

WILDLIFE TRAVEL

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EXTREMADURA

Wild flowers and natural history

18th-26th April 2009

TRIP REPORT

#	DATE	ITINERARY, LOCATIONS & NOTES
1	18 th April	Arrival. Madrid -> Almaraz -> Arrocampo Reservoir -> Pasaron de la Vera
2	19 th April	Pasaron de la Vera -> Losar de la Vera: visit goat herd's house -> Garganta de Cuartos
3	20 th April	Pasaron de la Vera -> Monfrague: different stops within the National Park, including Villareal de San Carlos, climbing to the castle; cliff at Salto del Gitano; Tajadilla; La Bascula; Portilla del Tietar -> Santa Marta
4	21 st April	Santa Marta -> Caceres -> Trujillo -> Santa Marta
5	22 nd April	Santa Marta -> Belen plains -> Torrecillas de las Tiesas: walkin in a dehesa farm, reservoir, Rio Tozo -> west towards Santa Marta de Magasca -> north crossing Rio Magasca -> south to Santa Marta de Magasca, crossing Rio Tamuja -> Santa Marta
6	23 rd April	Santa Marta -> Guadalupe, travelling through Zorita, Logrosan and Canamero. Trip to the Hermitage del Humulladero and Pico Villuercas.
7	24 th April	Guadalupe -> Valle de Viejas -> Navazuelas -> Cabanas del Castillo -> Canamero -> Santa Marta
8	25 th April	Botanical trip: Hermitage Santa Catalina, Castano del Abuelo
9	26 th April	Travelling: Puente del Arzobispo -> Madrid Barajas Airport Return to UK

Guides

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Leader

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Travellers

Shelagh Andrews, Birmingham
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Liz Blackman, Sale, Manchester
Jan Dawson, Leicester
George Everett, Queluz, Portugal
Jenny Harris, Leicester
Dr Heribert Hofer and Dr Marion East, Berlin, Germany
Joyce and Ken Price, Richmond, Surrey
Pauline Topham, Dundee
Barbara Tulloch, Dundee

BIRDS

	ENGLISH NAME	LATIN NAME	18th	19th	20th	21st	22nd	23rd	24th	25th	26th
Family Podicipedidae (Grebes)											
	Great Crested Grebe	<i>Podiceps cristatus</i>	X				X				
	Little Grebe	<i>Tachybaptus ruficollis</i>					X				
Family Phalacrocoracidae (Cormorants)											
	Cormorant	<i>Phalacrocorax carbo</i>	X		X						
Family Ardeidae (Herons)											
	Little Bittern	<i>Ixobrychus minutus</i>	X								
	Night Heron	<i>Nycticorax nycticorax</i>	X								
	Squacco Heron	<i>Ardeola rolloides</i>	X								
	Cattle Egret	<i>Bubulcus ibis</i>	X		X	X	X	X			X
	Little Egret	<i>Egretta garzetta</i>					X				
	Great White Egret	<i>Egretta alba</i>	X								
	Grey Heron	<i>Ardea cinerea</i>	X				X			X	
	Purple Heron	<i>Ardea purpurea</i>	X								
Family Ciconiidae (Storks)											
	White Stork	<i>Ciconia ciconia</i>	X	X	X	X	X	X	X	X	X
	Black Stork	<i>Ciconia nigra</i>			X						
Family Threskiornithidae (Ibises and Spoonbills)											
	Spoonbill	<i>Platalea leucorodia</i>					X				
Family Anatidae (Ducks, Geese and Swans)											
	Mallard	<i>Anas platyrhynchos</i>	X				X				
	Gadwall	<i>Anas strepera</i>	X				X				
Family Accipitridae (Hawks, Eagles and Vultures)											
	Black-winged Kite	<i>Elanus caeruleus</i>	X			X					
	Black Kite	<i>Milvus migrans</i>	X	X	X	X	X	X	X	X	
	Red Kite	<i>Milvus milvus</i>	X				X	X			X
	Montagu's Harrier	<i>Circus pygargus</i>						X			
	Marsh Harrier	<i>Circus aeruginosus</i>	X								
	Sparrowhawk	<i>Accipiter nisus</i>			X						
	Egyptian Vulture	<i>Neophron percnopterus</i>			X		X	X	X		
	Griffon Vulture	<i>Gyps fulvus</i>	X		X	X	X	X	X		
	Black Vulture	<i>Aegypius monachus</i>			X		X	X			
	Common Buzzard	<i>Buteo buteo</i>	X				X				
	Short-toed Eagle	<i>Circaetus gallicus</i>			X		X		X		
	Golden Eagle	<i>Aquila chrysaetos</i>		X			X				
	Spanish Imperial Eagle	<i>Aquila adalberti</i>			X						
	Bonelli's Eagle	<i>Aquila fasciata</i>					X				
	Booted Eagle	<i>Aquila pennata</i>		X	X		X				
Family Falconidae (Falcons)											
	Lesser Kestrel	<i>Falco naumanni</i>	X			X	X	X	X	X	X
	Kestrel	<i>Falco tinnunculus</i>	X		X		X	X	X		X
	Peregrine	<i>Falco peregrinus</i>							X		
Family Phasianidae (Pheasants and Partridges)											
	Red-legged Partridge	<i>Alectoris rufa</i>		X			X				
Family Rallidae (Rails and Crakes)											
	Water Rail	<i>Rallus aquaticus</i>	H								
	Purple Swamp-hen	<i>Porphyrio porphyrio</i>	X								
	Moorhen	<i>Gallinula chloropus</i>	X								
	Coot	<i>Fulica atra</i>	X				X				

