

Spain - Spring Flowers of Western Andalusia

Naturetrek Tour Report

16 - 23 March 2016



El Torcal de Antequera



Mirror Orchid - *Ophrys speculum*



Spanish Festoon



Spanish Ibex

Report Paul Harmes
Images courtesy of Ros Sim & Bob Francis



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Day 1

Wednesday 16th March

Four tour group members met with Paul at the arrivals area at Malaga Airport, having arrived on the Easyjet flight, EZY8605, from Gatwick. 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, Common Swift, Barn Swallow, Black Kite, Short-toed Snake Eagle and Common Buzzard were seen. 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 4km 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 a snack.

At 7.30pm, we met up for drinks with the remaining Group members, Ann, Sarah and Peter, when Paul briefly outlined details of the plans for the first few days, and Peter the logistics of the Finca. We then went down the road to a local La Venta Cordoniz for dinner.

Day 2

Thursday 17th March

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 Griffon Vulture, Jay, Corn Bunting, Whinchat and Crested Lark. We turned south on the Ubrique road, and made a stop on a wide verge, where we found a good number of *Narcissus flavus* and a pink carpet of *Erodium primulaceum* (a Stork's-bill). Whilst admiring the plants, we were watching Griffon Vultures gliding a circling over an adjacent cliff side, when we became aware of a growing number of additional raptors moving north along the ridge. There were Red Kite, numerous Black Kites and a good number of Booted Eagles. In addition, there was a solitary Short-toed Snake Eagle. This migration spectacle lasted for about 45 minutes.

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. 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). Firecrest was spotted fleetingly and Coal Tit and Northern Raven were heard we progressed. As the path ascended, *Romulea bulbocodium* (a Sand Crocus) and *Orchis olbiensis* (an Early Purple Orchid) were recorded. After about 1.5km, 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 a solitary spike of *Narcissus assoanus* (Rush-leaved Jonquil), the diminutive, yellow Violet *Viola demetria* and the leafy clumps of *Arenaria tetraquetra* (Spanish Sandwort). 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. As we were eating we added Rock Bunting and Great Tit, a small number of Black-eyed Blue butterflies and *Retama monosperma* (Bridal Veil).

We drove on up to the 'Puerto de las Palomas' (Pass of the Doves), where we took photos of the views from the mirador. As we were about to leave, Colin spotted an Alpine Accentor, at close quarters, and there was also Ring Ouzel and Black Redstart. We now began the descent towards Zahara, stopping on a rocky roadside to photograph *Himantoglossum robertianum* (Giant Orchid) and a few more *Orchis olbiensis*.

Our next stop of the day was the car park at the 'Gargana Verde'. Here, we saw *Narcissus assoanus* (Rush-leaved Jonquil), *Ophrys fusca* subsp. *fusca* (Sombre Bee Orchid), *Ulex parviflorus* (Small-flowered Gorse), *Aristolochia baetica* (a Birthwort), *Myrtus communis* (Myrtle) and *Fedia cornucopiae* (Fedia). Sardinian Warbler, Griffon Vulture and Black Redstart were also seen, together with the curious Oil Beetle, found by Ann.

We made our 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. Just before we ate, Greater Mouse-eared Bats were seen.

Day 3

Friday 18th March

Today we travelled in the opposite direction, towards the village of El Burgo. Our first stop was on the 'Puerto del Viento' (Pass of the Wind) Here, we stopped briefly to see if any Wheatears had arrived. We did not find any, but we did see Red-billed Chough, Griffon Vulture sitting on the crags, Alpine Accentor and Peregrine Falcon. A little further to the east, we stopped to look for *Iris planifolia* (Flat-leaved Iris), but, unfortunately, it was over. However, some adjacent rocks had *Hornungia petraea* (Hutchensia), *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, Red-billed Chough and a Little Owl were also seen. A further short stop was made to watch a 'rising column' of circling Griffon Vultures, about 70 in number.

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), *Aristolochia baetica* (a Birthwort), *Microblaspis perfoliata* (Perfoliate Pennycress), *Ornithogalum baeticum* (a Star of Bethlehem), *Olea europaea* (Wild Olive), *Phlomis purpurea* (Purple Phlomis) and *Linaria tristis* (a Toadflax). Birds here included Common Blackbird, Eurasian Crag Martin, Black Redstart and Common House Martin.

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. 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 reservoirs meet. Here we parked, and began an exploration of the *Pinus halepensis* (Aleppo Pine) woodland, which revealed *Cistus albidus* (Grey-leaved Cistus), *Narcissus cantabricus* (White Hooped-petticoat Daffodil), sadly past its best. Birds here included Great Tit, Long-tailed Tit and Common Chaffinch.

After our picnic lunch, we walked down towards the road, finding *Echium albicans* (a pink Viper's-bugloss), *Rupicapnos africana*, *Ranunculus spicatus* subsp. *blepharicarpos* (Rock Buttercup), *Chaenorbinum villosum*, *Lithodora prostrata* subsp. *lusitanica* (a Gromwell), *Muscari neglectum* (Grape Hyacinth), *Orchis anthropophora* (Man Orchid) and *Ophrys tentbredinifera* (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), *Rupicapnos africana*, *Adiantum capillus-veneris* (Maidenhair Fern), *Vinca difformis* (Intermediate Periwinkle) and *Punica granatum* (Pomegranate). Griffon Vultures were present, and Great Cormorant, but the highlight was a solitary female Northern Goshawk.

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

Day 4

Saturday 19th March

After breakfast, and following overnight rain, we headed off in a south-easterly direction towards San Pedro, and into the Sierra de las Nieves National Park, and along the way we saw Woodchat Shrike. Our objective was the Los Quejigales recreation area, situated some 8km 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, in very light rain, was on a rocky, Limestone road edge. Here we saw *Orchis olbiensis*, *Neotinia tridentata* subsp. *conica* (a Toothed Orchid), *Narcissus assoanus* (Rush-leaved Jonquil) and emerging *Ophrys scolopax* (Woodcock Orchid). 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 vehicles at Los Quejigales, we set off 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 acutifolius* (Sharp-leaved Asparagus) and *Narcissus hispanicus* (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. Very little birdlife was active, but we did record Griffon Vulture, Short-toed Snake Eagle, European Robin, Eurasian Wren and European Green Woodpecker, as we made the return journey to the vehicle.

After our descent, we set up our picnic. With the meal complete, we set off for Ronda. As we drove through the Park, numerous Eurasian Jays were seen as well as fleeting view of Common Wood Pigeon, an uncommon bird in this area.

