

Spain - Spring Flowers of Western Andalusia

Naturetrek Tour Report

19 - 26 March 2014



2014 Naturetrek Group - Peter MacLeod



Iris planifolius - Philip Leather



Ophrys speculum - Herb Askew



Viola demetria - Herb Askew

Report compiled by Paul Harnes & Lizzie Cooke

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Day 1

Wednesday 19th March

Weather: Fine, warm and sunny

Ten tour group members met with Lizzie and Paul at Gatwick for the flight to Malaga. Upon our arrival, we made our way from the baggage collection area to where our leaders collected their vehicles. We left Malaga via the perimeter road towards El Peron, before joining the Campilos road, passing the 'white village' of Ardales. A little way further on, we stopped at the Venta El Cordobes, where we had a late lunch. On the verge outside the restaurant, we found *Silybum marianum* (Milk Thistle) and *Ecballium elaterium* (Squirting Cucumber). Overhead, Common House Martins and Barn Swallows were seen, probably on their way north. Corn Bunting was also heard. After our refreshments, we continued south, through Cuevas del Becerro, to the outskirts of Ronda and onwards to our final destination, the Finca la Guzman, our accommodation for the week. We were met by Peter McLeod, our host who quickly settled us into our rooms before supplying tea and coffee. At 19-30hrs, we met in the lounge, where Peter outlined details of the Finca and the surrounding area, and Paul gave a brief outline of the plans for the first few days. We then went down the road to the Venta Cordoniz for supper.

Day 2

Thursday 20th March

Weather: Fine, warm and sunny, with some very light rain in the afternoon.

After a superb breakfast, we drove down to Ronda, and off on the Seville road toward the village of Grazalema. As we drove, we recorded Corn Bunting and Crested Lark. We made a brief stop to take photos of the village, and whilst we were there, we recorded *Asphodelus albus* (White Asphodel), *Cistus monspeliensis* (Narrow-leaved Cistus), *Quercus faginea* (Beach-leaved Oak), *Quercus suber* (Cork Oak) and *Myrtis communis* (Myrtle). Moving on, we made our next stop on a broad verge to the south of Grazalema, on the road to Ubrique. Here we recorded our first native Daffodil, *Narcissus fernandesii*, together with *Erodium primulaceum* (a Stork's-bill), with large pink flowers. An adjacent cliff face produced twenty or so Griffon Vultures, Red-billed Chough and a Peregrine Falcon. We also saw Southern Grey Shrike and Common Chaffinch. Along the verge we also recorded Clouded Yellow and Western Dappled White butterflies.

Retracing our steps, we made our way through Grazalema, and onward, a short distance from the town, to the car park at the start of our proposed walk in the Sierra del Pinar. The occasional Griffon Vulture drifted aimlessly overhead as we set off. Along the path-side we found *Romulea bulbocodium* (Sand Crocus), *Ophrys fusca* (Sombre Bee Orchid), and the young leaves of *Ptilostemon hispanicus* (a Thistle). The path rose through *Pinus pinaster* (Maritime Pine) forest, mixed with *Quercus* species (Oaks) and *Juniperus* species (Juniper). Common Firecrest, Eurasian Jay and European Crested Tit were seen as we progressed, and a small spring pool produced several *Salamandra salamandra* (Fire Salamander) tadpoles.

After about one and a half kilometres, we emerged from the forest onto an open saddle, with splendid views in all directions. Exploration of an area of broken limestone boulders, adjacent to the path, revealed *Narcissus assoanus* (Rush-leaved Jonquil) and the diminutive, yellow *Viola demetria* and *Arenaria tetraquetra* (Spanish Sandwort). Black Redstart was also present. On the northern side of the ridge, towards the Cerro de San Cristobel, we could clearly see one of only two relic population remnants of *Abies pinsapo* (Spanish Fir) forest. After our descent, we took our picnic, before continuing on. During our lunch, Great Tit, Eurasian Blue Tit, Griffon Vulture and Rock Bunting were all seen, and as we were leaving the car park a small group of four *Capra pyrenaica* (Spanish Ibex) were seen grazing.

We drove on up and over the 'Puerto de las Palomas' (Pass of the Doves), where we began the decent towards Zahara, stopping on a rocky roadside. Here we admired some good numbers of *Orchis olbiensis* (an Early Purple Orchid) and several good specimens of *Himantoglossum robertianum* (Giant Orchid). Our next stop of the day was at the 'Gargante Verde'. Here, we saw *Narcissus assoanus* (Rush-leaved Jonquil), *Ophrys tenthredinifera* (Sawfly Orchid), *Ophrys fusca* (Sombre Bee Orchid), *Ulex parviflorus* (Small-flowered Gorse), *Myrtis communis* (Myrtle) and *Fedia cornucopiae* (Fedia). Sardinian Warbler, Common Blackbird and a solitary Mistle Thrush were also seen. From here we set off back towards Ronda and the Finca in time for a splendid dinner, cooked by Peter.

Day 3

Friday 21st March

Weather: Fine, warm and sunny

Today we travelled in the opposite direction, towards the village of El Burgo. Our first stop was on the 'Puerto del Viento'. Here, Griffon Vultures were just taking to the air and numerous Red-billed Coughs were calling in the distance. We also had good scoped views of Black-eared Wheatear. Our second stop was to see a display of *Iris planifolia* (Flat-leaved Iris). Some adjacent rocks had *Galium verrucosum* (a Bedstraw), *Viola demetria* and several clumps of the endemic *Biscutella frutescens* (Perennial Buckler Mustard), and some *Crataegus monogyna* (Hawthorn) bushes had been infested with *Viscum cruciatum* (Red-berried Mistletoe). Sardinian Warbler and Woodlark were also seen.

Our third stop of the morning was at the Mirador del Guarda Forestal. Here we were treated to a wonderful display of aerial agility by a solitary Peregrine Falcon, and several Eurasian Crag Martins. Blue Rock Thrush and Rock Bunting were also seen, together with Spanish Festoon, Large White and Scarce Swallowtail butterflies. The plants kept the group busy for some time, and included, *Hyacinthoides hispanicus* (Spanish Bluebell), *Aristolochia baetica* (a Birthwort), *Microthlaspi perfoliata* (Perfoliate Pennycress), *Ornithogalum baeticum* (a Star of Bethlehem), *Jasminum fruticans* (Jasmine), *Olea europaea* (Wild Olive) and *Linaria tristis* (a Toadflax).

Continuing on to El Burgo, we made good time, before turning right and on towards Ardales. Along the way we saw *Fraxinus angustifolium* (Narrow-leaved Ash). In Ardales, we noted *Hyoscyamus albus* (White Henbane) growing on a wall, and *Nicotiana glauca* (Shrub Tobacco) on some waste ground. We now took the road along the eastern shore of the Embalse del Conde de Guadalhorce Lake, to our main objective, the 'Mirador de las Embalsas', where three lakes meet. Here we parked. An exploration in the *Pinus halepensis* (Aleppo Pine) woodland revealed *Ophrys speculum* (Mirror Orchid) *Orchis italica* (Naked Man Orchid), *Orchis tenthredinifera* (Sawfly Orchid), *Ophrys lutea* (Yellow Bee Orchid) and the fruiting heads of *Narcissus cantabricus* (White Hoop-petticoat Daffodil). Birds seen here included Wren, Great Tit, European Crested Tit, Red Crossbill, Yellow-legged Gull, Common Chaffinch and Griffon Vulture.

After our picnic lunch, we walked down towards the road, finding *Rupicapnos africana*, *Ranunculus spicatus* subsp. *blepharicarpos* (Rock Buttercup), *Chaenorbinum villosum*, *Lithodora prostrata* subsp. *lusitanica* (a Gromwell), *Muscari neglectum* (Grape Hyacinth), *Orchis collina* (Fan-lipped Orchid), *Fritillaria lusitanica* (Portuguese Fritillary), *Lavandula multifida* (Cut-leaved Lavender) and *Reseda phyteuma* (Corn Mignonette).

