

Spain - Spring Flowers of Western Andalucía

Naturetrek Tour Report

13 - 20 March 2019



Iris lutescens subsp. *subbiflora*



Plocama calabrica



Large *Psammodromus*



Ophrys omegaifera

Report & photos by Paul Harmes & Sophie Leguil



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Tour Leaders: Paul Harmes and Sophie Leguil with 11 Naturetrek clients.

Day 1

Wednesday 13th March

Fly London Gatwick to Malaga – Transfer to Ronda area

Six tour group members met with Paul at Gatwick Airport's North Terminal, for the Easyjet flight, EZY8605, to Malaga. Upon our arrival, we completed baggage claim and immigration, then made our way to arrivals, where we met with Sophie and the remaining group members, who had arrived from other UK airports. We then made our way into the multi-storey car park, to collect the minibuses.

We left Malaga airport in a north-westerly direction, past the cargo area, via the perimeter road towards El Peron, where we took the A7052 for several miles before joining the A357, Campilos 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. Along the way, Spotless Starlings, Goldfinch, Barn Swallows, Crested Larks, Cattle Egret and Little Egret were seen. After a light snack at the El Meson de Diego venta, we continued on the A367 south, through Cuevas del Becerro, to the outskirts of Ronda, where we joined the A376, Seville road, west for about eight kilometres to our final destination, the Hotel Cortijo Las Piletas, our accommodation for the week. On arrival, we were met by Elisenda, our host, who quickly settled us into our rooms.

At 7.30pm, we met in the lounge, where Paul gave a brief outline of the plans for the next day, before we went into the dining room for dinner.

Day 2

Thursday 14th March

Grazalema – Sierra del Pinar – Gargante Verde

After a good breakfast, we drove down towards Montejaque, stopping at the Cerro de la Tavizna, to examine some old arable fields and cistus scrub. Here we found a wonder display of *Narcissus flavus*, with several hundred spikes. In addition, there was *Fedia cornucopiae* (Fedia), *Calendula arvensis* (Field Marigold), *Bellis sylvestris* (Southern Daisy) and *Lamium amplexicaule* (Henbit Dead-nettle). In some cistus scrub we found *Himantoglossum robertianum* (Giant Orchid), *Pistacia lentiscus* (Mastic Bush) and last year's dead spikes of *Echium boissieri* (Boissier's Viper's-bugloss), and on an adjacent verge, we added *Ophrys fusca* subsp. *fusca* (Sombre Bee Orchid), *Erodium cicutarium* (Common Stork's-bill) and *Viscum cruciatum* (Red-berried Mistletoe), growing in a *Crataegus monogyna* (Hawthorn). A good number of low-flying Griffon Vultures and some Northern Ravens were also recorded.

Retracing our route back past the hotel to the Seville road, we turned west to a junction, where we turned left again, and made our way towards the village of Grazalema. Along the way we recorded Corn Bunting and Goldfinch. We continued through the town and onwards a short distance, to the car park at the start of our proposed walk in the Sierra del Pinar. As we arrived, a small group of Spanish Ibex were seen on a bank. There were several females and a couple of young males. After parking, some group members went to photograph the Ibex, before setting off on a walk. The cloud was very low, and it had started to rain and sleet quite heavily.

We now began to ascend the path, finding the young leaves of *Ptilostemon hispanicus* (Spanish Thistle) and *Bupleurum spinosum* (Spiny Hare's-ear). The path rose through mixed *Pinus pinaster* (Maritime Pine) and *Pinus halepensis* (Aleppo Pine) forest, mixed with *Quercus coccifera* (Kermes Oak). At this point, Paul decided that the view at the saddle would be obscured by the low cloud, so decided to abort the walk and re-join our vehicle.

Leaving the car park, we drove on up and over the 'Puerto de las Palomas' (Pass of the Doves), where we began the descent towards Zahara. Along the way, we made a stop on the north side of the Mirador de las Acebuches. Here we admired *Orchis olbiensis* (an Early Purple Orchid), *Astragalus lusitanicus* (a Milk-vetch), *Romulea bulbocodium* (a Sand Crocus), and *Viburnum tinus* (Laurustinus).

We now moved on to the car park at the 'Garganta Verde'. Here, we saw *Narcissus assoanus* (Rush-leaved Jonquil) and more *Orchis olbiensis* and *Ophrys tenthredinifera* (Sawfly Orchid) on the road verge, whilst Paul prepared lunch. After eating, we set off along the track. Here we found *Ophrys fusca* subsp. *fusca* (Sombre Bee Orchid), *Ulex parviflorus* (Small-flowered Gorse), *Ceratonia siliqua* (Carob) and *Myrtis communis* (Myrtle). Our objective was a viewpoint overlooking the gorge where, on the cliffs, there is a large population of Griffon Vultures, some of which were sat on rock ledges. *Vinca difformis* (Intermediate Periwinkle), *Olea europaea* (Wild Olive) and the leaves of *Arisarum vulgare* (Friar's Cowl) and *Juniperus phoenicea* (Phoenician Juniper) were also added.

Continuing down towards the hilltop village of Zahara, we made two more stops. The first was a road bank, just south of the village, where we saw more *Vinca difformis* (Intermediate Periwinkle) along with *Himantoglossum robertianum* (Giant Orchid) and an array of colour forms of *Orchis olbiensis*, from dark pink to pure white. The second was a verge, below the walls of the village of Zahara. Here, we added *Ecballium elaterium* (Squirting Cucumber), *Mandragora autumnalis* (Mandrake), in fruit and *Ophrys bombyliflora* (Bumblebee Orchid).

Dodging more rain, we made our final stop on a scrubby bank near Las Mezas. *Aristolochia paucinervis* (a Birthwort), *Ophrys omegaifera* (Omega Bee Orchid), *Salvia verbenaca* (Wild Clary) and *Retama monosperma* (Bridal Veil) were all added. Serins were also very active here.

From here, we set off to our hotel for warming refreshments and to freshen up for dinner. Tonight, we ate in the Bar-Restaurant El Tropezon in the village of Monte Corto, as our hotel closes its kitchen two nights a week.

Day 3

Friday 15th March

El Burgo – Ardales – El Chorro

Today began wet but, by the time we had completed breakfast, the rain had stopped, and the cloud slowly began to lift. As we travelled, via Ronda, towards the village of El Burgo. We first passed over the Puerto del Vienta (Pass of the Wind), stopping a couple of kilometres to the east to see *Iris planifolia* (Flat-leaved Iris). A good number of plants were found, together with *Hornungia petraea* (Hutchinsia), *Viola demetria*, emerging *Paeonia broteroi* (a Peony) and several clumps of the endemic *Biscutella frutescens* (Perennial Buckler Mustard). At the base of some rocks, there was *Umbilicus rupestris* (Navelwort) and some *Crataegus monogyna* (Hawthorn) bushes which had been infested with *Viscum cruciatum* (Red-berried Mistletoe). Red-billed Choughs were seen patrolling a distant cliff face, and Iberian Grey Shrike was also recorded.

Our second stop of the morning was at the Mirador del Guarda Forestal. Here we saw *Hyacinthoides hispanicus* (Spanish Bluebell), *Clematis cirrhosa* (Virgin's Bower), *Calendula suffruticosa* (a Marigold), *Microblaspi perfoliata* (Perfoliate Pennycress) and *Asparagus albus* (White Asparagus).

Continuing onwards, we made our way through El Burgo before turning right and on towards Ardales. Along the way, at a short comfort break, we found *Ophrys scolopax* (Woodcock orchid), *Moricandia moricandioides*, *Muscari neglectum* (Grape Hyacinth), *Ophrys tenthredinifera* (Sawfly Orchid) and *Pistacia lentiscus* (Mastic Bush). As we continued small flocks of Goldfinch and Serin were seen, as well as a mixed flock of House Martins and Sand Martins.

