

Spain - Spring Flowers of Western Andalusia

Naturetrek Tour Report

9 - 16 March 2016



Fedia cornucopiae.



Narcissus cantabricus



Ophrys speculum



Narcissus cuatrecasasii

Report & images by Paul Harmes



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Day 1

Wednesday 9th March

Five tour group members, Caroline, John V., Banba, John and Ann, met with Paul at Gatwick Airport's North Terminal, for the Easyjet flight, EZY8605, to Malaga. Upon our arrival, we met up with Penny and Colin, who had arrived earlier on an earlier Easyjet flight EZY6051 from Bristol, before making our way to our hire vehicle, in the multi-storey car park.

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, Barn Swallows, Little Egret and Sand Martin were seen. After a light snack at the Venta El Cordobes, we continued on the A367 south, through Cuevas del Becerro, to the outskirts of Ronda, where we joined the A366, El Burgo road, north-east for about 4km to our final destination, the Finca La Guzman, our accommodation for the week. On arrival, we were met by Peter McLeod, our host, who quickly settled us into our rooms before supplying tea and coffee.

At 7pm, we met in the kitchen, where Peter outlined details of the Finca and the surrounding area, and Paul gave a brief outline of the plans for the first day. We then went down the road to the La Venta Cordoniz for supper.

Day 2

Thursday 10th March

After a superb breakfast, we drove down to Ronda, and off on the Seville road towards the village of Grazalema. Along the way we recorded Griffon Vulture, Corn Bunting and Crested Lark. As we made our way off the main road, John D spotted a pair of Griffon Vultures sitting in a tree. As they were really quite close, we stopped to see them more clearly. Whilst we were there, we saw *Paronychia capitata* (a Paronychia), *Conium maculatum* (Hemlock), *Urtica membranacea* (Membranous Nettle) and a good show of *Silene colorata*. We made a second brief stop on a broad verge to the south of Grazalema, on the road to Ubrique. Approaching this, we saw a Woodchat Shrike, European Stonechat on an overhead electricity line, and Black Redstart on a fence. Here we recorded our first native Daffodil, *Narcissus flavus*, together with *Erodium cicutarium* (Stork's-bill) and the dead skeletons of last year's spikes of *Echium boissieri* (Boissier's Viper's-bugloss). An adjacent cliff face produced several Griffon Vultures, a pair of Raven and a good number of Red-billed Chough.

Retracing our steps, we made our way through Grazalema, and onwards, a short distance from the town, to the car park at the start of our proposed walk in the Sierra del Pinar. Along the path-side we found *Romulea bulbocodium* (Sand Crocus), *Orchis olbiensis* (an Early Purple Orchid), and the young leaves of *Ptilostemon hispanicus* (Spanish Thistle). The path rose through *Pinus pinaster* (Maritime Pine) forest, mixed with *Quercus* species (Oaks). Along the path we added *Asphodelus albus* (White Asphodel), together with Great Tit, Jay and Great Spotted Woodpecker. Blue Tit was also heard. Butterflies were quite active in the warm sunshine, and we saw several Black-eyed Blues, Large Tortoiseshell and Wall Brown, as we progressed.

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 the diminutive yellow Violet, *Viola demetria*, *Berberis hispanicus* (Spanish Barberry) and *Draba hispanica* (Spanish Whitlow-grass). 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 and lunch, during which a small group of Spanish Ibex were seen, we drove on up and over the 'Puerto de las Palomas' (Pass of the Doves), where we began the descent towards Zahara, stopping in the car park of our second location, the 'Garganta Verde'. Here, we saw *Narcissus assoanus* (Rush-leaved Jonquil) on the road verge, *Ophrys fusca* subsp. *fusca* (Sombre Bee Orchid), *Ulex parviflorus* (Small-flowered Gorse), *Ceratonia siliqua* (Carob) and *Myrtus communis* (Myrtle). Continuing on down towards the hilltop village of Zahara, we noted *Vinca difformis* (Intermediate Periwinkle) along the roadside as well as more spikes of *Orchis olbiensis* (an Early Purple Orchid).

Our final stop of the day was on a piece of rough pasture at Las Mezas. *Ophrys speculum* (Mirror Orchid), *Urtica urens* (Small Nettle), *Fedia cornucopiae* (Fedia) and a good colony of *Himantoglossum robertianum* (Giant Orchid) were all recorded. From here, we set off back towards Ronda and the Finca in time for a splendid dinner, cooked by Peter.

Day 3

Friday 11th March

Today was sunny but with a chilly wind, as we travelled in the opposite direction, towards the village of El Burgo. Our first stop was on a verge to the east of the Puerto del Viento (Pass of the Wind), to see *Iris planifolia* (Flat-leaved Iris). Unfortunately, only two or three were in flower. However, some adjacent rocks had *Viola demetria* and several clumps of the endemic *Biscutella frutescens* (Perennial Buckler Mustard). At the base of the rocks, there was *Umbilicus rupestris* (Navelwort) and some *Crataegus monogyna* (Hawthorn) bushes which had been infested with *Viscum cruciatum* (Red-berried Mistletoe). Numerous Griffon Vultures were searching for thermals, Red-billed Choughs were seen patrolling a distant cliff face, and Stonechat was also recorded.

Our second stop of the morning was at the Mirador del Guarda Forestal. Here we saw a solitary Peregrine Falcon and several Crag Martins. The plants included *Hyacinthoides hispanicus* (Spanish Bluebell), *Aristolochia baetica* (a Birthwort), *Microthlaspi perfoliata* (Perfoliate Pennycress), *Olea europaea* (Wild Olive), *Clematis cirrhosa* (Maiden's Bower) and *Asphodelus albus* (White Asphodel). As we were about to leave, a splendid Short-toed Snake Eagle was clearly seen hunting over the adjacent mountainside.

