



Birdwatching Holidays in Spain, Morocco & more...

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BIRD HIGHLIGHTS

TOUR

Orchids & Birds

DATES

17th to 24th June 2012

Party: Ken Charity ,Tracy Charity ,Andy Rhodes ,Alison Rhodes ,Pete Smith , Cheryl Smith
Marilyn Horner ,Rob Waldron ,Malcolm Broomhead ,Jane Broomhead ,Peter Brierley ,Gill Brierley

Tour Leader : Josele J. Saiz (birds) Amanda Borrows (flowers)

Total Number of Species : 20 orchids and 119 birds

Weather & Sites:

Day 1 – June 17	Nice and Sunny Barceona airport – Nerin / Ordesa National Park
Day 2 – June 18	Nice and Sunny Nerin , Ordesa National Park – Cuello Gordo
Day 3 – June 19	Rain, rain, rain AÑisclo Canyon , Ainsa . Nerin
Day 4 – June 20	Nice and Sunny Nerin, Formigal , Hecho Valley
Day 5 – June 21	Nice and Sunny Gabardito, Lizara,
Day 6 – June 22	Nice sunny but hot Linza valley, Belagua, French Border,
Day 7 – June 23	Nice and Warm Artieda, Arres, San Juan de la Peña, Belchite
Day 8 – June 24	Nice and hot El Planeron, Laguna de Candasnos, Venta del Rey , Barcelona airport.

0.	English Name	Scientific name	1
1.	Great Crested Grebe	<i>Podiceps cristatus</i>	
2.	Great Cormorant	<i>Phalacrocorax carbo</i>	
3.	Grey Heron	<i>Ardea cinerea</i>	
4.	Purple Heron	<i>Ardea purpurea</i>	
5.	Little Egret	<i>Egretta garzetta</i>	
6.	Cattle Egret	<i>Bubulcus ibis</i>	
7.	White Stork	<i>Ciconia ciconia</i>	
8.	Mallard	<i>Anas platyrhynchos</i>	
9.	Red-crested Pochard	<i>Netta rufina</i>	
10.	Common Pochard	<i>Aythya ferina</i>	
11.	Egyptian Vulture	<i>Neophron percnopterus</i>	
12.	Lammergeier	<i>Gypaetus barbatus</i>	
13.	Eurasian Griffon Vulture	<i>Gyps fulvus</i>	
14.	European Honey-Buzzard	<i>Pernis apivorus</i>	
15.	Red Kite	<i>Milvus milvus</i>	
16.	Black Kite	<i>Milvus migrans migrans;</i>	
17.	Booted Eagle	<i>Aquila pennatus</i>	
18.	Golden Eagle	<i>Aquila chrysaetos</i>	
19.	Short-toed Snake-Eagle	<i>Circaetus gallicus</i>	
20.	Common Buzzard	<i>Buteo buteo</i>	
21.	Western or Eurasian Marsh Harrier	<i>Circus aeruginosus</i>	
22.	Montagu's Harrier	<i>Circus pygargus</i>	
23.	Peregrine Falcon	<i>Falco peregrinus</i>	
24.	Eurasian Hobby	<i>Falco subbuteo</i>	
25.	Common or Eurasian Kestrel	<i>Falco tinnunculus</i>	
26.	Lesser Kestrel	<i>Falco naummani</i>	
27.	Red-legged Partridge	<i>Alectoris rufa</i>	
28.	Common Coot	<i>Fulica atra</i>	
29.	Common Moorhen	<i>Gallinula chloropus</i>	
30.	Common Sandpiper	<i>Tringa hypoleucos</i>	
31.	Eurasian Thick-knee or Stone Curlew	<i>Burhinus oedicnemus</i>	

32.	Yellow-legged Gull	<i>Larus michahellis</i>	
33.	Pin-tailed Sandgrouse	<i>Pterocles alchata</i>	
34.	Black-bellied Sandgrouse	<i>Pterocles orientalis</i>	
35.	Feral Pigeon	<i>Columba livia feral</i>	
36.	Common Wood-Pigeon	<i>Columba palumbus</i>	
37.	Eurasian Collared-Dove	<i>Streptopelia decaocto</i>	
38.	Common or Eurasian Cuckoo	<i>Cuculus canorus</i>	
39.	Common Swift	<i>Apus apus</i>	
40.	Alpine Swift	<i>Apus melba</i>	
41.	European Bee-eater	<i>Merops apiaster</i>	
42.	Eurasian or Common Hoopoe	<i>Upupa epops</i>	
43.	Eurasian Wryneck	<i>Jynx torquilla</i>	
44.	Black Woodpecker	<i>Dryocopus martius</i>	
45.	Great Spotted Woodpecker	<i>Dendrocopos major</i>	
46.	Eurasian Green Woodpecker	<i>Picus viridis</i>	
47.	Calandra Lark	<i>Melanocorypha calandra</i>	
48.	Sky Lark or Skylark	<i>Alauda arvensis</i>	
49.	Crested Lark	<i>Galerida cristata</i>	
50.	Thekla Lark	<i>Galerida theklae</i>	
51.	Greater Short-toed Lark	<i>Calandrella brachydactyla</i>	
52.	Lesser Short-toed Lark	<i>Calandrella rufescens</i>	
53.	Eurasian Crag-Martin	<i>Hirundo rupestris</i>	
54.	Barn Swallow	<i>Hirundo rustica</i>	
55.	Northern House-Martin	<i>Delichon urbica</i>	
56.	Sand Martin	<i>Riparia riparia</i>	
57.	Tawny Pipit	<i>Anthus campestris</i>	
58.	Water Pipit	<i>Anthus spinoletta</i>	
59.	Tree Pipit	<i>Anthus trivialis</i>	
60.	White Wagtail	<i>Motacilla alba</i>	
61.	Grey Wagtail	<i>Motacilla cinerea</i>	
62.	Red-backed Shrike	<i>Lanius collurio</i>	
63.	Woodchat Shrike	<i>Lanius senator senator;</i> <i>L.s.badius</i>	