In Ardales, we added *Nicotiana glauca* (Shrub Tobacco) and *Hyoscyamus albus* (White Henbane). We took the road along the eastern shore of the Embalse del Conde de Guadalhorce reservoir, to our main objective, the 'Mirador de las Embalsas', where three reservoirs meet. Here we parked. An exploration of the *Pinus halepensis* (Aleppo Pine) woodland revealed *Fritillaria lusitanica* (Portuguese Fritillary), *Narcissus cantabricus* (White Hooped-petticoat Daffodil), *Ophrys speculum* (Mirror Orchid), *Romulea ramiflora* (a Sand Crocus), *Anacamptis collina* (Fan-lipped Orchid), *Cistus albidus* (Grey-leaved Cistus), *Dipcadi serotina* (Brown Bluebell) and *Muscari neglectum* (Grape Hyacinth). Birds included Great Tit, Blackbird, Serin and Chaffinch.

After our picnic lunch, in the warm sunshine, we walked a short way down towards the road, exploring the sandstone verges, finding *Rupicapnos africana*, *Ranunculus spicatus* subsp. *blepharicarpos* (Rock Buttercup), *Chaenorhinum villosum*, *Ophrys tenthredinifera* (Sawfly Orchid), *Aristolochia baetica* (a Birthwort) and *Orchis anthropophora* (Man Orchid).

From here we made our way through the gorge to a point just west of El Chorro. Here we explored the verges overlooked by El Caminito del Rey (The King's Little Pathway), finding *Adiantum capillus-veneris* (Maidenhair Fern), *Crambe filiformis* (Thin Sea Kale), *Samolus valerandi* (Brookweed) and the leaves of *Convolvulus altheoides* (Mallow-leaved Bindweed). At this point we made our way to a small café for refreshments. Whilst enjoying our drinks we noted occasional soaring Griffon Vultures and heard Garden Warbler and Blackcap.

It was now time to make our way back to Ronda, in time to freshen up for dinner.

Day 4

Saturday 16th March

Ubrique and Grazalema

Following another fine breakfast, we set off, once again towards the Parque Natural Sierra de Grazalema, making our way towards Grazalema. Along the way we saw Jay, Corn Buntings and Crested Larks. We made our first stop of the day on the road to the east of Grazalema, finding emerging *Teucrium fruticans* (Shrub Germander), *Quercus suber* (Cork Oak), *Cistus laurifolius* (Laurel-leaved Cistus) and *Quercus faginea* (Beech-leaved Oak).

On the outskirts of Grazalema, we turned onto the A374, in the direction of the small town of Ubrique, making our next stop at the Ejido del Puerto de Pedro Ruiz, to examine a wide, wet road verge. Here we were greeted by a wonderful stand of *Narcissus bulbocodium* (Hooped-petticoat Daffodil). In addition, there was *Centaurea pullata* (a

Knapweed), *Romulea bulbocodium* and the rosettes of *Cynara cardunculus* (Cardoon) thistles. House Sparrow and Meadow Pipit were seen as well.

We now moved on a little further to the village of Villaluenga del Rosario, where we parked on the south-west side, to explore the roadside cliffs. *Calendula suffruticosa* (a Marigold), the leaves of *Acanthus mollis* (Bear's-breech), *Ruta chalepensis* (Rue), the endemic *Ornithogalum reverchonii* (a Star-of-Bethlehem), *Narcissus papyraceus* (Paper-white Daffodil) and *Iris planifolia* (Broad-leaved Iris) were all found. There was also a small number of Griffon Vultures circling.

Next, a little further down the road, we stopped at the Mirador El Cintillo y Aguas Nuevas, to look at more limestone cliffs. Here we added *Sedum brevifolium* (Small-leaved Stonecrop), *Himantoglossum robertianum* (Giant Orchid), *Orchis olbiensis* (an Early Purple Orchid), and a fine display of *Narcissus cnatrecasasii* (Rock Jonquil). Sardinian Warbler, Black Redstart and more Griffon Vultures also put in appearances.

At this point, we began to make our way back towards Grazalema, and the picnic site Areade Descanso de la Covazuela. However, as we were driving, one sharp-eyed group member spotted another wet field with *Narcissus* in it. These, once again, proved to be a second colony of *Narcissus bulbocodium* (Hooped-petticoat Daffodil).

After lunch, during which we had a hail shower, we made our way to the outskirts of Grazalema, where we parked on the south side of the village. The plan was to explore the broad road verge. A few Red-billed Chough were seen together with Serin, Rock Bunting and Stonechat. Along the verge, we found a good display of *Narcissus papyraceus* (Paper-white Daffodil), *Ophrys tenthredinifera* (Sawfly Orchid) and *Fedia cornucopiae* (Fedia), before heading into the village for refreshments.

Our final stop was near Montecorto, where we looked at another fine display of *Narcissus papyraceus* (Paper-white Daffodil), our third of the day. Here, we also saw *Ophrys fusca* subsp. *fusca* (Sombre Bee Orchid), *Anagyris foetida* (Bean Trefoil) and *Ophrys bombyliflora* (Bumblebee Orchid), before heading back to the hotel

Day 5

Sunday 17th March

Sierra de las Nieves and Ronda

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

Our second stop 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 of *Crataegus monogyna* (Hawthorn) festooned with *Viscum cruciatum* (Red-berried Mistletoe), and *Daphne laureola* (Spurge Laurel).

Parking the vehicle at Los Quejigales, in heavy rain, we waited for the cloud to clear long enough for us to see the stand of splendid *Abies pinsapo* (Spanish Fir) scattered across the hillside. Once again, due to the inclement weather, Paul decide to abort the proposed walk, on safety grounds.

We now began to make our way out of the park, but not before taking advantage of brief respites in the rain to photograph the *Narcissus assoanus* (Rush-leaved Jonquil) and *Helleborus foetidus* (Stinking Hellebore).

We drove back to Ronda, parking in the car park on the north side of the town. We then walked down though the pedestrian precinct to the cliff-edge walk. However, the police had closed it due to the adverse weather conditions. After taking lunch in a small restaurant, Paul left us to explore Ronda at our leisure, before collecting us from a pre-arranged spot to return to the Hotel for dinner.

Day 6

Monday 18th March

El Torcal – Laguna Dulce – Tajo del Molino

After a wet night we were greeted by continuous heavy rain, and it was still falling when we set off from the hotel, driving back towards Ronda, where we took the road towards Campillos. Crested Larks, Barn Swallows and Raven were seen as we went. We passed through the small village of Teba and turned east joining the main Malaga to Antequera road, and continued eastwards, via Campillos. By now the rain was easing, and there were breaks in the cloud. 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. Low cloud shrouded the area and created a rather atmospheric feeling.

Morning coffee was taken at visitor centre, before we set off for a walk, to explore the ‘Karst’ limestone structures. Rock Bunting, Robin, Black Redstart and Ring Ouzel were seen along the path. Walking one of the circular tracks, we found *Euphorbia characias* subsp. *characias* (Mediterranean Spurge) and a clump of the endemic *Linaria anticaria* (a Toadflax), sadly not yet flowering. We also saw the leaves of *Saxifraga biternata* (El Torcal Saxifrage), another local endemic, plus *Himantoglossum robertianum* (Giant Orchid) and *Ruscus aculeatus* (Butcher’s Broom). The highlight of the morning was an encounter with a group of Spanish Ibex, grazing and browsing close by.

Beginning our journey back towards Ronda, we made a stop at Laguna Dulce, near Campillos. The rain had all but stopped, and the lake, for the first time in three years, had water in it and a good number of bird species. Following lunch, we scanned the lake, recording Greater Flamingo, Shoveler, Coot, Black-necked Grebe, and Marsh Harrier. Around the margins there was Cetti’s Warbler, Hoopoe and White Wagtail. On the track verge we found *Nonea vesicaria* (Nonea), *Calendula suffruticosa*, *Platycapnos spicata* and *Erodium malacoides* (Mallow-leaved Stork’s-bill).