	ENGLISH NAME	LATIN NAME	18th	19th	20th	21st	22nd	23rd	24th	25th	26th
Family Otidae (Bustards)											
	Little Bustard	<i>Tetrax tetrax</i>					X				
	Great Bustard	<i>Otis tarda</i>					X				
Family Burhinidae (Stone-curlews)											
	Stone Curlew	<i>Burhinus oedicnemus</i>					X				
Family Recurvirostridae (Stilts and Avocets)											
	Black-winged Stilt	<i>Himantopus himantopus</i>	X		X		X				
Family Scolopacidae (Sandpipers)											
	Greenshank	<i>Tringa nebularia</i>					X				
Family Sternidae (Terns)											
	Gull-billed Tern	<i>Gelochelidon nilotica</i>	X								
Family Columbidae (Pigeons and Doves)											
	Rock Dove/Feral Pigeon	<i>Columba livia</i>	X	X	X	X	X	X	X	X	X
	Woodpigeon	<i>Columba palumbus</i>			X		X				X
	Collared Dove	<i>Streptopelia decaocto</i>	X	X	X	X	X	X	X	X	X
Family Cuculidae (Cuckoos)											
	Great Spotted Cuckoo	<i>Clamator glandarius</i>					X				
	Cuckoo	<i>Cuculus canorus</i>		X	X	H	H	H			
Family Strigidae (Owls)											
	Little Owl	<i>Athene noctua</i>					X				
	Scops Owl	<i>Otus scops</i>			H	H	H				
Family Apodidae (Swifts)											
	Swift	<i>Apus apus</i>	X	X	X	X	X	X	X	X	X
	Pallid Swift	<i>Apus pallidus</i>	X			X	X				
	Alpine Swift	<i>Apus melba</i>			X				X		
Family Upupidae (Hoopoes)											
	Hoopoe	<i>Upupa epops</i>	X	X	X	X	X	X			
Family Alcedinidae (Kingfishers)											
	Kingfisher	<i>Alcedo atthis</i>	X				X				
Family Meropidae (Bee-eaters)											
	Bee-eater	<i>Merops apiaster</i>	X	X	X	X	X	X	X		
Family Coraciidae (Rollers)											
	Roller	<i>Coracias garrulus</i>					X				
Family Alaudidae (Larks)											
	Calandra Lark	<i>Melancocorypha calandra</i>					X				
	Short-toed Lark	<i>Calandrella brachydactyla</i>					X				
	Crested Lark	<i>Galerida cristata</i>	X		X		X				
	Thekla Lark	<i>Galerida theklae</i>			X		X				
	Woodlark	<i>Lullula arborea</i>			X		X			X	
Family Hirundinidae (Swallows and Martins)											
	Sand Martin	<i>Riparia riparia</i>	X					X			
	Crag Martin	<i>Ptyonoprogne rupestris</i>			X		X	X	X		
	Red-rumped Swallow	<i>Hirundo daurica</i>	X	X	X	X	X	X	X	X	X
	Swallow	<i>Hirundo rustica</i>	X	X	X	X	X	X	X	X	X
	House Martin	<i>Delichon urbica</i>	X	X	X	X	X	X	X	X	X
Family Motacillidae (Wagtails and Pipits)											
	White Wagtail	<i>Motacilla (alba) alba</i>		X				X	X		
	Grey Wagtail	<i>Motacilla cinerea</i>		X							
Family Cinclidae (Dippers)											
	Dipper	<i>Cinclus cinclus</i>		X							
Family Troglodytidae (Wrens)											
	Wren	<i>Troglodytes troglodytes</i>		X	X			X	X	X	

