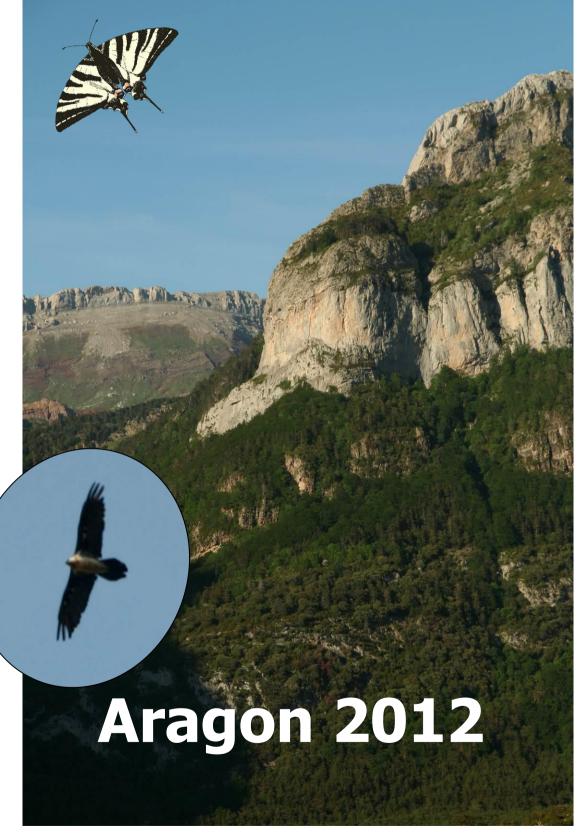
WILDLIFE TRAVEL



#	DATE	LOCATIONS & NOTES
		Arrive Bilbao
1	27 th May	Transfer to Hotel Uson, Echo Valley
2	28 th May	Upper Echo Valley: Selva de Oza: Boca de lo Infierno
3	29 th May	Alastuey
4	30 th May	Gabardito
5	31 st May	Val d'Espetal and Siresa
6	1 st June	San Juan de la Peña
7	2 nd June	Upper Echo Valley
8	3 rd June	Back to Bilbao

LIST OF TRAVELLERS

Leader Philip Precey Charlie Rugeroni

A gallery of some of Philip's photos from the holiday can be seen on Wildlife Travel's Flickr site, at http://www.flickr.com/photos/wildlifetravel/sets/72157629957090894/

A useful website is the Flora de Aragon: not complete, and with one or two errors, but still a very good collection of photos and useful in putting names to some of the plants we found. http://flora-aragon.blogspot.com.es/

Report written by Philip, with help with the plant list from Charlie: any omissions or mistakes are entirely mine.

Day One: 27th May. Arrival and transfer to Echo Valley

After a very straightforward flight from Stansted, we arrived safely at Bilbao where we met up with Lynne and Jane, and with Javier, our driver for the next few days. The drive took us across the south of the Pyrenees, with our first (of many!) Griffon Vultures and both Black and Red Kites seen from the bus, before arriving at the hotel, to be greeted by the sound of singing Serin, some spectacular scenery and our hosts for the week, Lucia and Imanol.

Day Two: 28th May. Upper Echo Valley

For our first day in the mountains, we headed up to the head of the road to explore the meadows just above the treeline.

Everywhere we looked, there seemed to be new and interesting wild flowers: masses of orchids included both Early Purple and Lang's Orchids growing confusingly side by side, one or two dainty Burnt-tip Orchids, a hillside of the lovely creamy yellow Elder-flowered Orchid, with plenty of the lovely orangey-pink coloured variety, and sturdy spikes of the deep red-purple *Dactylorhiza majalis* in the damper areas. Gentians included the smaller Spring Gentian and the larger, slightly less vivid blue Pyrenean Trumpet Gentian. Wet flushes in the meadow, and on the rocky cliffs were home to Large-flowered Butterwort, together with Pyrenean Lousewort in the marshy areas.

