

Spain - Spring Flowers of Western Andalusia

Naturetrek Tour Report

22 - 29 March 2017



Ophrys lutea



Provence Hairstreak



Romulea bulbocodium



Ormithogalum revechonii

Report & photos by Paul Harmes



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Tour Participants: Paul Harmes (leader) with six Naturetrek clients

Day 1

Wednesday 22nd March

Fly London and Manchester to Malaga – Transfer to Ronda

Three tour-group members arrived at Malaga Airport on the Easyjet flight, EZY8605, from Gatwick, and three other group members arrived from Manchester on Monarch Airways flight ZB652. Upon our arrival, we made our way to our vehicle, in the multi-storey car park.

We left Malaga airport, a north-easterly direction, on the main Seville Road, and turned north on the A357, the Malaga to Campillos road. We continued north-west, passing the 'white village' of Ardales on our left, and on to the junction with the A367, the Ronda road. Overhead, Barn Swallow and Spotless Starlings were seen. We stopped for a late lunch at the El Meson de Diego. Continuing on south-west on the A367, we passed through Cuevas del Becerro, before reaching the outskirts of Ronda, where we joined the A366 El Burgo road north-east for about four kilometres to our final destination, the Finca La Guzmaná, our accommodation for the week. We were met by Peter McLeod, our host, who quickly settled us into our rooms before supplying tea, coffee and biscuits, and an explanation of the logistics of the Finca.

At 7.30pm we met up for drinks and a light supper, after briefly exploring the olive grove around the Finca. Here we found *Muscari neglectum* (Grape Hyacinth), *Erodium moschatum* (Musk Stork's-bill) and *Allium ampeloprasum* (Wild Leek).

Paul briefly outlined details of the plans for the first few days, before we all retired for the night.

Day 2

Thursday 23rd March

Grazalema – Sierra del Pinar – Gargante Verde

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 turned south on the Ubrique road, and made a stop on a wide verge, where we found *Narcissus flavus* and a pink carpet of *Erodium primulaceum* (a Stork's-bill).

We now made our way through Grazalema, and onwards, a short distance from the town, to the car park at the start of our walk in the Sierra del Pinar. Along the way we added Southern Grey Shrike and Black Redstart. Leaving the car park, we began to make our way up through *Pinus halepensis* (Aleppo Pine), *Pinus pinaster* (Maritime Pine) forest, mixed with *Quercus* species (Oaks). However, it began to snow and sleet rather heavily, so we curtailed our excursion, looking at the lower-level flora. *Plocama calabrica* (Putoria), *Orchis olbiensis* (an Early Purple Orchid), *Narcissus assoanus* (Rush-leaved Jonquil), the leaves of *Centaurea calcitrapa* (Red Star Thistle) and *Daphne gnidium* (Mediterranean Daphne) were seen, as well as Stonechat, before we adjourned to Grazalema for well-deserved coffee.

We now drove on up to the 'Puerto de las Palomas' (Pass of the Doves), where we took photos of the views from the mirador. Whilst we were there, a number of Griffon Vultures were also recorded. From here, we began

the descent towards Zahara, stopping at the car park at the 'Gargante Verde'. Here, we saw *Ophrys fusca* subsp. *fusca* (Sombre Bee Orchid), *Ulex parviflorus* (Small-flowered Gorse), *Myrtis communis* (Myrtle), *Olea europaea* (Wild Olive) and *Fedia cornucopiae* (Fedia). Sardinian Warbler, Griffon Vulture and Black Redstart were also seen, as well as a small, distant group of Spanish Ibex. Good scoped views were had by all group members.

We made of final stop of the day at a very rough grazing field, by the turning to Las Mezas. Here we found *Himantoglossum robertianum* (Giant Orchid), *Ophrys speculum* (Mirror Orchid), *Ophrys lutea* (Yellow Bee Orchid) and *Aristolochia paucinervis* (a Birthwort).

From here, we set off back towards Ronda, arriving at the Finca in time for a splendid dinner, cooked by Peter.

Day 3

Friday 24th March

El Burgo – Ardales – El Chorro

Today we travelled in the opposite direction, towards the village of El Burgo. Our first stop was to the east of the 'Puerto del Viento' (Pass of the Wind). Here, we stopped to look at *Iris planifolia* (Flat-leaved Iris). Fortunately, there were still quite a few in flower. Some adjacent rocks had *Hornungia petraea* (Hutchinsia), *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). Great Tit, Griffon Vulture and Red-billed Chough were also seen.

Our next stop of the morning was at the Mirador del Guarda Forestal. Here the plants kept the group busy for some time, and included *Hyacinthoides hispanicus* (Spanish Bluebell), *Microthlaspi perfoliata* (Perfoliate Pennycress), *Erodium recoderi* (a Stork's-bill), *Phlomis purpurea* (Purple Phlomis), *Clematis cirrhosa* (Maidens Bower) and *Vicia vicioides*. Birds here included Blue Rock Thrush, Blackbird, Crag Martin and Black Redstart.

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 *Nicotiana glauca* (Shrub Tobacco) on some waste ground and *Hyoscyamus albus* (White Henbane) on a wall.

We now took the road along the eastern shore of the Embalse del Conde de Guadalhorca lake, to our main objective, the 'Mirador de las Embalsas', where three reservoirs meet. Here we parked, and began an exploration of the *Pinus halepensis* (Aleppo Pine) woodland, while Paul prepared our picnic. We found *Cistus albidus* (Grey-leaved Cistus), the Fumitory-like *Rupicapnos africana*, *Chaenorbinum villosum* and *Anthyllis cystoides* (Shrub Kidney-vetch). Birds here included Great Tit, Rock Bunting, Common Chaffinch and a pair of Crested Tit.

After our picnic lunch, we explored further afield, adding *Echium albicans* (a pink Vipers-bugloss), *Ranunculus spicatus* subsp. *blepharicarpos* (Rock Buttercup), *Ophrys speculum* (Mirror Orchid), *Muscari neglectum* (Grape Hyacinth), *Orchis anthropophora* (Man Orchid) and *Ophrys tenthredinifera* (Sawfly Orchid).

We now made our way towards El Chorro, through a spectacular gorge, to the cafe by the Caminito del Rey (The King's Little 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), *Adiantum capillus-*

veneris (Maidenhair Fern), *Vinca difformis* (Intermediate Periwinkle) and *Equisetum hyemale* (Dutch Rush). Griffon Vultures were present, and Great Cormorant.

A final stop near the railway station added *Convolvulus althaeoides* (Mallow-leaved Bindweed), *Erodium malacoides* (a Stork's-bill) and *Glebionis coronaria* var. *discolor* (Crown Daisy).

It was now time to make our way back to base for dinner.