Continuing on to El Burgo, we made good time, before turning right and on towards Ardales. Along the way, Paul pointed out *Fraxinus angustifolius* (Narrow-leaved Ash). In Ardales, we noted *Nicotiana glauca* (Shrub Tobacco) growing on some waste ground. We now 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 *Ophrys speculum* (Mirror Orchid), *Narcissus cantabricus* (White Hoop-petticoat Daffodil), *Cistus albidus* (Grey-leaved Cistus) and *Muscari neglectum* (Grape Hyacinth). Birds included Great Tit, Blackbird and Chaffinch.

After our picnic lunch, we walked down towards the road, exploring the sandstone verges, finding *Rupicapnos africana*, *Ranunculus spicatus* subsp. *blepharicarpos* (Rock Buttercup), *Chaenorhinum villosum*, *Orchis anthropophora* (Man Orchid), *Muscari neglectum* (Grape Hyacinth), and *Reseda suffruticosa* (a Mignonette).

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), *Scirpoides holoschoenus* (Round-headed Club-rush), *Cistus salvifolius* (Sage-leaved Cistus) and *Vicia lutea* (Yellow Vetch). At this point we made our way to a small café for refreshments. Whilst enjoying our drinks we noted approximately 150 Griffon Vulture sitting around on two high ledges and drifting on thermals above us.

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

Day 4

Saturday 12th March

Another fresh, clear sunny day dawned 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 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. It was in this latter habitat that we made our first stop, finding *Narcissus assoanus* (Rush-leaved Jonquil), *Orchis olbiensis* (an Early Purple Orchid), *Neotinea tridentata* subsp. *conica* (a Toothed Orchid), and *Quercus coccifera* (Kermes Oak). Birds here were rather quiet, but Chaffinch and Great Tit were seen.

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. Also growing here was *Ficaria verna* subsp. *ficariiformis* (Lesser Celandine) and, on *Crataegus* (Hawthorn) bushes, *Viscum cruciatum* (Red-berried Mistletoe). We also noted Common Chaffinch and Painted Lady butterfly.

Parking the vehicles at Los Quejigales, we set off for a walk on a path that would eventually lead to the Puerto de los Pilonos. We began in *Pinus pinaster* (Maritime Pine) and *Pinus halepensis* (Aleppo Pine) woodland. Also present were *Rubia peregrina* (Wild Madder), *Daphne laureola* (Spurge Laurel) 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. All members of the group continued on up to them, passing *Lavandula lanata* (Woolly Lavender), a local endemic, as we went. Birds were once again infrequent, with the occasional Siskin, Chaffinch, and the distant drumming of Great Spotted Woodpecker, the only evidence. After our descent, we took our lunch in the Los Quejigales picnic site.

After lunch, we drove back to Ronda, parking in the car park on the north side of the town. We then walked down through the pedestrian precinct to the cliff-edge walk. Crag Martins and Red-billed Chough were all seen, as well as *Smyrniium olusatrum* (Alexanders), *Moricandia moricandioides* (a Purple Cabbage), *Sedum sediforme* (Large Stonecrop), *Antirrhinum barrelieri* (a Snapdragon) and *Echium vulgare* (Viper's Bugloss).

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 13th March

A breezy but sunny morning dawned and, leaving Finca La Guzmanana early, we took the road towards Campillos. Common House Martin and Crested Lark were seen as we went. When we passed through the small village of Teba, and turned east joining the main Malaga to Antequera road, and continued on Via Campillos. Passing through Antequera, we made our way up to the summit of El Torcal, the highest point in the El Torcal de Antequera National Park, and parked by the visitor centre. Rock Bunting, Robin and Black Redstart were very much in evidence. After we had had coffee, we set off to explore the 'Karst' limestone structures. We walked one of the circular tracks, finding *Euphorbia characias* subsp. *characias* (Mediterranean Spurge) and several clumps of the endemic *Linaria anticaria* (a Toadflax), sadly not yet flowering, and also the leaves of *Saxifraga biternata* (El Torcal Saxifrage), both local endemics, and *Ophrys tentbredinifera* (Sawfly Orchid). In addition we also saw Griffon Vulture and Blackbird.

We then enjoyed our picnic lunch among the spectacular limestone outcrops and boulders. Black Redstart and Rock Bunting were evident during the meal. After we had eaten, most of the group began to descend on foot. As they went they saw Spanish Ibex, *Himantoglossum robertianum* (Giant Orchid) and *Narcissus papyraceus* (Paper-white Daffodil).

It was now time to begin our journey back to Ronda. However, we made two more stops before reaching our destination. Retracing our steps, we made a stop at Laguna Dulce, near Campillos, and along the way we saw Crested Lark and Stonechat. The lake, unfortunately, had dried up, so birdlife was restricted to Goldfinch, Corn Bunting and a solitary female Whinchat. However, on the verge we found *Nonea vesicaria* (Nonea), *Calendula suffruticosa* and *Platycapnos spicatus*, as well as Painted Lady and Small White butterflies.

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 gorge produced a skittish group of Rock Doves, together with Blackcap and Stonechat. We also heard the explosive call of Cetti's Warbler, and noted Cleopatra and Spanish Festoon butterflies, before we re-joined the vehicle for the final leg of the journey back to Ronda.

Day 6

Monday 14th March

After breakfast, we left the Finca in warming sunshine, and drove down towards Ronda, before taking the Seville road, turning off towards Benaolan and Montejaque. At Benaolan, we made our way up to the car park at the 'Cueva de la Pileta' caves. After a brief look at the information board, we walked up the path and steps to the entrance, where Paul discovered that we were not able to go in with the first party, as it was a group booking, so he decided to return later in the day.