Our last stop of the day was the cutting, hillside and river gorge at Tajo del Molino. The roadside had a number of clumps of the white *Antirrhinum graniticum* (a Snapdragon) and *Asphodelus fistulosus* (Small Asphodel), whilst the hillsides produced *Ophrys tenthredinifera* (Sawfly Orchid) and *Pardoglossum cheirifolium* (a Hound’s-tongue). The gorge had Red-billed Chough, Crag Martin, Blackcap and Griffon Vulture.

Tonight, for dinner we visited the Hostel Venta La Vega, just down the road from the Hotel

Day 7

Tuesday 19th March

Cerro de Tavizna – Montejaque - Cueva de la Pileta

After breakfast, we left the hotel on a cloudy, but bright, morning and drove down towards Montejaque, parking below the Cerro de la Tavisna, to explore a rocky verge. This produced *Orchis olbiensis* (an Early Purple Orchid), *Vinca difformis* (Intermediate Periwinkle), *Saxifraga granulata* (Meadow Saxifrage), *Linaria tristis* (a Toadflax), the rosettes of *Saxifraga globulifera* and *Ranunculus macrophyllus* (Large-leaved Buttercup). Blackcap was heard and Griffon Vulture and Red-billed Chough were seen.

Moving on to the small town of Montejaque, we took a back road and made our way up to Los Llanos de Libar, in the Sierra de Montalata, known as the hidden valley. A stop by a high cliff produced *Saxifraga bourgaeana*, *Ornithogalum reverchonii* (a Star-of-Bethlehem), *Narcissus cuatrecasasii* (Rock Jonquil) and *Fedia cornucopiae* (Fedia). Blackbird, Great Tit, Barn Swallow, Blackcap and Griffon Vultures were also seen. As it was a bright morning, we set off to walk up the valley, admiring the Karst Limestone Mountains as they went. Continuing to scan the sky, it was not long before Red-billed Chough, Stonechat, Chaffinch, Rock Bunting and Blue Rock Thrush were added. As we walked, we recorded *Orchis olbiensis* (an Early Purple Orchid), *Erodium primulaceum* (a Stork's-bill), *Clematis cirrhosa* (Maiden's Bower) and *Viscum cruciata* (Red-berried Mistletoe). At the top of the track, Paul parked the bus, where there was another outcrop of rocks, finding *Narcissus cuatrecasasii* (Rock Jonquil), at eye level. The cloud had now begun to gather and lower, a steady drizzle began to fall. Re-joining the vehicle, we made our descent. Along the way we saw several Black Wheatears and Rock Buntings, as well as a solitary Cirl Bunting.

As it was lunch time, we then made our way into Montejaque for something to eat. After eating, we paused at an arable margin, just outside the town, where we saw *Lathyrus tingitana* (Tangier Pea), *Lathyrus annuus* (Annual Pea) and *Lathyrus clymenum*, before making our way down to Barriada de la Estacion, by Jimera de libar. Here, we explored some roadside woodland. *Cistus albidus* (Grey-leaved Cistus), *Anemone palmata* (a Yellow Anemone) and *Teucrium fruticans* (Shrub Germander) were all present, and Robin and Crested Tit were heard.

The recent inclement weather causes hold-ups in the northerly migration of many large birds. At Barriada, we witnessed a small group of birds that had chosen to make the jump from north Africa. Among them, were several Black Kites, A pair of Booted Eagles, a male Montagu's Harrier and a rare Black-winged Kite.

It was now time to make our way back towards Benaosan, and the car park at the 'Cueva de la Pileta' caves, in order to visit this site of ancient wall paintings, thought to be in the region of 30,000 years old. We did record *Calycotome villosa* (Prickly Broom), but the now continuous rain restricted further exploration.

With the visit complete, we now made our way back to the hotel in time to pack before dinner.

Day 8

Wednesday 20th March

Transfer from Ronda to Malaga – Fly to UK & other Destinations

After an early breakfast, we said our farewells to Elisenda and Pedro and thanked them and their staff for a wonderful stay in this beautiful area. We set off, in clear skies, and headed for Malaga Airport, making it in good time for our flight back to the UK.

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Chaenorhinum villosum



Saxifraga granulata

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		
FERNS & ALLIES		
Lycophytes		
Clubmosses & Quillworts		
Lesser Clubmoss Family		
Selaginellaceae <i>Selaginella denticulata</i>	Mediterranean Clubmoss	Between El Burgo & Ardales
Calamophytes		
Horsetails		
Horsetail Family		
Equisetaceae <i>Equisetum ramosissimum</i> <i>Equisetum telmateia</i>	Branched Horsetail Giant Horsetail	Verge near hotel Verge near hotel
Leptosporangiate Ferns		
True Ferns		
Spleenwort Family		
Aspleniaceae <i>Asplenium ceterach</i> <i>Asplenium trichomanes</i> subsp. <i>quadrivalens</i>	Rustyback Maidenhair Spleenwort	Sierra del Pinar El Torcal
Polypody Family		
Polypodiaceae <i>Polypodium interjectum</i>	Intermediate Polypody	Hidden Valley
Ribbon Fern Family		
Pteridaceae <i>Adiantum capillus-veneris</i> <i>Anogramma leptophylla</i> <i>Cheilanthes pteridioides</i>	Maidenhair Fern Jersey Fern Scented Cheilanthes	El Chorro Cueva de las Piletas Near El Chorro
GYMNOSPERMS		
CONIFERS		
Juniper Family		
Cupressaceae <i>Juniperus oxycedrus</i> <i>Juniperus phoenicea</i> subsp. <i>phoenicea</i>	Prickly Juniper Phoenician Juniper	Gargante Verde Near El Burgo
Pine Family		
Pinaceae <i>Abies pinsapo</i> [<i>Cedrus deodara</i>] <i>Pinus halepensis</i> <i>Pinus pinaster</i> <i>Pinus pinea</i>	Spanish Fir Deodar Cedar Aleppo Pine Maritime Pine Stone or Umbrella Pine	Sierra del Pinar Sierra de las Nieves Near El Chorro Sierra del Pinar N of Malaga

