern Wheatear	<i>Oenanthe oenanthe</i>		+		1				
71	Rock Thrush	<i>Monticola saxatilis</i>		1						
72	Blue Rock Thrush	<i>Monticola solitarius</i>			1					
73	Blackbird	<i>Turdus merula</i>	+	+	+	+	+	+	+	
74	Fan-tailed Warbler	<i>Cisticola juncidis</i>						H		
75	Cetti's Warbler	<i>Cettia cetti</i>	H	H						
76	Subalpine Warbler	<i>Sylvia cantillans</i>		1		1				
77	Whitethroat	<i>Sylvia communis</i>			1		1			
78	Blackcap	<i>Sylvia atricapilla</i>		+	+	+	+	+	+	
79	Sardinian Warbler	<i>Sylvia melanocephala</i>		+	+	+	+	+	+	
80	Firecrest	<i>Regulus ignicapillus</i>				1			1	
81	Spotted Flycatcher	<i>Muscicapa striata</i>		1	1	5	+	+	15	
82	Blue Tit	<i>Parus caeruleus</i>		+	+	+	+	+	+	
83	Great Tit	<i>Parus major</i>		+	+	+	+		+	
84	Woodchat Shrike	<i>Lanius senator</i>			6		1	1		
85	Spotless Starling	<i>Sturnus unicolor</i>	+	+	+		+	+	+	
86	Golden Oriole	<i>Oriolus oriolus</i>		1			H		1	
87	Jay	<i>Garrulus glandarius</i>		+	3	+	+	1		
88	Jackdaw	<i>Corvus monedula</i>					+			+
89	Raven	<i>Corvus corax</i>		+	+				1	
90	Hooded Crow	<i>Corvus corone cornix</i>		+	+	+	+	+	+	
91	Rock Sparrow	<i>Petronia petronia</i>		3						
92	Spanish Sparrow	<i>Passer hispaniolensis</i>		+	+	+	+	+	+	
93	Tree Sparrow	<i>Passer montanus</i>							8	
94	Chaffinch	<i>Fringilla coelebs</i>		+	+	+	+	+	+	
95	Hawfinch	<i>Coccothraustes coccothraustes</i>		2						
96	Citril Finch	<i>Serinus citrinella</i>				2				
97	Serin	<i>Serinus serinus</i>	2	+	+	+	+		+	
98	Greenfinch	<i>Carduelis chloris</i>	+	+	+	+	+	+	+	
99	Goldfinch	<i>Carduelis carduelis</i>		+	+	+	+	+	+	
100	Linnet	<i>Acanthis cannabina</i>		+						

	Common name	Scientific name	May								
			4	5	6	7	8	9	10	11	
101	Corn Bunting	<i>Miliaria calandra</i>		H	H			1			
102	Cirl Bunting	<i>Emberiza cirius</i>		+	+	+			1		

Butterfly Species

1	Swallowtail	<i>Papilio machaon</i>				3				
3	Large White	<i>Pieris brassicae</i>			+	+		2		
4	Small White	<i>Artogeia rapae</i>						1		
5	Bath White	<i>Pontia daplidice</i>		1						
6.5	Clouded Yellow	<i>Colias crocea</i>		+		+		2		
7.8	Brimstone	<i>Gonepteryx rhamni</i>		1	+		+			
9.1	Small Copper	<i>Lycaena phlaeus</i>						2		
10	Lang's Short-tailed Blue	<i>Syntarucus pirithous</i>			+					
12	Holly Blue	<i>Celastina argiolus</i>					+			
13	Brown Argus	<i>Aricia agestis</i>				1		2		
14	Red Admiral	<i>Vanessa atalanta</i>				1				
16	Painted Lady	<i>Cynthia cardui</i>						+		
17	Meadow Brown	<i>Maniola jurtina</i>					1	1		
18	Speckled Wood	<i>Pararge aegeria</i>		+		+		+		
20	Wall Brown	<i>Lasiommata megera</i>			+					
21	Corsican Heath	<i>Coenonympha corinna</i>		+	+					
22	Cleopatra	<i>Gonepteryx cleopatra</i>				3			1	

Reptiles

1	Wall Lizard	<i>Podarcis tiliguerta</i>						+		
2	Italian Wall Lizard	<i>Podarcis sicula cetti</i>			+	+	+	+	+	
3	Dark-green Whip Snake	<i>Coluber viridiflavus</i>		1						
4	Mediterranean Gecko	<i>Hemidactylus turcicus</i>					3	2		