We now made our way to El Chorro, through a spectacular gorge, to the cafe by the Caminito del Rey (Kings Walk), to admire the geology of the gorge, and the precipitous 'walk-way', on the other side. Here we enjoyed refreshments and some botanising. We found, *Acanthus mollis* (Bear's-breech), *Rupicapnos africana*, *Samolus valerandi* (Brookweed), *Adiantum capillus-veneris* (Maidenhair Fern), *Vinca difformis* (Intermediate Periwinkle) and *Populus x canescens* (Grey Poplar). More Griffon Vultures were present, and a flock of possible Alpine Swift were seen over a distant hillside. It was now time to make our way back to base for dinner.

Day 4

Saturday 22nd March

Weather: Fine and warm, becoming cloudy later with some heavy showers

After breakfast, we headed off in a south easterly direction, towards San Pedro, and into the Sierra de las Nieves National Park. Our objective was the Los Quejigales recreation area, situated some eight kilometres from the road. The park road took us, initially, through *Quercus* woodland and shrubby scrub below, then on up through a mixture of *Pinus halepensis* and *Pinus pinaster* (Aleppo and Maritime Pine) woodland, before emerging above the tree line into an exposed limestone area. It was in this latter habitat that we made our first stop, finding *Narcissus assoanus* (Rush-leaved Jonquil), *Orchis olbiensis* (an Early Purple Orchid), *Lonicera arborea* (Tree Honeysuckle) and *Orchis conica*. Birds here were rather quiet, but Red-billed Chough and Great Tit were heard.

Our second stop was close to the Area Recreativa Los Quejigales. This is a wet grassy area which has a good colony of *Narcissus bugei* (Long-spathed Daffodil), scattered among small bushes. Also growing here was *Ficaria verna* subsp. *ficarioides* (Lesser Celandine), *Romulea bulbocodium* (a Sand Crocus) and, on an adjacent woodland margin, *Daphne laureola* (Spurge Laurel). Several Griffon vultures drifted over us, as well as Red-billed Chough, Northern Raven and a solitary Short-toed Snake Eagle. In the trees, Common Firecrest, European Robin and Eurasian Siskin were heard. Parking the vehicles at Los Quejigales, we set off for a walk on a path that would eventually lead to the Puerto de los Pilonos. We began in *Pinus pinaster* (Maritime Pine) and *Pinus halepensis* (Aleppo Pine) woodland. Also present were *Rubia peregrina* (Wild Madder) and *Narcissus bugei* (Long-spathed Daffodil).

After a gentle climb of about 300 metres, we came to the tree line, where occasional *Abies pinsapo* (Spanish Fir) were scattered. Above this, where the path began to climb more steeply, the second native population of this tree remains. Several members of the group continued on up to them, passing *Lavandula lanata* (Woolly Lavender), a local endemic, and *Helichrysum stoechas* (Curry Plant), as they went. Overhead occasional Griffon Vultures continued to appear, together with Peregrine Falcon, Common Buzzard and a pair of Northern Ravens. Good views were had of Common Firecrest and European Green Woodpecker was heard several times, but failed to show itself. After our descent, we took our lunch in the Los Quejigales picnic site. During the meal, Eurasian Nuthatch was heard.

After lunch, we drove back to Ronda, parking in the car park on the north side of the town. We then walked down through the pedestrian precinct to the cliff-edge walk. Common Kestrel, Blue Rock Thrush, Griffon Vulture, Eurasian Crag Martins, Booted Eagle and Peregrine Falcon were all seen, as well as *Smyrniium olusatrum* (Alexanders), *Moricandia moricandioides* (a Purple Cabbage), *Sedum sediforme*, and *Calendula arvensis* (Field Marigold) were all added to the day's lists. At this point, our leaders left us to explore Ronda at our leisure, before collecting us from a pre-arranged spot to return to the Finca for dinner.

Day 5

Sunday 23rd March

Weather: Fine, warm and sunny, with a chilly breeze early on

Today, we returned to the Grazalema area, where we parked below the cliffs on the south side of the village. The plan was to explore the cliffs and broad road verges. *Anagyris foetida* (Bean Trefoil), *Linaria platycalyx* (a Toadflax) and the endemic *Hesperis laciniata* (Cut-leaved Dame's Violet) were early finds. Above the cliffs a good number of Griffon Vultures were soaring, and with them there was a Short-toed Snake Eagle and an Egyptian Vulture. As we made our way towards the village, we added *Scrophularia sambucifolia* (Elder-leaved Figwort), *Narcissus papyraceus* (Paper-white Daffodil), *Ophrys bombyliflora* (Bumblebee Orchid) and *Cerinth major var. purpurescens* (Greater Honeywort). The boulder-strewn fields produced Black Wheatear, Blue Rock Thrush, European Serin and Eurasian Wren.

From here we continued through Grazalema and on up to the Puerto de las Palomas (Pass of the Doves), where we made a short stop for photographs, before continuing on to the Mirador de las Acebuches, where we had our picnic lunch. After our meal, some exploration revealed *Fritillaria lusitanica* (Portuguese Fritillary), *Astragalus lusitanicus* (a Milk-vetch) and *Chamaerops humilis* (Dwarf Fan Palm) and, overhead, a flock of thirty Red-billed Choughs were calling. *Anacridium aegyptium* (Egyptian Grasshopper) and *Buthus occitanicus* (Scorpion sp.) were also found. We now drove on down to the village of Zahara de la Sierra, where we parked at the top of the town. Here, we found *Erodium tordylioides* (a Stork's-bill), *Linaria platycalyx* (a Toadflax). We also found *Mucizonia hispida* (Mucizonia) and *Campanula mollis* (a Bellflower) but, unfortunately, neither was in flower. Whilst enjoying the botany and the views, Herb spotted a Little Owl in an adjacent tree, and a second was seen flying away from a cliff. The final stop of the day was on the banks of the Embalsa de Zahara El Gator. As we parked, Neil spotted a Thekla Lark watching the world from its vantage point on a fence post, a female Stonechat and, on the far side of the reservoir, several Great Cormorants sitting in trees. The banks produced *Ophrys lutea* (Yellow Bee Orchid), *Ophrys bombyliflora* (Bumblebee Orchid), *Himantoglossum robertianum* (Giant Orchid), *Retama monosperma* (Bridal Veil Broom) and a single spike of *Orchis collina* (Fan-lipped Orchid), well past its best.

As we were making our way back to the vehicles, Lizzie found the curious nymph of *Empusa pennata* (Empusid Mantis). Re-joining the vehicles, we set off back to the finca in time for dinner.

Day 6

Monday 24th March

Weather: Fine, warm and sunny

Leaving Finca La Guzmaná, we took the road towards Campillos. Barn Swallow and Crested Lark were seen as we went. When we passed through the small village of Teba, and turned east joining the main Malaga to Antequera road, and continued on Via Campillos. Passing through Antequera, we made our way up to the summit of El Torcal, the highest point in the El Torcal de Antequera National Park, and parked by the visitor centre. As we approached the car park, we saw a small group of Spanish Ibex sunning themselves and browsing among the rocks. Rock Bunting, Sardinian Warbler and Black Redstart were very much in evidence. After we had had coffee and watched a short video explaining the formation of the 'Karst' limestone structures, we set off to explore. We walked one of the circular tracks finding *Euphorbia characias subsp. characias* (Mediterranean Spurge) and the leaves of the beautiful *Linaria antillarum* (a Toadflax) and the leaves of *Saxifraga biternata* (El Torcal Saxifrage), a local endemic. As we were leaving, the group were also treated to some excellent views of several Spanish Ibex lying in the morning sun, on the rocks. Blue Rock Thrush, Griffon Vulture and Red-billed Chough were also seen.