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Family Passeridae (Sparrows)											
	House Sparrow	<i>Passer domesticus</i>	X		X	X	X	X	X	X	
	Spanish Sparrow	<i>Passer hispaniolensis</i>	X		X		X				
	Rock Sparrow	<i>Petronia petronia</i>			X						
Family Fringillidae (Finches)											
	Chaffinch	<i>Fringilla coelebs</i>		X	X	X	X	X	X	X	
	Serin	<i>Serinus serinus</i>	X	X	X	X	X	X	X		
	Linnet	<i>Carduelis cannabina</i>				X		X			
	Goldfinch	<i>Carduelis carduelis</i>	X	X	X	X	X	X	X	X	X
	Greenfinch	<i>Carduelis chloris</i>		X	X	X	X	X	X	X	
	Hawfinch	<i>Coccothraustes coccothraustes</i>							X		
Family Emberizidae (Buntings)											
	Rock Bunting	<i>Emberiza cia</i>			X						
	Corn Bunting	<i>Miliaria calandra</i>	X	X	X	X	X	X	X		

MAMMALS & HERPTILES

	ENGLISH NAME	LATIN NAME	18th	19th	20th	21st	22nd	23rd	24th	25th	26th
MAMMALS											
	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>						H	H		
	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>			H	H					
	Iberian Hare	<i>Lepus granatensis</i>					X				
	European Rabbit	<i>Oryctolagus cuniculus</i>								X	
	Red Fox	<i>Vulpes vulpes</i>					X			X	
	Beech Marten (= Stone Marten)	<i>Martes foina</i>		d							
	Otter	<i>Lutra lutra</i>					d				
	Red Deer	<i>Cervus elaphus</i>			X						
	Roe Deer	<i>Capreolus capreolus</i>								d	
LIVESTOCK											
	Merino Sheep				X	X	X				X
	Retinta Cow	native breed, dark red, beef cattle			X	X	X				
	Avilena Cow	black colour		X	X						
	Iberian Pig	native breed, black colour			X	X	X				
	Vereta Goat	native breed, meat, milk & cheese		X							
	horses, donkeys			X	X	X	X	X			
AMPHIBIANS											
	Stripeless Tree Frog	<i>Hyla meridionalis</i>					X				
	Iberian Pool Frog	<i>Rana perezi</i>		X							
REPTILES											
	Spanish Terrapin	<i>Mauremys leprosa</i>					X				
	Moorish Gecko	<i>Tarentola mauritanica</i>							X		
	Large Psammmodromus	<i>Psammmodromus algirus</i>		X						X	
	Spanish Psammmodromus	<i>Psammmodromus hispanicus</i>						X			
	Schreiber's Green Lizard	<i>Lacerta schreiberi</i>							X*		
	Spanish Wall Lizard	<i>Podarcis hispanica</i>						X			