Day 4

Saturday 25th March

Sierra de las Nieves - Ronda

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. Our first stop was on a rocky, limestone road edge. Here we saw *Orchis albiensis*, *Neotinia tridentata* subsp. *conica* (a Toothed Orchid) and *Narcissus assoanus* (Rush-leaved Jonquil). The second stop we made was close to the Area Recreativa Los Quejigales. This is a wet grassy area which has a good colony of *Narcissus hispanicus* (Long-spathed Daffodil), scattered among small bushes. Also growing here was *Ficaria verna* subsp. *ficariiformis* (Lesser Celandine).

Parking the vehicle at Los Quejigales, we set off, in a chilly wind, for a walk on a path that would eventually lead to the Puerto de los Pilones. We began in *Pinus pinaster* (Maritime Pine) and *Pinus halepensis* (Aleppo Pine) woodland. Also present were *Rubia peregrina* (Wild Madder), *Daphne laureola* (Spurge Laurel), *Asparagus albus* (White Asparagus) and *Narcissus hispanicus* (Long-spathed Daffodil). After a gentle climb of about 300 metres, we came to the tree line, where *Abies pinsapo* (Spanish Fir) was scattered. Above this, where the path began to climb more steeply, the second native population of this tree remains. Very little birdlife was active, but we did hear Great Spotted Woodpecker, as we made the return journey to the vehicle.

After our descent, Paul decided that it would be rather unpleasant to have a picnic in the cold wind, so we returned to the Finca for our lunch. As we drove out of the Park, Jay was seen.

After lunch, we had some time in Ronda. We parked in the car park on the north side of the town. We then walked down through the pedestrian precinct to the cliff-edge walk. Red-billed Chough, Blackbird, and Crag Martins were all seen, as well as *Smyrniium olusatrum* (Alexanders), *Moricandia moricandioides* (a Purple Cabbage), *Antirrhinum barrelieri* (a Snapdragon) and *Calendula arvensis* (Field Marigold).

At this point, Paul 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 26th March

El Torcal – Laguna Dulce – Tajo del Molino

Following an early breakfast, we left the Finca La Guzman. Our route took us on the road towards Campillos. Barn Swallow and Crested Lark were seen as we went. After about three-quarters of an hour, we joined the main Malaga to Antequera road, and continued 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. It was a clear, sunny day, and we were able to fully appreciate this stunning 'Karst' limestone landscape. A short visit to the mirador produced views of Black Redstart. After we had had coffee, we set off to explore. We walked the shorter of the two circular walks, finding *Euphorbia characias* subsp. *characias* (Mediterranean Spurge) and two local endemics: the beautiful *Linaria anticaria* (a Toadflax), unfortunately not in flower yet, and the leaves of *Saxifraga biternata* (El Torcal Saxifrage). Continuing, we added *Rhamnus alaternus* (Mediterranean Buckthorn), *Ophrys tenthredinifera* (Sawfly Orchid), *Himantoglossum robertianum* (Giant Orchid) and *Acer monspeliensis* (Montpelier Maple).

On our return to the car park, we re-joined our vehicle and began our return journey towards Campillos, where we stopped at the Laguna Dulce for our picnic. Along the way we passed a stand of *Allium neapolitanum* (Naples Garlic). During our lunch, we heard several Cetti's Warblers and Goldfinches, and saw Large White, Small White and Red Admiral butterflies. After eating, we explored the immediate area and added *Carduus pycnocephalus* (Plymouth Thistle), *Nonea vesicaria* (Nonea), *Calendula suffruticosa* (a Marigold) and *Platycapnos spicatus*.

We now moved on to our last destination on the day, Tajo de Molino, where we explored the hillside, verge rocks and narrow gorge. *Ophrys speculum* (Mirror Orchid), *Mercurialis tomentosa* (Woolly Mercury), *Scopiurus muricatus* (Spiny Scorpion-vetch), *Antirrhinum graniticum* and *Ferula communis* (Giant Fennel) were all seen. The warm afternoon sun produced several butterflies, including Large White, Red Admiral, Provence Hairstreak and Spanish Festoon. In the gorge, Cetti's Warbler was heard and Red-billed Chough, Crag Martin and Alpine Swift seen, together with three Spanish Terrapins which were basking on a rock in the stream.

Day 6

Monday 27th March

Montejaque – Hidden Valley - Cerro de Tavizna – Cueva de la Pileta

Today dawned cloudy and overcast, after overnight rain. Following another fine breakfast, we again left the Finca and drove down towards Ronda, before taking the Seville road, turning off on a small track the Puerto de las Muelas, where we paused to check out the verge banks. Here we found *Reseda phyteuma* (Corn Mignonette), *Euphorbia nicaeensis*, *Ornithogalum baeticum* (a Star of Bethlehem) and *Ophrys lutea* (Yellow Bee Orchid). Cirl Bunting and Green Woodpecker were both heard.

Moving on westwards, we made our way to a layby below the Cerro de Tavizna, to explore a quiet rocky verge. On the outcrops, we found *Orchis olbiensis* (an Early Purple Orchid), *Vinca difformis* (Intermediate Periwinkle), *Saxifraga granulata* (Meadow Saxifrage), *Linaria aeruginea* (a Toadflax) and *Senecio nevadensis* (Sierra Nevada Ragwort). Griffon Vulture and Red-billed Chough were also present.

Our route now took us on to the small town of Montejaque, where we took a back road up to the 'Los Llanas de Libar', known to Paul as the 'Hidden Valley', in the Sierra de Montalata. A high cliff produced *Saxifraga bourgaeana* (a Saxifrage), *Ornithogalum reverchonii* (an endemic Star of Bethlehem), *Linaria tristis* and *Fedia cornucopiae* (Fedia). An adjacent ditch produced a fine stand of *Scrophularia sambucifolia* (Elder-leaved Figwort).

Moving on, we parked at the top of the valley. Whilst Paul prepared lunch, the group explored some rocky outcrops, finding *Narcissus cuatrecasasii* (Rock Jonquil), *Orchis olbiensis* (an Early Purple Orchid) and *Hyacinthoides hispanicus* (Spanish Bluebell). Overhead, Griffon Vultures were struggling to gain height, due to the lack of thermals, and it also began to rain lightly. Red-billed Chough, Great Tit and Goldfinch were present. After our picnic, we began a slow drive down the valley. As we went, a female Whinchat, Rock Bunting, Serin and Stonechat were added. We made a stop, on the descent, to photograph a single clump of *Narcissus papyraceus* (Paper-white Daffodil). A second stop on a verge just outside the village, produced *Antirrhinum barrelieri* (a Snapdragon), *Anagyris foetida* (Bean Trefoil), *Reseda undata* subsp. *gayana* (a Mignonette), *Cytisus baetica* (a Broom) and *Lathyrus chymenum* (a Pea).

After coffee in Montejaque, it was time to make our way through Benaolan, and 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 tickets were purchased for our visit. The car park produced *Calycotome villosa* (Prickly Broom) and *Aphyllanthes monspeliensis* (Blue Aphyllanthes) in bud, and Serin, Blackcap and Sardinian Warbler were also recorded.