Arriving 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, Blackcap, Blue Rock Thrush and Eurasian Crag

Martins were all seen, as well as *Smyrniium olusatrum* (Alexanders), *Moricandia moricandioides* (a Purple Cabbage), *Sedum sediforme* (Large Stonecrop), *Misopates orontium* (Weasel Snout), *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 20th March

Following breakfast, we left the Finca La Guzman. Our route took us on the road towards Campillos. Barn Swallow, Spotless Starling 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 on Via Campillos. A solitary Western Marsh Harrier was seen along the way. 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. Although overcast, the cloud was quite high, and we were able to fully appreciate this stunning 'Karst' limestone landscape. A short visit to the mirador, produced close views of Black Redstart, Sardinian Warbler and a female Blue Rock Thrush. After we had had coffee, we set off to explore. We walked part of one of the circular tracks, for a short distance, 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). Paul then decided that the conditions meant it was not safe underfoot to continue, so we retraced our route carefully back to the car park.

During our picnic, European Robin, Rock Bunting and Great Tit were all seen well. After eating, and in very light rain, we continued by walking along the access road, finding *Hyacinthoides hispanicus* (Spanish Bluebell), *Anemone palmata* (a Yellow Anemone), *Iris lutescens* subsp. *subbiflora*, *Ophrys tentbredinifera* (Sawfly Orchid) and the attractive *Narcissus papyraceus* (Paper-white Daffodil). Peregrine Falcon and Griffon Vulture were also seen.

We now re-joined our vehicle to move on to our next destination, the Laguna de Fuente de Piedra to the north of Antequera. Although the main lake had a rather low water level, meaning that much of the birdlife was rather distant, the 'scrapes' by the access road were rather productive. We saw good numbers of Eurasian Coot and Northern Shoveler, together with Pied Avocet, Greater Flamingo, Eurasian Teal, Wood Sandpiper, Ruff and Common Sandpiper. Over the water Barn Swallows were feeding, and a solitary Sand Martin, Grey Wagtail and Little Ringed Plovers were also noted before it was time to head back to Ronda. As we went we had excellent views of a male Montagu's Harrier, two Western Marsh Harriers, Hoopoe and Corn Bunting, before re-joining the vehicles for the final leg of the journey back to Ronda.

Day 6

Monday 21st March

Today dawned to torrential rain showers and, after another fine breakfast, we again left the hotel and drove down towards Ronda, before taking the Seville road, turning off towards Benaolan and Montejaque. Passing through Benaolan, we turned off, and 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 tickets were purchased for our visit. For those who chose not to enter the caves, a brief exploration of the car park, produced

Calycotome villosa (Prickly Broom), *Aphyllanthes monspeliensis* (Blue Aphyllanthes) and Serin, Blackcap and Sardinian Warbler were also recorded.

By now the sun had put in an appearance, and our route now took us on to the small town of Montejaque, where we took a sharp turn and made our way up to the 'Los Llanas de Libar', known to Paul as the 'Hidden Valley', in the Sierra de Montalata, where 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 *Linaria tristis* (a Toadflax), as well as *Ophrys tenthredinifera* (Sawfly Orchid). Overhead, Griffon Vultures were struggling to gain height, due to the lack of thermals, and we recorded a group of 21 Black Kites, Northern Raven and Red-billed Chough. After our picnic, we began to walk down the valley, until another, prolonged heavy rain shower ended the descent. Further on, European Robin, Common Linnet and European Stonechat were added and a high cliff produced *Saxifraga bourgaeana* (a Saxifrage), *Narcissus cuatrecasasii* (Rock Jonquil), *Ornithogalum reverchonii* (an endemic Star of Bethlehem) and *Fedia cornucopiae* (Fedia). From here, the group walked along the margins of the access track, recording *Antirrhinum barrelieri* (a Snapdragon), *Anagyris foetida* (Bean Trefoil), *Glebionis segetum* (Corn Marigold) *Cytisus baetica* (a Broom) and *Lathyrus chymenum* (a Pea).

After a much-needed stop for hot refreshments, we left Montejaque, and made our way north, stopping below the Cerro de Tavizna, to explore a quiet rocky verge. By now the rain had eased off and the sun attempted to appear again, albeit rarely. On the outcrops we found *Orchis olbiensis* (an Early Purple Orchid), *Vinca difformis* (Intermediate Periwinkle), *Saxifraga granulata* (Meadow Saxifrage), *Linaria aeruginea* (a Toadflax) and *Muscari neglectum* (Grape Hyacinth). Blue Rock Thrush, Griffon Vulture and Red-billed Chough were also present. On the Cerro, Ros spotted a small group of distant Spanish Ibex, resting and browsing.

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

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) *Cistus laurifolius*, *Lavandula stoechas* subsp. *stoechas* (French Lavender), *Quercus suber* (Cork Oak) and *Cistus salvifolius* (Sage-leaved Cistus). We also noted a sitting Common Buzzard, Eurasian Jay and Eurasian Blue Tit. At the second we added *Teucrium fruticans* (Shrub Germander), *Cistus populifolius* (Poplar-leaved Cistus), *Quercus faginea* (Beech-leaved Oak), and *Cistus laurifolius*.

Moving on, we parked below the cliffs on the south side of Grazalema. It was a clear but cloudy morning, with some threatening cloud. The plan was to explore the cliffs and broad road verges. *Hesperis laciniata* (Cut-leaved Dame's Violet) and the leaves of the endemic Clemente's Knapweed, *Centaurea clementei*, were early finds. Above the cliffs, occasional Griffon Vultures, Northern Raven and Red-billed Chough were soaring, and a solitary Lesser Kestrel was also seen. 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 *Cerintho major* var. *purpurescens* (Greater Honeywort). The boulder-strewn fields produced Black Wheatear, clear views of male and female Blue Rock Thrush, European Stonechat, European Serin and Eurasian Blackcap. Eurasian Wren was also heard.

At this point, we had planned to stop in the village but, as it was market day, there was no available parking, so we continued on 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 *Orchis italica* (Naked Man Orchid). Paul also found a Brown Scorpion and the venomous Giant Centipede, and Ros found a male Cirl Bunting.

Our proposed final stop of the day was to have been in the village of Zahara de la Sierra, but, once again, we were prevented from stopping by the lack of parking. At this point, Paul decided to return to the village of Grazalema, as, by now, the parking situation should have eased. We parked at the town centre car park and set off to explore town. Here, we found *Saxifraga granulata* (Meadow Saxifrage) adorning the town walls, and *Linaria platycalyx*, an endemic Toadflax, on rock just outside the village.

Re-joining the vehicle, we set off back to the Finca in time to pack before dinner.

Day 8

Wednesday 23rd March

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.

I would like to offer my sincere thanks to Bob Francis for his preparation of the Lichen list.