64.	Southern Grey Shrike	<i>Lanius meridionalis</i>	
65.	Hedge Accentor or Dunnock	<i>Prunella modularis</i>	
66.	Alpine Accentor	<i>Prunella collaris</i>	
67.	Common Grasshopper-Warbler	<i>Locustella naevia</i>	
68.	Savi's Warbler	<i>Locustella luscinioides</i>	
69.	Great Reed-Warbler	<i>Acrocephalus arundinaceus</i>	
70.	Eurasian Reed-Warbler	<i>Acrocephalus scirpaceus</i>	
71.	Melodious Warbler	<i>Hippolais polyglotta</i>	
72.	Orphean Warbler	<i>Sylvia hortensis</i>	
73.	Garden Warbler	<i>Sylvia borin</i>	
74.	Blackcap	<i>Sylvia atricapilla</i>	
75.	Subalpine Warbler	<i>Sylvia cantillans</i>	
76.	Western Bonelli's Warbler	<i>Phylloscopus bonelli</i>	
77.	Common or Eurasian Chiffchaff	<i>Phylloscopus collybita</i>	
78.	Firecrest	<i>Regulus ignicapillus</i>	
79.	Goldcrest	<i>Regulus regulus</i>	
80.	Common Stonechat	<i>Saxicola rubicola</i>	
81.	Rufous-tailed Rock-Thrush	<i>Monticola saxatilis</i>	
82.	Northern Wheatear	<i>Oenanthe oenanthe</i>	
83.	Black Redstart	<i>Phoenicurus ochruros</i>	
84.	European Robin	<i>Erithacus rubecula</i>	
85.	Common Nightingale	<i>Luscinia megarhynchos</i>	
86.	Mistle Thrush	<i>Turdus viscivorus</i>	
87.	Song Thrush	<i>Turdus philomelos</i>	
88.	Eurasian or Common Blackbird	<i>Turdus merula</i>	
89.	Crested Tit	<i>Parus cristatus</i>	
90.	European Blue Tit	<i>Parus caeruleus</i>	
91.	Coal Tit	<i>Parus ater</i>	
92.	Great Tit	<i>Parus major</i>	
93.	Marsh Tit	<i>Parus palustris</i>	
94.	Eurasian or Wood Nuthatch	<i>Sitta europaea caesia</i>	
95.	Wallcreeper	<i>Tichodroma muraria</i>	

96.	Short-toed Treecreeper	<i>Certhia brachydactyla</i>	
97.	White-throated Dipper	<i>Cinclus cinclus</i>	
98.	Winter Wren	<i>Troglodytes troglodytes</i>	
99.	Eurasian Jay	<i>Garrulus glandarius</i>	
100	Eurasian Magpie	<i>Pica pica</i>	
101	Common or Northern Raven	<i>Corvus corax</i>	
102	Carrion Crow	<i>Corvus corone</i>	
103	Eurasian Jackdaw	<i>Corvus monedula</i>	
104	Red-billed Chough	<i>Pyrrhocorax pyrrhocorax</i>	
105	Yellow-billed or Alpine Chough	<i>Pyrrhocorax graculus</i>	
106	House Sparrow	<i>Passer domesticus</i>	
107	Spotless Starling	<i>Sturnus unicolor</i>	
108	Eurasian Golden-Oriole	<i>Oriolus oriolus</i>	
109	Chaffinch	<i>Fringilla coelebs</i>	
110	Eurasian Bullfinch	<i>Pyrrhula pyrrhula</i>	
111	European Serin	<i>Serinus serinus</i>	
112	Citril Finch	<i>Serinus citrinella</i>	
113	European Goldfinch	<i>Carduelis carduelis</i>	
114	European Greenfinch	<i>Carduelis chloris</i>	
115	Eurasian Siskin	<i>Carduelis spinus</i>	
116	Red or Common Crossbill	<i>Loxia curvirostra</i>	
117	Rock Sparrow or Petronia	<i>Petronia petronia</i>	
118	White-winged Snowfinch	<i>Montifringilla nivalis</i>	
119	Corn Bunting	<i>Emberiza calandra</i>	
120	Yellowhammer	<i>Emberiza citrinella</i>	
121	Ortolan Bunting	<i>Emberiza hortulana</i>	
122	Rock Bunting	<i>Emberiza cia</i>	

Butterfly Systemic List – Pyrenees 2012

The following butterfly systemic list follows that of Tolman & Lewington, *Collins: Butterflies of Britain & Europe, 1997*. A total of 52 species were recorded over the trip, a good number of species, considering the trip was not a butterfly tour. The numbers indicate the day that a species were seen.