It was now time to make our way back to the Finca, in time for one of Peter's wonderful dinners.

Day 7

Tuesday 22nd March

Grazalema – Zahara de la Sierra

Today, we returned to the Grazalema area, where we began by making two stops on the road to the east of Grazalema. At the first we found *Cistus monspeliensis* (Narrow-leaved Cistus) and *Phillyrea angustifolia* (Narrow-leaved Phillyrea) and *Cistus laurifolius*. Coal Tit was heard calling. At the second we added *Teucrium fruticans* (Shrub Germander), *Cistus crispus* (a Pink Cistus), *Quercus faginea* (Beech-leaved Oak), *Quercus suber* (Cork Oak), *Cistus laurifolius*, *Cistus monspeliensis* (Narrow-leaved Cistus) and *Lavandula stoechas* (French Lavender).

Moving on, we parked on the south side of Grazalema. The plan was to explore the broad road verges. Above our heads, the occasional Griffon Vulture and Red-billed Chough were soaring. As we explored, *Scrophularia sambucifolia* (Elder-leaved Figwort), *Narcissus papyraceus* (Paper-white Daffodil), *Ophrys tenthredinifera* (Sawfly Orchid), *Lotus tetragonolobus* (Asparagus Pea) and *Cerintho major* var. *purpurescens* (Greater Honeywort) were all seen. The boulder-strewn fields produced Serin and Blackcap, and Wren was also heard.

Driving on through the village we continued up to the Mirador de las Acebuches, for lunch. While Paul set up the picnic, we went to explore, finding *Fritillaria lusitanica* (Portuguese Fritillary), *Astragalus lusitanicus* (a Milk-vetch) and *Anemone palmata* (Yellow Anemone). Paul also found a Brown Scorpion.

Our final stop of the day was in the village of Zahara de la Sierra. After parking we began exploring the cliffs, finding *Linaria platycalyx*, an endemic Toadflax, *Sedum mucizonia* (Mucizonia), *Crambe filiformis* (Thin Sea-Kale) and the endemic *Erodium tordylioides* (a Stork's-bill). A pair of Lesser Kestrels were also noted.

After refreshments, we re-joined the vehicle and set off back to the Finca, in time to pack before dinner.

Day 8

Wednesday 29th March

Transfer from Ronda to Malaga – Fly to UK

After an early breakfast, we said our farewells to Peter and thanked him for a wonderful stay in this beautiful area. We set off, in light cloud, for Malaga Airport in good time for our flights back to the UK, except Marilyn and Bill, who were staying on for another few days in Spain.

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Finger painting - Cork Oak tree - Anne Fishenden

Species Lists

Plants (* indicates a plant is endemic; [] = Indicates a plant is introduced/planted)

Nomenclature contained within this list follows the taxonomic amendments, based on DNA analysis, made by the Royal Botanic Gardens, Kew and the Missouri Botanic Garden, and following The Plant List, an internationally accepted list of vascular plant families, published and maintained by these two Institutions.

Scientific name	Common name	Location
PTERIDOPHYTES		
Calamophytes		
Equisetaceae		
<i>Equisetum hyemale</i>	Dutch Rush	El Chorro
Leptosporangiate Ferns		
Aspleniaceae		
<i>Asplenium adiantum-nigrum</i>	Black Spleenwort	Hidden Valley
<i>Asplenium ceterach</i>	Rustyback	Gargante Verde
Polypodiaceae		
<i>Polypodium cambricum</i>	Southern Polypody	Grazalema
Pteridaceae		
<i>Adiantum capillus-veneris</i>	Maidenhair Fern	El Chorro
<i>Anogramma leptophylla</i>	Jersey Fern	Pileta Caves
<i>Cheilanthes pteridioides</i>	Scented Cheilanthes	Mirador Guarda Forestal
<i>Cheilanthes vellea</i>	Scaly Cheilanthes	El Torcal
<i>Cryptogramma crispa</i>	Parsley Fern	El Torcal
GYMNOSPERMS		
Cupressaceae		
[<i>Cupressus macrocarpa</i>]	Monterey Cypress	Commonly Planted
[<i>Cupressus sempervirens</i>]	Italian Cypress	Commonly Planted
<i>Juniperus communis</i>	Juniper	Between Ronda & El Burgo
<i>Juniperus oxycedrus</i>	Prickly Juniper	Gargante Verde
<i>Juniperus phoenicea</i> subsp. <i>phoenicea</i>	Phoenician Juniper	Gargante Verde
Pinaceae		
<i>Abies pinsapo</i>	Spanish Fir	Sierra de las Nieves
[<i>Cedrus deodara</i>]	Deodar Cedar	Naturalised in Sierra de las Nieves
<i>Pinus halepensis</i>	Aleppo Pine	Common
<i>Pinus pinaster</i>	Maritime Pine	Common
<i>Pinus pinea</i>	Stone or Umbrella Pine	Near El Chorro

Scientific name	Common name	Location
ANGIOSPERMS		
Pre-dicots		
FLOWERING PLANTS		
Primitive Angiosperms		
Aristolochiaceae	Birthwort Family	
<i>Aristolochia baetica</i>	a Birthwort	Near El Chorro
<i>Aristolochia paucinervis</i>	a Birthwort	Las Mezas
Eu-dicots		
True Dicotyledons		
Acanthaceae	Bear's-breech Family	
<i>Acanthus mollis</i>	Bear's-breech	El Chorro
Adoxaceae	Moschatel Family	
<i>Viburnum tinus</i>	Laurustinus	Above Zahara
Anacardiaceae	Sumach Family	
<i>Pistacia lentiscus</i>	Mastic Bush	Gargante Verde
Apiaceae	Carrot Family	
<i>Berula erecta</i>	Lesser Water-parsnip	El Chorro
<i>Bupleurum fruticosum</i>	Shrubby Hare's-ear	Above Grazalema
<i>Bupleurum spinosum</i>	Spiny Hare's-ear	Sierra del Pinar
<i>Ferula communis</i>	Giant Fennel	Tajo del Molino
<i>Foeniculum vulgare</i>	Fennel	Below Zahara
<i>Scandix pecten-veneris</i>	Shepherd's Needle	Tajo del Molino
<i>Smyrniolum olusatrum</i>	Alexanders	Common
<i>Thapsia garganica</i>	Thapsia	Sierra de las Nieves (leaves)
Apocynaceae	Periwinkle Family	
<i>Nerium oleander</i>	Oleander	Naturalised below Grazalema
<i>Vinca difformis</i>	Intermediate Periwinkle	Below Zahara
Araliaceae	Ivy Family	
<i>Hedera helix</i> agg.	Ivy	El Torcal
Berberidaceae	Barberry Family	
<i>Berberis hispanica</i>	Spanish Barberry	Sierra del Pinar
Boraginaceae	Forget-me-not Family	
<i>Anchusa azurea</i>	Large Blue Alkanet	Roadsides
<i>Borago officinalis</i>	Borage	Near Malaga
<i>Buglossoides arvensis</i>	Corn Gromwell	W of Ronda
<i>Cerinth major</i> var. <i>purpurescens</i>	Greater Honeywort	Below Zahara
<i>Cynoglossum clandestinum</i>	a Hound's-tongue	Las Mezas
<i>Cynoglossum creticum</i>	Blue Hound's-tongue	W of Ronda
<i>Echium albicans</i>	-	El Chorro
<i>Echium boissieri</i>	Boissier's Viper's-bugloss	S of Zahara (Over)
<i>Echium plantagineum</i>	Purple Viper's-bugloss	Common
<i>Echium vulgare</i>	Viper's-bugloss	Zahara
<i>Nonea vesicaria</i>	Nonea	Laguna Dulce