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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		
Horsetails		
Equisetaceae		
<i>Equisetum hyemale</i>	Dutch Rush	Near El Chorro
Leptosporangiate Ferns		
True Ferns		
Aspleniaceae		
<i>Asplenium ceterach</i>	Rustyback	Sierra del Pinar
<i>Asplenium trichomanes</i> subsp. <i>quadrivalens</i>	Maidenhair Spleenwort	El Torcal
Polypodiaceae		
<i>Polypodium cambricum</i>	Southern Polypody	Mirador del Guada Forestal
Pteridaceae		
<i>Adiantum capillus-veneris</i>	Maidenhair Fern	Near El Chorro
<i>Cheilanthes pteridioides</i>	Scented Cheilanthes	Mirador del Guada Forestal
GYMNOSPERMS		
CONIFERS		
Cupressaceae		
[<i>Cupressus macrocarpa</i>]	Monterey Cypress	Below Grazalema
<i>Juniperus communis</i>	Juniper	W of El Burgo
<i>Juniperus phoenicea</i> subsp. <i>phoenicea</i>	Phoenician Juniper	Mirador de las Embalsas
Pinaceae		
<i>Abies pinsapo</i>	Spanish Fir	Sierra del Pinar
[<i>Cedrus deodara</i>]	Deodar Cedar	Sierra de las Nieves
<i>Pinus halepensis</i>	Aleppo Pine	Sierra del Pinar
<i>Pinus pinaster</i>	Maritime Pine	Sierra del Pinar
<i>Pinus pinea</i>	Stone or Umbrella Pine	S of Grazalema
ANGIOSPERMS		
FLOWERING PLANTS		
Pre-dicots		
Primitive Angiosperms		
Aristolochiaceae		
<i>Aristolochia baetica</i>	a Birthwort	Garganta Verde
<i>Aristolochia paucinervis</i>	a Birthwort	Las Mezas

Scientific name	Common name	Location
Eu-dicots		
True Dicotyledons		
Acanthaceae	Bear's-breech Family	
<i>Acanthus mollis</i>	Bear's-breech	Near El Chorro
Anacardiaceae	Sumach Family	
<i>Pistacia lentiscus</i>	Mastic Bush	Garganta Verde
Apiaceae	Carrot Family	
<i>Bupleurum fruticosum</i>	Shrubby Hare's-ear	W of El Chorro
<i>Bupleurum spinosum</i>	Spiny Hare's-ear	Sierra del Pinar
<i>Ferula communis</i>	Giant Fennel	Near El Chorro
<i>Foeniculum vulgare</i>	Fennel	Hidden Valley
<i>Scandix pecten-veneris</i>	Shepherd's Needle	E of the Puerto del Viento
<i>Smyrniolus satrum</i>	Alexanders	Near El Chorro
<i>Thapsia garganica</i>	Thapsia	Sierra de las Nieves
Apocynaceae	Periwinkle Family	
<i>Vinca difformis</i>	Intermediate Periwinkle	Common
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>Borago officinalis</i>	Borage	Near El Chorro
<i>Cerintho major</i> var. <i>purpurescens</i>	Greater Honeywort	Below Grazalema
<i>Cynoglossum clandestinum</i>	a Hound's-tongue	Las Mezas
<i>Echium albicans</i>	-	Mirador de las Embalsas (leaves)
<i>Echium boissieri</i>	Boissier's Viper's-bugloss	S of Grazalema
<i>Echium plantagineum</i>	Purple Viper's-bugloss	Near Malaga Airport
<i>Echium vulgare</i>	Viper's-bugloss	Mirador del Guada Forestal
<i>Lithodora prostrata</i> subsp. <i>lusitanica</i>	a Gromwell	Mirador de las Embalsas
<i>Nonea vesicaria</i>	Nonea	Laguna de Fuente de Piedra
<i>Pardoglossum (Cynoglossum) cheirifolium</i>	a Hound's-tongue	Mirador del Guada Forestal
Brassicaceae	Cabbage Family	
<i>Biscutella baetica</i> *	Andalus Buckler Mustard	Sierra de las Nieves
<i>Biscutella frutescens</i> *	-	E of Puerto del Viento (leaves)
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	Garganta Verde
<i>Clypeola jonthlaspi</i>	Clypeola	Sierra de las Nieves
<i>Draba hispanica</i>	Spanish Whitlow-grass	Sierra del Pinar
<i>Eruca vesicaria</i>	Rocket	Mirador de las Embalsas
<i>Erysimum cheiri</i>	Wallflower	Below Grazalema
<i>Hesperis laciniatus</i>	Cut-leaved Dame's Violet	Below Grazalema
<i>Hornungia petraea</i>	Hutchinsia	Sierra de las Nieves
<i>Iberis sempervirens</i>	Candytuft	Mirador de las Embalsas
<i>Lobularia maritima</i>	Sweet Alison	Mirador del Guada Forestal
<i>Microthlaspi (Thlaspi) perfoliatum</i>	Perfoliate Penny-cress	Garganta Verde
<i>Moricandia moricandioides</i>	Purple Cabbage	E of Las Mezas

Scientific name	Common name	Location
<i>Sinapis alba</i>	White Mustard	Ronda
<i>Sinapis arvensis</i>	Charlock	Below Grazalema
Cactaceae	Cactus Family	
[<i>Opuntia ficus-indica</i>]	Barbary Fig or Prickly Pear	Commonly naturalised
Caprifoliaceae	Honeysuckle Family	
<i>Centranthus calcitrapa</i>	Annual Valerian	Mirador del Guada Forestal
<i>Fedia cornucopiae</i>	Fedia	Las Mezas
<i>Lonicera arborea</i>	Tree Honeysuckle	Sierra de las Nieves
Caryophyllaceae	Pink Family	
<i>Arenaria tetraquetra</i>	Spanish Sandwort	Sierra del Pinar
<i>Cerastium glomeratum</i>	Sticky Mouse-ear	Below Cerro Tavizna
<i>Dianthus</i> sp.	a Pink	Below Cerro Tavizna
<i>Paronychia capitata</i>	a Paronychia	Garganta Verde
<i>Silene colorata</i>	a Catchfly	Mirador del Guada Forestal
<i>Silene latifolia</i>	White Champion	Mirador del Guada Forestal
<i>Silene vulgaris</i>	Bladder Champion	Hidden Valley
Cistaceae	Rock-rose Family	
<i>Cistus albidus</i>	Grey-leaved Cistus	Mirador de las Embalsas
<i>Cistus laurifolius</i>	-	E of Grazalema
<i>Cistus monspeliensis</i>	Narrow-leaved Cistus	E of Grazalema
<i>Cistus populifolius</i>	Poplar-leaved Cistus	E of Grazalema (leaves)
<i>Cistus salvifolius</i>	Sage-leaved Cistus	Near El Chorro
<i>Helianthemum origanifolium</i>	Marjoram-leaved Rock-rose	Sierra del Pinar
<i>Tuberaria echioides</i>	a Spotted Rock-rose	Mirador de las Embalsas
<i>Tuberaria guttata</i>	Spotted Rock-rose	Mirador de las Embalsas
Compositae (Asteraceae)	Daisy Family	
<i>Andryala integrifolia</i>	Andryala	Near El Chorro
<i>Bellis perennis</i>	Daisy	Below Grazalema
<i>Bellis sylvestris</i>	Southern Daisy	Sierra del Pinar
<i>Calendula arvensis</i>	Field Marigold	Sierra del Pinar
<i>Calendula suffruticosa</i>	-	Laguna de Fuente de Piedra
<i>Carduus pycnocephalus</i>	Plymouth Thistle	Garganta Verde
<i>Centaurea calcitrapa</i>	Red Star Thistle	Sierra del Pinar (leaves)
<i>Centaurea clementei</i> *	Clemente's Knapweed	Below Grazalema
<i>Centaurea pullata</i>	-	Garganta Verde
<i>Dittrichia viscosa</i>	Woody Fleabane	Near El Chorro
<i>Galactites tomentosa</i>	Galactites	Near El Chorro
<i>Glebionis coronarium</i> var. <i>discolor</i>	Crown Daisy	Roadsides near Malaga
<i>Glebionis segetum</i>	Corn Marigold	Hidden Valley
<i>Hyoseris radiata</i>	Hyoseris	Hidden Valley
<i>Phagnalon saxatile</i>	Phagnalon	Hidden Valley
<i>Ptilostemon hispanica</i>	Spanish Thistle	Sierra del Pinar
<i>Reichardia intermedia</i>	Reichardia	Mirador de las Embalsas
<i>Senecio nevadensis</i>	a Ragwort	Hidden Valley
<i>Sencio vulgare</i>	Groundsel	Garganta Verde
<i>Silybum marianum</i>	Milk Thistle	Garganta Verde
<i>Sonchus asper</i>	Prickly Sow-thistle	Hidden Valley