We then enjoyed our picnic lunch among the spectacular limestone outcrops and boulders. Black Redstarts and Robin were seen here too. After we had eaten, some of the group elected to walk down the road towards the access point to the National Park, seeing more Ibex as they went, and finding *Himantoglossum robertianum* (Giant Orchid), *Ophrys tenthredinifera* (Sawfly Orchid) and *Orchis collina* (Fan-lipped Orchid) as they went.

It was now time to begin our journey back to Ronda. However, we made two more stops before reaching our destination. Retracing our steps, we made a stop at Lake Dulce, near Campillos, along the way we saw Eurasian Hoopoe, European Goldfinch and Common Stonechat. The lake had quite an array of water birds, including Northern Shoveler, Common Pochard, Gadwall and Mallard. There was also large numbers of Eurasian Coot and Little Grebe, Yellow-legged, Common and Black-headed Gulls, Black-necked Grebe, Northern Lapwing and Grey Heron. We also saw Western Marsh Harrier and heard Cetti's Warbler. Our last stop of the day was the cutting, hillside and river gorge at Tajo del Milano. The roadside had a number of clumps of the white *Antirrhinum graniticum* (a Snapdragon) and *Asphodelus fistulosus* (Small Asphodel), whilst the hillside produced *Ophrys speculum* (Mirror Orchid), *Jasminum fruticans* (Wild Jasmine), *Genista umbellata*, *Muscari comosum* (Tassel Hyacinth) and *Lathyrus cicera*. In the gorge we saw a fine flock of Alpine Swift, a skittish group of Rock Doves, Common Kestrel, Common Linnet and Eurasian Crag Martin, before re-joining the vehicles for the final leg of the journey back to Ronda.

Day 7

Tuesday 25th March

Weather: Fine, Warm and sunny, but with a strong breeze

After breakfast, we again left the hotel and drove down towards Ronda, before taking the Seville road, turning off towards Benaolan and Montejaque.

At Benaolan, we made our way up to the car park at the 'Cueva de la Pileta' caves. After a brief look at the information board, we walked up the path and steps to the entrance, where Lizzie purchased the tickets for our visit. Following our tour of the caves, we had a brief explore of the car park, finding *Calycotome villosa* (Prickly Broom) and *Crambe filiformis* (Spanish Kale). Griffon Vulture, Blue Rock Thrush, European Serin, Eurasian Blackcap and Sardinian Warbler were all active.

In the small town of Montejaque, we took a sharp turn and made our way up to the 'Hidden Valley' in the Sierra de Montalata, where we parked. European Stonechat, Black Wheatear, Great Tit and a good number of Griffon Vultures were seen. A high cliff produced *Saxifraga bourgeana* (a Saxifrage), *Narcissus cuatrecasasii* (Rock Jonquil), *Asplenium trichomanes subsp. pachyrachis* (Maidenhair Spleenwort), *Ornithogalum reverchonii* (a Star of Bethlehem), *Clematis cirrhosa* (Maiden's Bower) and *Fedia cornucopiae var. scorpioides* (a Fedia) was seen. It was a good morning for butterflies, despite the strong wind, and several were recorded including Small Copper, Small White and Clouded Yellow. At the top of the valley, Paul and Lizzie set up our picnic. Continuing to scan the sky, it was not long before Neil found a hovering Short-toed Snake Eagle and a Common Kestrel, as well as Woodlark and the usual Red-billed Chough, Griffon Vulture, Greenfinch and Great Tit. We now made our way lower down the valley, where we stopped to explore the verges of the access track to the valley. Here we found *Bitumaria bituminosa* (Pitch Trefoil), *Lathyrus chymenum* (a Pea), *Cytisus baetica* (a Broom) and *Moraea sisyrinchium* (Barbary Nut). Cleopatra and Western Dappled White butterflies were also recorded.

We left Montejaque, and made our way north, stopping below the Cerro de Tavizna, to explore a rocky verge. *Orchis olbiensis* (an Early Purple Orchid), *Vinca difformis* (Intermediate Periwinkle), *Saxifraga granulata* (Meadow Saxifrage), *Linaria aeruginea* (a Toadflax) and *Muscari neglectum* (Grape Hyacinth) were all recorded. Our last stop of the day was little further on where, in a patch of scrub, we found a number of *Himantoglossum robertianum* (Giant Orchid), one of which was a white and green flowered form. It was time to make our way back to the finca to pack before enjoying the last of Peter's wonderful dinners.

Day 8

Wednesday 26th March

Weather: Cloudy at first, becoming warm, dry and sunny.

After an early breakfast, we said our farewells to Peter and thanked him for a wonderful stay in this beautiful area. We then set off for Malaga airport in good time for our flight back to the UK.

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Species Lists

Plants (* indicates a plant is endemic)

Scientific name	Common name	Location
PTERIDOPHYTES		
Calamophytes		
Equisetaceae		
<i>Equisetum ramosissimum</i>	Branched Horsetail	Near El Chorro
Leptosporangiate Ferns		
Aspleniaceae		
<i>Asplenium trichomanes subsp. pachyrachis</i>	Maidenhair Spleenwort	Hidden Valley
<i>Asplenium trichomanes subsp. quadrivalens</i>	Maidenhair Spleenwort	El Torcal
<i>Asplenium ceterach</i>	Rustyback	Sierra del Pinar
Polypodiaceae		
<i>Polypodium cambricum</i>	Southern Polypody	Mirador del Guarda Forestal
<i>Polypodium interjectum</i>	Intermediate Polypody	
Pteridaceae		
<i>Adiantum capillus-veneris</i>	Maidenhair Fern	El Chorro
Sinopteridaceae		
<i>Cheilanthes maderense</i> (C. pteridioides)	Resurrection Fern	Mirador del Guarda Forestal
GYMNOSPERMS		
Cupressaceae		
<i>Cupressus macrocarpa</i>	Monterey Cypress	Naturalising at Grazalema
<i>Cupressus sempervirens</i>	Italian Cypress	Naturalising at Grazalema
<i>Juniperus communis</i>	Juniper	Near El Burgo
<i>Juniperus oxycedrus</i>	Prickly Juniper	Sierra de las Nieves
<i>Juniperus phoenicea subsp. phoenicea</i>	Phoenician Juniper	Near El Chorro
Pinaceae		
<i>Abies pinsapo</i>	Spanish Fir	Sierra del Pinar
<i>Cedrus deodar</i>	Deodar Cedar	Sierra de las Nieves (Planted)
<i>Pinus halepensis</i>	Aleppo Pine	Near El Chorro
<i>Pinus pinaster</i>	Maritime Pine	Sierra del Pinar
<i>Pinus pinea</i>	Stone or Umbrella Pine	Passo de las Palomas
ANGIOSPERMS		
Pre-dicots		
Aristolochiaceae		
<i>Aristolochia baetica</i>	a Birthwort	Mirador del Guarda Forestal
<i>Aristolochia paucinervis</i>	a Birthwort	Below Grazalema
FERNS & ALLIES		
Horsetails		
Horsetail Family		
True Ferns		
Spleenwort Family		
Polypody Family		
Ribbon Fern Family		
Lip Fern Family		
CONIFERS		
Juniper Family		
Pine Family		
FLOWERING PLANTS		
Primitive Angiosperms		
Birthwort Family		