Papilionidae

- Swallowtail *Papilio machaon* recorded over two days (5 & 6)
Scarce Swallowtail *Iphiclides podalirius* more common than previous species with several individuals recorded over three days (5, 6, & 7)
Clouded Apollo *Parnassius mnemosyne* only flitting views for this lovely species (4, 5, & 7)

Pieridae

- Black-veined White *Aporia crataegi* some lovely views of this species for some of the group (2 & 6)
Large White *Pieris brassicae* common over the week
Green-veined White *Artogeia napi* only recorded once (2)
Bath White *Pontia daplidice* this species provided plenty of debate & some lovely pictures (2 & 7)
Western Dappled White *Euchloe crameri* an obliging individual (2)
Orange-Tip *Anthocharis cardamines* a common species but only recorded on three days (5, 6, & 7)
Pale Clouded Yellow *Colias hyale* a bit of a goodie to record in the butterfly world (6)
Clouded Yellow *Colias crocea* common, seen nearly every day
Brimstone *Gonepteryx rhamni* Andy saw this lovely species (6)
Wood White *Leptidea sinapsis* several individuals were bouncing around the woodland rides (6)

Lycanenidae

- Spanish Purple Hairstreak *Laeosopis roboris* Jane found this lovely beauty of a butterfly (7)
Blue-spot Hairstreak *Satyrium spini* superb views of this species feeding (
Small Copper *Lycaena phlaeas* only recorded on one day (6)
Large Copper *Lycaena dispar* this dazzling species, gave a few chases on the rocky meadows for people (5)
Long-tailed Blue *Lampides boeticus* a fine specimen of this species made the camera roll (7)
Little Blue *Cupido minimus* recorded later in the week (5, 6, & 7)
Osiris Blue *Cupido osiris* this interesting beauty was found by Jane (3)
Holly Blue *Celastrina argiolus* recorded on the walk back to the hotel (2)
Baton Blue *Pseudophilotes baton* a lovely male was spotted basking near footpath to the Lady's Slipper site (4)
Brown Argus *Aricia agestis* another good find by Jane & Malc (5)
Turquoise Blue *Plebicula dorylas* this species created a few speculations of what it might be, most common of the blue species (5, 6, & 7)
Provence Chalk-hill Blue *Lysandra hispana* several members of the group got to see this fine species (7)
Adonis Blue *Lysandra bellargus* after much debate & looking in books the beautiful blue that was flitting around the rock meadows near the French border, turned out to be this species (4)
Common Blue *Polyommatus Icarus* recorded on several days (2 & 5)

Nymphalidae

Red Admiral <i>Vanessa atalanta</i>	recorded on two days over the week (5 & 6)
Painted Lady <i>Cynthia cardui</i>	recorded on two days over the week (2 & 7)
Small Tortoiseshell <i>Aglais urticae</i>	fairly common with several individuals (2, 5, & 6)
Queen of Spain Fritillary <i>Issoria lathonia</i>	a favourite by all recorded (5, 6 & 7)
Knapweed Fritillary <i>Melitaea phoebe</i>	a very fresh & bright individual near the pond (7)
Meadow Fritillary <i>Mellicta parthenoides</i>	a common fritillary in the rock meadows (4, 5, & 6)
Marbled White <i>Melanargia galathea</i>	one was recorded on the walk back to the hotel (2)
Iberian Marbled White <i>Melanargia lachesis</i>	this species gave better views than its previous cousin (4 & 7)
Common Grayling <i>Hipparchia semele</i>	several individuals were recorded in grassy pastures, with one individual taking a particular liking to Ken's hat (7)
Great Banded Grayling <i>Kanetisa circe</i>	this amazing butterfly only graced our presence for only one day (7)
Bright-eyed Ringlet <i>Erebia oeme</i>	it was this brown species flying around the rock meadow near the French border (4)
Meadow Brown <i>Maniola jurtina</i>	a common species but only recorded on one day (7)
Spanish Gatekeeper <i>Pyronia bathseba</i>	this species was very obliging for people who wanted to take a photo, while it was settled on a leaf (7)
Speckled Wood <i>Pararge aegeria ssp. aegeria</i>	one record of this common species in its European colours of orange rather than the chocolate brown that occurs in Britain (5)
Wall Brown <i>Lasiommata megera</i>	the commonest of the browns (2, 4, & 7)
Large Wall Brown <i>Lasiommata maera</i>	a nice specimen of this species was spotted along the walk back to the hotel (2)
Spanish Chestnut Heath	an attractive butterfly but only recorded on one day (7) <i>Coenonympha glycerion iphioides</i>

Hesperiidae

Grizzled Skipper <i>Pyrgus malvae</i>	the commonest of the skipper's over the week
Large Grizzled Skipper <i>Pyrgus alveus</i>	recorded by Jane (4)
Safflower Skipper <i>Pyrgus carthami</i>	this species was only recorded on the first day (2)
Red-underwing Skipper <i>Spialia sertorius</i>	several individuals of this species were recorded puddling (5)
Mallow Skipper <i>Carcharodus alceae</i>	it was a brief appearance by this species in the grassy meadow near the bridge (7)
Dingy Skipper <i>Erynnis tages</i>	several individuals of this species recorded over the week 4 & 5)
Essex Skipper <i>Thymelicus lineola</i>	one recorded in the dry grassy meadow (7)
Small Skipper <i>Thymelicus sylvestris</i>	several individuals over the course of the trip
Large Skipper <i>Ochlodes venatus</i>	individuals recorded on several days

Dragonfly Systemic List – Pyrenees 2012

The following dragonfly systemic list follows that of Klaas-Douwe B Dijkstra & Lewington, *Bwp: Field Guide to the Dragonflies of Britain & Europe, 2006*. A total of five species were recorded over the trip. The numbers indicate the day that a species were seen.