Moving on to the small town of Montejaque, we took a sharp turn and made our way up to Los Llanos de Libar, in the Sierra de Montalata and known as the 'Hidden Valley'. A stop by a high cliff produced *Saxifraga bourgaeana*

(a Saxifrage), *Narcissus cuatrecasasii* (Rock Jonquil), *Ornithogalum reverchonii* (a Star of Bethlehem), *Scrophularia sambucifolia* (Elder-leaved Figwort) and *Fedia cornucopiae* (Fedia). Eurasian Crag Martin, Great Tit and Griffon Vultures were also seen. It was a good morning for butterflies, despite the strong wind, and several were recorded, including Small Copper, Small Heath, Western Dappled White and Clouded Yellow. The group began to walk up the valley, admiring the Karst limestone mountains as they went. Continuing to scan the sky, it was not long before Black Wheatear, Red-billed Chough, Common Chaffinch, Rock Bunting and more Griffon Vultures were seen. As we walked, we recorded *Orchis olbiensis* (an Early Purple Orchid), *Erodium primulaeum* (a Stork's-bill), *Narcissus cuatrecasasii* (Rock Jonquil) and *Linaria tristis* (a Toadflax).

At the top of the walk, where Paul had parked the bus, we set up our picnic. During which European Serin, Great Tit, Blue Tit and Barn Swallow were seen, together with Red Admiral and Large Tortoiseshell.

On the descent, we saw Sardinian Warbler and Rock Bunting, and paused to see a stand of *Antirrhinum barrelieri* (a Snapdragon), *Moraea sisyrinchium* (Barbary Nut), *Lathyrus chymenum* (a Pea) and *Tripodion tetraphyllum* (Bladder Vetch). We also saw two rather distant Short-toed Eagles.

We now left Montejaque, and made our way north, stopping below the Cerro de Tavizna, to explore a patch of scrub, a rocky verge. These produced *Orchis olbiensis* (an Early Purple Orchid), *Vinca difformis* (Intermediate Periwinkle), *Saxifraga granulata* (Meadow Saxifrage), *Linaria aeruginea* (a Toadflax) and *Muscari neglectum* (Grape Hyacinth). Western Dappled White and Small White butterflies and Eurasian Crag Martin and Blue Rock Thrush were also seen.

Returning to Montejaque, and the caves of Pileta, we were now able to complete our excursion. The cave car park area held *Calycotome villosa* (Prickly Broom) and *Asphodelus aestivus* (Common Asphodel), while European Serin, Eurasian Blackcap and Sardinian Warbler were all active. We completed our visit to the 'Cueva de la Pileta' caves, before making our way back to the Finca in time for dinner.

Day 7

Tuesday 15th March

Today, we returned to the Grazalema area. The day had dawned cloudy as we set off from the Finca. We made two stops on the road to the east of Grazalema. At the first we found *Cistus laurifolius*, and *Lavandula stoechas* subsp. *stoechas* (French Lavender). We also noted Eurasian Jay and Eurasian Blue Tit. At the second we added *Teucrium fruticans* (Shrub Germander), *Cistus populifolius* (Poplar-leaved Cistus) and *Quercus faginea* (Beech-leaved Oak).

On the outskirts of Grazalema, we parked below the cliffs on the south side of the village. The plan was to explore the cliffs, rocky fields and broad road verges. *Anagyris foetida* (Bean Trefoil), the endemics *Centaurea clementei* (Clemente's Knapweed) and *Ornithogalum reverchonii* (a Star of Bethlehem) were early finds. Above the cliffs, a few Red-billed Chough were soaring. As we made our way towards the village, we added *Scrophularia sambucifolia* (Elder-leaved Figwort), *Narcissus papyraceus* (Paper-white Daffodil), *Ophrys tenthredinifera* (Sawfly Orchid) and *Cerintho major* var. *purpurescens* (Greater Honeywort). The boulder-strewn fields produced Blackcap, Serin, Spotless Starlings and Wren. From here, we went through Grazalema and on up over the Puerto de las Palomas (Pass of the Doves), where the cloud was too low for any good views, we carried on to the Mirador de

las Acebuches. Here, we found *Fritillaria lusitanica* (Portuguese Fritillary) and *Astragalus lusitanicus* (a Milk-vetch). We now carried on north, to the car park at the Garganta Verde, where we took our picnic lunch.

Our next stop was the village of Zahara de la Sierra, where we parked at the top of the town. Here, we found the endemic *Erodium torhyloides* (a Stork's-bill) and *Linaria platycalyx* (a Toadflax), also endemic. In the town centre, we enjoyed some refreshments. Whilst seated outside the cafe, we enjoyed the aerial displays of a pair of Lesser Kestrels.

The cliffs on the north side of the town produced *Campanula erinus* (Annual Bellflower) and *Hyoscyamus albus* (White Henbane), before setting off back towards Ronda.

On the outskirts, we made a short stop on the track leading to the Puerta de las Muelas. Here we found *Ophrys speculum* (Mirror Orchid), *Ophrys fusca* subsp. *fusca* (Sombre Bee Orchid), *Ophrys tenthredinifera* (Sawfly Orchid) and two spikes of emerging *Ophrys lutea* (Yellow Bee Orchid)

We now re-joined the vehicle for the journey back to the Finca, in time to pack before dinner.

Day 8

Wednesday 16th 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, to clear skies, and headed for Malaga Airport, making it in good time for our flights back to the UK and Holland.