Scientific name	Common name	Location
<i>Pardoglossum (Cynoglossum) cheirifolium</i>	a Hound's-tongue	Mirador Guarda Forestal
Brassicaceae	Cabbage Family	
<i>Arabis verna</i>	Early Rock-cress	Hidden Valley
<i>Biscutella didyma</i>	Small Buckler Mustard	Gargante Verde
<i>Biscutella frutescens*</i>	Perennial Buckler Mustard	E of Puerto del Viento
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	Gargante Verde
<i>Cardamine flexuosa</i>	Wavy Bitter-cress	Grazalema
<i>Cardamine hirsuta</i>	Hairy Bitter-cress	Grazalema
<i>Clypeola jonthlaspi</i>	Clypeola	Finca La Guzmana
<i>Crambe filiformis</i>	Thin Sea-kale	Zahara
<i>Erophila verna</i> subsp. <i>praecox</i>	Whitlow-grass	El Torcal
<i>Eruca vesicaria</i>	Rocket	Les Mezas
<i>Erysimum cheiri</i>	Wallflower	Grazalema
<i>Hornungia petraea</i>	Hutchinsia	E of Puerto del Viento
<i>Iberis</i> sp.	Candytuft	Near El Chorro
<i>Lepidium didymum</i>	Lesser Swinecress	Grazalema
<i>Lobularia maritima</i>	Sweet Alison	Mirador Guarda Forestal
<i>Microthlaspi (Thlaspi) perfoliatum</i>	Perfoliate Penny-cress	Mirador Guarda Forestal
<i>Moricandia moricandioides</i>	Purple Cabbage	Common on Roadsides
<i>Sinapis alba</i>	White Mustard	Cliffs, Ronda
<i>Sinapis arvensis</i>	Charlock	El Chorro
<i>Sisymbrium irio</i>	London Rocket	El Chorro
Cactaceae	Cactus Family	
[<i>Opuntia ficus-indica</i>]	Barbary Fig or Prickly Pear	Very Common
Campanulaceae	Bellflower Family	
<i>Campanula mollis</i>	a Bellflower	Zahara
Caprifoliaceae	Honeysuckle Family	
<i>Centranthus calcitrapa</i>	Annual Valerian	Grazalema
<i>Fedia cornucopiae</i>	Fedia	Gargante Verde
<i>Lonicera arborea</i>	Tree Honeysuckle	Sierra de las Nieves
Caryophyllaceae	Pink Family	
<i>Cerastium glomeratum</i>	Sticky Mouse-ear	Cerro de Tavizna
<i>Cerastium tomentosum</i>	Snow-in-Summer	E of Puerto del Viento
<i>Dianthus</i> sp.	a Pink	Cerro de Tavizna
<i>Paronychia capitata</i>	a Paronychia	Gargante Verde
<i>Sagina procumbens</i>	Procumbent Pearlwort	Ronda
<i>Silene colorata</i>	a Catchfly	Very Common
<i>Silene latifolia</i>	White Campion	Mirador Guarda Forestal
<i>Silene vulgaris</i>	Bladder Campion	Hidden Valley
<i>Stellaria media</i>	Chickweed	Grazalema
Cistaceae	Rock-rose Family	
<i>Cistus albidus</i>	Grey-leaved Cistus	Near El Chorro
<i>Cistus crispus</i>	a pink Cistus	E of Grazalema (leaves)
<i>Cistus laurifolius</i>	-	E of Grazalema
<i>Cistus monspeliensis</i>	Narrow-leaved Cistus	E of Grazalema (leaves)
<i>Cistus salvifolius</i>	Sage-leaved Cistus	El Chorro

Scientific name	Common name	Location
<i>Helianthemum origanifolium</i>	Marjoram-leaved Rock-rose	Sierra del Pinar
Compositae (Asteraceae)		
<i>Anthemis chia</i>	-	Finca La Guzmaná
<i>Bellis sylvestris</i>	Southern Daisy	Sierra del Pinar
<i>Calendula arvensis</i>	Field Marigold	Finca La Guzmaná
<i>Calendula suffruticosa</i>	-	Laguna Dulce
<i>Carduus pycnocephalus</i>	Plymouth Thistle	Laguna Dulce
<i>Carlina corymbosa</i>	Flat-topped Carline Thistle	Las Mezas (over)
<i>Centaurea calcitrapa</i>	Red Star Thistle	Sierra del Pinar (leaves)
<i>Centaurea clementei</i> *	Clemente's Knapweed	Zahara
<i>Centaurea pullata</i>	-	Finca La Guzmaná
<i>Dittrichia viscosa</i>	Woody Fleabane	Below Grazalema
<i>Galactites tomentosa</i>	Galactites	Below Zahara
<i>Glebionis coronarium</i> var. <i>discolor</i>	Crown Daisy	Near Malaga
<i>Glebionis segetum</i>	Corn Marigold	Tajo del Molino
<i>Hyoseris radiata</i>	Hyoseris	Hidden Valley
<i>Pallenis spinosa</i>	Pallenis	Rhonda cliffs
<i>Phagnalon saxatile</i>	Phagnalon	Hidden Valley
<i>Ptilostemon hispanica</i>	Spanish Thistle	Gargante Verde
<i>Reichardia intermedia</i>	Reichardia	El Chorro
<i>Senecio nevadensis</i>	Sierra Nevada Ragwort	Cerro de Tavizna
<i>Sencio vulgare</i>	Groundsel	Gargante Verde
<i>Silybum marianum</i>	Milk Thistle	Gargante Verde (leaves)
<i>Sonchus asper</i>	Prickly Sow-thistle	El Chorro
<i>Sonchus oleraceus</i>	Smooth Sow-thistle	El Chorro
<i>Urospermum picroides</i>	a Urospermum	El Chorro
Convolvulaceae		
<i>Convolvulus althaeoides</i>	Mallow-leaved Bindweed	El Chorro
Crassulaceae		
<i>Crassula tiliaea</i>	Mossy Stonecrop	Tajo del Molino
<i>Sedum album</i>	White Stonecrop	El Torcal
<i>Sedum brevifolium</i>	Short-leaved Stonecrop	E of Puerto del Viento
<i>Sedum mucizonia</i> (<i>Mucizonia hispida</i>)	Mucizonia	Zahara
<i>Sedum sediforme</i>	Large Stonecrop	Near El Chorro (leaves)
<i>Sedum sexangulare</i>	Tasteless Stonecrop	El Torcal
<i>Umbilicus rupestris</i>	Navelwort	Grazalema
Cucurbitaceae		
<i>Bryonia dioica</i>	White Bryony	El Chorro
<i>Ecballium elaterium</i>	Squirting Cucumber	Below Zahara
Euphorbiaceae		
<i>Euphorbia characias</i> subsp. <i>characias</i>	Large Mediterranean Spurge	El Torcal
<i>Euphorbia exigua</i>	Dwarf Spurge	Las Mezas
<i>Euphorbia helioscopia</i>	Sun Spurge	Las Mezas
<i>Euphorbia nicaeensis</i>	-	W of Ronda
<i>Euphorbia peplus</i>	Petty Spurge	Gargante Verde
<i>Mercurialis annuus</i>	Annual Mercury	Grazalema