Azure Damselfly <i>Coenagrion puella</i>	a common damselfly around pond & river edges	
Emperor Dragonfly <i>Anax imperator</i>	this large dragonfly is unmistakable, recorded around water bodies (6 & 7)	the larger
Lesser Emperor <i>Anax parthenope</i>	this lovely dragonfly was only recorded at lunch next to reedbed. A pair were recorded in copulation (8)	the
Broad-bodied Chaser <i>Libellula depressa</i>	both male & female were recorded at altitude around pools (4 & 7)	marshy
Red-veined Darter <i>Sympetrum fonscolombii</i>	several individuals recorded zipping around the pond (7)	

PLANT LIST – Pyrennees 2012

The systematic order & taxonomy of the following plant list is based on *Alpine Flowers of Britain & Europe*, Grey-Wilson & Blamey (1995), and *Wild Flowers of the Mediterranean*, Blamey & Grey-Wilson (2004). Numbers in brackets represent the day seen.

Ferns & Allied Plants

Selaginellaceae

Selaginella selaginoides – Lesser Clubmoss (the moss like plant amongst the numerous sward of Frog Orchid (6)

Equisetaceae

Equisetum palustre – Marsh Horsetail – common at the orchid site (4)

Ophioglossaceae

Botrychium lunaria – Moonwort – a lovely spread of this delight plant amongst the rocky meadows (4 & 6)

Cryptogrammaceae

Cryptogramma crispa - Parsley Fern – among & under the various rock faces

Adiantaceae

Adiantum capillus-veneris - Maidenhair Fern - on rocks

Polypodiaceae

Polypodium vulgare - Common Polypody

Hypolepidaceae

Pteridium aquilinum – Bracken

Aspleniaceae

Asplenium adiantum-nigrum - Black Spleenwort

Asplenium septentrionale – Green Forked Spleenwort (4)

Asplenium trichomanes - Maidenhair Spleenwort

Asplenium scolopendrium – Hart’s-tongue Fern

Ceterach officinarum – Rusty back Fern - walls and rocks

Woodsiaceae

Cystopteris fragilis - Brittle Bladder-fern - Humid crevices

Dryopteridaceae

Dryopteris sp. – there were some species of this genus, but closer examination was needed for a positive identification

FLOWERING PLANTS

DICOTYLEDONS

Pinaceae

Pinus pinea – Stone/Umbrella Pine – lower altitudes

Pinus nigra – Austrian Pine – the black pine trees at high altitude

Pinus sylvestris – Scot's Pine

Salicaceae

Populus alba – White Poplar – common around the first half of the trip

Populus tremula – Aspen – scattered recordings of this delicate tree over the first half of the trip

Salix breviserrata – Finely-toothed Willow – seen along road verges (4)

Salix x sepulchralis – Weeping Willow

Juglandaceae

Juglans regia – Walnut

Betulaceae

Alnus glutinosa – Common Alder

Betula pendula – Silver Birch

Corylaceae

Corylus avellana – Hazel

Fagaceae

Fagus sylvatica – Beech

Quercus ilex – Holm Oak

Quercus pyrenaica – Pyrenean Oak

Quercus pubescens – Downy Oak

Ulmaceae

Celtis australis – Nettle Tree – around the medieval villages

Moraceae

Ficus carica – Fig – sub-Mediterranean scrub

Urticaceae

Parietaria judaica – Pellitory-of-the-wall

Urtica dioica – Stinging Nettle:

Loranthaceae

Viscum album subsp. austriacum – Mistletoe (parasitic on pines)

Polygonaceae

Rumex scutatus – Rubble Dock or French Sorrel (4 & 7)

Polygonum viviparum – Alpine Bistort:

Rumex acetosella ssp. Pyrenaicus – Sheep's Sorrel (5)

Rumex obtusifolius – Broad-leaved Dock

Rumex crispus – Curled Dock

Oxyria digyna – Mountain Sorrel – round, kidney-shaped leaves

Caryophyllaceae

Arenaria serpyllifolia – Thyme-leaved Sandwort – alpine meadows

Cerastium alpinum – Alpine Mouse-ear (2)

Cerastium arvense – Field Mouse-ear

Cerastium fontanum – Common Mouse-ear

Cerastium glomeratum – Sticky Mouse-ear

Dianthus deltoides – Maiden Pink – dark band near the centre, white spots

Dianthus monspessulanum – Fringed Pink

Dianthus seguieri – Segulier's Pink – dark spots near centre

Gypsophila repens – Alpine Gypsophila

Lychnis alpine – Alpine Catchfly – the lovely pinky plant that decorated the natural rock gardens (2)

Minuartia rupestris – Rock Sandwort – high alpine meadows

Paronychia kapela – Whitlow Wort

Paronychia polygonifolia – a whitlow wort species

Sagina procumbens – Procumbent Pearlwort

Sagina saginoides – Alpine Pearlwort

Saponaria ocymoides – Rock Soapwort

Scleranthus perennis ssp. polycnemoides – Perennial Knawel (4)