Scientific name	Common name	Location
Lauraceae <i>Laurus nobilis</i>	Laurel Family Bay	Sierra de las Nieves
Eu-dicots	True Dicotyledons	
Acanthaceae <i>Acanthus mollis</i>	Bear's-breech Family Bear's-breech	El Chorro
Anacardiaceae <i>Pistacia lentiscus</i>	Sumach Family Mastic Bush	Between Grazalema & Zahara
Apiaceae <i>Aegopodium podagraria</i> <i>Bupleurum fruticosum</i> <i>Bupleurum lancifolium</i> <i>Bupleurum spinosum</i> <i>Eryngium campestre</i> <i>Ferula communis</i> <i>Foeniculum vulgare</i> <i>Oenanthe sp.</i> <i>Scandix pecten-veneris</i> <i>Smyrniololus satrum</i> <i>Thapsia garganica</i>	Carrot Family Ground-elder Shrubby Hare's-ear - Spiny Hare's-ear Field Eryngo Giant Fennel Fennel a Water Dropwort Shepherd's Needle Alexanders Thapsia	Zahara de la Sierra Between Grazalema & Zahara Sierra del Pinar (Leaves) Gargante Verde Gargante Verde Tajo del Molino Below Grazalema Sierra del Pinar (Leaves)
Apocynaceae <i>Nerium oleander</i> <i>Vinca difformis</i>	Periwinkle Family Oleander Intermediate Periwinkle	Naturalised on roadsides Below Grazalema
Araliaceae <i>Hedera helix agg</i>	Ivy Family Ivy	Sierra de las Nieves
Asteraceae <i>Anthemis cotula</i> <i>Bellis perennis</i> <i>Bellis sylvestris</i> <i>Calendula arvensis</i> <i>Carlina corymbosa</i> <i>Centaurea calcitrapa</i> <i>Centaurea clementei*</i> <i>Centaurea pullata</i> <i>Dittrichia graveolens</i> <i>Dittrichia viscosa</i> <i>Galactites tomentosa</i> <i>Glebionis coronarium var. coronarium</i> <i>Glebionis coronarium var. discolor</i> <i>Helichrysum stoechas</i> <i>Hyoseris radiata</i> <i>Pallenis spinosa</i> <i>Phagnalon saxatile</i> <i>Ptilostemon hispanica</i> <i>Reichardia tingitana</i> <i>Senecio nevadensis</i>	Daisy Family Stinking Mayweed Daisy Southern Daisy Field Marigold Flat-topped Carlina Thistle Red Star Thistle Clemente's Knapweed - Stinking Fleabane Woody Fleabane Galactites Crown Daisy Crown Daisy Curry Plant Hyoseris Pallenis Phagnalon Spanish Thistle Reichardia a Ragwort	Below Grazalema Below Grazalema Sierra del Pinar Sierra del Pinar Sierra del Pinar Sierra del Pinar Below Grazalema Between Grazalema & Zahara Between Grazalema & Ubrique El Chorro Near Malaga Airport Near Malaga Airport Near Malaga Airport Sierra de las Nieves Sierra del Pinar Zahara de la Sierra Zahara de la Sierra Sierra del Pinar (leaves) Zahara de la Sierra Cerro Tavizna

Scientific name	Common name	Location
<i>Sencio vulgare</i>	Groundsel	El Chorro
<i>Silybum marianum</i>	Milk Thistle	Verge opposite Venta Cordobes
<i>Urospermum picroides</i>	a Urospermum	Ronda
Berberidaceae	Barberry Family	
<i>Berberis hispanica</i>	Spanish Barberry	Sierra del Pinar
Boraginaceae	Forget-me-not Family	
<i>Borago officinalis</i>	Borage	El Chorro
<i>Cerinth major var. purpurescens</i>	Greater Honeywort	Below Grazalema
<i>Cynoglossum cheirifolium</i>	a Hound's-tongue	Mirador del Guarda Forestal
<i>Cynoglossum clandestinum</i>	a Hound's-tongue	Below Grazalema
<i>Echium albicans</i>	-	Near El Chorro (leaves)
<i>Echium boissieri</i>	Boissier's Viper's Bugloss	Between Grazalema & Ubrique (over)
<i>Echium plantagineum</i>	Purple Viper's Bugloss	Below Grazalema
<i>Echium vulgare</i>	Viper's Bugloss	Ronda
<i>Lithodora prostrata subsp. lusitanica</i>	a Gromwell	Near El Chorro
Brassicaceae	Cabbage Family	
<i>Biscutella frutescens*</i>	-	E of the Puerto de los Ladrones
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	Gargante Verde
<i>Cardamine hirsuta</i>	Hairy Bittercress	SE of Grazalema
<i>Clypeola jonthlaspi</i>	Clypeola	Between Grazalema & Zahara
<i>Crambe filiformis</i>	Thin Sea Kale	Cueva de la Pileta
<i>Erophila verna subsp. praecox</i>	Whitlow-grass	Sierra del Pinar
<i>Eruca vesicaria</i>	Rocket	Gargante Verde
<i>Erysimum cheiri</i>	Wallflower	Ronda
<i>Hesperis laciniatus</i>	Cut-leaved Dame's Violet	Below Grazalema
<i>Hirschfeldia incana</i>	Hoary Mustard	Ronda
<i>Hornungia petraea</i>	Hutchinsia	Sierra del Pinar
<i>Ionopsidium prolongoi*</i>	-	Sierra de las Nieves
<i>Lobularia maritima</i>	Sweet Alison	Mirador del Guarda Forestal
<i>Microthlaspi (Thlaspi) perfoliatum</i>	Perfoliate Pennycress	Mirador del Guarda Forestal
<i>Moricandia moricandioides</i>	Purple Cabbage	Ronda
<i>Sinapis alba</i>	White Mustard	Ronda
Cactaceae	Cactus Family	
<i>Opuntia ficus-indica</i>	Barbary Fig or Prickly Pear	Commonly naturalised
Campanulaceae	Bellflower Family	
<i>Campanula mollis</i>	a Bellflower	Zahara de la Sierra (leaves)
Caprifoliaceae	Honeysuckle Family	
<i>Lonicera arborea</i>	Tree Honeysuckle	Sierra de las Nieves
Caryophyllaceae	Pink Family	
<i>Arenaria tetraquetra</i>	Spanish Sandwort	Sierra del Pinar
<i>Cerastium fontanum</i>	Common Mouse-ear	SE of Grazalema
<i>Cerastium glomeratum</i>	Sticky Mouse-ear	Below Grazalema
<i>Dianthus sp.</i>	a Pink	Cerro Tavizna
<i>Paronychia capitata</i>	a Paronychia	Gargante Verde