Scientific name	Common name	Location
<i>Mercurialis tomentosa</i> [<i>Ricinus communis</i>]	- Castor Oil Plant	Tajo del Molino Tajo del Molino
Fagaceae	Oak & Beech Family	
<i>Quercus coccifera</i>	Kermes Oak	Sierra de las Nievas
<i>Quercus faginea</i>	Beech-leaved Oak	E of Grazalema
<i>Quercus ilex</i>	Holm oak	E of Grazalema
<i>Quercus suber</i>	Cork Oak	E of Grazalema
Geraniaceae	Geranium Family	
<i>Erodium cicutarium</i>	Common Stork's-bill	Gargante Verde
<i>Erodium malacoides</i>	Mallow-leaved Stork's-bill	Finca La Guzmaná
<i>Erodium moschatum</i>	Musk Stork's-bill	Finca La Guzmaná
<i>Erodium primulaeum</i>	a Stork's-bill	Gargante Verde
<i>Erodium recoderi</i> *	a Stork's-bill	Mirador Guarda Foresta
<i>Erodium tordylioides</i> *	a Stork's-bill	Zahara
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	Below Zahara
<i>Geranium lucidum</i>	Shiny Crane's-bill	Below Zahara
<i>Geranium purpureum</i>	Little Robin	Mirador Guarda Forestal
<i>Geranium pyrenaicum</i>	Hedgerow Crane's-bill	Laguna Dulce
<i>Geranium robertianum</i>	Herb-robert	El Torcal
<i>Geranium rotundifolium</i>	Round-leaved Crane's-bill	Zahara
Lamiaceae	Dead-nettle Family	
<i>Ballota pseudodictamnus</i>	Garden Horehound	Gargante Verde (leaves)
<i>Lamium amplexicaule</i>	Henbit Deadnettle	Grazalema
<i>Lavandula lanata</i> *	Woolly Lavender	Sierra de las Nievas
<i>Lavandula multifida</i>	Cut-leaved Lavender	Near El Chorro
<i>Lavandula stoechas</i> subsp. <i>stoechas</i>	French Lavender	El Chorro
<i>Phlomis lychnitis</i>	-	Near El Chorro (leaves)
<i>Phlomis purpurea</i>	Purple Phlomis	Common (leaves)
<i>Rosmarinus officinalis</i>	Rosemary	Below Zahara
<i>Salvia verbenaca</i>	Wild Clary	Finca La Guzmaná
<i>Stachys arvensis</i>	Field Woundwort	Zahara
<i>Teucrium fruticans</i>	Shrub Germander	E of Grazalema
<i>Teucrium polium</i> agg.	Felty Germander	Gargante Verde
Leguminosae (Fabaceae)	Pea Family	
<i>Acacia retinodes</i>	Swamp Wattle	Roadsides near Malaga
<i>Anagyris foetida</i>	Bean Trefoil	Cerro de Tavizna
<i>Anthyllis cystoides</i>	Shrub Kidney-vetch	Near El Chorro
<i>Astragalus glaucus</i>	a Milk-vetch	Gargante Verde
<i>Astragalus lusitanicus</i>	a Milk-vetch	Mirador de las Acebuches
<i>Bituminaria bituminosa</i>	Pitch Trefoil	Hidden Valley
<i>Calycotome villosa</i>	Prickly Broom	Pileta caves
<i>Ceratonia siliqua</i>	Carob	Gargante Verde
[<i>Cercis siliquastrum</i>]	Judas Tree	Planted
<i>Cytisus baeticus</i>	-	Cerro de Tavizna
<i>Genista umbellata</i>	-	Tajo de Molino (leaves)
<i>Lathyrus annuus</i>	Annual Pea	Montejaque
<i>Lathyrus clymenum</i>	-	Near El Chorro
<i>Lathyrus sphaericus</i>	-	Tajo del Molino

Scientific name	Common name	Location
<i>Lathyrus tingitanus</i>	-	Cliffs, Ronda
<i>Lotus tetragonolobus</i> (<i>Tetragonolobus purpureus</i>)	Asparagus Pea	Below Zahara
<i>Medicago lupulina</i>	Black Medick	Near Montejaque
<i>Medicago orbicularis</i>	Disc Trefoil	Zahara
<i>Medicago polymorpha</i>	Toothed medick	Tajo de Molino
<i>Melilotus indicus</i>	Small Melilot	Zahara
<i>Retama</i> (<i>Lygos</i>) <i>monosperma</i>	Bridal Veil Broom	Sierra del Pinar
<i>Retama</i> (<i>Lygos</i>) <i>sphaerocarpa</i>	-	Gargante Verde (leaves)
<i>Scorpiurus muricatus</i>	Spiny Scorpion-vetch	Tajo del Molino
<i>Spartium junceum</i>	Spanish Broom	Roadsides
<i>Trifolium ornithopodioides</i>	Bird's-foot Clover	Above Zahara
<i>Tripodion tetraphyllum</i> (<i>Anthyllis tetraphylla</i>)	Bladder Vetch	Las Mezas
<i>Ulex</i> (<i>Stauracanthus</i>) <i>bovinii</i>	-	Sierra del Pinar (leaves)
<i>Ulex parviflorus</i>	Small-flowered Gorse	Very Common
[<i>Vicia faba</i>]	Broad Bean	Escape from cultivation
<i>Vicia sativa</i> subsp. <i>sativa</i>	Fodder Vetch	Tajo de Molino
<i>Vicia vicioides</i>	-	Mirador Guarda Forestal
Malvaceae	Mallow Family	
<i>Malva pseudolavatera</i>	-	El Chorro
<i>Malva sylvestris</i>	Common Mallow	Near Malaga
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
Oleaceae	Olive Family	
<i>Fraxinus angustifolia</i>	Narrow-leaved Ash	Between El Burgo & Ardales
<i>Jasminum fruticans</i>	Jasmine	Tajo de Molino
<i>Olea europaea</i>	Wild Olive	Gargante Verde
<i>Phillyrea angustifolia</i>	Narrow-leaved Phillyrea	E of Grazalema
Oxalidaceae	Wood-sorrel Family	
[<i>Oxalis pes-caprae</i>]	Bermuda Buttercup	Common weed
Paeoniaceae	Peony Family	
<i>Paeonia broteri</i>	a Peony	E of Puerto del Viento (leaves)
Papaveraceae	Poppy Family	
<i>Fumaria capreolata</i>	White Ramping Fumitory	Below Grazalema
<i>Fumaria muralis</i>	Common Ramping Fumitory	Hidden Valley
<i>Fumaria officinalis</i>	Common Fumitory	Laguna Dulce
<i>Papaver rhœas</i>	Common Poppy	Laguna Dulce
<i>Platycapnos spicatus</i>	-	Laguna Dulce
<i>Rupicapnos africana</i>	-	Near El Chorro
Plantaginaceae	Plantain Family	
<i>Antirrhinum barrelieri</i>	a Snapdragon	El Chorro
<i>Antirrhinum graniticum</i>	a Snapdragon	Tajo de Molino
<i>Chaenorhinum villosum</i>	-	Near El Chorro
<i>Linaria aeruginea</i> *	a Toadflax	Cerro de Tavizna