	ENGLISH NAME	LATIN NAME	La Vera 18 th & 19 th	Trujillo 20 th -22 nd	Villuercas 23 rd -25 th
BUTTERFLIES					
Family Papilionidae (Swallowtails)					
	Swallowtail	<i>Papilio machaon</i>		X	
	Spanish Swallowtail	<i>Iphiclides feisthamelii</i>	X		X
	Spanish Festoon	<i>Zerynthia rumina</i>	X	X	X
Family Pieridae (Whites)					
	Portuguese Dappled White	<i>Euchloe tagis</i>		X	X
	Orange Tip	<i>Anthocharis cardamines</i>	X		X
	Provence Orange Tip	<i>Anthocharis euphenoides</i>	X		
	Clouded Yellow	<i>Colias crocea</i>			X
	Brimstone	<i>Gonepteryx rhamni</i>	X		
	Wood White	<i>Leptidea sinapis</i>			X
Family Lycaenidae (Blues, Coppers & Hairstreaks)					
	Green Hairstreak	<i>Callophrys rubi</i>			X
	Small Copper	<i>Lycaena phlaeas</i>	X	X	
	Sooty Copper	<i>Lycaena tityrus</i>	X	X	X
	Geranium Bronze	<i>Cacyreus marshalli</i>		X	
	Holly Blue	<i>Celastrina argiolus</i>			X
	Common Blue	<i>Polyommatus icarus</i>	X	X	
	Adonis Blue	<i>Lysandra bellargus</i>	X		
Family Nymphalidae (Vanessids and Fritillaries)					
	Large Tortoiseshell	<i>Nymphalis polychloros</i>			X?
	Peacock	<i>Inachis io</i>	X		X
	Red Admiral	<i>Vanessa atalanta</i>	X		X
	Painted Lady	<i>Vanessa cardui</i>	X	X	X
	Queen of Spain Fritillary	<i>Issoria lathonia</i>	X		X
	Marsh Fritillary	<i>Euphydryas aurinia</i>		X	
Family Satyridae (Browns)					
	Marbled White	<i>Melanargia lachesis</i>	X		
	Meadow Brown	<i>Maniola jurtina</i>		X	
	Small Heath	<i>Coenonympha pamphilus</i>		X	
	Speckled Wood	<i>Pararge aegeria</i>	X	X	X
Family Hesperidae (Skippers)					
	Grizzled Skipper	<i>Pyrgus malvae</i>	X		
	Red Underwing Skipper	<i>Spialia sertorius</i>		X	
OTHER INSECTS					
	a blue-tailed damselfly	<i>Ischnura sp</i>		X	
	an oil beetle	<i>Meloe sp</i>		X	X
	a shieldbug			X	

Lists compiled by Carmen Dominguez

X = seen, H = heard only, d = droppings, *= seen by Emilio & Jesus

Plant list Extremadura 18 – 26 April 2009

Please note some common species occurred almost everywhere – so may not appear in each list. Approximate altitude in meters is given on some locations.

Day 1- 18 April Madrid travelling to Extremadura

Motorway Madrid – NV Talavera de la Reina - Almaraz

Along the main route - motorway from Madrid traveling west to Extremadura, different landscapes and habitats: crops fields, olive plots, etc and after Talavera the first encounter with the "dehesas" – open evergreen oak forest.

Anchusa azurea
Cardaria draba
Cistus ladanifer
Echium plantagineum
Lavandula stoechas
Retama sphaerocarpa (=Lygos)
Medicago sp.
Olea europea – around each village
Pinus pinaster - reforestation
Pyrus bourgeana
Quercus ilex subsp. ballota – pruned for shade of livestock
Quercus suber
Spartium junceum (in the central reservation of the motorway, yellow blossom)
Cytisus scoparius (by the motorway sides, in the dehesa landscape after Talavera de la Reina)
Cytisus multiflorus
Tamarix parviflora (along the central reservation of the motorway)
Ulex europaea
Vicia cracca
Ficus carica

Birding stop at Arrocampo reservoir (280 m)

Different lakes of the Reservoir

Fumaria sp
Orobanche sp
Cytisus multiflora
Muscari comosum
Paronychia argentea
Ornithogalum narbonense
Serapias cf. lingua
Eryngium sp.