Scientific name	Common name	Location
<i>Sonchus oleraceus</i> <i>Urospermum picroides</i>	Smooth Sow-thistle a Urospermum	Mirador del Guada Forestal Near El Chorro
Convolvulaceae <i>Convolvulus althaeoides</i>	Bindweed Family Mallow-leaved Bindweed	Near El Chorro
Crassulaceae <i>Crassula tilaea</i> <i>Sedum album</i> <i>Sedum brevifolium</i> <i>Sedum mucizonia</i> (<i>Mucizonia hispida</i>) <i>Sedum sediforme</i> <i>Sedum sexangulare</i> <i>Umbilicus rupestris</i>	Stonecrop Family Mossy Stonecrop White Stonecrop Short-leaved Stonecrop Mucizonia Large Stonecrop Tasteless Stonecrop Navelwort	Sierra del Pinar El Torcal Sierra de las Nieves Ronda Mirador del Guada Forestal El Torcal Mirador del Guada Forestal
Cucurbitaceae <i>Bryonia dioica</i>	White Bryony Family White Bryony	E of Grazalema
Ericaceae <i>Arbutus unedo</i>	Heath Family Strawberry Tree	N of Grazalema
Euphorbiaceae <i>Euphorbia characias</i> subsp. <i>characias</i> <i>Euphorbia helioscopia</i> <i>Euphorbia nicaeensis</i> <i>Euphorbia peplus</i> <i>Euphorbia sulcata</i> <i>Mercurialis annuus</i> [<i>Ricinus communis</i>]	Spurge Family Large Mediterranean Spurge Sun Spurge - Petty Spurge - Annual Mercury Castor Oil Plant	El Torcal Sierra del Pinar W of Ronda Sierra del Pinar El Torcal Garganta Verde Roadsides
Fagaceae <i>Quercus coccifera</i> <i>Quercus faginea</i> <i>Quercus ilex</i> <i>Quercus suber</i>	Oak & Beech Family Kermes Oak - Holm oak Cork Oak	Sierra del Pinar E of Grazalema Mirador del Guada Forestal E of Grazalema
Geraniaceae <i>Erodium cicutarium</i> <i>Erodium malacoides</i> <i>Erodium moschatum</i> <i>Erodium primulaceum</i> <i>Erodium recoderi</i> * <i>Geranium lucidum</i> <i>Geranium molle</i> <i>Geranium purpureum</i> <i>Geranium rotundifolium</i>	Geranium Family Common Stork's-bill Mallow-leaved Stork's-bill Musk Stork's-bill - - Shiny Crane's-bill Dove's-foot Crane's-bill Little Robin Round-leaved Crane's-bill	Below Grazalema Garganta Verde Las Mezas S of Grazalema Garganta Verde El Torcal (leaves) Mirador del Guada Forestal Near El Chorro Mirador del Guada Forestal
Lamiaceae <i>Ballota pseudodictamnus</i> <i>Lavandula lanata</i> * <i>Lavandula multifida</i> <i>Lavandula stoechas</i> subsp. <i>stoechas</i>	Dead-nettle Family Garden Horehound Woolly Lavender Cut-leaved Lavender French Lavender	Garganta Verde Sierra de las Nieves Mirador de las Embalsas E of Grazalema

Scientific name	Common name	Location
<i>Mentha x verticillata</i>	Apple Mint	Near El Chorro
<i>Phlomis lychnitis</i>	-	Mirador de las Embalsas (leaves)
<i>Phlomis purpurea</i>	Purple Phlomis	Mirador del Guada Forestal
<i>Rosmarinus officinalis</i>	Rosemary	Mirador de las Embalsas
<i>Salvia verbenaca</i>	Wild Clary	Garganta Verde
<i>Stachys arvensis</i>	Field Woundwort	Below Grazalema
<i>Teucrium fruticans</i>	Shrub Germander	E of Grazalema
<i>Teucrium polium</i> agg.	Felty Germander	Sierra del Pinar
<i>Thymus capitatus</i>	Capitate Thyme	Sierra del Pinar
Leguminosae (Fabaceae)	Pea Family	
<i>Acacia retinodes</i>	Swamp Wattle	Roadsides N of Malaga
<i>Anagyris foetida</i>	Bean Trefoil	Hidden Valley
<i>Anthyllis cystoides</i>	Shrub Kidney-vetch	Mirador de las Embalsas
<i>Astragalus glaucus</i>	a Milk-vetch	Garganta Verde
<i>Astragalus lusitanicus</i>	a Milk-vetch	Mirador de Acebuches
<i>Bituminaria bituminosa</i>	Pitch Trefoil	Near El Chorro
<i>Calycotome villosa</i>	Prickly Broom	Pileta
<i>Ceratonia siliqua</i>	Carob	Sierra del Pinar
[<i>Cercis siliquastrum</i>]	Judas Tree	Grazalema
<i>Cytisus baeticus</i>	-	Hidden Valley
<i>Genista umbellata</i>	-	Sierra de las Nieves
<i>Hippocrepis scabra</i>	-	Hidden Valley
<i>Lathyrus clymenum</i>	-	Mirador de las Embalsas
<i>Lotus tetragonolobus</i> (<i>Tetragonolobus purpureus</i>)	Asparagus Pea	Below Grazalema
<i>Medicago polymorpha</i>	Toothed medick	Garganta Verde
<i>Retama (Lygos) monosperma</i>	Bridal Veil Broom	Sierra del Pinar
<i>Retama (Lygos) sphaerocarpa</i>	-	Las Mezas (leaves)
<i>Spartium junceum</i>	Spanish Broom	Common
<i>Trifolium dubium</i>	Lesser Yellow Trefoil	Mirador del Guada Forestal
<i>Tripodion tetraphyllum</i> (<i>Anthyllis tetraphylla</i>)	Bladder Vetch	Hidden Valley
<i>Ulex parviflorus</i>	Small-flowered Gorse	Common
[<i>Vicia faba</i>]	Broad Bean	Near Zahara
Malvaceae	Mallow Family	
<i>Malva sylvestris</i>	Common Mallow	Las Mezas
Moraceae	Fig Family	
<i>Ficus carica</i>	Fig	Near El Chorro
Myrtaceae	Myrtle & Gum Family	
[<i>Eucalyptus camaldulensis</i>]	River Red Gum	Naturalised
[<i>Eucalyptus globulus</i>]	Tasmanian Blue Gum	Naturalised
[<i>Eucalyptus robusta</i>]	Iron Bark	Naturalised
<i>Myrtis communis</i>	Myrtle	Garganta Verde
Oleaceae	Olive Family	
<i>Fraxinus angustifolia</i>	Narrow-leaved Ash	Between El Burgo & Ardales
<i>Fraxinus ornus</i>	Manna or Flowering Ash	N of Arriate
<i>Jasminum fruticans</i>	Jasmine	Pileta
<i>Olea europaea</i>	Wild Olive	Mirador del Guada Forestal