Scientific name	Common name	Location
<i>Silene colorata</i>	a Catchfly	Zahara de la Sierra
<i>Silene gallica</i>	Small-flowered Catchfly	Gargante Verde
<i>Silene latifolia</i>	White Campion	Ronda
<i>Stellaria media</i>	Chickweed	Laguna Dulce
Cistaceae	Rock-rose Family	
<i>Cistus albidus</i>	Grey-leaved Cistus	Sierra del Pinar
<i>Cistus monspeliensis</i>	Narrow-leaved Cistus	SE of Grazalema
<i>Helianthemum origanifolium</i>	Marjoram-leaved Rock-rose	Near El Chorro
Convolvulaceae	Bindweed Family	
<i>Convolvulus althaeoides</i>	Mallow-leaved Bindweed	Zahara de la Sierra
<i>Convolvulus siculus subsp. siculus</i>	Small Blue Convolvulus	Cueva de la Pileta
<i>Cuscuta epithymum</i>	Dodder	Mirador del Guarda Forestal
Crassulaceae	Stonecrop Family	
<i>Aeonium arboreum</i>	Tree Aeonium	Zahara de la Sierra
<i>Mucizonia hispida</i>	Mucizonia	Zahara de la Sierra (leaves)
<i>Sedum brevifolium</i>	Short-leaved Stonecrop	Sierra del Pinar
<i>Sedum sediforme</i>	Large Stonecrop	Sierra del Pinar
<i>Umbilicus rupestris</i>	Navelwort	E of the Puerto de los Ladrones
Cucurbitaceae	White Bryony Family	
<i>Bryonia cretica</i>	White Bryony	Mirador del Guarda Forestal
<i>Ecballium elaterium</i>	Squirting Cucumber	Verge opposite Venta Cordobes
Euphorbiaceae	Spurge Family	
<i>Euphorbia characias subsp. characias</i>	Large Mediterranean Spurge	Below Grazalema
<i>Euphorbia helioscopia</i>	Sun Spurge	Gargante Verde
<i>Euphorbia nicaeensis</i>	-	Roadside W of Ronda
<i>Mercurialis annua</i>	Annual Mercury	Below Grazalema
<i>Ricinus communis</i>	Castor Oil Plant	Common on Roadsides
Fabaceae	Pea Family	
<i>Acacia retinodes</i>	Swamp Wattle	Roadside NW of Malaga
<i>Anagyris foetida</i>	Bean Trefoil	Below Grazalema
<i>Anthyllis cystoides</i>	Shrub Kidney-vetch	Near El Chorro
<i>Astragalus lusitanicus</i>	a Milk-vetch	Between Grazalema & Zahara
<i>Bituminaria bituminosa</i>	Pitch Trefoil	Hidden Valley
<i>Calycotome villosa</i>	-	Cueva de la Pileta
<i>Ceratonia siliqua</i>	Carob	Gargante Verde
<i>Cercis siliquastrum</i>	Judas Tree	Planted
<i>Cytisus baeticus</i>	-	Hidden Valley
<i>Genista umbellata</i>	-	Tajo del Molino
<i>Lathyrus annuus</i>	Annual Pea	Below Grazalema
<i>Lathyrus cicera</i>	-	Tajo del Molino
<i>Lathyrus clymenum</i>	-	Hidden Valley
<i>Retama (Lygos) monosperma</i>	Bridal Veil Broom	Sierra del Pinar
<i>Retama (Lygos) sphaerocarpa</i>	-	Embalse de Zahara - El Gastor
<i>Scorpiurus muricatus</i>	Spiny Scorpion-vetch	Hidden Valley
<i>Spartium junceum</i>	Spanish Broom	Roadsides
<i>Stauracanthus bovinii</i>	-	Sierra del Pinar

Scientific name	Common name	Location
<i>Tetragonolobus purpureus</i>	Asparagus Pea	Below Grazalema
<i>Ulex parviflorus</i>	Small-flowered Gorse	
<i>Vicia faba</i>	Broad Bean	Crop relic, Below Grazalema
Fagaceae	Oak & Beech Family	
<i>Quercus coccifera</i>	Kermes Oak	SE of Grazalema
<i>Quercus faginea</i>	Beech-leaved Oak	SE of Grazalema
<i>Quercus ilex</i>	Holm oak	SE of Grazalema
<i>Quercus suber</i>	Cork Oak	SE of Grazalema
Fumariaceae	Fumitory Family	
<i>Fumaria bastardii</i>	-	Hidden Valley
<i>Fumaria muralis</i>	Common Ramping Fumitory	Mirador del Guarda Forestal
<i>Rupicapnos africana</i>	-	Near El Chorro
Geraniaceae	Geranium Family	
<i>Erodium cicutarium</i>	Common Stork's-bill	E of the Puerto de los Ladrones
<i>Erodium malacoides</i>	Mallow-leaved Stork's-bill	Mirador del Guarda Forestal
<i>Erodium moschatum</i>	Musk Stork's-bill	Finca LA Guzman
<i>Erodium primulaeum</i>	-	Between Grazalema & Ubrique
<i>Erodium tordylioides</i>	a Stork's-bill	Zahara de la Sierra
<i>Geranium lucidum</i>	Shiny Crane's-bill	Mirador del Guarda Forestal
<i>Geranium molle</i>	Dove's-foot Crane's-bill	Below Grazalema
<i>Geranium purpureum</i>	Little Robin	Mirador del Guarda Forestal
<i>Geranium pyrenaicum</i>	Hedgerow Crane's-bill	
<i>Geranium robertianum</i>	Herb-robert	
<i>Geranium rotundifolium</i>	Round-leaved Crane's-bill	
Lamiaceae	Dead-nettle Family	
<i>Ballota pseudodictamnus</i>	Garden Horehound	Gargante Verde
<i>Lamium amplexicaule</i>	Henbit Deadnettle	Mirador del Guarda Forestal
<i>Lavandula lanata*</i>	Woolly Lavender	Sierra de las Nieves
<i>Lavandula multifida</i>	Cut-leaved Lavender	Near El Chorro
<i>Mentha x verticillata</i>	Apple Mint	El Chorro
<i>Phlomis purpurea</i>	Purple Phlomis	Sierra del Pinar (over)
<i>Rosmarinus officinalis</i>	Rosemary	Near Zahara de la Sierra
<i>Salvia argentea</i>	Silver Sage	Sierra de las Nieves
<i>Salvia verbenaca</i>	Wild Clary	Gargante Verde
<i>Stachys arvensis</i>	Field Woundwort	Below Grazalema
<i>Teucrium polium agg.</i>	Felty Germander	Sierra del Pinar
<i>Thymus capitatus</i>	Capitate Thyme	Sierra del Pinar (leaves)
Malvaceae	Mallow Family	
<i>Malva sylvestris</i>	Common Mallow	Ronda
Moraceae	Fig Family	
<i>Ficus carica</i>	Fig	Common naturalised
Myrtaceae	Myrtle & Gum Family	
<i>Eucalyptus camaldulensis</i>	River Red Gum	Roadsides
<i>Eucalyptus globulus</i>	Tasmanian Blue Gum	Roadsides
<i>Myrtis communis</i>	Myrtle	Gargante Verde

Scientific name	Common name	Location
Oleaceae	Olive Family	
<i>Fraxinus angustifolia</i>	Narrow-leaved Ash	Between El Burgo and Ardales
<i>Jasminum fruticans</i>	Jasmine	Mirador del Guarda Forestal
<i>Olea europaea</i>	Olive	Mirador del Guarda Forestal
Oxalidaceae	Wood-sorrel Family	
<i>Oxalis pes-caprae</i>	Bermuda Buttercup	Common Weed
Paeoniaceae	Peony Family	
<i>Paeonia broteroi</i>	a Peony	E of the Puerto de los Ladrones
Papaveraceae	Poppy Family	
<i>Papaver rhoeas</i>	Common Poppy	SE of Grazalema
Plantaginaceae	Plantain Family	
<i>Plantago arenaria</i>	Branched Plantain	Sierra del Pinar
<i>Plantago lagopus</i>	Hare's-tail Plantain	Mirador del Guarda Forestal
<i>Plantago lanceolata</i>	Ribwort Plantain	Gargante Verde
<i>Plantago major</i>	Greater Plantain	Gargante Verde
<i>Plantago serraria</i>	-	Gargante Verde (leaves)
Polygalaceae	Milkwort Family	
<i>Polygala rupestris</i>	Rock Milkwort	Near El Chorro
Polygonaceae	Dock Family	
<i>Rumex scutatus</i>	French or Shield Dock	Between Grazalema and Zahara
Primulaceae	Primrose Family	
<i>Anagallis arvensis (Red & Blue)</i>	Scarlet Pimpernel	Tajo del Molino
<i>Samolus valerandi</i>	Brookweed	El Chorro
Punicaceae	Pomegranate Family	
<i>Punica granatum</i>	Pomegranate	Below Grazalema
Ranunculaceae	Buttercup Family	
<i>Clematis cirrhosa</i>	Virgin's Bower	Mirador del Guarda Forestal
<i>Ficaria verna subsp. ficariiformis</i>	Lesser Celandine	Sierra de las Nieves
<i>Helleborus foetidus</i>	Stinking Hellebore	Sierra de las Nieves
<i>Ranunculus macrophyllus</i>	Large-leaved Buttercup	Sierra de las Nieves
<i>Ranunculus spicatus subsp. blepharicarpos</i>	Rock Buttercup	Near El Chorro
Resedaceae	Mignonette Family	
<i>Reseda alba</i>	White Mignonette	El Chorro
<i>Reseda luteola</i>	Weld	Roadsides
<i>Reseda phyteuma</i>	Corn Mignonette	Near El Chorro
Rosaceae	Rose Family	
<i>Crataegus monogyna</i>	Hawthorn	Sierra de las Nieves
<i>Prunus avium</i>	Wild Cherry	SE of Grazalema
<i>Prunus dulcis</i>	Almond	Occasionally naturalised
<i>Prunus persica</i>	Peach	Tajo del Molino
<i>Prunus prostrata</i>	Prostrate Plum	Sierra del Pinar