Day 2 – 19 April Garganta de Cuartos ravine Losar de la Vera

Ornamental trees in the villages
Trachycarpus fortunei - Palm tree
Prunus pisardii (dark red colour leaves)
Photinia serrulata (at Losar village)
Topiary different shapes along streets of some villages
Capsicum annuum (orchards around the villages for the smoky paprika)
Note: La Vera - best production area for smoky paprika

Botanical trip at the river gorge (Cuartos): Habitat - valley at the foothills of the western end of Sierra de Gredos mountain range, Pyrenean oak woodland. Walking along a river gorge (from 545 m at Losar de la Vera to +/- 700 m at the picnic lunch meadow). A first stop at the goat shepherd farm ("Flugen")

Acer monspessulanum
Alnus glutinosa
Anagallis arvensis
Anagallis tenella
Anthemis arvensis
Anthyllis lotoides
Aristolochia longa (= A. paucinervis)
Asplenium onopteris
Asplenium trichomanes
Bryonia dioica subsp. cretica
Calendula arvensis
Carex sp
Celtis australis
Ceterach officinarum
Cistus psilosepalus
Cistus salvifolius
Coleostephus myconis
Cytisus purgans (= C. oromediterraneus)
Cytisus scoparius
Cytisus striatus
Daphne gnidium
Digitalis thapsi
Erodium cicutarium
Fraxinus angustifolia
Fumaria sp
Genista florida
Lathyrus sp
Lavandula pedunculata (= L. stoechas subsp. pedunculata)
Lotus sp
Melissa officinalis subsp. altissima
Ornithogalum umbellatum
Ornithopus compressus
Osyris alba
Quercus ilex subsp. rotundifolia (= Quercus rotundifolia = Q. ilex subsp. ballota)
Quercus robur var. extremadurensis (protected in Extremadura)
Note: (Mediterranean version of the pedunculate oak tree).
Quercus pyrenaica
Ranunculus bulbosus
Raphanus raphanistrum
Rumex acetosa
Ruscus aculeatus
Salix atrocinerea
Salix salvifolia
Sanguisorba minor
Scandix pecten-veneris
Serapias lingua
Sesamoides canescens
Silene latifolia
Stipa gigantea
Teesdalia nudicaulis
Thymus mastichina
Umbilicus rupestris
Urginea maritima (=Drimia maritima)
Viburnum tinus

Stop at Yuste Monastery – order of St Jeronime (700 m). Travelling towards Garganta la Olla (650 m). Stop at a viewpoint.

Arenaria montana
Adenocarpus telonensis
Cistus psilosepalus
Cytisus multiflorus (white flowers)
Cytisus scoparius
Cytisus striatus
Digitalis thapsi
Halimium umbellatum
Jasione montana

In the outskirts of the Garganta la Olla village:

Prunus avium (orchard of cultivated cherry tress)
Rubus idaeus (orchard of cultivated raspberry)

Day 3 – 20 April to Monfragüe National Park

This is just a short list for Monfragüe as it was mainly a birding day

Anchusa azurea
Arbutus unedo
Asphodelus aestivus
Astragalus lusitanicus
Briza minor
Briza media
Campanula lusitanica
Celtis australis
Cistus populifolius
Cistus ladanifer
Cistus salvifolius
Cytisus scoparius
Cytisus striatus
Daphne gnidium
Digitalis thapsi
Erica arborea
Erica australis
Fraxinus angustifolia
Genista hirsuta
Gynandris sisyrynchium
Helichrysum italicum
Hyacinthoides hispanica
Jasminum fruticans
Lavandula stoechas subsp. pedunculata
Linaria sp (purple flower)
Linaria spartea
Lupinus angustifolia
Olea europea var. sylvestris (wild form)
Paronychia argentea
Phillyrea angustifolia
Pyrus bourgaeana
Quercus ilex subsp. rotundifolia (= Quercus rotundifolia)
Quercus suber
Retama sphaerocarpa (= Lygos)
Trifolium campestre
Thymus mastichina
Trifolium stellatum
Tuberaria guttata (= Xolantha guttata)