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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		
FERNS & ALLIES		
Leptosporangiate Ferns		
True Ferns		
Aspleniaceae		
<i>Asplenium ceterach</i>	Spleenwort Family Rustyback	Sierra del Pinar
Polypodiaceae		
<i>Polypodium cambricum</i>	Polypody Family Southern Polypody Intermediate Polypody	Mirador del Guada Forestal The Hidden Valley
<i>Polypodium interjectum</i>		
Pteridaceae		
<i>Adiantum capillus-veneris</i>	Ribbon Fern Family Maidenhair Fern Scented Cheilanthes	Near El Chorro
<i>Cheilanthes pteridioides</i>		Mirador del Guada Forestal
GYMNOSPERMS		
CONIFERS		
Cupressaceae		
<i>Juniperus communis</i>	Juniper Family Juniper Phoenician Juniper	W of El Burgo
<i>Juniperus phoenicea</i> subsp. <i>phoenicea</i>		Mirador de las Embalsas
Pinaceae		
<i>Abies pinsapo</i>	Pine Family Spanish Fir Deodar Cedar Aleppo Pine Maritime Pine Stone or Umbrella Pine	Sierra del Pinar
[<i>Cedrus deodara</i>]		Sierra de las Nieves
<i>Pinus halepensis</i>		Sierra de las Nieves
<i>Pinus pinaster</i>		Sierra del Pinar
<i>Pinus pinea</i>		S of Grazalema
ANGIOSPERMS		
FLOWERING PLANTS		
Pre-dicots		
Primitive Angiosperms		
Aristolochiaceae		
<i>Aristolochia baetica</i>	Birthwort Family a Birthwort	Mirador del Guada Forestal
Eu-dicots		
True Dicotyledons		
Acanthaceae		
<i>Acanthus mollis</i>	Bear's-breech Family Bear's-breech	Near El Chorro
Anacardiaceae		
<i>Pistacia lentiscus</i>	Sumach Family Mastic Bush	Garganta Verde

Scientific name	Common name	Location
Apiaceae	Carrot Family	
<i>Berula erecta</i>	Lesser Water-parsnip	Near El Chorro
<i>Bupleurum fruticosum</i>	Shrubby Hare's-ear	Mirador de las Embalsas
<i>Bupleurum spinosum</i>	Spiny Hare's-ear	Sierra del Pinar
<i>Conium maculatum</i>	Hemlock	E of Grazalema
<i>Ferula communis</i>	Giant Fennel	Tajo del Molina
<i>Foeniculum vulgare</i>	Fennel	Near El Chorro
<i>Scandix pecten-veneris</i>	Shepherd's Needle	E of the Puerto del Viento
<i>Smyrniolum olusatrum</i>	Alexanders	Mirador del Guada Forestal
<i>Thapsia garganica</i>	Thapsia	El Torcal
Apocynaceae	Periwinkle Family	
<i>Nerium oleander</i>	Oleander	Tajo del Molina
<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
Bignoniaceae	Bignonia Family	
[<i>Catalpa bignonioides</i>]	Indian Bean Tree	Puerto de las Muelas
Boraginaceae	Forget-me-not Family	
<i>Borago officinalis</i>	Borage	Near El Chorro
<i>Cerinthe major</i> var. <i>purpurescens</i>	Greater Honeywort	Below Grazalema
<i>Cynoglossum clandestinum</i>	a Hound's-tongue	Las Mezas
<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>Nonea vesicaria</i>	Nonea	Laguna Dulce
<i>Pardoglossum (Cynoglossum) cheirifolium</i>	a Hound's-tongue	Mirador del Guada Forestal
Brassicaceae	Cabbage Family	
<i>Biscutella frutescens</i> *	-	E of Puerto del Viento (leaves)
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	Mirador del Guada Forestal
<i>Clypeola jonthlaspi</i>	Clypeola	E of Grazalema
<i>Descurainia sophia</i>	Flixweed	Laguna Dulce
<i>Draba hispanica</i>	Spanish Whitlow-grass	Sierra del Pinar
<i>Eruca vesicaria</i>	Rocket	Finca la Guzmaná
<i>Hornungia petraea</i>	Hutchinsia	El Torcal
<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	Mirador del Guada Forestal
<i>Moricandia moricandioides</i>	Purple Cabbage	Ronda
<i>Sinapis alba</i>	White Mustard	Zahara de la Sierra
<i>Sinapis arvensis</i>	Charlock	Below Grazalema
<i>Sisymbrium irio</i>	London Rocket	Laguna Dulce
Cactaceae	Cactus Family	
[<i>Opuntia ficus-indica</i>]	Barbary Fig or Prickly Pear	Commonly naturalised

Scientific name	Common name	Location
Campanulaceae	Bellflower Family	
<i>Campanula erinus</i>	Annual Bellflower	Zahara de la Sierra
<i>Campanula mollis</i>	a Bellflower	Zahara de la Sierra (leaves)
Caprifoliaceae	Honeysuckle Family	
<i>Centranthus calcitrapa</i>	Annual Valerian	Ronda
<i>Fedia comucopiae</i>	Fedia	Las Mezas
Caryophyllaceae	Pink Family	
<i>Arenaria tetraquetra</i>	Spanish Sandwort	Sierra de las Nieves (leaves)
<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	E of Grazalema
<i>Silene colorata</i>	a Catchfly	Finca la Guzmaná
<i>Silene gallica</i>	Small-flowered Catchfly	E of Grazalema
<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	E of Grazalema
<i>Fumana ericoides</i>	-	Mirador de las Embalsas
<i>Helianthemum origanifolium</i>	Marjoram-leaved Rock-rose	Sierra del Pinar
<i>Tuberaria echioides</i>	a Spotted Rock-rose	Puerta de las Muelas
<i>Tuberaria guttata</i>	Spotted Rock-rose	Mirador de las Embalsas
Compositae (Asteraceae)	Daisy Family	
<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 Dulce
<i>Carduus pycnocephalus</i>	Plymouth Thistle	Laguna Dulce
<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	Near Tajo del Molina
<i>Glebionis segetum</i>	Corn Marigold	Tajo del Molina
<i>Hyoseris radiata</i>	Hyoseris	Pileta
<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>Senecio vulgare</i>	Groundsel	Mirador del Guada Forestal
<i>Silybum marianum</i>	Milk Thistle	Hidden Valley
<i>Sonchus asper</i>	Prickly Sow-thistle	Near El Chorro
<i>Sonchus oleraceus</i>	Smooth Sow-thistle	Mirador del Guada Forestal