Silene acaulis - Moss Campion
Silene alba - White Campion
Silene borderei - Pyrenean Catchfly - lovely low-forming mat red catchfly (2)
Silene dioica - Red Campion
Silene nutans - Nottingham Catchfly (5 & 6)
Silene rupestris - Rock Campion (2)
Silene saxifrage - Tufted Catchfly (3)
Silene viridiflora - a campion: [Like *S. nutans* but greenish-white and capsule 12-14mm] (6 & 7)
Silene vulgaris - Bladder Campion
Ranunculaceae
Anemone narcissifolia - Narcissus-flowered Anemone - lovely plant (2)
Aquilegia vulgaris - Columbine - lower altitudes
Caltha palustris - Marsh-marigold
Clematis vitalba - Traveller's Joy
Helleborus foetidus - Stinking Hellebore
Hepatica nobilis - Hepatica
Isopyrum thalictroides - Rue-leaved Isopyrum (2)
Pulsatilla alpina ssp. *alpina* - Alpine Pasque-flower (2)
Ranunculus aconitifolius - Aconite-leaved Buttercup (4)
Ranunculus acris - Meadow Buttercup
Ranunculus amplexicaulis - Amplexicaule Buttercup (2)
Ranunculus auricomus - Goldilocks buttercup - alpine meadows
Ranunculus bulbosus - Bulbous Buttercup
Ranunculus gouanii - Gouan's Buttercup - alpine meadows
Ranunculus pyrenaicus - Pyrenean Buttercup - alpine meadows
Ranunculus repens - Creeping Buttercup
Thalictrum flavum - Meadow-rue
Papaveraceae
Chelidonium majus - Greater Celandine
Meconopsis cambrica - Welsh Poppy
Brassicaceae
Arabis turrita - Tower Rockcress - rock face in seed (6)
Capsella bursa-pastoris - Shepherd's-purse
Cardamine pratensis - Lady's smock
Cardamine resedifolia - Mignonette-leaved Bittercress (6 & 7)
Cochlearia officinallis - Common Scurvy Grass - rock face (3)
Coincya monensis ssp. *recurvata* - Wallflower Cabbage (4)
Draba aizoides - Yellow Whitlow-grass - scattered across the shale rocks (2)
Erysimum duriaei ssp. *pyrenaicum* - a treacle-mustard (5)
Iberis sempervirens - Evergreen Candytuft (4)
Rorippa nasturtium-aquaticum - Water-cress - in the stream in the second village next to the hotel
Resedaceae
Reseda glauca - Pyrenean Mignonette
Reseda lutea - Wild Mignonette
Reseda luteola - Weld
Crassulaceae
Sedum acre - Wallpepper
Sedum album - White Stonecrop
Sedum anglicum - English Stonecrop
Sempervivum m. montanum - Mountain Houseleek - in leaf, rocky crevices
Umbilicus rupestris - Navelwort
Saxifragaceae
Saxifraga exarata subsp. *moschata* - White Musky Saxifrage - mossy clump saxifrage on the rock face (4)
Saxifraga granulata - Meadow Saxifrage
Saxifraga longifolia - Pyrenean Saxifrage
Saxifraga stellaris - Starry Saxifrage
Saxifraga umbrosa - Wood Saxifrage

Platanaceae

Platanus x hispanica - London Plane

Rosaceae

Agrimonia eupatoria - Agrimony

Aruncus dioicus - Goat's-beard Spiraea

Cotoneaster integerrimus - Wild Cotoneaster

Crataegus monogyna - Hawthorn

Dryas octopetala - Mountain Avens

Filipendula ulmaria - Meadowsweet

Fragaria vesca - Wild Strawberry

Geum montanum - Alpine Avens

Geum pyrenaicum - Pyrenean Avens

Geum rivale - Water Avens

Geum urbanum - Herb Bennet

Potentilla anserina - Silverweed

Potentilla reptans - Creeping Cinquefoil

Potentilla rupestris - Rock Cinquefoil

Rosa canina s.l. - Dog Rose

Rosa montana - Mountain Rose - along the roadside walk (2)

Rosa pendulina - Alpine Rose

Rosa pimpinellifolia - Burnet Rose

Rubus fruticosus s.l. - Bramble

Sanguisorba minor ssp. *muricata* - Salad Burnet

Sorbus aucuparia - Rowan

Fabaceae

Anthyllis montana - Mountain Kidney-vetch

Anthyllis vulneraria ssp. *pyrenaica* - Pink Kidney Vetch

Anthyllis vulneraria ssp. *vulnerarioides* - Kidney Vetch

Astragalus monspessulanus subsp. *spruneri* - False Vetch

Astragalus purpureus - Purple Vetch

Colutea arborescens - Bladder Senna

Cytisus purgans - Pyrenean Broom

Dorycnium pentaphyllum - Prostrate Canary Clover - delicate trefoil leaved shrubby bush (7)

Echinopartum horridum - Echinopartum - the pin-cusion grouse at high altitudes

Genista hispanica - Spanish Gorse

Hippocrepis comosa - Horseshoe Vetch (7)

Lathyrus aphaca - Yellow Vetchling - picnic site (4)

Lathyrus latifolius - Broad-leaved Everlasting-pea

Lathyrus setifolius - Brown Vetch - meadows (7)

Lotus alpinus - Alpine Bird's-foot Trefoil

Lotus corniculatus - Common Bird's-foot Trefoil

Lotus subbiflorus - Hairy Bird's-foot Trefoil (2)

Melilotus officinalis - Common Melilot - lower altitudes along field verges

Onobrychis montana - Mountain Sainfoin - a very glamerous patch of this colourful species decorated the path edge as we walked back to the bus (2)