Scientific name	Common name	Location
Oxalidaceae [<i>Oxalis pes-caprae</i>]	Wood-sorrel Family Bermuda Buttercup	Common
Paeoniaceae <i>Paeonia broteri</i>	Peony Family a Peony	E of Puerto del Viento
Papaveraceae <i>Fumaria muralis</i> <i>Papaver rhoeas</i> <i>Rupicapnos africana</i>	Poppy Family Common Ramping Fumitory Common Poppy -	Mirador del Guada Forestal Ronda Mirador de las Embalsas
Plantaginaceae <i>Antirrhinum barrelieri</i> <i>Chaenorhinum villosum</i> <i>Linaria aeruginea</i> * <i>Linaria anticaria</i> * <i>Linaria platycalyx</i> * <i>Linaria tristis</i> <i>Misopates orontium</i> <i>Veronica cymbalaria</i> <i>Veronica polita</i>	Plantain Family a Snapdragon - a Toadflax a Toadflax a Toadflax a Toadflax Weasel-snout White Speedwell Grey Field Speedwell	Hidden Valley Mirador de las Embalsas Below Cerro Tavizna El Torcal (leaves) Below Grazalema Mirador del Guada Forestal Ronda Sierra del Pinar Grazalema
Polygalaceae <i>Polygala rupestris</i>	Milkwort Family Rock Milkwort	Near El Chorro
Polygonaceae <i>Rumex scutatus</i>	Dock Family French or Shield Dock	Pileta
Primulaceae <i>Anagallis arvensis (Red & Blue)</i>	Primrose Family Scarlet Pimpernel	Las Mezas
Punicaceae [<i>Punica granatum</i>]	Pomegranate Family Pomegranate	Near El Chorro
Ranunculaceae <i>Anemone palmata</i> <i>Clematis cirrhosa</i> <i>Ficaria verna</i> subsp. <i>ficariiformis</i> <i>Helleborus foetidus</i> <i>Ranunculus macrophyllus</i> <i>Ranunculus spicatus</i> subsp. <i>blepharicarpos</i>	Buttercup Family Yellow Anemone Virgin's Bower Lesser Celandine Stinking Hellebore Large-leaved Buttercup a Buttercup	El Torcal Mirador del Guada Forestal Sierra de las Nieves Sierra de las Nieves Sierra de las Nieves Mirador de las Embalsas
Resedaceae <i>Reseda alba</i> <i>Reseda luteola</i> <i>Reseda suffruticosa</i> <i>Reseda undata</i> subsp. <i>gayana (R. gayana)</i>	Mignonette Family White Mignonette Weld a Mignonette a Mignonette	Near El Chorro E of Grazalema Near El Chorro Hidden Valley
Rosaceae <i>Crataegus monogyna</i> <i>Prunus avium</i> [<i>Prunus dulcis</i>]	Rose Family Hawthorn Wild Cherry Almond	Sierra de las Nieves E of Grazalema Below Cerro Tavizna

Scientific name	Common name	Location
<i>Prunus prostrata</i>	Prostrate Plum	Sierra del Pinar
<i>Prunus spinosa</i>	Blackthorn	E of Grazalema
<i>Rosa</i> sp.	-	Below Grazalema
<i>Rubus ulmifolius</i>	Bramble	Sierra del Pinar
Rubiaceae	Bedstraw Family	
<i>Galium aparine</i>	Cleavers	E of Puerto del Viento
<i>Galium verrucosum</i>	-	Below Grazalema
<i>Rubia peregrina</i>	Wild Madder	Sierra de las Nieves
<i>Sherardia arvensis</i>	Field Madder	Las Mezas
Rutaceae	Rue Family	
[<i>Citrus aurantium</i>]	Bitter Orange	Cultivated
[<i>Citrus limon</i>]	Lemon	Cultivated
[<i>Citrus sinensis</i>]	Orange	Cultivated
<i>Ruta chalepensis</i>	Fringed Rue	Hidden valley
Santalaceae	Sandalwood Family	
<i>Osyris alba</i>	Osyris	Below Grazalema
<i>Viscum album</i>	Mistletoe	N of Ronda
<i>Viscum cruciatum</i>	Red-berried Mistletoe	Hidden Valley
Saxifragaceae	Saxifrage Family	
<i>Saxifraga bitermata</i> *	El Torcal Saxifrage	El torcal (leaves)
<i>Saxifraga bourgaeana</i> *	a Saxifrage	Hidden Valley
<i>Saxifraga granulata</i>	Meadow Saxifrage	Below Cerro Tavizna
<i>Saxifraga tridactylites</i>	Rue-leaved Saxifrage	Mirador del Guada Forestal
Scrophulariaceae	Figwort Family	
<i>Scrophularia sambucifolia</i>	Elder-leaved Figwort	Below Grazalema
<i>Verbascum giganteum</i>	Giant Mullein	Below Grazalema (leaves)
<i>Verbascum sinuatum</i>	-	Below Grazalema (leaves)
Simaroubaceae	Tree of Heaven Family	
<i>Ailanthus altissima</i>	Tree of Heaven	Ronda
Solanaceae	Nightshade Family	
<i>Hyoscyamus albus</i>	White Henbane	Ronda
<i>Mandragora autumnalis</i>	Mandrake	Garganta Verde
<i>Nicotiana glauca</i>	Shrub Tobacco	Ardales
<i>Solanum nigrum</i>	Black Nightshade	Pileta
Thymelaeaceae	Daphne Family	
<i>Daphne gnidium</i>	Mediterranean Mezereon	Sierra del Pinar (leaves)
<i>Daphne laureola</i>	Spurge Laurel	Sierra de las Nieves
Ulmaceae	Elm Family	
<i>Ulmus canescens</i>	Small-leaved Elm	W of Ronda
Urticaceae	Nettle Family	
<i>Parietaria officinalis</i>	Large Pellitory-of-the-wall	Near El Chorro
<i>Urtica membranacea</i>	Membranous Nettle	E of Puerto del Viento