Scientific name	Common name	Location
<i>Linaria antillarum</i> *	a Toadflax	El Torcal (leaves)
<i>Linaria platycalyx</i> *	a Toadflax	Zahara
<i>Linaria tristis</i>	a Toadflax	E of Puerto del Viento
<i>Plantago arenaria</i>	Branched Plantain	Tajo de Molino
<i>Plantago lagopus</i>	Hare's-tail Plantain	Near El Chorro
<i>Plantago major</i>	Greater Plantain	Finca La Guzmaná
<i>Veronica cymbalaria</i>	White Speedwell	Grazalema
<i>Veronica polita</i>	Grey Field Speedwell	Ronda
Polygalaceae	Milkwort Family	
<i>Polygala rupestris</i>	Rock Milkwort	Near El Chorro
Polygonaceae	Dock Family	
<i>Rumex bucephaloflorus</i>	Horned Dock	W of Ronda
<i>Rumex scutatus</i>	French or Shield Dock	Tajo de Molino
Primulaceae	Primrose Family	
<i>Anagallis arvensis</i> (Red & Blue)	Scarlet Pimpernel	El Chorro
<i>Samolus valerandi</i>	Brookweed	El Chorro
Ranunculaceae	Buttercup Family	
<i>Anemone palmata</i>	Yellow Anemone	Above Zahara
<i>Clematis cirrhosa</i>	Virgin's Bower	Gargante Verde
<i>Ficaria verna</i> subsp. <i>ficariiformis</i>	Lesser Celandine	Sierra de las Nieves
<i>Helleborus foetidus</i>	Stinking Hellebore	Sierra de las Nieves
<i>Ranunculus spicatus</i> subsp. <i>blepharicarpos</i>	a Buttercup	E of Puerto del Viento
Resedaceae	Mignonette Family	
<i>Reseda alba</i>	White Mignonette	Roadsides
<i>Reseda lutea</i>	Mignonette	W of Ronda
<i>Reseda phyteuma</i>	Corn Mignonette	W of Ronda
<i>Reseda suffruticosa</i>	a Mignonette	Near El Chorro
<i>Reseda undata</i> subsp. <i>gayana</i> (<i>R. gayana</i>)	a Mignonette	Cliffs, Ronda
Rhamnaceae	Buckthorn Family	
<i>Rhamnus alaternus</i>	Mediterranean Buckthorn	Gargante Verde
<i>Rhamnus lycioides</i> *	Prostrate Buckthorn	Hidden Valley
Rosaceae	Rose Family	
<i>Crataegus monogyna</i>	Hawthorn	Near Grazalema
<i>Prunus avium</i>	Wild Cherry	E of Grazalma
[<i>Prunus dulcis</i>]	Almond	Escape from cultivation
<i>Prunus prostrata</i>	Prostrate Plum	Above Grazalema
<i>Prunus spinosa</i>	Blackthorn	Common on Roadsides
<i>Rosa</i> sp.	-	El Torcal
<i>Rubus ulmifolius</i>	Bramble	El Torcal
Rubiaceae	Bedstraw Family	
<i>Galium aparine</i>	Cleavers	Finca La Guzmaná
<i>Galium verrucosum</i>	-	Gargante Verde
<i>Plocama</i> (<i>Putoria</i>) <i>calabrica</i>	Putoria	Sierra del Pinar
<i>Rubia peregrina</i>	Wild Madder	Mirador Guarda Forestal
<i>Sherardia arvensis</i>	Field Madder	Las Mezas

Scientific name	Common name	Location
Rutaceae	Rue Family	
<i>[Citrus limon]</i>	Lemon	Planted
<i>[Citrus sinensis]</i>	Orange	Planted
<i>Ruta montana</i>	Fringed Rue	Hidden Valley
Santalaceae	Sandalwood Family	
<i>Osyris alba</i>	Osyris	Hidden Valley
<i>Viscum album</i>	Mistletoe	Near Ronda
<i>Viscum cruciatum</i>	Red-berried Mistletoe	E of Puerto del Viento
Sapindaceae	Maple Family	
<i>Acer monspessulanum</i>	Montpelier Maple	El Torcal
Saxifragaceae	Saxifrage Family	
<i>Saxifraga biternata*</i>	El Torcal Saxifrage	El Torcal (leaves)
<i>Saxifraga bourgaeana*</i>	a Saxifrage	Hidden Valley
<i>Saxifraga globulifera*</i>	-	Cerro de Tavizna
<i>Saxifraga granulata</i>	Meadow Saxifrage	Grazalema
Scrophulariaceae	Figwort Family	
<i>Scrophularia sambucifolia</i>	Elder-leaved Figwort	Hidden Valley
<i>Verbascum giganteum</i>	Giant Mullein	Near Pileata caves
<i>Verbascum sinuatum</i>	-	Sierra del Pinar (leaves)
Simaroubaceae	Tree of Heaven Family	
<i>Ailanthus altissima</i>	Tree of Heaven	Cliffs, Ronda
Solanaceae	Nightshade Family	
<i>Hyoscyamus albus</i>	White Henbane	Ardales
<i>Mandragora autumnalis</i>	Mandrake	S of Grazalema
<i>Nicotiana glauca</i>	Shrub Tobacco	Ardales
Thymelaeaceae	Daphne Family	
<i>Daphne gnidium</i>	Mediterranean Mezereon	Sierra del Pinar (leaves)
<i>Daphne laureola</i>	Spurge Laurel	Sierra de las Nieves
Urticaceae	Nettle Family	
<i>Parietaria judaica</i>	Pellitory-of-the-wall	Ronda
<i>Parietaria officinalis</i>	Large Pellitory-of-the-wall	El Chorro
<i>Urtica membranacea</i>	Membranous Nettle	Grazalema
<i>Urtica urens</i>	Small Nettle	Grazalema
Violaceae	Violet Family	
<i>Viola demetrei</i>	-	E of Puerto del Viento