Scientific name	Common name	Location
<i>Prunus spinosa</i>	Blackthorn	Oroadsides SE of Grazalema
<i>Rubus ulmifolius</i>	Bramble	Mirador del Guarda Forestal
<i>Sanguisorba minor subsp. minor</i>	Salad Burnet	Sierra del Pinar
Rubiaceae	Bedstraw Family	
<i>Galium verrucosum</i>	-	E of the Puerto de los Ladrones
<i>Rubia peregrina</i>	Wild Madder	Gargante Verde
<i>Sherardia arvensis</i>	Field Madder	Gargante Verde
Rutaceae	Rue Family	
<i>Citrus limon</i>	Lemon	Planted
<i>Citrus sinensis</i>	Orange	Planted
Salicaceae	Willow & Poplar Family	
<i>Populus x canescens</i>	Grey Poplar	El Chorro
Santalaceae	Sandalwood Family	
<i>Osyris alba</i>	Osyris	Below Grazalema
Saxifragaceae	Saxifrage Family	
<i>Saxifraga biternata*</i>	El Torcal Saxifrage	El Torcal (leaves)
<i>Saxifraga bourgaeana*</i>	a Saxifrage	Hidden Valley
<i>Saxifraga granulata</i>	Meadow Saxifrage	Cerro Tavizna
Scrophulariaceae	Figwort Family	
<i>Scrophularia sambucifolia</i>	Elder-leaved Figwort	Below Grazalema
<i>Verbascum giganteum</i>	Giant Mullein	Below Grazalema
Simaroubaceae	Tree of Heaven Family	
<i>Ailanthus altissima</i>	Tree of Heaven	Below Grazalema
Solanaceae	Nightshade Family	
<i>Hyoscyamus albus</i>	White Henbane	Ardales
<i>Mandragora autumnalis</i>	Mandrake	Tajo del Molina
<i>Nicotiana glauca</i>	Shrub Tobacco	Ardales
<i>Solanum nigrum</i>	Black Nightshade	Below Grazalema
Tamaricaceae	Tamarisk Family	
<i>Tamarix gallica</i>	Tamarisk	Embalse de Zahara- El Gastor
Thymelaeaceae	Daphne Family	
<i>Daphne gnidium</i>	Mediterranean Mezereon	Sierra de las Nieves (leaves)
<i>Daphne laureola</i>	Spurge Laurel	Sierra de las Nieves
Ulmaceae	Elm Family	
<i>Ulmus canescens</i>	Small-leaved Elm	Below Grazalema
Urticaceae	Nettle Family	
<i>Parietaria judaica</i>	Pellitory-of-the-wall	Ronda
<i>Parietaria officinalis</i>	Large Pellitory-of-the-wall	Below Grazalema
<i>Urtica membranacea</i>	Membranous Nettle	E of the Puerto de los Ladrones

Scientific name	Common name	Location
Valerianaceae		
<i>Centranthus calcitrapa</i>	Annual Valerian	Below Grazalema
<i>Fedia cornucopiae</i>	Fedia	Gargante verde
<i>Fedia cornucopiae</i> var. <i>scorpioides</i>	a Fedia	Hidden Valley
Veronicaceae		
<i>Antirrhinum barrelieri</i>	a Snapdragon	Near El Chorro
<i>Antirrhinum graniticum</i>	a Snapdragon	Tajo del Molino
<i>Chaenorhinum villosum</i>	-	Near El Chorro
<i>Linaria aeruginea</i> *	a Toadflax	Cerro Tavizna
<i>Linaria anticaria</i> *	a Toadflax	El Torcal
<i>Linaria platycalyx</i> *	a Toadflax	Below Grazalema
<i>Linaria tristis</i>	a Toadflax	Mirador del Guarda Forestal
<i>Veronica cymbalaria</i>	White Speedwell	E of the Puerto de los Ladrones
Violaceae		
<i>Viola demetria</i>	-	Sierra del Pinar
Viscaceae		
<i>Viscum cruciatum</i>	Red-berried Mistletoe	E of the Puerto de los Ladrones
Monocots		
Monocotyledons		
Alliaceae		
<i>Allium ampeloprasum</i>	Wild Leek	Finca La Guzmaná
<i>Allium triquetrum</i>	Three-cornered Leek	Below Grazalema
<i>Narcissus assoanus</i> (<i>N. requienii</i>)	Rush-leaved Jonquil	Gargante verde
<i>Narcissus bugei</i> (<i>N. longispathus bugei</i>)	Long-spathed Daffodil	Sierra de las Nieves
<i>Narcissus cantabricus</i>	White Hoop-petticoat Daffodil	Near El Chorro (over)
<i>Narcissus cuatrecasasii</i> * (<i>N. rupicola</i>)	Rock Jonquil	Hidden valley
<i>Narcissus fernandesii</i>	-	Between Grazalema and Ubrique
<i>Narcissus papyraceus</i>	Paper-white Daffodil	Below Grazalema
Araceae		
<i>Arisarum vulgare</i>	Friar's Cowl	Below Grazalema
<i>Arum italicum</i> subsp. <i>neglectum</i>	Italian Arum	Gargante verde
Arecaceae		
<i>Chamærops humilis</i>	Dwarf Fan Palm	Gargante verde
<i>Phœnix canariensis</i>	Canary Palm	River bank, El Chorro
Asparagaceae		
<i>Agave americana</i>	Century Plant	Commonly naturalised
<i>Asparagus acutifolius</i>	Sharp-leaved Asparagus	Below Grazalema
<i>Asparagus albus</i>	White-Stemmed Asparagus	Mirador del Guarda Forestal
<i>Hyacinthoides hispanica</i>	Spanish Bluebell	Mirador del Guarda Forestal
<i>Muscari comosum</i>	Tassel Hyacinth	Tajo del Molina
<i>Muscari neglectum</i>	Grape Hyacinth	Near El Chorro
<i>Ornithogalum baeticum</i>	a Star of Bethlehem	Mirador del Guarda Forestal
<i>Ornithogalum reverchonii</i> *	a Star of Bethlehem	Hidden Valley
<i>Ruscus aculeatus</i>	Butcher's Broom	El Torcal
<i>Urginea maritima</i>	Sea Squill	Sierra del Pinar (leaves)