Scientific name	Common name	Location
ANGIOSPERMS		
Pre-dicots		
Aristolochiaceae		
<i>Aristolochia baetica</i>	Birthwort Family	Mirador Guarda Forestal
<i>Aristolochia paucinervis</i>	a Birthwort	Near Las Mezas
	a Birthwort	
Eu-dicots		
Acanthaceae		
<i>Acanthus mollis</i>	Bear's-breech Family	
	Bear's-breech	Villaluenga del Rosario (Ivs)
Adoxaceae		
<i>Viburnum tinus</i>	Moschatel Family	
	Laurustinus	El Torcal
Anacardiaceae		
<i>Pistacia lentiscus</i>	Sumach Family	
	Mastic Bush	Below Grazalema
Apiaceae		
<i>Berula erecta</i>	Carrot Family	
<i>Bupleurum fruticosum</i>	Lesser Water-parsnip	Stream near hotel
<i>Bupleurum spinosum</i>	Shrubby Hare's-ear	Near El Chorro
<i>Eryngium campestre</i>	Spiny Hare's-ear	Sierra del Pinar
<i>Ferula communis</i>	Field Eryngo	Between Obrique & Grazalema
<i>Foeniculum vulgare</i>	Giant Fennel	Mirador Guarda Forestal
<i>Scandix pecten-veneris</i>	Fennel	Sierra del Pinar
<i>Smyrniolum olusatrum</i>	Shepherd's Needle	Between El Burgo & Ardales
<i>Thapsia garganica</i>	Alexanders	Ronda
	Thapsia	Between Ubrique & Grazalema
Apocynaceae		
<i>Nerium oleander</i>	Periwinkle Family	
<i>Vinca difformis</i>	Oleander	Naturalised on roadsides
	Intermediate Periwinkle	Near Zahara
Araliaceae		
<i>Hedera helix</i> agg.	Ivy Family	
	Ivy	El Torcal
Berberidaceae		
<i>Berberis hispanica</i>	Barberry Family	
	Spanish Barberry	Sierra del Pinar
Boraginaceae		
<i>Anchusa azurea</i>	Forget-me-not Family	
<i>Borago officinalis</i>	Large Blue Alkanet	Near Zahara
<i>Cerinthe major</i> var. <i>purpurescens</i>	Borage	El Chorro
<i>Cynoglossum clandestinum</i>	Greater Honeywort	Montejaque
<i>Echium albicans</i>	a Hound's-tongue	Gargante Verde
<i>Echium boissieri</i>	-	Near El Chorro (in bud)
<i>Echium plantagineum</i>	Boissier's Viper's-bugloss	S of Grazalema
<i>Echium vulgare</i>	Purple Viper's-bugloss	Near Malaga Airport
<i>Glandora prostrata</i> subsp. <i>lusitanica</i> (<i>Lithodora</i> p.l)	Viper's-bugloss	Mirador Guarda Forestal
<i>Lithodora fruticosa</i>	a Gromwell	Near El Chorro
<i>Nonea vesicaria</i>	Shrubby Gromwell	Sierra del Pinar
	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	Mirador Guarda Forestal
<i>Biscutella baetica*</i>	Andaluz Buckler Mustard	Tajo de Molino
<i>Biscutella didyma</i>	Small Buckler Mustard	Gargante Verde
<i>Biscutella frutescens*</i>	Perennial Buckler Mustard	Puerto del Vienta
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	Hotel grounds
<i>Cardamine hirsuta</i>	Hairy Bitter-cress	Hotel grounds
<i>Clypeola jonthlaspi</i>	Clypeola	Puerto del Vienta
<i>Cochlearia (Ionopsidium) prolongoi*</i>	-	Sierra de las Nieves
<i>Crambe filiformis</i>	Thin Sea-kale	Grazalema
<i>Erophila verna</i> subsp. <i>praecox</i>	Whitlow-grass	Hidden Valley
<i>Eruca vesicaria</i>	Rocket	Gargante Verde
<i>Erysimum cheiri</i>	Wallflower	Ronda
<i>Hornungia petraea</i>	Hutchinsia	Puerta de Vienta
<i>Iberis</i> sp.	Candytuft	Near El Chorro
<i>Lobularia maritima</i>	Sweet Alison	Near El Chorro
<i>Microthlaspi (Thlaspi) perfoliatum</i>	Perfoliate Penny-cress	Mirador Guarda Forestal
<i>Moricandia moricandioides</i>	Purple Cabbage	Between El Burgo & Ardales
<i>Sinapis alba</i>	White Mustard	Ronda
Cactaceae	Cactus Family	
[<i>Opuntia ficus-indica</i>]	Barbary Fig or Prickly Pear	Ronda
Campanulaceae	Bellflower Family	
<i>Campanula mollis</i>	a Bellflower	Near El Chorro
Caprifoliaceae	Honeysuckle Family	
<i>Centranthus calcitrapa</i>	Annual Valerian	Mirador Guarda Forestal
<i>Fedia cornucopiae</i>	Fedia	Near Las Mazas
<i>Lonicera implexa</i>	-	E of Grazalema
Caryophyllaceae	Pink Family	
<i>Arenaria tetraquetra</i>	Spanish Sandwort	Sierra de las Nieves
<i>Cerastium glomeratum</i>	Sticky Mouse-ear	Hotel grounds
<i>Cerastium tomentosum</i>	Snow-in-Summer	Puerta de Vienta
<i>Dianthus boissieri</i>	a Pink	Hidden Valley
<i>Paronychia capitata</i>	a Paronychia	Mirador Guarda Forestal
<i>Sagina procumbens</i>	Procumbent Pearlwort	Ronda
<i>Silene colorata</i>	a Catchfly	Hidden Valley
<i>Silene latifolia</i>	White Campion	Mirador Guarda Forestal
<i>Silene vulgaris</i>	Bladder Campion	Gargante Verde
<i>Stellaria media</i>	Chickweed	Laguna Dulce
Cistaceae	Rock-rose Family	
<i>Cistus albidus</i>	Grey-leaved Cistus	Sierra del Pinar
<i>Cistus laurifolius</i>	Laural-leaved Cistus	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>Fumana ericoides</i>	-	Sierra del Pinar

Scientific name	Common name	Location
<i>Tuberaria guttata</i>	Spotted Rock-rose	Near El Chorro
Compositae (Asteraceae)	Daisy Family	
<i>Anthemis chia</i>	-	Between Grazalema & Ubrique
<i>Bellis perennis</i>	Daisy	El Torcal
<i>Bellis sylvestris</i>	Southern Daisy	Between Ubrique & Grazalema
<i>Calendula arvensis</i>	Field Marigold	Sierra del Pinar
<i>Calendula suffruticosa</i>	-	Near Las Mazas
<i>Carduus pycnocephalus</i>	Plymouth Thistle	Gargante Verde
<i>Carlina corymbosa</i>	Flat-topped Carline Thistle	Near Las Mazas
<i>Centaurea calcitrapa</i>	Red Star Thistle	Sierra del Pinar
<i>Centaurea clementei</i> *	Clemente's Knapweed	Grazalema
<i>Centaurea pullata</i>	-	Between Grazalema & Ubrique
<i>Cynara cardunculus</i>	Cardoon	Between Grazalema & Ubrique
<i>Dittrichia viscosa</i>	Woody Fleabane	Sierra del Pinar
<i>Glebionis coronarium</i> var. <i>coronarium</i>	Crown Daisy	Near Tajo de Molino
<i>Glebionis coronarium</i> var. <i>discolor</i>	Crown Daisy	Near Malaga Airport
<i>Glebionis segetum</i>	Corn Marigold	Tajo de Molino
<i>Helichrysum stoechas</i>	Curry Plant	Sierra de las Nieves
<i>Hyoseris radiata</i>	Hyoseris	Between Grazalema & Ubrique
<i>Pallenis spinosa</i>	Pallenis	Below Grazalema
<i>Phagnalon saxatile</i>	Phagnalon	Ronda
<i>Ptilostemon hispanica</i>	Spanish Thistle	Sierra del Pinar
<i>Rhagadiolus stellatus</i>	Star Hawkbit	Tajo de Molino
<i>Reichardia intermedia</i>	Reichardia	Tajo de Molino
<i>Senecio nevadensis</i>	a Ragwort	Hidden Valley
<i>Sencio vulgare</i>	Groundsel	Between Grazalema & Ubrique
<i>Silybum marianum</i>	Milk Thistle	El Torcal (leaves)
<i>Sonchus oleraceus</i>	Smooth Sow-thistle	Ronda
<i>Urospermum picroides</i>	a Urospermum	Ronda
Convolvulaceae	Bindweed Family	
<i>Convolvulus althaeoides</i>	Mallow-leaved Bindweed	El Chorro
Crassulaceae	Stonecrop Family	
<i>Sedum brevifolium</i>	Short-leaved Stonecrop	Sierra del Pinar
<i>Sedum dasyphyllum</i>	Fat-leaved Stonecrop	El Torcal
<i>Sedum mucizonia</i> (<i>Mucizonia hispida</i>)	Mucizonia	Montejaque
<i>Sedum sediforme</i>	Large Stonecrop	Near El Chorro
<i>Sedum sexangulare</i>	Tasteless Stonecrop	El Torcal
<i>Umbilicus rupestris</i>	Navelwort	Puerto del Vienta
Cucurbitaceae	White Bryony Family	
<i>Bryonia dioica</i>	White Bryony	Mirador Guarda Forestal
<i>Ecballium elaterium</i>	Squirting Cucumber	Below Zahara
Ericaceae	Heath Family	
<i>Erica arborea</i>	Tree Heath	E of Grazalema
Euphorbiaceae	Spurge Family	
<i>Euphorbia characias</i> subsp. <i>characias</i>	Large Mediterranean Spurge	El Torcal
<i>Euphorbia exigua</i>	Dwarf Spurge	Near Las Mazas