Onobrychis viciifolia - Common Sainfoin - lower altitudes

Ononis fruticosa - Shrubby Restharrow

Ononis n. natrix - Large Yellow Restharrow

Ononis spinosa - Spiny Restharrow

Robinia pseudacacia - False Acacia

Tetragonolobus maritimus - Dragon's-teeth

Trifolium alpinum - Alpine Clover

Trifolium campestre - Hop Trefoil

Trifolium montanum - Mountain Clover

Trifolium ochroleucon - Sulphur Clover

Trifolium pratense - Red Clover
Trifolium r. repens - White Clover
Trifolium thalii - a pale clover with red flowers, mat forming in alpine meadow (2)
Vicia cracca - Tufted Vetch
Vicia pyrenaica - Pyrenean Vetch

Vicia sativa - Common Vetch

Geraniaceae

Erodium petraeum subsp. *crispum* - Rock Stork's-bill (2)
Geranium columbinum - Long-stalked Crane's-bill
Geranium dissectum - Cut-leaved Crane's-bill (7)
Geranium molle - Dove's-foot Crane's-bill
Geranium phaeum - Dusky Crane's-bill
Geranium pyrenaicum - Mountain Crane's-bill
Geranium robertianum - Herb Robert
Geranium pratense - Meadow Crane's-bill (7)
Geranium sylvaticum - Wood Crane's-bill - woodland areas

Linaceae

Linum narbonense - Beautiful Flax
Linum viscosum - Sticky Flax
Linum strictum subsp. *strictum* - Yellow Upright Flax - dry gravel bed (7)

Euphorbiaceae

Euphorbia amygdaloides - Wood Spurge
Euphorbia cyparissias - Cypress Spurge
Euphorbia helioscopia - Sun Spurge
Euphorbia peplus - Petty Spurge

Polygalaceae

Polygala alpestris - Mountain Milkwort - alpine meadows
Polygala alpina - Alpine Milkwort - alpine meadows
Polygala calcarea - Chalk Milkwort (7)
Polygala comosa - Tufted Milkwort - lilac pink milkwort, French border (4)
Polygala nicaeensis ssp. *caesalpinii* - Nice Milkwort
Polygala vulgaris - Common Milkwort

Hippocastanaceae

Aesculus hippocastanum - Horse Chestnut

Aceraceae

Acer campestre - Field Maple
Acer platanoides - Norway Maple
Acer pseudoplatanus - Sycamore

Aquifoliaceae

Ilex aquifolium - Holly

Buxaceae

Buxus sempervirens - Box

Vitaceae

Vitis vinifera - Common Vine - villages

Tiliaceae

Tilia cordata - Small-leaved Lime

Malvaceae

Malva moschata - Musk Mallow
Malva neglecta - Dwarf Mallow
Malva sylvestris - Common Mallow

Elaeagnaceae

Hippophae rhamnoides subsp. *fluviatilis* - a sea buckthorn (4)

Thymelaeaceae

Daphne laureola - Spurge-laurel - in leaf among the rock cliffs

Violaceae

Viola biflora - Yellow Wood Violet (6)

Viola cornuta - Horned Pansy

Viola pyrenaica - Pyrenean Violet

Cistaceae

Helianthemum apenninum - White Rockrose

Helianthemum canum ssp. *piloselloides* - Hoary Rockrose

Helianthemum nummularium ssp. *glabrum* - Common Rockrose

Helianthemum nummularium ssp. *pyrenaicum* - pink flowers

Cucurbitaceae

Bryonia cretica - White Bryony

Onagraceae

Epilobium anagallidifolium - Alpine Willowherb - alpine woodlands (3 & 5)

Punicaceae

Punica granatum - Pomegranate - Josele's garden

Araliaceae

Hedera helix - Ivy

Apiaceae

Angelica sylvestris - Wild Angelica

Anthriscus sylvestris - Cow Parsley

Conopodium pyrenaicum - Pyrenean Pignut

Daucus carota - Wild Carrot

Eryngium bourgatii - Pyrenean Eryngo

Eryngium campestre - Field Eryngo

Ferula communis - Giant Fennel (7)

Molopospermum peloponnesiacum - Molopospermum - the large umbellifer at the first Wallcreeper site (4)

Sanicula europaea - Sanicle

Pyrolaceae

Pyrola minor - Lesser Wintergreen - several spikes along the woodland edge (5)

Pyrola rotundifolia - Round-leaved Wintergreen - several spikes near *Pyrola minor* (5)

Monotropaceae

Monotropa hypopitys - Yellow Bird's-nest - (5)

Ericaceae

Calluna vulgaris - Ling (6)

Rhododendron ferrugineum - Alpenrose (4 & 7)

Primulaceae

Anagallis foemina - Blue Pimpernel

Androsace carnea ssp. *laggeri* - Pink Rock-jasmine - rocky screes (2)

Androsace pyrenaica - Pyrenean Rock-jasmine - yellow eye

Androsace villosa - a rock-jasmine - both yellow & pink eye on the same plant

Coris monspeliensis - Coris - a small patch of this species next to *Epipactis tremolsii* (3)

Lysimachia nemorum - Yellow Pimpernel (6)

Primula elatior - Oxlip

Primula veris - Cowslip

Plumbaginaceae

Armeria alliacea - Plantain-leaved Thrift - a couple of specimens were seen in the alpine rocky 'garden' (2)