Scientific name	Common name	Location
Convolvulaceae		
<i>Convolvulus althaeoides</i>	Mallow-leaved Bindweed	Near El Chorro
<i>Cuscuta epithymum</i>	Dodder	Mirador de las Embalsas
Crassulaceae		
[<i>Aeonium arboreum</i>]	Tree Aeonium	Zahara de la Sierra
<i>Crassula tilaea</i>	Mossy Stonecrop	Laguna Dulce
<i>Sedum album</i>	White Stonecrop	Mirador del Guada Forestal
<i>Sedum brevifolium</i>	Short-leaved Stonecrop	Sierra del Pinar
<i>Sedum sediforme</i>	Large Stonecrop	Mirador del Guada Forestal
<i>Umbilicus rupestris</i>	Navelwort	Mirador del Guada Forestal
Cucurbitaceae		
<i>Bryonia dioica</i>	White Bryony	E of Grazalema
<i>Ecballium elaterium</i>	Squirting Cucumber	Roadsides
Euphorbiaceae		
<i>Euphorbia characias</i> subsp. <i>characias</i>	Large Mediterranean Spurge	El Torcal
<i>Euphorbia helioscopia</i>	Sun Spurge	Sierra del Pinar
<i>Euphorbia nicaeensis</i>	-	Puerto de las Muelas
<i>Euphorbia peplus</i>	Petty Spurge	Pileta
<i>Euphorbia sulcata</i>	-	Tajo del Molino
<i>Mercurialis annuus</i>	Annual Mercury	E of Puerto del Viento
[<i>Ricinus communis</i>]	Castor Oil Plant	Roadsides
Fagaceae		
<i>Quercus coccifera</i>	Kermes Oak	E of Grazalema
<i>Quercus faginea</i>	-	E of Grazalema
<i>Quercus ilex</i>	Holm oak	E of Grazalema
<i>Quercus suber</i>	Cork Oak	E of Grazalema
Geraniaceae		
<i>Erodium cicutarium</i>	Common Stork's-bill	Sierra del Pinar
<i>Erodium malacoides</i>	Mallow-leaved Stork's-bill	Mirador del Guada Forestal
<i>Erodium moschatum</i>	Musk Stork's-bill	Las Mezas
<i>Erodium primulaeum</i>	a Stork's-bill	E of Grazalema
<i>Erodium recoderi</i> *	a Stork's-bill	El Torcal
<i>Erodium tordylioides</i> *	a Stork's-bill	Zahara de la Sierra
<i>Geranium lucidum</i>	Shiny Crane's-bill	El Torcal (leaves)
<i>Geranium molle</i>	Dove's-foot Crane's-bill	E of Grazalema
<i>Geranium purpureum</i>	Little Robin	Near El Chorro
<i>Geranium pyrenaicum</i>	Hedgerow Crane's-bill	Laguna Dulce
Lamiaceae		
<i>Ballota pseudodictamnus</i>	Garden Horehound	Mirador del Guada Forestal
<i>Lamium amplexicaule</i>	Henbit Deadnettle	E of Puerto del Viento
<i>Lavandula lanata</i> *	Woolly Lavender	Sierra de las Nieves
<i>Lavandula stoechas</i> subsp. <i>stoechas</i>	French Lavender	E of Grazalema
<i>Marrubium vulgare</i>	White Horehound	Sierra del Pinar
<i>Mentha x verticillata</i>	Apple Mint	Near El Chorro
<i>Phlomis lychnitis</i>	-	Mirador del Guada Forestal (leaves)
<i>Phlomis purpurea</i>	Purple Phlomis	Mirador del Guada Forestal

Scientific name	Common name	Location
<i>Rosmarinus officinalis</i>	Rosemary	Mirador de las Embalsas
<i>Salvia argentea</i>	Silver Sage	Sierra de las Nieves
<i>Salvia verbenaca</i>	Wild Clary	E of 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	Below Grazalema
<i>Anthyllis cystoides</i>	Shrub Kidney-vetch	Mirador de las Embalsas
<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	Garganta Verde
[<i>Cercis siliquastrum</i>]	Judas Tree	Grazalema
<i>Cytisus baeticus</i>	-	Hidden Valley
<i>Hippocrepis scabra</i>	-	Hidden Valley
<i>Lathyrus clymenum</i>	-	Hidden Valley
<i>Lotus tetragonolobus</i> (<i>Tetragonolobus purpureus</i>)	Asparagus Pea	Below Grazalema
<i>Medicago polymorpha</i>	Toothed medick	Garganta Verde
<i>Retama</i> (<i>Lygos</i>) <i>monosperma</i>	Bridal Veil Broom	Sierra del Pinar
<i>Retama</i> (<i>Lygos</i>) <i>sphaerocarpa</i>	-	E of Grazalema (leaves)
<i>Spartium junceum</i>	Spanish Broom	Common
<i>Tripodion tetraphyllum</i> (<i>Anthyllis tetraphylla</i>)	Bladder Vetch	Hidden Valley
<i>Ulex</i> (<i>Stauracanthus</i>) <i>bovinii</i>	-	Serra del Pinar
<i>Ulex parviflorus</i>	Small-flowered Gorse	Common
[<i>Vicia faba</i>]	Broad Bean	Below Grazalema
<i>Vicia lutea</i>	Yellow Vetch	Near El Chorro
Malvaceae	Mallow Family	
<i>Malva sylvestris</i>	Common Mallow	Roadsides
Moraceae	Fig Family	
<i>Ficus carica</i>	Fig	Ronda
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>Myrtus communis</i>	Myrtle	Garganta Verde
Oleaceae	Olive Family	
<i>Fraxinus angustifolia</i>	Narrow-leaved Ash	Between El Burgo & Ardales
<i>Jasminum fruticans</i>	Jasmine	Pileta (leaves)
<i>Olea europaea</i>	Wild Olive	Mirador del Guada Forestal
Oxalidaceae	Wood-sorrel Family	
[<i>Oxalis pes-caprae</i>]	Bermuda Buttercup	Common
Paeoniaceae	Peony Family	
<i>Paeonia broteri</i>	a Peony	E of Puerto del Viento