Scientific name	Common name	Location
<i>Euphorbia helioscopia</i>	Sun Spurge	Gargante Verde
<i>Euphorbia nicaeensis</i>	-	El Torcal
<i>Euphorbia peplus</i>	Petty Spurge	Mirador Guarda Forestal
<i>Mercurialis annua</i>	Annual Mercury	Mirador Guarda Forestal
<i>Mercurialis tomentosa</i>	-	Sierra del Pinar
[<i>Ricinus communis</i>]	Castor Oil Plant	Near Malaga Airport
Fagaceae	Oak & Beech Family	
<i>Quercus coccifera</i>	Kermes Oak	Sierra del Pinar
<i>Quercus faginea</i>	Beech-leaved Oak	E of Grazalema
<i>Quercus ilex</i>	Holm oak	Sierra del Pinar
<i>Quercus suber</i>	Cork Oak	E of Grazalema
Geraniaceae	Geranium Family	
<i>Erodium cicutarium</i>	Common Stork's-bill	Mirador Guarda Forestal
<i>Erodium malacoides</i>	Mallow-leaved Stork's-bill	Laguna Dulce
<i>Erodium moschatum</i>	Musk Stork's-bill	Hotel grounds
<i>Erodium primulaceum</i>	a Stork's-bill	Between Grazalema & Ubrique
<i>Erodium recoderi</i> *	a Stork's-bill	Mirador Guarda Forestal
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	Laguina Dulce
<i>Geranium lucidum</i>	Shining Crane's-bill	Hotel grounds
<i>Geranium molle</i>	Dove's-foot Crane's-bill	Hotel grounds
<i>Geranium purpureum</i>	Little Robin	Mirador Guarda Forestal
<i>Geranium rotundifolium</i>	Round-leaved Crane's-bill	Near El Chorro
Lamiaceae	Dead-nettle Family	
<i>Ballota pseudodictamnus</i>	Garden Horehound	Mirador Guarda Forestal
<i>Lamium amplexicaule</i>	Henbit Deadnettle	Between Grazalema & Ubrique
<i>Lavandula lanata</i> *	Woolly Lavender	Sierra de las Nieves
<i>Lavandula stoechas</i> subsp. <i>stoechas</i>	French Lavender	Near El Burgo
<i>Marrubium vulgare</i>	White Horehound	Below Grazalema
<i>Mentha x verticillata</i>	Apple Mint	Montejaque
<i>Phlomis lychnitis</i>	-	Near El Chorro
<i>Phlomis purpurea</i>	Purple Phlomis	Cueva de las Piletas
<i>Rosmarinus officinalis</i>	Rosemary	Near El Chorro
<i>Salvia argentea</i>	Silver Sage	Sierra de las Nieves
<i>Salvia verbenaca</i>	Wild Clary	Near Las Mazas
<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	N of Malaga
<i>Anagyris foetida</i>	Bean Trefoil	Hidden Valley
<i>Anthyllis cystoides</i>	Shrub Kidney-vetch	Near El Chorro
<i>Argyrolobium zanonii</i>	-	Puerto de Vienta
<i>Astragalus baeticus</i>	-	Puerto de los Acebuches
<i>Astragalus glaux</i>	a Milk-vetch	Mirador Guarda Forestal
<i>Astragalus monspessulanus</i> subsp. <i>gypsophyllus</i>	a Milk-vetch	Near Las Mezas
<i>Bituminaria bituminosa</i>	Pitch Trefoil	Tajo de Molino
<i>Calycotome villosa</i>	Prickly Broom	Cueva de las Piletas
<i>Ceratonia siliqua</i>	Carob	El Chorro

Scientific name	Common name	Location
<i>[Cercis siliquastrum]</i>	Judas Tree	Naturalised in Ronda
<i>Coronilla juncea</i>	Rush-like Scorpion-vetch	Between El Burgo & Ardales
<i>Cytisus baeticus</i>	-	Between Benaolan & Miontejaque
<i>Genista umbellata</i>	-	Tajo de Molino
<i>Hippocrepis siliquosa</i>	-	Puerto de Vienta
<i>Hippocrepis squamata</i>	-	Hidden Valley
<i>Lathyrus aphaca</i>	Yellow Vetchling	E of Grazalema
<i>Lathyrus cicera</i>	-	Mirador Guarda Forestal
<i>Lathyrus clymenum</i>	-	Near El Chorro
<i>Lathyrus ochrus</i>	Winged vetchling	Montejaque
<i>Lathyrus tingitanus</i>	Tangier Pea	Montejaque
<i>Medicago arabica</i>	Spotted Medick	Hidden Valley (leaves)
<i>Medicago polymorpha</i>	Toothed medick	Below Zahara
<i>Ononis biflora</i>	-	Laguna Dulce
<i>Retama (Lygos) monosperma</i>	Bridal Veil Broom	Sierra del Pinar
<i>Retama (Lygos) sphaerocarpa</i>	-	Gargante Verde (in bud)
<i>Scorpiurus muricatus</i>	Spiny Scorpion-vetch	Tajo de Molino
<i>Spartium junceum</i>	Spanish Broom	Roadsides
<i>Trifolium stellatum</i>	Starry Clover	E of Grazalema
<i>Trifolium subterraneum</i>	Burrowing Clover	El Torcal
<i>Ulex (Stauracanthus) bovinii</i>	-	Sierra del Pinar
<i>Ulex parviflorus</i>	Small-flowered Gorse	Common
<i>Vicia sativa</i> subsp. <i>sativa</i>	Fodder Vetch	Montejaque
Malvaceae	Mallow Family	
<i>Malva multiflora (Lavatera cretica)</i>	Small Tree Mallow	Ronda
<i>Malva sylvestris</i>	Common Mallow	Ronda
Moraceae	Fig Family	
<i>[Broussonetia papyrifera] (Morus papyrifera)</i>	Paper Mulberry	Ronda
<i>[Ficus carica]</i>	Fig	Hidden Valley
Myrtaceae	Myrtle & Gum Family	
<i>[Eucalyptus camaldulensis]</i>	River Red Gum	N of Malaga
<i>[Eucalyptus globulus]</i>	Tasmanian Blue Gum	N of Malaga
<i>Myrtis communis</i>	Myrtle	E of Grazalema
Oleaceae	Olive Family	
<i>Fraxinus angustifolia</i>	Narrow-leaved Ash	Between El Burgo & Ardales
<i>Ligustrum vulgare</i>	Wild Privet	El Torcal
<i>Olea europaea</i>	Wild Olive	Mirador Guarda Forestal
<i>Phillyrea angustifolia</i>	Narrow-leaved Phillyrea	E of Grazalema
<i>Phillyrea latifolia (P. media)</i>	Broad-leaved Phillyrea	Mirador Guarda Forestal
Orobanchaceae	Broomrape Family	
<i>Orobanche ballotae</i>	-	Cueva de las Piletas
<i>Parentucellia latifolia</i>	a Bartsia	Mirador Guarda Forestal
Oxalidaceae	Wood-sorrel Family	
<i>[Oxalis pes-caprae]</i>	Bermuda Buttercup	El Chorro