Scientific name	Common name	Location
<i>Urtica urens</i>	Small Nettle	Las Mezas
Violaceae	Violet Family	
<i>Viola demetria</i>	-	Sierra del Pinar
Monocots	Monocotyledons	
Amaryllidaceae	Amaryllis Family	
<i>Allium ampeloprasum</i>	Wild Leek	Finca la Guzmaná
<i>Allium neapolitanum</i>	Naples Garlic	Hidden Valley
<i>Allium triquetrum</i>	Three-cornered Leek	Below Grazalema
<i>Narcissus assoanus</i> (<i>N. requienii</i>)	Rush-leaved Jonquil	Garganta Verde
<i>Narcissus hispanicus</i> (<i>N. longispathus</i> , <i>N. bujei</i>)	Long-spathed Daffodil	Sierra de las Nieves
<i>Narcissus cantabricus</i>	White Hoop-petticoat Daffodil	Mirador de las Embalsas
<i>Narcissus cuatrecasasii</i> * (<i>N. rupicola</i>)	Rock Jonquil	Hidden Valley
<i>Narcissus flavus</i> (<i>N. fernandesii</i>)	-	S of Grazalema
<i>Narcissus papyraceus</i>	Paper-white Daffodil	El Torcal
Araceae	Arum Family	
<i>Arisarum vulgare</i>	Friar's Cowl	Below Grazalema (leaves)
<i>Arum italicum</i> subsp. <i>neglectum</i>	Italian Arum	Garganta Verde
Arecaceae	Palm Family	
<i>Chamærops humilis</i>	Dwarf Fan Palm	Garganta Verde
Asparagaceae	Asparagus Family	
<i>Aphyllanthes monspeliensis</i>	Blue Aphyllanthes	Sierra del Pinar
[<i>Agave americana</i>]	Century Plant	Naturalised
<i>Asparagus acutifolius</i>	Sharp-leaved Asparagus	Near El Chorro
<i>Asparagus albus</i>	White-stemmed Asparagus	Ronda
<i>Dipcadi serotinum</i>	Brown Bluebell	Mirador de las Ebalsas
<i>Drimia (Urginea) maritima</i>	Sea Squill	Common (leaves)
<i>Hyacinthoides hispanica</i>	Spanish Bluebell	Mirador del Guada Forestal
<i>Leopoldia comosa</i> (<i>Muscari comosum</i>)	Tassel Hyacinth	Mirador de las Ebalsas
<i>Muscari neglectum</i>	Grape Hyacinth	Mirador de las Ebalsas
<i>Ornithogalum baeticum</i>	a Star of Bethlehem	Garganta Verde
<i>Ornithogalum reverchonii</i> *	a Star of Bethlehem	Hidden Valley
<i>Ruscus aculeatus</i>	Butcher's Broom	Mirador del Guada Forestal
Cyperaceae	Sedge Family	
<i>Carex caryophyllea</i>	Spring Sedge	Sierra del Pinar
Dioscoreaceae	Black Bryony Family	
<i>Dioscorea (Tamus) communis</i>	Black Bryony	Mirador del Guada Forestal
Iridaceae	Iris Family	
<i>Iris foetidissima</i>	Stinking Iris	El Torcal
<i>Iris lutescens</i> subsp. <i>subbiflora</i> (<i>I. subbiflora</i>)	-	El Torcal
<i>Iris planifolia</i>	Broad-leaved Iris	E of Puerto del Viento (over)
<i>Moraea sisyrrinchium</i>	Barbary Nut	Hidden Valley (NIF)
<i>Romulea bulbocodium</i>	a Sand Crocus	Sierra del Pinar

Scientific name	Common name	Location
Juncaeae <i>Scirpoides holoschoenus</i>	Rush Family Round-headed Clubrush	E of Puerto del Viento
Liliaceae <i>Fritillaria lusitanica</i> <i>Gagea foliosa</i> <i>Gagea lacaitae</i>	Lily Family Portuguese Fritillary a Yellow Star of Bethlehem a Yellow Star of Bethlehem	Mirador de las Acebuches Mirador del Guada Forestal Mirador de las Embalsas
Orchidaceae <i>Himantoglossum robertianum</i> <i>Neotinea tridentata</i> subsp. <i>conica</i> (<i>Orchis conica</i>) <i>Ophrys fusca</i> subsp. <i>fusca</i> <i>Ophrys lutea</i> <i>Ophrys scolopax</i> <i>Ophrys speculum</i> <i>Ophrys tenthredinifera</i> <i>Orchis anthropophora</i> <i>Orchis italica</i> <i>Orchis olbiensis</i>	Orchid Family Giant Orchid a Toothed Orchid Sombre Bee Orchid Yellow Bee Orchid Woodcock Orchid Mirror Orchid Sawfly Orchid Man Orchid Naked Man Orchid an Early Purple Orchid	N of Grazalema Sierra de las Nieves Sierra del Pinar Las Mezas Sierra de las Nieves Las Mezas Mirador de las Embalsas Mirador de las Embalsas N of Grazalema Sierra del Pinar
Poaceae <i>Anisantha diandra</i> <i>Anisantha sterilis</i> <i>Arundo donax</i> <i>Bromus rubens</i> <i>Hordeum murinum</i> <i>Hyparrhenia hirta</i> <i>Lamarckia aurea</i> <i>Phragmites australis</i> <i>Poa annua</i>	Grass Family Great Brome Barren Brome Giant Reed Red Brome Wall Barley - Lamarck's Golden Grass Common Reed Annual Meadow Grass	Ronda Grazalema Near El Chorro Mirador del Guada Forestal Mirador del Guada Forestal Hidden Valley Ronda W of Ronda Finca la Guzmaná
Smilacaceae <i>Smilax aspera</i>	Smilax Family Common Smilax	Sierra del Pinar
Xanthorrhoeaceae <i>Asphodelus aestivus</i> <i>Asphodelus albus</i>	Asphodel Family Common Asphodel White Asphodel	Below Zahara de la Sierra Sierra del Pinar
Lichens: <i>Amandinea punctata</i> <i>Anaptychia ciliaris</i> <i>Aspicilia calcarea</i> <i>Aspicilia contorta</i> <i>Belonia nidarosiensis</i> <i>Caloplaca flavascens</i> <i>Caloplaca holocarpa</i> <i>Cladonia cervicornis</i> <i>Cladonia chlorophaea</i> <i>Cladonia pyxidata</i> <i>Cladonia rangiformis</i> <i>Collema sp.</i> <i>Evernia prunastri</i>	On tree bark On conifer bark On hard limestone On sandstone wall On limestone (Pink) On Limestone Rocks On hard limestone In humic crevices In humic crevices In humic crevices In humic crevices On limestone On twigs everywhere	Grazalema National Park Sierra de la Nieves Mirador del Guada Forestal Sierra del Pinar E of Grazalema El Torcal E of Grazalema E of Grazalema E of Grazalema E of Grazalema E of Grazalema Grazalema National Park Common