Scientific name	Common name	Location
Papaveraceae	Poppy Family	
<i>Fumaria muralis</i>	Common Ramping Fumitory	Mirador del Guada Forestal
<i>Fumaria officinalis</i>	Common Fumitory	E of Grazalema
<i>Papaver dubium</i>	Long-headed Poppy	Near El Chorro
<i>Papaver rhœas</i>	Common Poppy	E of Grazalema
<i>Platycapnos spicatus</i>	-	Laguna Dulce
<i>Rupicapnos africana</i>	-	Mirador de las Embalsas
Plantaginaceae	Plantain Family	
<i>Antirrhinum barrelieri</i>	a Snapdragon	Ronda
<i>Antirrhinum graniticum</i>	a Snapdragon	Tajo del Molina
<i>Chaenorhinum villosum</i>	-	Mirador de las Embalsas
<i>Linaria aeruginea*</i>	a Toadflax	Below Cerro Tavizna
<i>Linaria anticaria*</i>	a Toadflax	El Torcal (leaves)
<i>Linaria platycalyx*</i>	a Toadflax	Zahara de la Sierra
<i>Linaria tristis</i>	a Toadflax	Hidden Valley
<i>Misopates orontium</i>	Weasel-snout	Mirador de las Embalsas
<i>Veronica cymbalaria</i>	White Speedwell	Sierra del Pinar
Polygalaceae	Milkwort Family	
<i>Polygala rupestris</i>	Rock Milkwort	Near El Chorro
Polygonaceae	Dock Family	
<i>Rumex bucephaloflorus</i>	Horned Dock	E of Grazalema
<i>Rumex scutatus</i>	French or Shield Dock	El Torcal
Primulaceae	Primrose Family	
<i>Anagallis arvensis (Red & Blue)</i>	Scarlet Pimpernel	Las Mezas
<i>Samolus valerandi</i>	Brookweed	Near El Chorro
Punicaceae	Pomegranate Family	
[<i>Punica granatum</i>]	Pomegranate	Near El Chorro
Ranunculaceae	Buttercup Family	
<i>Clematis cirrhosa</i>	Virgin's Bower	Mirador del Guada Forestal
<i>Ficaria verna</i> subsp. <i>ficariiformis</i>	Lesser Celandine	Sierra de las Nieves
<i>Helleborus foetidus</i>	Stinking Hellebore	Sierra de las Nieves
<i>Ranunculus spicatus</i> subsp. <i>blepharicarpos</i>	a Buttercup	Mirador de las Embalsas
Resedaceae	Mignonette Family	
<i>Reseda alba</i>	White Mignonette	Mear El Chorro
<i>Reseda phyteuma</i>	Corn Mignonette	Puerto de las Muelas
<i>Reseda suffruticosa</i>	a Mignonette	Mear El Chorro
Rosaceae	Rose Family	
<i>Crataegus monogyna</i>	Hawthorn	Sierra de las Nieves
<i>Prunus avium</i>	Wild Cherry	E of Grazalema
[<i>Prunus dulcis</i>]	Almond	Below Cerro Tavizna
<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

Scientific name	Common name	Location
Rubiaceae	Bedstraw Family	
<i>Galium aparine</i>	Cleavers	E of Puerto del Viento
<i>Galium verrucosum</i>	-	Below Grazalema
<i>Rubia peregriana</i>	Wild Madder	Sierra del Pinar
<i>Sherardia arvensis</i>	Field Madder	Garganta Verde
Rutaceae	Rue Family	
[<i>Citrus aurantium</i>]	Bitter Orange	Cultivated
[<i>Citrus limon</i>]	Lemon	Cultivated
[<i>Citrus sinensis</i>]	Orange	Cultivated
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 biternata</i> *	El Torcal Saxifrage	El Torcal (leaves)
<i>Saxifraga bourgaeana</i> *	a Saxifrage	Hidden Valley
<i>Saxifraga granulata</i>	Meadow Saxifrage	Below Cerro Tavizna
Scrophulariaceae	Figwort Family	
<i>Scrophularia sambucifolia</i>	Elder-leaved Figwort	Hidden Valley
<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	Zahara de la Sierra
<i>Mandragora autumnalis</i>	Mandrake	Laguna Dulce
<i>Nicotiana glauca</i>	Shrub Tobacco	Ardales
<i>Solanum nigrum</i>	Black Nightshade	Near El Chorro
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
<i>Urtica urens</i>	Small Nettle	Las Mezas
Violaceae	Violet Family	
<i>Viola demetria</i>	-	Sierra del Pinar