Scientific name	Common name	Location
Paeoniaceae <i>Paeonia broteri</i>	Peony Family a Peony	Puerto de Vienta (leaves)
Papaveraceae <i>Fumaria capreolata</i> <i>Fumaria muralis</i> <i>Fumaria officinalis</i> <i>Papaver dubium</i> <i>Papaver rhœas</i> <i>Platycapnos spicatus</i> <i>Rupicapnos africana</i>	Poppy Family White Ramping Fumitory Common Ramping Fumitory Common Fumitory Long-headed Poppy Common Poppy - -	Below Grazalema Mirador Guarda Forestal Laguna Dulce Below Grazalema Field margins & roadsides Laguna Dulce Near El Burgo
Plantaginaceae <i>Antirrhinum barrelieri</i> <i>Antirrhinum graniticum</i> <i>Chaenorhinum villosum</i> <i>Linaria anticaria*</i> <i>Linaria platycalyx*</i> <i>Linaria tristis</i> <i>Plantago lagopus</i> <i>Plantago serraria</i> <i>Veronica cymbalaria</i>	Plantain Family a Snapdragon a Snapdragon - El Torcal Toadflax a Toadflax a Toadflax Hare's-tail Plantain - White Speedwell	Ronda Tajo de Molino Near El Chorro El Torcal (leaves) Cueva de las Piletas Puerto de Vienta Hidden Valley Near Las Mezas (leaves) Hotel grounds
Polygalaceae <i>Polygala rupestris</i>	Milkwort Family Rock Milkwort	El Chorro
Polygonaceae <i>Rumex bucephaloflorus</i> <i>Rumex scutatus</i>	Dock Family Horned Dock French or Shield Dock	El Chorro Tajo de Molino
Primulaceae <i>Anagallis arvensis (Red & Blue)</i>	Primrose Family Scarlet Pimpernel	Puerto de Vienta
Ranunculaceae <i>Clematis cirrhosa</i> <i>Ficaria verna</i> subsp. <i>ficariiformis</i> <i>Helleborus foetidus</i> <i>Ranunculus parviflorus</i> <i>Ranunculus spicatus</i> subsp. <i>blepharicarpos</i>	Buttercup Family Virgin's Bower Lesser Celandine Stinking Hellebore Small-flowered Buttercup Rock Buttercup	Mirador Guarda Forestal Between Grazalema & Ubrique Sierra de las Nieves Hidden Valley Near El Chorro
Resedaceae <i>Reseda alba</i> <i>Reseda luteola</i> <i>Reseda phyteuma</i> <i>Reseda undata</i> subsp. <i>gayana (R. gayana)</i>	Mignonette Family White Mignonette Weld Corn Mignonette a Mignonette	El Chorro Tajo de Molino Tajo de Molino Ronda
Rhamnaceae <i>Rhamnus alaternus</i>	Buckthorn Family Mediterranean Buckthorn	El Torcal
Rosaceae <i>Crataegus monogyna</i> [<i>Prunus dulcis</i>]	Rose Family Hawthorn Almond	Between Grazalema & Ubrique Between El Burgo & Ardales

Scientific name	Common name	Location
<i>Prunus prostrata</i>	Prostrate Plum	Puerto de Vienta
<i>Prunus ramburii</i>	-	Sierra de las Nieves
<i>Prunus spinosa</i>	Blackthorn	Roadsides
<i>Rosa c.f. rubiginosa</i>		Hidden Valley
<i>Rubus ulmifolius</i>	Bramble	Sierra del Pinar
Rubiaceae	Bedstraw Family	
<i>Galium aparine</i>	Cleavers	Ronda
<i>Galium verrucosum</i>	-	Near Las Mezas
<i>Plocama (Putoria) calabrica</i>	Putoria	Sierra del Pinar
<i>Rubia peregrina</i>	Wild Madder	Sierra del Pinar
<i>Sherardia arvensis</i>	Field Madder	Near Las Mezas
Rutaceae	Rue Family	
[<i>Citrus aurantium</i>]	Bitter Orange	Planted
[<i>Citrus limon</i>]	Lemon	Planted
[<i>Citrus sinensis</i>]	Orange	Planted
Santalaceae	Sandalwood Family	
<i>Osyris alba</i>	Osyris	Hidden Valley
<i>Viscum cruciatum</i>	Red-berried Mistletoe	Between Grazalema & Ubrique
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>	-	Puerto de Vienta (leaves)
<i>Saxifraga granulata</i>	Meadow Saxifrage	Between Grazalema & Ubrique
<i>Saxifraga tridactylites</i>	Rue-leaved Saxifrage	El Torcal
Scrophulariaceae	Figwort Family	
<i>Scrophularia sambucifolia</i>	Elder-leaved Figwort	Hidden Valley
<i>Verbascum phlomoides</i>	Orange Mullein	Hidden Valley
<i>Verbascum sinuatum</i>	-	Below Grazalema
Simaroubaceae	Tree of Heaven Family	
[<i>Ailanthus altissima</i>]	Tree of Heaven	Naturalised/suckering
Solanaceae	Nightshade Family	
<i>Hyoscyamus albus</i>	White Henbane	Ardales
<i>Mandragora autumnalis</i>	Mandrake	W of Montecorto (leaves)
<i>Nicotiana glauca</i>	Shrub Tobacco	Ardales
<i>Solanum nigrum</i>	Black Nightshade	Cueva de las Piletas
Thymelaeaceae	Daphne Family	
<i>Daphne gnidium</i>	Mediterranean Mezereon	Between Grazalema & Ubrique
<i>Daphne laureola</i>	Spurge Laurel	Sierra de las Nieves
<i>Thymelaea hirsuta</i>	Thymelea	Ronda

Scientific name	Common name	Location
Urticaceae		
<i>Parietaria judaica</i>	Nettle Family Pellitory-of-the-wall	Ronda
<i>Parietaria officinalis</i>	Large Pellitory-of-the-wall	El Chorro
<i>Urtica membranacea</i>	Membranous Nettle	Puerto de Vienta
<i>Urtica urens</i>	Small Nettle	Near Las Mezas
Violaceae		
<i>Viola demetria</i>	Violet Family -	Sierra del Pinar
Monocots		
Amaryllidaceae		
<i>Narcissus assoanus</i> (<i>N. requienii</i>)	Amaryllis Family Rush-leaved Jonquil	Gargante Verde
<i>Narcissus bulbocodium</i>	Hooped-petticoat Daffodil	Between Grazalema & Ubrique
<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	Near El Chorro
<i>Narcissus cuatrecasasii</i> * (<i>N. rupicola</i>)	Rock Jonquil	Hidden Valley
<i>Narcissus flavus</i> (<i>N. fernandesii</i>)	-	Between Grazalema & Ubrique
<i>Narcissus papyraceus</i>	Paper-white Daffodil	W of Montecorto
Araceae		
<i>Arisarum vulgare</i>	Arum Family Friar's Cowl	Hidden Valley
Arecaceae		
<i>Chamærops humilis</i> [<i>Phoenix canariensis</i>]	Palm Family Dwarf Fan Palm Canary Palm	Gargante Verde EL Chorro
Asparagaceae		
<i>Aphyllanthes monspeliensis</i> [<i>Agave americana</i>]	Asparagus Family Blue Aphyllanthes Century Plant	Sierra del Pinar Naturalised
<i>Asparagus acutifolius</i>	Sharp-leaved Asparagus	Mirador Guarda Forestal
<i>Asparagus albus</i>	White-stemmed Asparagus	Ronda
<i>Dipcadi serotinum</i>	Brown Bluebell	Near El Chorro
<i>Drimia (Urginea) maritima</i>	Sea Squill	Gargante Verde (leaves)
<i>Hyacinthoides hispanica</i>	Spanish Bluebell	Mirador Guarda Forestal
<i>Leopoldia comosa</i> (<i>Muscari comosum</i>)	Tassel Hyacinth	Between Benoajan & Montejaque
<i>Muscari neglectum</i>	Grape Hyacinth	Near El Chorro
<i>Ornithogalum baeticum</i>	a Star-of-Bethlehem	Mirador Guarda Forestal
<i>Ornithogalum reverchonii</i> *	a Star-of-Bethlehem	Hidden Valley
<i>Ruscus aculeatus</i>	Butcher's Broom	El Torcal
<i>Scilla peruviana</i>	Giant Squill	Cueva de las Piletas
Cyperaceae		
<i>Carex flacca</i>	Sedge Family Glaucous Sedge	Sierra del Pinar
<i>Carex halleriana</i>	-	Sierra del Pinar
<i>Schoenus nigricans</i>	Black Bog-rush	Sierra del Pinar
Dioscoreaceae		
<i>Dioscorea (Tamus) communis</i>	Black Bryony Family Black Bryony	El Torcal
Iridaceae		
<i>Gladiolus italicus</i>	Iris Family Common Gladiolus	Cueva de las Piletas