Day 4 – 21 April To the historic city of Cáceres

guiding visit to Cáceres old quarter

Eriobotrya japonica (Note: loquat or Japanese medlar in the garden of a palace. Discussion between Japanese medlar and Mespilus germanica – common medlar)

Ficus carica (very old tree) diseased or parasitized causing a warty bark

picnic stop at the hermitage at the top of a hill looking towards Cáceres

Dianthus lusitanus

Gynandris sisyrinchium (=Iris sisyrinchium)

Lamarckia aurea

Trujillo walk at the walls

Antirrhinum graniticum

Umbilicus rupestris

Hyocymus albus

late afternoon walk at Finca Santa Marta towards San Clemente

This a very short list of the herbaceous plants we saw

Allium roseum

Anchusa azurea

Briza maxima

Dianthus lusitanus

Fumaria cf. officinalis

Lathyrus cicera

Lupinus angustifolia

Malva neglecta

Muscari comosum

Orchis champagneuxii

Paronychia argentea

Papaver rhoeas

Silene colorata

Umbilicus gaditanus

Vicia villosa

Day 5 - 22 April. Plains of Cáceres and Santa Marta de Magasca

Birding stops between Belén and Torrecillas de las Tiesas

Gladiolus illyricus

Gynandris sisyrinchium

Campanula rapunculus

Walk at the dehesa towards the Tozon river

Tuberaria guttata (= Xolantha guttata)

Ranunculus peltatus (white flowers in the water)

Ranunculus muricatus (yellow flowers)

Anagallis sp.

Spergularia rubra

Narcissus bulbocodium

Echium plantagineum

Paronychia argentea

Sesamoides purpurascens

Stipa gigantea

Veronica anagallis-aquatica

Traveling towards Santa Marta de Magasca and river Tamujo.

Dehesa landscape of *Quercus ilex* subsp. *ballota*. Different birding stops at dehesas and plains

field full of *Papaver rhoeas*

at Santa Marta de Magasca village square for a coffee break:

Morus alba

Day 6 - 23 April Guadalupe. Botanical trip towards Villuercas Peak

Stop at Hermitage del Humilladero (680 m)

Note: explanation of the different vegetation layers (from top to bottom):

Castanea sativa (for timber)

Quercus pyrenaica

Quercus faginea

Quercus suber & *Castanea sativa* (for fruit)

Quercus ilex

Genista tridentata (= *Chamaespartium tridentatum* = *Pterospartum tridentatum*) (Atlantic influence)

Humilladero hermitage and travelling up – ice house with a few stops

tree species in association in a Pyrenean oak woodland (mesomediterranean)

Arbutus unedo

Quercus pyrenaica

Sorbus torminalis

Arenaria montana

Asphodelus albus

Brachypodium sp

Calendula arvensis

Cardamine hirsuta

Cistus salvifolius

Cistus populifolius

Crataegus monogyna

Cytisus multiflorus

Cytisus striatus

Cytisus scoparius

Daphne gnidium

Erica arborea

Erica australis

Erica lusitanica

Leucanthemopsis pallida (endemic of Iberian peninsula)

Pteridium aquilium

Pyrus bourgeana

Rosmarinus officinalis

Rubus ulmifolius

Salvia verbenaca

Sanguisorba minor

Saxifraga granulata

Teesdalia coronopifolia

Thapsia villosa

Thymus mastichina

Urginea maritima

Verbascum pulverulentum

Ice house picnic stop (1000 m)

walls ice house:

Antirrhinum graniticum

Ceterach officinarum
Prunus avium

Good spot for Ericaceae and Cistaceae families
Erica umbellata
Erica australis (black stems because of a fungus)
Cistus ladanifer (5 valves)
Halimium umbellatum (3 valves capsule)
Halimium ocymoides (3 valves and not lineal leaves, 2 kinds of leaves)

Subspecies(4) of *Lavandula stoechas*
Lavandula stoechas subsp *sampaiana*
Lavandula stoechas subsp *pedunculata* (= *Lavandula pedunculata*)