Around the puddles on the road, we watched both Common and Spanish (formerly Scarce) Swallowtails 'puddling' (feeding on the salts in the wet mud), along with lots of Grizzled and Dingy Skippers, Small Tortoiseshells and a single lovely Camberwell Beauty.

Overhead a pair of Ravens played, Griffon Vultures drifted over the mountain tops and a small group of Red-billed Chough played around the meadows higher up. A male Red-backed Shrike was on bushes towards the higher carpark, while on the stream both Grey and White Wagtails bobbed and a Dipper wizzed past.

After our lunch, we rejoined the bus and headed down to the woodland at Selva de Oza, where a short walk through the wood took us to the Neolithic stone circle of Corona de los Muertos. The stones themselves may have been a little underwhelming, but a Red Squirrel was a welcome sight for some, as was the spectacular Fire Salamander found under a log, of the brightly striped local subspecies *fastuosa*. A second adult was found down in the stream, with interesting plants nearby including Wood Saxifrage and Purple Toothwort.

We finished the day with a walk along the gorge, towards (and, for some, through) the Boca del Infierno. There continued to be interesting plants to see virtually at every step of the way, including two species of Globularia (*Globularia nudicaulis* with tall, leafless stems and the smaller, creeping *G.repens*); numerous impressive plants of the locally endemic Pyrenean Saxifrage, with one or two almost out in flower (something to look forward to later in the week); a lovely creamy yellow and deep orange pea *Lathyrus occidentalis*; and the beautiful pale-pink local subspecies *pyrenaicum* of Common Rockrose.

Day Three: 29th May. Alastuey and Echo

Today we headed down both to lower elevations and lower latitudes, to the hilltop village of Alastuey from where we walked down the quiet lane back to the main road in the Aragon Valley.

The wildlife started even before we got off the bus, with a young Ladder Snake crossing the road in front of us.

After a quick exploration of the sleepy little village, with House Sparrows nesting under the eaves and an impressive variety of thistles, we slowly made our way back down the road...

The habitat today was completely different to yesterday, passing through very Mediterranean, at times almost arid scrub vegetation, into warm oak woodland lower down. The plants were obviously very different, with plenty of new things for us to pour over: three very impressive flaxes in the form of the white *Linum suffruticosum*, the bright yellow *Linum campanulatum* and the taller, deep blue *Linum narbonense*; a nice plant of the local birthwort *Aristolochia pistolochia*, the foodplant of the Spanish Festoon; *Kohlraushcia velutina*, the mini-pink; hillsides of the pink Shrubby Restharrow *Ononis fruticosa;* and several puzzling oak trees which eventually worked out to include all three local oaks: the very holly-leafed *Quercus coccifera*, the taller *Quercus ilex* with leathery leaves, and the more 'typical' oak tree *Q. cerrioides*, a Spanish endemic and an endangered plant!

For the birders, the highlight of the day was probably the adult Lammergeier who appeared overhead, giving us all the chance to see this local speciality, and to appreciate the difference in shape and colour from the more common Griffons. His appearance heralded the start of a great stream of Griffon Vultures overhead, at least a hundred who gathered together in two towering thermals further down the valley, and drawing in two Egyptian Vultures in the process. Other raptors during the day included several Black and Red Kites and a nice pale phase Booted Eagle.

Smaller fare came in the form of a few Bee-eaters, singing Western Bonelli's Warbler and Melodious Warblers, and a couple of glimpses of what were probably Western Subalpine Warblers, but alas they never showed themselves properly.

Butterflies today included plenty of blues: mainly Adonis, Small and Common Blue, with a couple each of the smart Green-underside Blue and the large, pale Spanish Chalkhill Blue, here at the very northern edge of its range, and the very start of their flight season. One or two smart Blackveined Whites were around, and fritillaries included fly-past Cardinal, a very skittish Marsh Fritillary and both Glanville and Provencal Fritillaries near where we got down to the river. Dingy and Grizzled Skipper were again common around the wet areas, with a single smart Oberthur's Grizzled Skipper posing nicely for us after the rain. And today's 'big boys' were several Spanish Swallowtails and a perfectly-timed Spanish Festoon.