Scientific name	Common name	Location
<i>Iris foetidissima</i>	Stinking Iris	El Torcal (leaves)
[<i>Iris germanica</i>]	German or Bearded Iris	Naturalised in Ronda
<i>Iris lutescens</i> subsp. <i>subbiflora</i> (<i>I. subbiflora</i>)	-	El Torcal
<i>Iris planifolia</i>	Broad-leaved Iris	Puerto de Viento
<i>Moraea sisyrinchium</i>	Barbary Nut	Gargante Verde
<i>Romulea bulbocodium</i>	a Sand Crocus	Between Grazalema & Ubrique
Juncaeeae	Rush Family	
<i>Luzula pilosa</i>	Hairy Woodrush	E of Grazalema
<i>Scirpoides holoschoenus</i>	Round-headed Clubrush	Puerto de Viento
Liliaceae	Lily Family	
<i>Fritillaria lusitanica</i>	Portuguese Fritillary	Near El Chorro
<i>Gagea foliosa</i>	a Yellow Star-of-Bethlehem	Puerto de Viento
<i>Gagea lacaitae</i>	a Yellow Star-of-Bethlehem	Near El Chorro
Orchidaceae	Orchid Family	
<i>Anacamptis collina</i> (<i>Orchis collina</i>)	Fan-lipped orchid	Near El Chorro
<i>Himantoglossum robertianum</i>	Giant Orchid	Near 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	Near Las Mezas
<i>Ophrys fusca</i> subsp. <i>fusca</i>	Sombre Bee Orchid	Sierra del Pinar
<i>Ophrys lutea</i>	Yellow Bee Orchid	Tajo de Molino
<i>Ophrys omegaifera</i> (<i>O. fusca</i> subsp. <i>omegaifera</i>)	Omega Orchid	Near Las Mezas
<i>Ophrys speculum</i>	Mirror Orchid	Near 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	Puerto de los Acebuches
<i>Orchis olbiensis</i>	an Early Purple Orchid	Sierra del Pinar
Poaceae	Grass Family	
<i>Ampelodesmos mauritanicus</i>	-	Ronda
<i>Anisantha diandra</i>	Great Brome	Hotel grounds
<i>Arundo donax</i>	Giant Reed	Near Malaga Airport
<i>Avena sterilis</i>	Winter Wild Oat	Tajo de Molino
<i>Catapodium rigidum</i>	Fern Grass	Grazalema
<i>Cynosurus echinatus</i>	Rough Dog's-tail	Between Grazalema & Ubrique
<i>Hordeum murinum</i>	Wall Barley	Laguna Dulce
<i>Hyparrhenia hirta</i>	-	Tajo de Molino
<i>Lamarckia aurea</i>	Lamarck's Golden Grass	Tajo de Molino
<i>Phragmites australis</i>	Common Reed	El Chorro
<i>Poa annua</i>	Annual Meadow Grass	Grazalema
<i>Stipa capensis</i>	a Feather Grass	Ronda
Smilacaceae	Smilax Family	
<i>Smilax aspera</i>	Common Smilax	Sierra del Pinar
Xanthorrhoeaceae	Asphodel Family	
<i>Asphodelus aestivus</i>	Common Asphodel	N of Balme
<i>Asphodelus albus</i>	White Asphodel	Gargante Verde
<i>Asphodelus fistulosus</i>	Small Asphodel	Tajo de Molino

Scientific name	Common name	Location
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FUNGI:

Trametes versicolor	Turkey-tail	Sierra de las Nieves
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LICHENS:

Evernia prunastri	On twigs everywhere	Sierra de las Nieves
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Birds (✓=recorded but not counted; H = heard only; LO = Leader only)

	Common name	Scientific name	Mar								
			13	14	15	16	17	18	19	20	
1	Red-legged Partridge	<i>Alectoris rufa</i>		✓						✓	
2	Common Shelduck	<i>Tadorna tadorna</i>						✓			
3	Mallard	<i>Anas platyrhynchos</i>						✓			
4	Red-crested Pochard	<i>Netta rufina</i>						✓			
5	Common Pochard	<i>Aythya farina</i>						✓			
6	White-headed Duck	<i>Oxyura leucocephala</i>						✓			
7	Alpine Swift	<i>Tachymarptis melba</i>			LO						
8	Common Swift	<i>Apus apus</i>						✓			
9	Common Cuckoo	<i>Cuculus canorus</i>								H	
10	Rock Dove	<i>Columba livia</i>						✓			
11	Rock Dove [Feral]	<i>Columba livia feral</i>	✓	✓	✓	✓	✓	✓	✓	✓	
12	Common Wood Pigeon	<i>Columba palumbus</i>			✓		✓			✓	
13	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	✓			H	✓				
14	Baillon's Crake	<i>Porzana pusilla</i>						✓			
15	Eurasian Coot	<i>Fulica atra</i>						✓			
16	Little Grebe	<i>Tachybaptus ruficollis</i>						✓			
17	Great Crested Grebe	<i>Podiceps cristatus</i>			✓			✓			
18	Black-necked Grebe	<i>Podiceps nigricollis</i>						✓			
19	Greater Flamingo	<i>Phoenicopterus roseus</i>						✓			
20	Little Ringed Plover	<i>Charadrius dubius</i>						✓			
21	Black-headed Gull	<i>Chroicocephalus ridibundus</i>						✓			
22	Yellow-legged Gull	<i>Larus michahellis</i>						✓			
23	White Stork	<i>Ciconia ciconia</i>					✓				
24	Great Cormorant	<i>Phalacrocorax carbo</i>			✓						
25	Glossy Ibis	<i>Plegadis falcinellus</i>						✓			
26	Western Cattle Egret	<i>Bubulcus ibis</i>	✓								
27	Grey Heron	<i>Ardea cinerea</i>			✓						
28	Little Egret	<i>Egretta garzetta</i>	✓								
29	Griffon Vulture	<i>Gyps fulvus</i>		✓	✓	✓	✓	✓	✓	✓	
30	Short-toed Snake Eagle	<i>Circaetus gallicus</i>				✓			✓		
31	Booted Eagle	<i>Hieraaetus pennatus</i>							✓	✓	
32	Golden Eagle	<i>Aquila chrysaetos</i>			✓						
33	Northern Goshawk	<i>Accipiter gentiles</i>				✓					
34	Common Buzzard	<i>Buteo buteo</i>						✓		✓	
35	Eurasian Scops Owl	<i>Otus scops</i>		H	H						
36	Tawny Owl	<i>Strix aluco</i>	LO								
37	Great Spotted Woodpecker	<i>Dendrocopos major</i>		H	✓	✓				H	
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>			✓	✓					