Scientific name	Common name	Location
<i>Yucca gloriosa</i>	Yucca	Naturalised on cliffs, Ronda
Cyperaceae	Sedge Family	
<i>Carex caryophylla</i>	Spring Sedge	Sierra del Pinar
<i>Schoenus nigricans</i>	Black Bog-rush	Sierra del Pinar
Dioscoreaceae	Black Bryony Family	
<i>Tamus communis</i>	Black Bryony	Mirador del Guarda Forestal
Iridaceae	Iris Family	
<i>Iris albicans</i>	White Iris	Ronda
<i>Iris foetidissima</i>	Stinking Iris	Tajo del Molina
<i>Iris planifolia</i>	Broad-leaved Iris	E of the Puerto de los Ladrones
<i>Moraea sisyrinchium</i>	Barbary Nut	Hidden Valley
<i>Romulea bulbocodium</i>	a Sand Crocus	Sierra del Pinar
Juncaeae	Rush Family	
<i>Scirpoides holoschoenus</i>	Round-headed Clubrush	E of the Puerto de los Ladrones
Liliaceae	Lily Family	
<i>Fritillaria lusitanica</i>	Portuguese Fritillary	Near El Chorro
<i>Gagea foliosa</i>	a Yellow Star of Bethlehem	Between Grazalema & Zahara
<i>Gagea lacaitae</i>	a Yellow Star of Bethlehem	Mirador del Guarda Forestal
Orchidaceae	Orchid Family	
<i>Himantoglossum robertianum</i>	Giant Orchid	Between Grazalema & Zahara
<i>Ophrys bombyliflora</i>	Bumble Bee Orchid	Below Grazalema
<i>Ophrys fusca</i>	Sombre Bee Orchid	Sierra del Pinar
<i>Ophrys lutea</i>	Yellow Bee Orchid	Near El Chorro
<i>Ophrys speculum</i>	Mirror Orchid	Near El Chorro
<i>Ophrys tenthredinifera</i>	Sawfly Orchid	Gargante verde
<i>Orchis anthropophora</i>	Man Orchid	Near El Chorro
<i>Orchis collina</i>	Fan-lipped orchid	Near El Chorro
<i>Orchis conica</i>	-	Sierra de las Nieves
<i>Orchis italica</i>	Naked Man Orchid	Near El Chorro
<i>Orchis olbiensis</i>	an Early Purple Orchid	Between Grazalema & Zahara
Poaceae	Grass Family	
<i>Anisantha diandra</i>	Great Brome	Mirador del Guarda Forestal
<i>Catapodium rigidum</i>	Fern Grass	Zahara de la Sierra
<i>Cynosurus echinatus</i>	Rough Dog's-tail	Sierra de las Nieves
<i>Hyparrhenia hirta</i>	-	Tajo del Molino
<i>Lagurus ovatus</i>	Hare's-tail Grass	Near El Chorro
<i>Lamarckia aurea</i>	Lamarck's Golden Grass	Zahara de la Sierra
<i>Phragmites australis</i>	Common Reed	Embalse de Zahara-El Gastor
<i>Poa annua</i>	Annual Meadow Grass	Finca La Guzmaná
<i>Vulpia bromoides</i>	Squirrel-tail Fescue	Sierra del Pinar
Smilacaceae	Smilax Family	
<i>Smilax aspera</i>	Common Smilax	Sierra del Pinar

Scientific name	Common name	Location
Typhaceae	Reedmace Family	
<i>Typha latifolia</i>	Bulrush	Laguna Dulce
Xanthorrhoeaceae	Asphodel Family	
<i>Asphodelus aestivus</i>	Common Asphodel	Tajo del Molino
<i>Asphodelus albus</i>	White Asphodel	Sierra del Pinar
<i>Asphodelus fistulosus</i>	Small Asphodel	Tajo del Molino

Birds (✓ = recorded but not counted; LO=leader only; H = heard only)

	Common name	Scientific name	March							
			19	20	21	22	23	24	25	26
1	Red-legged Partridge	<i>Alectoris rufa</i>		H			H			
2	Gadwall	<i>Anas strepera</i>						✓		
3	Mallard	<i>Anas platyrhynchos</i>	✓					✓		
4	Northern Shoveler	<i>Anas clypeata</i>						✓		
5	Red-crested Pochard	<i>Netta rufina</i>						✓		
6	Common Pochard	<i>Aythya farina</i>						✓		
7	Tufted Duck	<i>Aythya fuligula</i>						✓		
8	Little Grebe	<i>Tachybaptus ruficollis</i>						✓		
9	Great Crested Grebe	<i>Podiceps cristatus</i>						✓		
10	Black-necked Grebe	<i>Podiceps nigricollis</i>						✓		
11	White Stork	<i>Ciconia ciconia</i>							✓	
12	Grey Heron	<i>Ardea cinerea</i>						✓		✓
13	Little Egret	<i>Egretta garzetta</i>	✓							✓
14	Great Cormorant	<i>Phalacrocorax carbo</i>		✓	✓		✓			
15	Red Kite	<i>Milvus milvus</i>							✓	
16	Egyptian Vulture	<i>Neophron percnopterus</i>					✓			LO
17	Griffon Vulture	<i>Gyps fulvus</i>	✓	✓	✓	✓	✓	✓	✓	
18	Short-toed Snake Eagle	<i>Circaetus gallicus</i>				✓	✓	✓	✓	
19	Western Marsh Harrier	<i>Circus aeruginosus</i>						✓		
20	Common Buzzard	<i>Buteo buteo</i>				✓	✓	✓	✓	
21	Golden Eagle	<i>Aquila chrysaetos</i>		✓						
22	Booted Eagle	<i>Hieraaetus pennatus</i>				✓			✓	
23	Common Kestrel	<i>Falco tinnunculus</i>		✓	✓	✓	✓	✓	✓	✓
24	Peregrine Falcon	<i>Falco peregrinus</i>		✓	✓	✓	✓	✓		
25	Common Moorhen	<i>Gallinula chloropus</i>						✓		
26	Eurasian Coot	<i>Fulica atra</i>						✓		
27	Black-winged Stilt	<i>Himantopus himantopus</i>						✓		
28	Northern Lapwing	<i>Vanellus vanellus</i>						✓		
29	Common Ringed Plover	<i>Charadrius hiaticula</i>						✓		
30	Black-headed Gull	<i>Chroicocephalus ridibundus</i>						✓		
31	Mew Gull	<i>Larus canus</i>						✓		
32	Yellow-legged Gull	<i>Larus michahellis</i>	✓		✓			✓		
33	Sandwich Tern	<i>Thalasseus sandvicensis</i>						✓		
34	Rock Dove	<i>Columba livia</i>						✓		
35	Common Pigeon	<i>Columba livia feral</i>	✓	✓	✓	✓	✓	✓	✓	✓
36	Common Wood Pigeon	<i>Columba palumbus</i>				H			✓	
37	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	✓	✓	✓	✓	✓	✓	✓	✓
38	Little Owl	<i>Athene noctua</i>					✓			
39	Alpine Swift	<i>Tachymarptis melba</i>						✓		