Armeria maritima ssp. *alpina* - Mountain Thrift

Oleaceae

Fraxinus excelsior - Ash

Ligustrum vulgare - Privet

Olea europaea - Olive

Gentianaceae

Blackstonia perfoliata - Yellowwort

Gentiana alpina - Southern Gentian

Gentiana cruciata - Cross Gentian – a small bunch in the orchid field (4)

Gentiana lutea - Greater Yellow Gentian

Gentiana occidentalis – Pyrenean Trumpet Gentian (5)

Gentiana verna – Spring Gentian

Gentianella columnae – Apennine Gentianella – the small clump of gentians near the path towards the bus (2)

Asclepiadaceae

Vincetoxicum hirundinaria – Swallow-wort (5)

Rubiaceae

Cruciata laevipes – Crosswort

Galium v. verum – Lady's Bedstraw

Galium lucidum – Shining Bedstraw

Convolvulaceae

Calystegia sepium - Hedge Bindweed

Convolvulus arvensis - Field Bindweed

Convolvulus cantabrica - Pink Bindweed

Cuscuta epithimum - Common Dodder (5 & 6)

Cuscuta europaea - Greater Dodder (8)

Boraginaceae

Cynoglossum creticum - Blue Hound's-tongue (5)

Cynoglossum officinale - Common Hound's-tongue

Echium vulgare - Viper's Bugloss

Myosotis alpestris - Alpine Forget-me-not

Myosotis arvensis - Common Forget-me-not

Myosotis scorpioides - Water Forget-me-not – village

Myosotis sylvatica - Wood Forget-me-not

Pulmonaria affinis - a lungwort (6)

Lamiaceae

Acinos alpinus – Alpine Calamint

Acinos arvensis – Basil Thyme

Ajuga reptans – Bugle

Galeopsis tetrahit – Common Hemp-nettle

Glechoma hederacea - Ground Ivy

Nepeta cataria – Common Catmint (2 & 7)

Prunella grandiflora ssp. *pyrenaica* Large Self-heal

Prunella laciniata – Cut-leaved Self-heal

Prunella vulgaris – Self Heal

Salvia pratensis – Meadow Clary

Salvia sclarea – Clary

Salvia verbenaca - Wild Clary

Sideritis hyssopifolia – Sideritis (2)

Stachys recta - Perennial Yellow Woundwort (2)

Teucrium montanum – Mountain Germander

Teucrium pyrenaicum – Pyrenean Germander

Thymus nervosus – Hairy Thyme

Thymus pulegioides – Large Wild-thyme

Thymus serpyllum – Wild Thyme

Solanaceae

Solanum dulcamara - Bittersweet

Scrophulariaceae

Antirrhinum majus - Common Snapdragon

Antirrhinum molle - Soft Snapdragon (4)

Chaenorrhinum origanifolium - Chaenorhiunm (2 & 3)

Cymbalaria muralis - Ivy-leaved Toadflax

Digitalis lutea - Small Yellow Foxglove

Digitalis purpurea - Common Foxglove

Erinus alpinus - Fairy Foxglove

Euphrasia hirtella - an eyebright

Linaria alpina - Alpine Toadflax

Linaria supina - Pyrenean Toadflax

Pedicularis pyrenaica - Pyrenean Lousewort

Pedicularis sylvatica - Common Lousewort - Vielha tunnel

Pedicularis verticillata - Whorled Lousewort

Rhinanthus angustifolius - Greater Yellow Rattle

Rhinanthus mediterraneus - a greater yellow rattle

Rhinanthus minor - Yellow Rattle

Scrophularia alpestris - a Figwort

Verbascum nigrum - Dark Mullein (6)

Verbascum thapsus - Aaron's Rod

Veronica chamaedrys - Bird's-eye Speedwell

Veronica fruticans - Rock Speedwell

Veronica nummularia - Pyreanean Speedwell

Veronica persica - Common Field-speedwell

Veronica serpyllifolia ssp *serpyllifolia* - Thyme-leaved Speedwell

Globulariaceae

Globularia cordifolia - Matted Globularia

Gesneriaceae

Ramonda myconi - Ramonda

Orobanchaceae

Orobanche alba - Thyme-leaved Broomrape (5 & 6)

Orobanche amethystea - Amethyst Broomrape on *Eryngium campestre* (7)

Orobanche minor - Common Broomrape (7)

Lentibulariaceae

Pinguicula grandiflora - Large-flowered Butterwort (6)

Pinguicula longifolia - Long-leaved Butterwort (3 - 5)

Plantaginaceae

Plantago alpina - Alpine Plantain

Plantago coronopus - Buck's-horn Plantain - lunch (4)

Plantago lanceolata - Ribwort Plantain

Plantago major - Greater Plantain

Plantago media - Hoary Plantain

Caprifoliaceae

Lonicera periclymenum - Common Honeysuckle

Lonicera pyrenaica - Pyrenean Honeysuckle

Sambucus ebulus - Dwarf Elder

Sambucus nigra - Elder

Valerianaceae

Centranthus lecoqii - a red valerian in turfs in rocky meadows (2 & 4)

Valeriana montana - Mountain Valerian (2)