Scientific name	Common name	Location
Monocots		
Amaryllidaceae		
<i>Allium ampeloprasum</i>	Wild Leek	Mirador del Guada Forestal
<i>Allium triquetrum</i>	Three-cornered Leek	Below Grazalema
<i>Narcissus assoanus</i> (<i>N. requienii</i>)	Rush-leaved Jonquil	Sierra de las Nieves
<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		
<i>Arisarum vulgare</i>	Friar's Cowl	El Torcal (leaves)
Arecaceae		
<i>Chamærops humilis</i>	Dwarf Fan Palm	Garganta Verde
Asparagaceae		
[<i>Agave americana</i>]	Century Plant	Naturalised
<i>Asparagus acutifolius</i>	Sharp-leaved Asparagus	Sierra de las Nieves
<i>Asparagus albus</i>	White-stemmed Asparagus	Mirador del Guada Forestal
<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	Hidden Valley
<i>Muscari neglectum</i>	Grape Hyacinth	Finca la Guzmaná
<i>Ornithogalum baeticum</i>	a Star of Bethlehem	Hidden Valley
<i>Ornithogalum reverchonii</i> *	a Star of Bethlehem	Hidden Valley
<i>Ruscus aculeatus</i>	Butcher's Broom	Mirador del Guada Forestal
Dioscoreaceae		
<i>Dioscorea (Tamus) communis</i>	Black Bryony	Mirador del Guada Forestal
Iridaceae		
<i>Iris foetidissima</i>	Stinking Iris	El Torcal
<i>Iris planifolia</i>	Broad-leaved Iris	E of Puerto del Viento
<i>Moraea sisyrrinchium</i>	Barbary Nut	Hidden Valley
<i>Romulea bulbocodium</i>	a Sand Crocus	Sierra del Pinar
Juncaeae		
<i>Scirpoides holoschoenus</i>	Round-headed Clubrush	E of Puerto del Viento
Liliaceae		
<i>Fritillaria lusitanica</i>	Portuguese Fritillary	Mirador de las Acebuches
<i>Gagea foliosa</i>	a Yellow Star of Bethlehem	Sierra de las Nieves
<i>Gagea lacaitae</i>	a Yellow Star of Bethlehem	Mirador de las Embalsas
Orchidaceae		
<i>Himantoglossum robertianum</i>	Giant Orchid	Las Mezas
<i>Neotinea tridentata</i> subsp. <i>conica</i> (<i>Orchis conica</i>)	a Toothed Orchid	Sierra de las Nieves
<i>Ophrys fusca</i> subsp. <i>fusca</i>	Sombre Bee Orchid	Garganta Verde

Scientific name	Common name	Location
<i>Ophrys lutea</i>	Yellow Bee Orchid	Puerto de las Muelas
<i>Ophrys speculum</i>	Mirror Orchid	Las Mezas
<i>Ophrys tenthredinifera</i>	Sawfly Orchid	El Torcal
<i>Orchis anthropophora</i>	Man Orchid	Mirador de las Embalsas
<i>Orchis olbiensis</i>	an Early Purple Orchid	Sierra del Pinar
Poaceae		
<i>Anisantha diandra</i>	Great Brome	Laguna Dulce
<i>Arundo donax</i>	Giant Reed	Near El Chorro
<i>Cynosurus echinatus</i>	Rough Dog's-tail	Near El Chorro
<i>Hordeum murinum</i>	Wall Barley	Laguna Dulce
<i>Hyparrhenia hirta</i>	-	Zahara de la Sierra
<i>Lagurus ovatus</i>	Hare's-tail Grass	Puerto de las Muelas
<i>Lamarckia aurea</i>	Lamarck's Golden Grass	Pileta
<i>Phragmites australis</i>	Common Reed	W of Ronda
<i>Poa annua</i>	Annual Meadow Grass	Finca la Guzmana
Smilacaceae		
<i>Smilax aspera</i>	Common Smilax	Sierra del Pinar
Xanthorrhoeaceae		
<i>Asphodelus aestivus</i>	Common Asphodel	Las Mezas
<i>Asphodelus albus</i>	White Asphodel	Sierra del Pinar
<i>Asphodelus fistulosus</i>	Small Asphodel	Tajo del Molino

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

	Common name	Scientific name	March							
			9	10	11	12	13	14	15	16
1	Mallard	<i>Anas platyrhynchos</i>								✓
2	White Stork	<i>Ciconia ciconia</i>							✓	
3	Grey Heron	<i>Ardea cinerea</i>			✓					✓
4	Little Egret	<i>Egretta garzetta</i>	✓		✓		✓			
5	Great Cormorant	<i>Phalacrocorax carbo</i>			✓					
6	Griffon Vulture	<i>Gyps fulvus</i>	✓	✓	✓		✓	✓	✓	
7	Short-toed Snake Eagle	<i>Circaetus gallicus</i>			✓			✓		
8	Common Buzzard	<i>Buteo buteo</i>							✓	
9	Common Snipe	<i>Gallinago gallinago</i>			✓					
10	Yellow-legged Gull	<i>Larus michahellis</i>	✓							
11	Rock Dove	<i>Columba livia</i>					✓			
12	Rock Dove [Feral]	<i>Columba livia feral</i>	✓	✓	✓	✓	✓	✓	✓	✓
13	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	✓	✓	✓	✓	✓	✓	✓	✓
14	Eurasian Hoopoe	<i>Upupa epops</i>								H
15	Great Spotted Woodpecker	<i>Dendrocopos major</i>		✓		H				
16	European Green Woodpecker	<i>Picus viridis</i>							H	
17	Lesser Kestrel	<i>Falco naumanni</i>		✓						✓
18	Common Kestrel	<i>Falco tinnunculus</i>	✓				✓	✓		
19	Peregrine Falcon	<i>Falco peregrinus</i>			✓					
20	Woodchat Shrike	<i>Lanius senator</i>		✓						
21	Eurasian Jay	<i>Garrulus glandarius</i>		✓		✓			✓	
22	Eurasian Magpie	<i>Pica pica</i>								✓