	Common name	Scientific name	March							
			19	20	21	22	23	24	25	26
40	Common Swift	<i>Apus apus</i>								✓
41	Eurasian Hoopoe	<i>Upupa epops</i>			✓			✓	✓	
42	Great-spotted Woodpecker	<i>Dendrocopos major</i>		H		H				
43	European Green Woodpecker	<i>Picus viridis</i>				✓				
44	Southern Grey Shrike	<i>Lanius meridionalis</i>		✓						
45	Eurasian Jay	<i>Garrulus glandarius</i>		✓		✓	✓		✓	✓
46	Eurasian Magpie	<i>Pica pica</i>	✓							
47	Red-billed Chough	<i>Pyrrhocorax pyrrhocorax</i>		✓	✓	✓	✓	✓	✓	
48	Northern Raven	<i>Corvus corax</i>		H		✓	✓	✓		
49	Coal Tit	<i>Periparus ater</i>		✓	✓	✓	✓			
50	European Crested Tit	<i>Lophophanes cristatus</i>		✓	✓	✓				
51	Great Tit	<i>Parus major</i>		✓	✓	✓	✓	✓	✓	
52	Eurasian Blue Tit	<i>Cyanistes caeruleus</i>		✓	✓		✓	✓	✓	✓
53	Crested Lark	<i>Galerida cristata</i>	✓	✓		✓	✓	✓	✓	✓
54	Thekla Lark	<i>Galerida theklae</i>					✓			
55	Woodlark	<i>Lullula arborea</i>			✓	H			H	
56	Sand Martin	<i>Riparia riparia</i>		✓		✓		✓		
57	Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓	✓	✓	✓	✓	✓
58	Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>			✓	✓	✓	✓	✓	
59	Common House Martin	<i>Delichon urbicum</i>	✓	✓		✓	✓	✓	✓	
60	Red-rumped Swallow	<i>Cecropsis daurica</i>							✓	
61	Cetti's Warbler	<i>Cettia cetti</i>			H			H		
62	Long-tailed Tit	<i>Aegypius caudatus</i>			✓					
63	Zitting Cisticola	<i>Cisticola juncidis</i>	✓							
64	Eurasian Blackcap	<i>Sylvia atricapilla</i>	H	H	H	✓	✓	✓	✓	H
65	Sardinian Warbler	<i>Sylvia melanocephala</i>		✓	✓	✓	✓	✓	✓	
66	Common Firecrest	<i>Regulus ignicapilla</i>		✓		✓				
67	Eurasian Wren	<i>Troglodytes troglodytes</i>		H	H	H	H	H		
68	Eurasian Nuthatch	<i>Sitta europaea</i>				H				
69	Short-toed Treecreeper	<i>Certhia brachydactyla</i>			✓					
70	Spotless Starling	<i>Sturnus unicolor</i>	✓	✓	✓	✓	✓	✓	✓	✓
71	Common Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓	✓	✓	✓	✓
72	Mistle Thrush	<i>Turdus viscivorus</i>		✓	✓	✓				
73	European Robin	<i>Erithacus rubecula</i>		H		H		✓		
74	Common Nightingale	<i>Luscinia megarhynchos</i>				H				
75	Black Redstart	<i>Phoenicurus ochruros</i>		✓				✓	✓	
76	Whinchat	<i>Saxicola rubetra</i>			LO					
77	European Stonechat	<i>Saxicola rubicola</i>		✓	✓		✓	✓	✓	
78	Black-eared Wheatear	<i>Oenanthe hispanica</i>			✓					
79	Black Wheatear	<i>Oenanthe leucura</i>					✓		✓	
80	Blue Rock Thrush	<i>Monticola solitarius</i>			✓	✓	✓	✓	✓	
81	House Sparrow	<i>Passer domesticus</i>	✓	✓	✓	✓	✓	✓	✓	✓
82	Grey Wagtail	<i>Motacilla cinerea</i>			✓		✓	✓		
83	White Wagtail	<i>Motacilla alba</i>			✓			✓		
84	Meadow Pipit	<i>Anthus pratensis</i>				✓	✓	✓		
85	Common Chaffinch	<i>Fringilla coelebs</i>		✓	✓	✓	✓	H	H	H
86	European Serin	<i>Serinus serinus</i>	✓	✓	✓	✓	✓	✓	✓	✓
87	European Greenfinch	<i>Carduelis chloris</i>	H	✓	✓	✓	✓	H	✓	H
88	Eurasian Siskin	<i>Carduelis spinus</i>				H				
89	European Goldfinch	<i>Carduelis carduelis</i>	✓	✓	✓	✓	✓	✓	✓	✓

	Common name	Scientific name	March							
			19	20	21	22	23	24	25	26
90	Common Linnet	<i>Carduelis cannabina</i>							✓	
91	Red Crossbill	<i>Loxia curvirostra</i>			✓	✓				
92	Corn Bunting	<i>Emberiza calandra</i>	✓	✓	✓		✓	✓		H
93	Rock Bunting	<i>Emberiza cia</i>		✓		✓	✓	✓		

Butterflies

1	Scarce Swallowtail	<i>Iphiclides podalirius</i>			✓	✓				
2	Spanish Festoon	<i>Zerynthia rumina</i>			✓		✓	✓	✓	
3	Large White	<i>Pieris brassicae</i>			✓		✓	✓	✓	
4	Small White	<i>Artogeia rapae</i>					✓	✓	✓	
5	Western Dappled White	<i>Euchloe crameri</i>		✓	✓		✓	✓	✓	
6	Clouded Yellow	<i>Colias crocea</i>		✓	✓	✓	✓	✓	✓	
7	Brimstone	<i>Gonepteryx rhamni</i>			✓			✓		
8	Cleopatra	<i>Gonepteryx cleopatra</i>			✓				✓	
9	Provence Hairstreak	<i>Tomares ballus</i>						✓		
10	Small Copper	<i>Lycaena phlaeas</i>							✓	
11	Painted Lady	<i>Vanessa cardui</i>		✓						
12	Small Heath	<i>Coenonympha pamphilus</i>					✓			
13	Speckled Wood	<i>Pararge aegeria</i>								
14	Wall Brown	<i>Lasiommata megera</i>		✓		✓	✓	✓		
15	Large Wall Brown	<i>Lasiommata maera</i>							✓	

Moths

1	Yellow Belle	<i>Semiaspilates ochrearia</i>						✓		
2	Pine Processionary Moth	<i>Thaumetopoea pityocampa</i>			B	C	B			
3	Hummingbird Hawkmoth	<i>Macroglossum stellatarum</i>							LO	

Other Invertebrates

1	Egyptian Grasshopper	<i>Anacridum aegyptium</i>					✓			
2	Empusid Mantis	<i>Empusa pennata</i>					N			
3	Squash Bug	<i>Syromastes rhombeus</i>					✓			
4	a Gendarme Bug	<i>Lygaeus sp.</i>		✓						
5	Wood Ant	<i>Formica rufa</i>			✓		✓	✓	✓	
6	a Carpenter Bee	<i>Xylocopa sp.</i>			✓		✓	✓	✓	
7	Honey Bee	<i>Apis mellifera</i>		✓	✓	✓		✓	✓	
8	Buff-tailed Bumble Bee	<i>Bombus terrestris</i>		✓						
9	Common Ground Beetle	<i>Pterostichus melanarius</i>	✓							
10	Rhino' Dung Beetle	<i>Copris lunaris</i>				✓				
11	a Chafer	<i>Oxythera funesta</i>			✓					
12	7 Spot Ladybird	<i>Coccinella 7-punctata</i>					✓		✓	
13	2 Spot Ladybird	<i>Adalia bipunctata</i>					✓			
14	Scorpion	<i>Buthus occitanicus</i>					✓			
15	Harvestman	<i>Opilones sp</i>		✓	✓					
16	Crab Spider	<i>Misumena vatia</i>					✓			

Molluscs

1	Brown-lipped Banded Snail	<i>Cepaea nemoralis</i>			✓		✓	✓		
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	Common name	Scientific name	March						
			19	20	21	22	23	24	25

Mammals

1	Spanish Ibex	<i>Capra pyrenaica</i>		✓				✓	✓	
2	Rabbit	<i>Oryctologus cuniculatus</i>					✓	✓		

Amphibians & Reptiles

1	Fire Salamander	<i>Salamandra salamandra</i>		T	T					
2	Iberian Water Frog	<i>Rana perezi</i>		H						
3	Moorish Gecko	<i>Tarentola mauritanica</i>	✓	✓						
4	Ocellated Lizard	<i>Timon lepidus</i>			✓					
5	Iberian Wall Lizard	<i>Podarcis hispanica</i>			✓		✓	✓	✓	
6	Large Psammmodromus	<i>Psammmodromus algirus</i>			✓	✓	✓	✓		



Orchis collina - Philip Leather