Valeriana pyrenaica - Pyrenean Valerian

Dipsacaceae

Dipsacus fullonum - Common Teasel
Knautia arvensis - Field Scabious
Knautia nevadensis - a wood scabious
Lomelosia stellata - a scabious – inflated papery fruits (7)
Phyteuma betonicifolium – Betony-leaved Rampion – a few flower heads as we walked back through the wood towards the vehicles (6)
Phyteuma orbiculare - Round-headed Rampion
Phyteuma pyrenaicum – Spiked Pyrenean Rampion – blue flowers (4)
Scabiosa columbaria - Small Scabious
Campanulaceae
Campanula hispanica ssp. *catalanica* - Spanish Bellflower
Campanula persicifolia - Peach-leaved Bellflower

Campanula rotundifolia agg. – Harebell
Campanula speciosa – Pyrenean Bellflower – the large group of bellflowers growing on the roadside towards the old monastery (7)
Campanula trachelium – Nettle-leaved Bellflower
Asteraceae
Achillea chamaemelifolia - Andorran Sneezewort
Achillea millefolium – Yarrow
Antennaria dioica - Mountain Everlasting
Arnica montana - Mountain Arnica
Aster alpinus - Alpine Aster: [Low perennial: elliptical leaves, single daisy-like heads 35-45mm, with violet-blue rays]

Bellis perennis - Daisy
Carduus carlinifolius - Carline-leaved Thistle
Carduus carlinoides - Pyrenean Thistle
Carduus nutans - Musk Thistle – the large clumps of dead heads near the cornfields at lower altitude along the roadsides
Carlina acanthifolia – Acanthus-leaved Carline Thistle – this was the solitary stemless large thistle found among the rocky meadows (2)
Carlina acaulis - Stemless Carline Thistle
Carlina vulgaris - Carline Thistle
Centaurea alpestris – Knapweed
Centaurea calcitrapa - Red Star-thistle
Centaurea montana - Mountain Cornflower
Centaurea scabiosa - Greater Knapweed
Centaurea solstitialis - Yellow Star-thistle (8)
Cicerbita alpina - Alpine Sow-thistle (3 – 5)
Cichorium intybus – Chicory – lower altitudes along the road verges
Cirsium arvense - Creeping Thistle
Cirsium palustre - Marsh Thistle (5)
Cirsium vulgare - Spear Thistle
Erigeron uniflorus – One-flowered Fleabane (2)
Eupatorium cannabinum - Hemp-agrimony
Filago vulgaris - Common Cudweed
Homogyne alpina - Alpine Colt's-foot (4 & 6)
Leucanthemum vulgare – Ox-eye Daisy
Leuzea conifera – Leuzea (Pine-cone)
Leuzea rhapontica – Giant Knapweed – below the view at the medieval view (3)
Pallenis spinosa – Spiny Starwort (8)
Santolina chamaecyparissus - Lavender-cotton – dry gravel-bed (7)
Santolina rosmarinifolia – a lavender cotton – dry gravel-bed (7)
Senecio jacobaea - Common Ragwort

Stachelina dubia – Stachelina
Taraxacum officinale s.l. – Dandelion
Taraxacum palustre – Alpine Dandelion
Tragopogon pratensis - Goat's-beard
Volutaria lippii – a delicate small headed aster, dry gravel-bed (7)

MONOCOTYLEDONS

Liliaceae

Allium schoenoprasum – Chives
Anthericum liliago - St Bernard's Lily: [Starry white flowers (loose raceme); basal leaves]
Aphyllanthes monspeliensis - Blue Aphyllanthes: [Like tough rush tuft with starry blue flowers]
Asparagus acutifolius – Wild Asparagus – often referred to as Asparagus fern (3)
Asphodelus albus – Asphodel
Fritillaria pyrenaica – Pyrenean Snakeshead (4)
Hyacinthus amethystinus – Pyrenean Hyacinth (2 & 4)
Lilium pyrenaicum - Pyrenean Lily in leaf (5)
Narthecium ossifragum - Bog Asphodel – gone over in the marshy bit of the orchid field (4)
Polygonatum multiflorum - Common Solomon's-seal – rock crevice (5)
Ruscus aculeatus - Butcher's Broom
Scilla lilio-hyacinthus - Pyrenean Squill
Scilla verna - Spring Squill

Dioscoreaceae

Tamus communis - Black Bryony

Iridaceae

Gladiolus illyricus - Wild Gladiolus – only seen from the vehicles (3)
Iris foetidissima – Stinking Iris – a lovely flower along the cliff wall (3)

Orchidaceae

Aceras anthropophorum - Man Orchid
Anacamptis pyramidalis - Pyramidal Orchid
Cephalanthera damasonium - White Helleborine
Cephalanthera longifolia - Sword-leaved Helleborine
Coeloglossum viride - Frog Orchid
Cypripedium calceolus – Lady's Slipper
Dactylorhiza fuchsii - Common Spotted-orchid
Dactylorhiza incarnata – Early Marsh Orchid
Dactylorhiza majalis – Broad-leaved Marsh Orchid
Dactylorhiza majalis alpestris - a marsh orchid
Dactylorhiza sambucina – Elder-flowered Orchid (both colour morphs)
Epipactis tremolsii - a Helleborine
Gymnadenia conopsea - Fragrant Orchid
Listera ovata - Common Twayblade
Neottia nidus-avis - Bird's-nest Orchid
Nigritella austriaca - a vanilla orchid
Ophrys apifera - Bee Orchid
Orchis coriophora - Bug Orchid
Orchis coriophora subsp. fragrans – a bug orchid
Orchis militaris – Military Orchid
Orchis ustulata - Burnt-tip Orchid
Platanthera bifolia - Lesser Butterfly-orchid
Platanthera chlorantha - Greater Butterfly-orchid