	Common name	Scientific name	March								
			9	10	11	12	13	14	15	16	
23	Red-billed Chough	<i>Pyrhcorax pyrrhcorax</i>		✓	✓	✓			✓	✓	
24	Northern Raven	<i>Corvus corax</i>		✓					✓		
25	Great Tit	<i>Parus major</i>		✓	✓	✓	✓	✓	✓	✓	
26	Eurasian Blue Tit	<i>Cyanistes caeruleus</i>		H	✓		✓	✓	✓		
27	Crested Lark	<i>Galerida cristata</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
28	Sand Martin	<i>Riparia riparia</i>	✓								
29	Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓		✓	✓			
30	Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>			✓	✓		✓			
31	Common House Martin	<i>Delichon urbicum</i>	✓		✓	✓	✓	✓	✓	✓	✓
32	Cetti's Warbler	<i>Cettia cetti</i>					H				
33	Common Chiffchaff	<i>Phylloscopus collybita</i>				✓					
34	Eurasian Blackcap	<i>Sylvia atricapilla</i>				LO	✓			✓	
35	Sardinian Warbler	<i>Sylvia melanocephala</i>						✓			
36	Eurasian Wren	<i>Troglodytes troglodytes</i>		✓				H	H		
37	Spotless Starling	<i>Sturnus unicolor</i>	✓	✓	✓	✓	✓	✓	✓		
38	Common Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
39	Song Thrush	<i>Turdus philomelos</i>				✓				✓	
40	Mistle Thrush	<i>Turdus viscivorus</i>		✓							
41	European Robin	<i>Erithacus rubecula</i>	✓				✓				
42	Black Redstart	<i>Phoenicurus ochruros</i>		✓	✓	✓	✓	✓	✓	✓	
43	Whinchat	<i>Saxicola rubetra</i>					✓				
44	European Stonechat	<i>Saxicola rubicola</i>		✓	✓	✓	✓	✓			
45	Black Wheatear	<i>Oenanthe leucura</i>						✓			
46	Blue Rock Thrush	<i>Monticola solitarius</i>					✓	✓			
47	House Sparrow	<i>Passer domesticus</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
48	Yellow (Blue-headed) Wagtail	<i>Motacilla flava iberiae</i>				✓					
49	White Wagtail	<i>Motacilla alba</i>	✓	✓	✓	✓	✓	✓	✓	✓	
50	Common Chaffinch	<i>Fringilla coelebs</i>		✓	✓	✓	✓	✓	✓	✓	
51	European Serin	<i>Serinus serinus</i>			✓	✓	✓	✓	✓	✓	
52	European Greenfinch	<i>Chloris chloris</i>		✓		✓	H	H	H		
53	Eurasian Siskin	<i>Spinus spinus</i>				LO					
54	European Goldfinch	<i>Carduelis carduelis</i>		✓	✓	✓	✓	✓	✓	✓	
55	Corn Bunting	<i>Emberiza calandra</i>		✓			✓		✓		
56	Rock Bunting	<i>Emberiza cia</i>					✓	✓			

Mammals (D = Dead)

1	Greater Mouse-eared Bat	<i>Myotis myotis</i>				✓	✓	✓			
2	Spanish Ibex	<i>Capra pyrenaica</i>		✓	✓		✓	✓	✓		
3	Brown Hare	<i>Lepus europaeus</i>					D				

Amphibians & Reptiles

1	Iberian Wall Lizard	<i>Podarcis hispanica</i>			✓		✓	✓			
2	Large Psammodromus	<i>Psammodromus algirus</i>		✓							
3	European Pond Terrapin	<i>Emys orbicularis</i>					✓				

Butterflies

1	Spanish Festoon	<i>Zerynthia rumina</i>			✓		✓	✓			
2	Large White	<i>Pieris brassicae</i>	✓		✓		✓	✓			
3	Small White	<i>Pieris rapae</i>			✓		✓	✓			

	Common name	Scientific name	March							
			9	10	11	12	13	14	15	16
4	Western Dappled White	<i>Euchloe crameri</i>			✓		✓	✓		
5	Clouded Yellow	<i>Colias crocea</i>						✓		
6	Cleopatra	<i>Gonepteryx cleopatra</i>					✓	✓		
7	Provence Hairstreak	<i>Tomares ballus</i>						✓		
8	Small Copper	<i>Lycaena phlaeas</i>						✓		
9	Black-eyed Blue	<i>Glaucopsyche melanops algerica</i>		✓	✓					
10	Large Tortoiseshell	<i>Nymphalis polychloros</i>		✓				✓		
11	Red Admiral	<i>Vanessa atalanta</i>			✓			✓		
12	Painted Lady	<i>Vanessa cardui</i>				✓	✓	✓		
13	Small Heath	<i>Coenonympha pamphilus</i>						✓		
14	Wall Brown	<i>Lasiommata megera</i>		✓	✓	✓	✓			

Moths (B = bivouac)

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

Other Invertebrates (N=nest)

1	a Ground Bug	<i>Lygaeus</i> sp.			✓					
2	Wood Ant	<i>Formica rufa</i>			✓			✓		
3	European Paper Wasp	<i>Polistes gallicus</i>						✓	N	
4	Honey Bee	<i>Apis mellifera</i>			✓		✓			
5	Buff-tailed Bumble Bee	<i>Bombus terrestris</i>				✓	✓	✓		
6	Dor Beetle	<i>Geotrupes ster</i>		✓				✓		
7	a Chafer	<i>Tropinota squalida</i>		✓						
8	7 Spot Ladybird	<i>Coccinella 7-punctata</i>						✓		
9	Oil Beetle	<i>Meloe proscarabaeus</i>			✓					

Gastropods

1	a Slug	<i>Drusia valenciennii</i>								✓
2	El Torcal' Snail	<i>Iberus gualtieranus rositai</i>					✓			



Orchis conica



Viola demetria