Monocots**Monocotyledons**

Amaryllidaceae	Amaryllis Family	
<i>Allium ampeloprasum</i>	Wild Leek	Finca La Guzmaná
<i>Allium neapolitanum</i>	Naples Garlic	Roadside near Antequerra
<i>Narcissus assoanus (N. requienii)</i>	Rush-leaved Jonquil	Sierra del Pinar
<i>Narcissus hispanicus (N. longispathus, N. bujei)</i>	Long-spathed Daffodil	Sierra de las Nieves

Scientific name	Common name	Location
<i>Narcissus cantabricus</i>	White Hoop-petticoat Daffodil	Near El Chorro (<i>fruit</i>)
<i>Narcissus cuatrecasasii</i> * (<i>N. rupicola</i>)	Rock Jonquil	Hidden Valley
<i>Narcissus flavus</i> (<i>N. fernandesii</i>)	-	Verge, S of Grazalema
<i>Narcissus papyraceus</i>	Paper-white Daffodil	Hidden Valley
Araceae	Arum Family	
<i>Arisarum vulgare</i>	Friar's Cowl	Gargante Verde
Arecaceae	Palm Family	
<i>Chamærops humilis</i>	Dwarf Fan Palm	Pileata caves (leaves)
[<i>Phoenix dactylifera</i>]	Date Palm	El Chorro
Asparagaceae	Asparagus Family	
<i>Aphyllanthes monspeliensis</i>	Blue Aphyllanthes	Gargante Verde
[<i>Agave americana</i>]	Century Plant	El Chorro
<i>Asparagus acutifolius</i>	Sharp-leaved Asparagus	Las Mezas
<i>Asparagus albus</i>	White-stemmed Asparagus	Las Mezas
<i>Dipcadi serotinum</i>	Brown Bluebell	Near El Chorro
<i>Drimia (Urginea) maritima</i>	Sea Squill	Common (<i>leaves</i>)
<i>Hyacinthoides hispanica</i>	Spanish Bluebell	Mirador Guarda Forestal
<i>Leopoldia comosa (Muscari comosum)</i>	Tassel Hyacinth	Near El Chorro
<i>Muscari neglectum</i>	Grape Hyacinth	Finca La Guzmaná
<i>Ornithogalum baeticum</i>	a Star of Bethlehem	W of Grazalema
<i>Ornithogalum reverchonii</i> *	a Star of Bethlehem	Hidden Valley
<i>Ruscus aculeatus</i>	Butcher's Broom	Mirador Guarda Forestal
Cyperaceae	Sedge Family	
<i>Schoenus nigricans</i>	Black Bog-rush	Sierra del Pinar
Dioscoreaceae	Black Bryony Family	
<i>Dioscorea (Tamus) communis</i>	Black Bryony	Mirador Guarda Forestal
Iridaceae	Iris Family	
<i>Iris foetidissima</i>	Stinking Iris	El Torcal (<i>fruit</i>)
<i>Iris planifolia</i>	Broad-leaved Iris	E of Puerto del Viento
<i>Romulea bulbocodium</i>	a Sand Crocus	Sierra del Pinar
Juncaeae	Rush Family	
<i>Scirpoides holoschoenus</i>	Round-headed Clubrush	Gargante Verde
Liliaceae	Lily Family	
<i>Fritillaria lusitanica</i>	Portuguese Fritillary	Above Zahara
<i>Gagea foliosa</i>	a Yellow Star of Bethlehem	E of Puerto del Viento
<i>Gagea lacaitae</i>	a Yellow Star of Bethlehem	Sierra de las Nieves
Orchidaceae	Orchid Family	
<i>Anacamptis collina (Orchis collina)</i>	Fan-lipped orchid	W of Ronda (<i>over</i>)
<i>Cephalanthera longifolia</i>	Sword-leaved Helleborine	E of Grazalema
<i>Himantoglossum robertianum</i>	Giant Orchid	Las Mezas
<i>Neotinea tridentata</i> subsp. <i>conica</i> (<i>Orchis conica</i>)	a Toothed Orchid	Sierra de las Nieves
<i>Ophrys bombyliflora</i>	Bumble Bee Orchid	Below Zahara
<i>Ophrys fusca</i> subsp. <i>fusca</i>	Sombre Bee Orchid	Las Mezas

Scientific name	Common name	Location
<i>Ophrys lutea</i>	Yellow Bee Orchid	Las Mezas
<i>Ophrys omegaifera</i> (<i>O. fusca</i> subsp. <i>omegaifera</i>)	a Sombre Bee Orchid	Las Mezas
<i>Ophrys speculum</i>	Mirror Orchid	Las Mezas
<i>Ophrys tenthredinifera</i>	Sawfly Orchid	Near El Chorro
<i>Orchis anthropophora</i>	Man Orchid	Near El Chorro
<i>Orchis italica</i>	Naked Man Orchid	Las Mezas
<i>Orchis olbiensis</i>	an Early Purple Orchid	Sierra del Pinar
Poaceae		
<i>Anisantha diandra</i>	Great Brome	Laguna Dulce
<i>Arundo donax</i>	Giant Reed	Tajo de Molino
<i>Bromus rubens</i>	Red Brome	Tajo de Molino
<i>Cynosurus echinatus</i>	Rough Dog's-tail	Near El Chorro
<i>Hyparrhenia hirta</i>	-	Pileata caves
<i>Koeleria macrantha</i>	Crested Hair-grass	Near El Chorro
<i>Lamarckia aurea</i>	Lamarck's Golden Grass	Tajo de Molino
<i>Rostraria cristata</i>	-	Zahara
<i>Stipa capensis</i>	a Feather Grass	El Chorro
<i>Vulpia bromoides</i>	Squirrel-tail Fescue	Laguna Dulce
Smilacaceae		
<i>Smilax aspera</i>	Common Smilax	Gargante Verde
Xanthorrhoeaceae		
<i>Asphodelus aestivus</i>	Common Asphodel	Roadsides
<i>Asphodelus albus</i>	White Asphodel	Sierra del Pinar
<i>Asphodelus fistulosus</i>	Small Asphodel	Tajo de Molino