Scientific name	Common name	Location
<i>Farnoldia jurana</i>	On limestone	Cueva de la Pileta
<i>Flavoparmelia caperata</i>	On deciduous tree bark	
<i>Fulgensia fulgida</i>	On limestone	Sierra del Pinar
<i>Hypergymnia tabulosa</i>	On conifer bark	Sierra de la Nieves
<i>Lepraria incana</i>	On soil & tree roots	Mirador del Guada Forestel
<i>Melanelia exasperata</i>	On Hawthorn	Sierra de la Nieves
<i>Ochrolechia parella</i>	On sandstone rocks	E of Grazalema
<i>Ophioparma ventosa</i>	On sandstone slab	Finca La Guzmaná
<i>Parmelia quercinea</i>	On Oak bark	Sierra de la Nieves
<i>Physcia caesia</i>	On Rocks	Mirador del Guada Forestel
<i>Physcia leptalea</i>	On Hawthorne twigs	Sierra de la Nieves
<i>Physcia tenella</i>	On Hawthorne twigs	Sierra de la Nieves
<i>Platismatia glauca</i>	On conifer bark	Sierra de la Nieves
<i>Pseudevernia furfuracea</i>	On conifer bark	Sierra de la Nieves
<i>Ramalina farinacea</i>	On tree trunks	Sierra de la Nieves
<i>Ramalina fraxinea</i>	On tree trunks	Sierra de la Nieves
<i>Rhizocarpon geographicum</i>	On sandstone block	Sierra de la Nieves
<i>Squamaria cartilaginea</i>	Limestone crevices	Grazalema National Park
<i>Usnea c.f. cornuta</i>	On conifer bark	Sierra de la Nieves
<i>Verrucaria hochstetteri</i>	On limestone rocks	E of Grazalema
<i>Verrucaria nigrescens</i>	On limestone rocks	E of Grazalema
<i>Xanthoparmelia conspersa</i>	On acid rocks	E of Grazalema
<i>Xanthoria calcicola</i>	On limestone rocks	Grazalema National Park
<i>Xanthoria parietina</i>	On tree trunks	Sierra de la Nieves
<i>Xanthoria polycarpa</i>	On Hawthorne twigs	Sierra de la Nieves

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

	Common name	Scientific name	March							
			16	17	18	19	20	21	22	23
1	Common Shelduck	<i>Tadorna tadorna</i>					✓			
2	Mallard	<i>Anas platyrhynchos</i>	✓							
3	Northern Shoveler	<i>Anas clypeata</i>					✓			
4	Eurasian Teal	<i>Anas crecca</i>					✓			
5	Red-legged Partridge	<i>Alectoris rufa</i>					✓			
6	Greater Flamingo	<i>Phoenicopterus roseus</i>					✓			
7	White Stork	<i>Ciconia ciconia</i>				✓				
8	Grey Heron	<i>Ardea cinerea</i>					✓			
9	Great Egret	<i>Ardea alba</i>								✓
10	Little Egret	<i>Egretta garzetta</i>	✓		✓					
11	Great Cormorant	<i>Phalacrocorax carbo</i>			✓					
12	Griffon Vulture	<i>Gyps fulvus</i>	✓	✓	✓	✓	✓	✓	✓	
13	Short-toed Snake Eagle	<i>Circaetus gallicus</i>	✓	✓		✓		✓		
14	Northern Goshawk	<i>Accipiter gentiles</i>			✓					
15	Western Marsh Harrier	<i>Circus aeruginosus</i>					✓			
16	Montagu's Harrier	<i>Circus pygargus</i>					✓			
17	Red Kite	<i>Milvus milvus</i>		✓						
18	Black Kite	<i>Milvus migrans</i>	✓	✓				✓		
19	Common Buzzard	<i>Buteo buteo</i>	✓				✓		✓	
20	Common Moorhen	<i>Gallinula chloropus</i>					✓			
21	Eurasian Coot	<i>Fulica atra</i>					✓			

	Common name	Scientific name	March							
			16	17	18	19	20	21	22	23
22	Black-winged Stilt	<i>Himantopus himantopus</i>					✓			
23	Pied Avocet	<i>Recurvirostra avosetta</i>					✓			
24	Little Ringed Plover	<i>Charadrius dubius</i>					✓			
25	Common Redshank	<i>Tringa totanus</i>					✓			
26	Wood Sandpiper	<i>Tringa glareola</i>					✓			
27	Common Sandpiper	<i>Actitis hypoleucos</i>					✓			
28	Ruff	<i>Philomachus pugnax</i>					✓			
29	Black-headed Gull	<i>Chroicocephalus ridibundus</i>					✓			
30	Yellow-legged Gull	<i>Larus michahellis</i>					✓			
31	Rock Dove	<i>Columba livia</i>								
32	Rock Dove [Feral]	<i>Columba livia feral</i>	✓	✓	✓	✓	✓	✓	✓	✓
33	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	✓	✓	✓	✓	✓	✓	✓	✓
34	Little Owl	<i>Athene noctua</i>			✓		✓			
35	Common Swift	<i>Apus apus</i>	✓				✓			
36	Eurasian Hoopoe	<i>Upupa epops</i>				✓	✓			
37	Great Spotted Woodpecker	<i>Dendrocopos major</i>		✓						
38	European Green Woodpecker	<i>Picus viridis</i>		✓		H				
39	Lesser Kestrel	<i>Falco naumanni</i>								✓
40	Common Kestrel	<i>Falco tinnunculus</i>								✓
41	Peregrine Falcon	<i>Falco peregrinus</i>			✓		✓			
42	Southern Grey Shrike	<i>Lanius meridionalis</i>		✓						✓
43	Woodchat Shrike	<i>Lanius senator</i>				✓				
44	Eurasian Jay	<i>Garrulus glandarius</i>	✓	✓		✓				✓
45	Red-billed Chough	<i>Pyrrhocorax pyrrhocorax</i>		✓	✓	✓	✓	✓	✓	
46	Western Jackdaw	<i>Corvus monedula</i>					✓			
47	Carrion Crow	<i>Corvus corone</i>					✓			
48	Northern Raven	<i>Corvus corax</i>		H		✓		✓	✓	
49	Coal Tit	<i>Parus ater</i>		H						
50	Great Tit	<i>Parus major</i>	✓	✓	✓	✓	✓	✓	✓	
51	Eurasian Blue Tit	<i>Cyanistes caeruleus</i>		✓	✓	✓	✓	✓	✓	
52	Crested Lark	<i>Galerida cristata</i>	✓	✓	✓		✓	✓	✓	✓
53	Sand Martin	<i>Riparia riparia</i>					✓			
54	Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓		✓	✓	✓	✓
55	Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>		✓	✓	✓			✓	
56	Common House Martin	<i>Delichon urbicum</i>	✓	✓	✓		✓			
57	Red-rumped Swallow	<i>Cecropsis daurica</i>		LO						
58	Cetti's Warbler	<i>Cettia cetti</i>			H		H			
59	Long-tailed Tit	<i>Aegypius caudatus</i>			✓					
60	Eurasian Blackcap	<i>Sylvia atricapilla</i>	✓	H	✓	H	✓	✓	✓	
61	Sardinian Warbler	<i>Sylvia melanocephala</i>		✓				✓	✓	✓
62	Common Firecrest	<i>Regulus ignicapilla</i>		✓						
63	Eurasian Wren	<i>Troglodytes troglodytes</i>			✓	H		H	H	
64	Spotless Starling	<i>Sturnus unicolor</i>	✓	✓	✓	✓	✓	✓	✓	✓
65	Ring Ouzel	<i>Turdus torquatus</i>		✓						
66	Common Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓	✓	✓	✓	✓
67	Song Thrush	<i>Turdus philomelos</i>			✓		✓			
68	Mistle Thrush	<i>Turdus viscivorus</i>				✓			✓	
69	European Robin	<i>Erithacus rubecula</i>	✓	✓	✓	✓	✓	✓	H	
70	Black Redstart	<i>Phoenicurus ochruros</i>	✓	✓	✓		✓	✓	✓	
71	Whinchat	<i>Saxicola rubetra</i>		✓						