	Common name	Scientific name	Mar							
			13	14	15	16	17	18	19	20
42	Iberian Grey Shrike	<i>Lanius meridionalis</i>		✓						
43	Eurasian Jay	<i>Garrulus glandarius</i>			✓					✓
44	Red-billed Chough	<i>Pyrrhocorax pyrrhocorax</i>		✓	✓	✓	✓	✓	✓	
45	Carrion Crow	<i>Corvus corone</i>					✓			✓
46	Northern Raven	<i>Corvus corax</i>		✓		✓			H	✓
47	Coal Tit	<i>Periparus ater</i>		✓	✓	✓				
48	Great Tit	<i>Parus major</i>	✓	✓	✓	✓	✓	✓	✓	✓
49	Eurasian Blue Tit	<i>Cyanistes caeruleus</i>	✓	✓	H	✓	✓	✓	✓	
50	Crested Lark	<i>Galerida cristata</i>	✓	✓			✓			✓
51	Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓	✓	✓	✓	✓	
52	Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>		✓	✓	✓	✓	✓		
53	Common House Martin	<i>Delichon urbicum</i>	✓				✓	✓	✓	
54	Cetti's Warbler	<i>Cettia cetti</i>				H	H			
55	Long-tailed Tit	<i>Aegypius caudatus</i>								
56	Western Bonelli's Warbler	<i>Phylloscopus bonelli</i>								H
57	Eurasian Blackcap	<i>Sylvia atricapilla</i>			H	H	✓	✓		H
58	Subalpine Warbler	<i>Sylvia cantillans</i>								✓
59	Sardinian Warbler	<i>Sylvia melanocephala</i>						✓		
60	Eurasian Wren	<i>Troglodytes troglodytes</i>			✓	H	✓		H	H
61	Eurasian Nuthatch	<i>Sitta europaea</i>				H	H			H
62	Short-toed Treecreeper	<i>Certhia brachydactyla</i>			✓					
63	Spotless Starling	<i>Sturnus unicolor</i>	✓	✓	✓	✓	✓	✓	✓	✓
64	Ring Ouzel	<i>Turdus torquatus</i>		✓						
65	Common Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓	✓	✓	✓	✓
66	Song Thrush	<i>Turdus philomelos</i>		H		H		✓		
67	Mistle Thrush	<i>Turdus viscivorus</i>				✓				
68	Spotted Flycatcher	<i>Muscicapa striata</i>		LO						
69	European Robin	<i>Erithacus rubecula</i>				✓	✓	✓		H
70	Black Redstart	<i>Phoenicurus ochruros</i>		✓	✓	✓	✓	✓	✓	
71	Blue Rock Thrush	<i>Monticola solitarius</i>			✓	✓	✓	✓		
72	Whinchat	<i>Saxicola rubetra</i>				✓				✓
73	European Stonechat	<i>Saxicola rubicola</i>		✓	✓	✓			✓	✓
74	Black-eared Wheatear	<i>Oenanthe hispanica</i>		✓						
75	Black Wheatear	<i>Oenanthe leucura</i>					✓	✓		
76	House Sparrow	<i>Passer domesticus</i>	✓	✓	✓	✓	✓	✓	✓	✓
77	Grey Wagtail	<i>Motacilla cinerea</i>					✓			
78	White Wagtail	<i>Motacilla alba</i>				✓				✓
79	Meadow Pipit	<i>Anthus pratensis</i>						✓		
80	Common Chaffinch	<i>Fringilla coelebs</i>		✓	✓	✓	✓	✓	✓	✓
81	European Greenfinch	<i>Chloris chloris</i>					✓	H	H	
82	Common Linnet	<i>Linaria cannabina</i>	✓		✓		✓	✓		
83	European Goldfinch	<i>Carduelis carduelis</i>	✓	✓	✓	✓	✓	✓	✓	✓
84	European Serin	<i>Serinus serinus</i>		✓	✓	✓	✓	H	✓	
85	Corn Bunting	<i>Emberiza calandra</i>	✓	✓	✓	✓	✓	✓	✓	✓
86	Rock Bunting	<i>Emberiza cia</i>			✓		✓	✓	✓	✓
87	Cirl Bunting	<i>Emberiza cirlus</i>	✓	✓				✓		

Mammals (D = Dead; S = Signs Of)

1	Greater Mouse-eared Bat	<i>Myotis myotis</i>							✓		
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	Common name	Scientific name	Mar							
			13	14	15	16	17	18	19	20
2	Spanish Ibex	<i>Capra pyrenaica</i>		✓		✓	✓	✓		
3	Common Genet	<i>Genetta genetta</i>					D			
4	Wild Boar	<i>Sus scrofa</i>		S	S					
5	Sika Deer	<i>Cervus nippon</i>							✓	
6	Rabbit	<i>Oryctolagus cuniculus</i>					✓			

Amphibians & Reptiles (T = Tadpoles)

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

Butterflies (C = Caterpillar)

1	Swallowtail	<i>Papilio machaon</i>				✓			✓	
2	Scarce Swallowtail	<i>Iphiclides podalirius</i>		✓	✓	✓				
3	Spanish Festoon	<i>Zerynthia rumina</i>		✓	✓	✓	✓	✓	✓	
4	Black-veined White	<i>Aporia crataegi</i>								C
5	Large White	<i>Pieris brassicae</i>			✓	✓	✓		✓	
6	Small White	<i>Pieris rapae</i>		✓	✓		✓	✓		
7	Western Dappled White	<i>Euchloe crameri</i>		LO	✓	✓		✓	✓	
8	Orange Tip	<i>Anthocaris cardamines</i>								✓
9	Provence or Moroccan Orange Tip	<i>Anthocaris euphenoides</i>		✓	✓					
10	Clouded Yellow	<i>Colias crocea</i>		✓	✓	✓	✓	✓	✓	
11	Brimstone	<i>Gonepteryx rhamni</i>						✓		
12	Cleopatra	<i>Gonepteryx cleopatra</i>		✓	✓	✓	✓	✓	✓	
13	Provence Hairstreak	<i>Tomares ballus</i>		✓				✓		
14	Small Copper	<i>Lycaena phlaeas</i>		✓	✓			✓		
15	Black-eyed Blue	<i>Glaucopsyche melanops algirica</i>		✓	✓					
16	Common Blue	<i>Polyommatus icarus</i>								✓
17	Large Tortoiseshell	<i>Nymphalis polychloros</i>		✓				✓	✓	
18	Red Admiral	<i>Vanessa atalanta</i>		✓		✓	✓		✓	
19	Painted Lady	<i>Vanessa cardui</i>		✓	✓					
20	Small Heath	<i>Coenonympha pamphilus</i>		✓	✓	✓	✓	✓	✓	
21	Speckled Wood	<i>Pararge aegeria aegeria</i>		✓		✓				
22	Wall Brown	<i>Lasiommata megera</i>			✓	✓	✓	✓	✓	
23	Large Wall Brown	<i>Lasiommata maera</i>		✓						✓

Micro Moths

1	Crambid	<i>Eudonia</i> sp.			✓					
2	Garden Pebble	<i>Evergestis forficalis</i>								

Macro Moths (B = Bivouac)

1	Yellow Belle	<i>Semiaspilates ochrearia</i>		✓					✓	
2	Pine Processionary Moth	<i>Thaumetopoea pityocampa</i>		C	B	B		B	B	
3	Humming-bird Hawk-moth	<i>Macroglossum stellatarum</i>			✓	✓				
4	a Tiger Moth	<i>Ocnogyna zoraida</i>				✓				

	Common name	Scientific name	Mar							
			13	14	15	16	17	18	19	20
5	Spanish Pellicle	<i>Ocnogyna zoraida</i>				✓				

Other Invertebrates (O = Ootheca)

1	Ruddy Darter	<i>Sympetrum sanguineum</i>					✓			
2	Egyptian Grasshopper	<i>Anacridum aegyptium</i>			LO					
3	Toad' Grasshopper	<i>Pamphagidae sp.</i>		✓				✓	✓	
4	Empusid Mantis	<i>Empusa pennata</i>						✓		
5	Praying Mantis	<i>Mantis religiosa</i>							O	
6	Forest Bug	<i>Pentatoma rufipes</i>		✓						
7	Fire Bug	<i>Pyrrhocoris apterus</i>					✓			
8	Wood Ant	<i>Formica rufa</i>			✓	✓	✓	✓	✓	
9	European Paper Wasp	<i>Polistes gallicus</i>						✓		
10	a Carpenter Bee	<i>Xylocopa sp.</i>		✓						
11	Honey Bee	<i>Apis mellifera</i>					✓	✓		
12	Buff-tailed Bumble Bee	<i>Bombus terrestris</i>		✓		✓			✓	
13	Ground Beetle	<i>Zabrus tenebrionides</i>							✓	
14	a Chafer	<i>Tropinota squalida</i>			✓					
15	Violet Rain Beetle	<i>Carabus violaceus</i>							✓	
16	Oil Beetle	<i>Meloe proscarabaeus</i>							✓	
17	False Blister Beetle	<i>Ischnomera cyanaea</i>						✓		
18	Leaf Beetle	<i>Clytra quadripunctata</i>					✓			
19	Giant Centipede	<i>Scolopendra cingulatus</i>						✓	✓	
20	Western Yellow Centipede	<i>Stigmatogastor subterranea</i>					✓			
21	Scorpion	<i>Buthus occitanicus</i>							✓	
22	Harvestman	<i>Opilones sp.</i>		✓	✓					
23	Wolf Spider	<i>Lycosidae sp.</i>							✓	
24	Crab Spider	<i>Misumena vatia</i>		✓						
25	Crab Spider	<i>Thomisus onustus</i>			✓		✓			

*Romulea bulbocodium*