Note (these two species not seen in the trip):
Lavandula stoechas subsp *stoechas* (only in Andalucia, south of Spain)
Lavandula stoechas subsp *luisieri* (in Extremadura but not seen here)

Narcissus pallidulus
Romulea bulbocodium
Rosmarinus officinalis
Tulipa sylvestris subsp. *australis*

Top of hill - Villuercas Peak (1600 m)

Adenocarpus hispanicus subsp. *argyrophyllus*
Arenaria montana
Calluna vulgaris
Dianthus lusitanicus
Gagea soleirolii
Genista cinerea subsp *cinerascens*
Helianthemum sp
Herniaria glabra
Narcissus rupicola
Quercus pyrenaica (shorter form)

Day 7 - 24 April Botanical trip : Valley of Viejas (from 1000 m to +/- 600m)

Morning walk downhill: path from a mountain pass to the bottom of the valley.

Habitat: Slopes with Pyrenean oak woodland, bolder fields with oaks, primal/original woodland of *Quercus ilex* and *Quercus pyrenaica*, Mediterranean thickets, geological rock folds from the Paleozoic period, quartzite peaks

Adenocarpus telonensis
Allium roseum
Anchusa undulata (on roundabout, dark purple-blue and pale blue forms)
Arenaria montana
Asphodelus albus
Bellis perennis
Calluna vulgaris
Carex sp
Chaerophyllum temulum
Conopodium sp (edible root/tuber)
Cruciata glabra
Cytisus striatus (striated stems without wings & white hairy pods)
Note: *C scoparius* black pods with "eye lashes" at the edge (i.e. a row of hairs)
Cynoglossum creticum
Cystopteris fragilis
Dactylorhiza sulphurea

Evax carpetana or Evax pigmaea
 Festuca cf arundinacea
 Geranium lucidum
 Erica umbellata
 Erica arborea (stems used for making smoke pipe & wood panel of luxury cars)
 Festuca sp
 Geum sylvaticum
 Halimium umbellatum
 Hyacinthoides hispanica
 Hypochaeris radicata
 Jasione cf. montana
 Lamium bifidum
 Lathyrus cicera
 Lavandula stoechas subsp sampaiana
 Lavandula stoechas subsp pedunculata (= Lavandula pedunculata)
 Linaria nivea
 Lonicera etrusca
 Muscari comosum
 Narcissus pallidus
 Ornithogalum umbellatum
 Orchis mascula
 Orchis morio
 Origanum virens
 Ornithopus sp
 Osyris alba
 Polypodium sp.
 Ranunculus olliissiponensis
 Rhagadiolus stellatus
 Rumex scutatus
 Satureja acinos (= Acinus arvensis)
 Saxifraga granulata
 Sedum brevifolium
 Sibthorpia europaea
 Silene vulgaris
 Teucrium scorodonia
 Thaspia villosa o garganica
 Xolantha tuberaria (=Tuberaria lignosa)
 Note: (5 genera in the Cistacea family: Cistus, Halimium, Helianthemum, Fumana and Tuberaria=Xolantha)
 Vinca major
 Viola kitaibeliana

Laurel forest enclave (a relic woodland from the Tertiary period) in the river

Note: characteristic species in these enclaves from the taller to the shortest

Alnus glutinosa
 Prunus lusitanica
 Arbutus unedo
 Viburnum tinus

Atlantic ferns (Dryopteris filix-max, D. affinis, Ahtyrium filix-femina, Blechnum spicant)

Aristolochia paucinervis
 Bellis perennis
 Ficus carica
 Peonia broteri
 Pteridium aquilinum
 Sorbus torminalis

picnic stop at a meadow & sweet chestnut grove

Hyacinthoides hispanica
Orchis mascula
Ranunculus ollisiponensis
Geum sylvaticum

Coffee stop with traditional cakes ("pastas" and pestiños) at Navazuelas

Rosa cf. banksiana (Common Spanish name rosa de pitimíní)