	Common name	Scientific name	March								
			16	17	18	19	20	21	22	23	
72	European Stonechat	<i>Saxicola rubicola</i>		✓				✓	✓	✓	
73	Black Wheatear	<i>Oenanthe leucura</i>		✓				✓		✓	
74	Blue Rock Thrush	<i>Monticola solitarius</i>				✓	✓	✓	✓		
75	House Sparrow	<i>Passer domesticus</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
76	Alpine Accentor	<i>Prunella collaris</i>		✓	✓						
77	Grey Wagtail	<i>Motacilla cinerea</i>			✓			✓			
78	White Wagtail	<i>Motacilla alba</i>						✓	✓		
79	Common Chaffinch	<i>Fringilla coelebs</i>	✓	✓	✓	✓	✓	✓	✓	✓	
80	European Serin	<i>Serinus serinus</i>	✓	✓	✓	✓	✓	✓	✓	✓	
81	European Greenfinch	<i>Chloris chloris</i>	H	✓	H			✓	H	H	✓
82	European Goldfinch	<i>Carduelis carduelis</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
83	Corn Bunting	<i>Emberiza calandra</i>		✓	✓			✓	H	✓	
84	Rock Bunting	<i>Emberiza cia</i>		✓				✓		✓	
85	Cirl Bunting	<i>Emberiza cirlus</i>								✓	

Mammals

1	Common Shrew	<i>Sorex araneus</i>	✓								
2	Greater Mouse-eared Bat	<i>Myotis myotis</i>	✓	✓	✓				✓		
3	Spanish Ibex	<i>Capra pyrenaica</i>							✓	✓	
4	Brown Hare	<i>Lepus europaeus</i>						LO			
5	Rabbit	<i>Oryctolagus cuniculus</i>						✓		✓	

Amphibians & Reptiles (D=dead)

1	Fire Salamander	<i>Salamandra salamandra</i>							D		
2	Iberian Wall Lizard	<i>Podarcis hispanica</i>		✓	✓						
3	Iberian Worm Lizard (Snake)	<i>Blanus cinereus</i>								D	

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	Clouded Yellow	<i>Colias crocea</i>			✓						
6	Black-eyed Blue	<i>Glaucopsyche melanops algerica</i>		✓							
7	Large Tortoiseshell	<i>Nymphalis polychloros</i>		✓	✓						
8	Painted Lady	<i>Vanessa cardui</i>			✓						
9	Wall Brown	<i>Lasiommata megera</i>		✓	✓						

Micros Moths

1	Garden Pebble	<i>Evergestis forficalis</i>			✓						
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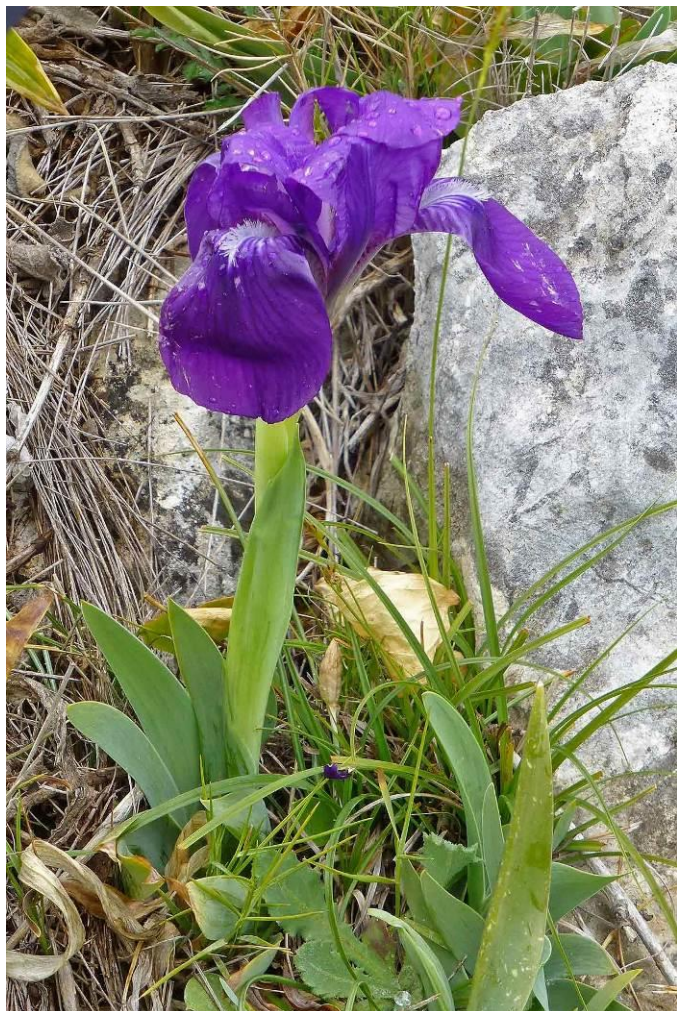
Macros Moths (B=Bivouac)

1	Pine Processionary Moth	<i>Thaumetopoea pityocampa</i>		B	B	B	B	B	B		
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Other invertebrates

1	Fire Bug	<i>Pyrrhocoris apterus</i>		✓							
2	Bee Fly	<i>Bombylius major</i>			✓						
3	European Paper Wasp	<i>Polistes gallicus</i>						N			

	Common name	Scientific name	March							
			16	17	18	19	20	21	22	23
4	Honey Bee	<i>Apis mellifera</i>		✓	✓		✓		✓	
5	7 Spot Ladybird	<i>Coccinella 7-punctata</i>		✓						
6	Oil Beetle	<i>Meloe proscarabaeus</i>		✓						
7	Giant Centipede	<i>Scolopendra cingulatus</i>							✓	
8	Scorpion	<i>Buthus occitanicus</i>							✓	



Iris subbiflorus



Sawfly Orchid - *Ophrys tenthredinifera*