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

	Common name	Scientific name	March							
			22	23	24	25	26	27	28	29
1	Grey Heron	<i>Ardea cinerea</i>			✓					
2	Great Cormorant	<i>Phalacrocorax carbo</i>	✓		✓					
3	Griffon Vulture	<i>Gyps fulvus</i>		✓	✓		✓	✓	✓	
4	Black-winged Stilt	<i>Himantopus himantopus</i>	✓							
5	Common Sandpiper	<i>Actitis hypoleucos</i>	✓							
6	Rock Dove [Feral]	<i>Columba livia feral</i>	✓	✓	✓	✓	✓	✓	✓	
7	Eurasian Collared Dove	<i>Streptopelia decaocto</i>		✓	✓	✓	✓	✓	✓	
8	Alpine Swift	<i>Tachymarptis melba</i>					✓	✓		
9	Common Swift	<i>Apus apus</i>				✓				
10	Eurasian Hoopoe	<i>Upupa epops</i>					H			
11	Great Spotted Woodpecker	<i>Dendrocopos major</i>				H			H	
12	European Green Woodpecker	<i>Picus viridis</i>						H		
13	Lesser Kestrel	<i>Falco naumanni</i>							✓	
14	Common Kestrel	<i>Falco tinnunculus</i>					✓			
15	Peregrine Falcon	<i>Falco peregrinus</i>			✓					
16	Southern Grey Shrike	<i>Lanius meridionalis</i>		✓						
17	Eurasian Jay	<i>Garrulus glandarius</i>		✓		✓				
18	Red-billed Chough	<i>Pyrrhocorax pyrrhocorax</i>		✓	✓	✓	✓	✓	✓	
19	Northern Raven	<i>Corvus corax</i>	✓	✓	✓					
20	Coal Tit	<i>Parus ater</i>			✓				H	

	Common name	Scientific name	March							
			22	23	24	25	26	27	28	29
21	European Crested Tit	<i>Lophophanes cristatus</i>			✓					
22	Great Tit	<i>Parus major</i>	✓		✓	H	✓	✓	✓	
23	Eurasian Blue Tit	<i>Cyanistes caeruleus</i>		✓	✓	✓	✓		✓	
24	Crested Lark	<i>Galerida cristata</i>	✓	✓	✓		✓		✓	
25	Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓		✓	✓	✓	
26	Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>			✓	✓	✓		✓	
27	Cetti's Warbler	<i>Cettia cetti</i>					H			
28	Eurasian Blackcap	<i>Sylvia atricapilla</i>		✓	✓	✓	✓	✓	✓	
29	Sardinian Warbler	<i>Sylvia melanocephala</i>		H			✓	H	✓	
30	Common Firecrest	<i>Regulus ignicapilla</i>			H	✓				
31	Eurasian Wren	<i>Troglodytes troglodytes</i>			H		H		H	
32	Eurasian Nuthatch	<i>Sitta europaea</i>								
33	Spotless Starling	<i>Sturnus unicolor</i>	✓	✓	✓		✓	✓	✓	
34	Common Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓	✓	✓	✓	
35	Song Thrush	<i>Turdus philomelos</i>		H		H			H	
36	European Robin	<i>Erithacus rubecula</i>			✓		✓	✓	H	
37	Black Redstart	<i>Phoenicurus ochruros</i>		✓	✓	✓	✓	✓	✓	
38	Whinchat	<i>Saxicola rubetra</i>						✓		
39	European Stonechat	<i>Saxicola rubicola</i>		✓	✓		✓	✓		
40	Blue Rock Thrush	<i>Monticola solitarius</i>			✓			✓		
41	House Sparrow	<i>Passer domesticus</i>	✓	✓	✓	✓	✓	✓	✓	
42	Grey Wagtail	<i>Motacilla cinerea</i>					✓			
43	White Wagtail	<i>Motacilla alba</i>			✓					
44	Common Chaffinch	<i>Fringilla coelebs</i>	✓	✓	✓	✓	✓	✓	✓	
45	European Serin	<i>Serinus serinus</i>		H	✓	✓	✓	✓	✓	
46	European Greenfinch	<i>Chloris chloris</i>	H		H			H	H	
47	European Goldfinch	<i>Carduelis carduelis</i>	H	✓	✓	✓	✓	✓	✓	
48	Common Linnet	<i>Linaria cannabina</i>		✓						
49	Corn Bunting	<i>Emberiza calandra</i>		✓			✓		✓	
50	Rock Bunting	<i>Emberiza cia</i>			✓		✓	✓	✓	
51	Cirl Bunting	<i>Emberiza cirlus</i>				✓		H		

Mammals (s=signs of)

1	Spanish Ibex	<i>Capra pyrenaica</i>		✓			✓			
2	Wild Boar	<i>Sus scrofa</i>		S	S	S	S			
3	Rabbit	<i>Oryctologus cuniculatus</i>			✓		✓			

Amphibians & Reptiles

1	Iberian Wall Lizard	<i>Podarcis hispanica</i>			✓				✓	
2	Large Psammodromus	<i>Psammodromus algirus</i>								
3	Spanish Psammodromus	<i>Psammodromus hispanicus</i>		✓					✓	
4	Spanish Terrapin	<i>Mauremys leprosa</i>					✓			

Butterflies

1	Spanish Festoon	<i>Zerynthia rumina</i>					✓		✓	
2	Large White	<i>Pieris brassicae</i>					✓		✓	
3	Small White	<i>Pieris rapae</i>					✓		✓	
4	Western Dappled White	<i>Euchloe crameri</i>			✓		✓			
5	Moroccan Orange Tip	<i>Anthocaris belia</i>			✓					

	Common name	Scientific name	March							
			22	23	24	25	26	27	28	29
6	Clouded Yellow	<i>Colias crocea</i>					✓		✓	
7	Provence Hairstreak	<i>Tomares ballus</i>					✓		✓	
8	Small Copper	<i>Lycaena phlaeas</i>					✓		✓	
9	Black-eyed Blue	<i>Glaucopsyche melanops algerica</i>							✓	
10	Large Tortoiseshell	<i>Nymphalis polychloros</i>							✓	
11	Red Admiral	<i>Vanessa atalanta</i>			✓		✓		✓	
12	Painted Lady	<i>Vanessa cardui</i>			✓		✓		✓	
13	Small Heath	<i>Coenonympha pamphilus</i>		✓					✓	
14	Speckled Wood	<i>Pararge aegeria</i>					✓		✓	
15	Wall Brown	<i>Lasiommata megera</i>							✓	

Macros Moths (B = Bivouac)

1	Pine Processionary Moth	<i>Thaumetopoea pityocampa</i>		B	B	B	B		B	
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Other Invertebrates (LO=Leader Only)

1	Praying Mantis	<i>Mantis religiosa</i>							✓	
2	Common Backswimmer	<i>Notonecta glauca</i>		✓						
3	Bee Fly	<i>Bombylius major</i>			LO					
4	Honey Bee	<i>Apis mellifera</i>							✓	
5	Buff-tailed Bumble Bee	<i>Bombus terrestris</i>							✓	
6	Rhino' Dung Beetle	<i>Copris lunaris</i>		✓						
7	Long-legged Centipede	<i>Scutigera coleoptrata</i>							✓	
8	Sheep Tick	<i>Ixodes ricinus</i>							✓	
9	Scorpion	<i>Buthus occitanicus</i>							✓	



The Group