Stop at Cabañas del Castillo for birds and viewpoint

Adenocarpus hispanicus sbsp argyrophyllus
Ballota hirsuta
Cheilanthes hispanica
Corrigiola littoralis
Cuscuta planiflora
Cynoglossum sp.
Gynandris sisyinchium
Jasione crispa
Juniperus oxycedrus
Lupinus angustifolia
Marrubium vulgare
Osiris alba
Pallenis spinosa (= Asteriscus spinosus)
Reseda luteola
Salvia verbenaca
Smyrniolum olusatrum
Umbilicus gaditanus

Day 8 - 25 April Third botanical walk– "Castaño del Abuelo"**Stop at the St Catalina hermitage**

Note: orchard of Castanea sativa for chestnut production. Important income for Guadalupe (1 million of kilos of chestnut is produced annually). Olive production is also very important with a production of 2 million kilos of olives per year

Note: Importance of the pasture species in a Mediterranean meadow and dehesa with up to 30-40 spp. per square metre

Characteristic species:

Merendera montana
Hieracium pilosella
Ornithopus compressus
Poa bulbosa
Trifolium striatum
Trifolium subterraneum

Walk uphill towards a mountain pass.

Pyrenean woodland and undercover – Mediterranean bushes and herbaceous plants. We reached the mountain pass and saw the old chestnut tree Castanea sativa

Acer monspessulanum
Adenocarpus complicatus
Allium roseum
Anchusa azurea
Andryala integrifolia
Arbutus unedo
Aristolochia paucinervis (= A. longa)
Anchusa undulata
Aphanes sp.

Asphodelus albus
Asplenium onopteris
Arenaria montana
Briza maxima
Brachypodium sp. (Not the right habitat for sylvaticum)
Briza media
Calluna vulgaris
Caucallis sp
Cephalanthera longifolia
Chaerophyllum temulum
Cistus ladanifer var. immaculata
Cistus salvifolius
Coleostephus miconis
Condrilla juncea
Crucianella angustifolia
Crataegus monogyna
Cytisus scoparius
Cytisus striatus
Cynosurus echinatus
Dactylis glomerata subsp. hispanica
Dianthus sp.
Doronicum plantagineum
Erica arborea
Erica australis
Fumaria reuteri
Genista hirsuta
Geranium lucidum
Geranium molle
Genista tridentata (= Pterospartum tridentatum)
Helichrysum italicum
Hyacinthoides hispanica
Hypochoeris radicata
Hypericum perforatum
Lamium bifidum
Lathyrus cicera
Lavandula stoechas subsp. pedunculata
Linaria nivea
Leucanthemopsis sp
Luzula forsterii
Melilotus sp.
Melittis melissophyllum
Muscari comosum
Narcissus pallidulus
Ornithopus compressus
Ornithogalum umbellatum
Orchis mascula
Paeonia broteri
Paeonia officinalis
Pinus pinea (cultivated)
Pinus pinaster (cultivated)
Poa bulbosa var. vivipara
Sanguisorba cf. verrucosa
Polygonatum odoratum (habitat: humid oak woodlands)
Quercus pyrenaica
Rumex scutata
Saxifraga granulata
Sedum rupicola
Raphanus raphanistrum

Rhus coriaria (It used to be cultivated along road edges for dyeing (tannin), nowadays it becomes naturalised)
Rumex induratus
Sherardia arvensis
Silene latifolia
Silene vulgaris (pink and white flowers)
Tamus communis
Thapsia villosa
Thymus mastichina
Torilis caucalis
Tragopogon dubium
Vicia cracca
Vicia cicera
Vicia lutea
Vicia sativa
Viola arvensis

Liquen on rock (*Cladonia* sp. with red "apothecia" = cups or discs with fertile tissue)
Also: *Peltigera canina*

Other common species found on that day on the trip

Alliaria petiolata
Eruca vesicaria
Asplenium trichomanes
Biscutella auriculata
Bisserula pelecinus
Campanula lusitanicum
Carex disticha
Carex pendula
Ceterach officinarum
Chelidonium majus
Conium maculatum
Dryopteris filix-mas
Lupinus hispanicus
Medicago arabica
Pteridium aquilinum
Scandix pecten-veneris
Silene latifolia
Silene vulgaris