Finally back at the bus, we headed back up the valley to the village of Echo, where a welcome ice cream stop preceded an exploration of the village, with its characteristic local chimneys. As we got back on the bus to return to the hotel, three Egyptian Vultures appeared overhead, putting on a nice display.

Day Four: 30th May. Gabardito

Today's excursion took us up the windy road to the Gabardito Refugio, on the opposite side of the valley to the hotel, passing Roe Deer and Red Squirrel on the way.

Our first target was Citril Finch, and after a little searching we found a pair feeding unobtrusively on dandelions on the road verge near the larger car park. A Green Woodpecker and a little party of Linnet were also in the area.

Walking through the woods, past Green-flowered and One-flowered Wintergreens, we came to the famous cliff: "go round the corner, and then watch around the obvious crack" sounded like

such simple instructions last night! Who knew there would be quite so many 'obvious' cracks?? Rock Jasmine and gentians distracted some of us, while others began to scan the rock for movement. Plenty of movement was to be had, in the form of Crag Martins, Black Redstart, a singing Rock Bunting and a brief Alpine Swift. And then, just as necks were beginning to weary and the the troops were getting restless, a small dark bird flopped in from the right and began to shuffle across the vertical rocks, characteristically flicking his black and red wings open all the time: a lovely male Wallcreeper. Success!

Lunch was had back out on the grassy meadow at the Refugio. We then took the bus for the first few kilometres of the road back down the hill, before walking the rest, through the woods. Swordleaved Helleborine were compared with the nearby larger, creamier-flowered White Helleborine; some splendid Lady Orchids grew on the verges; a lovely two-toned purple vetch was identified as Bitter Vetch; a family part of Firecrests flitted restlessly about the top of the pines; a brief Lammergeier flew overhead. And a lot else besides!

Day Five: 31st May. Val d'Espetal

Another sunny day, another walk through the beautiful Aragonese countryside. Today we headed a little way south to the Val d'Espetal, walking up towards the head of the valley before heading back down the west side and ending up in the little village of Siresa, home to the oldest church in Aragon.

Western Bonelli's and Garden Warblers sang, with a male Western Subalpine Warbler singing in the short scrub towards the end of the walk, near the 'drop off'. Red Kite, Black Kite and at least 3 Egyptian Vultures flew overhead, while large numbers of House Martins collected mud to build their nests on the nearby church.

Butterflies included some very confiding Spanish Swallowtails, loads of Wood White, a flypast male Cleopatra, several Wall Browns and both Queen of Spain and Duke of Burgundy.

For the botanists, both Woodcock and Fly Orchids were new, as well as Pyrenean Germander near our lunch stop, Spiked Rampion in the local blue form, a wet ditch full of Water Cress, Brooklime, Blue Water Speedwell and Water Figwort.

Day Six: 1st June. San Juan de la Peña

Today we left the Echo valley and drove eastwards towards the isolated massif of San Juan de la Peña. Here we explored the two monasteries, the older dating back to the 9th century and providing a suitable habitat for *Petrocoptis hispanica* and not-yet-in-flower *Valeriana longiflora* while the younger was home to nesting Black Redstarts and Crag Martins.

In the pine trees near the car park some of us enjoyed a little party of Crossbills as well as a confiding Red Squirrel, but alas no sign of any Black Woodpeckers.

From the viewpoints, the views out over the Depression, with the High Pyrenees spread out in front of us were pretty spectacular. From here we also enjoyed good views of both Griffon and Egyptian Vultures, as well as a nice Goshawk passing by and a couple of Crested Tits in the pines.

The plant highlight of the day was Ramonda, a beautiful purple relative of African Violets, of which we eventually got excellent views, if a bit precariously. Other good plants included *Saxifraga longifolia* in full flower, Grass-leaved Buttercup, Wild Tulips of the *australis* subspecies in an area disturbed by Wild Boar, and a patch of the bizarre "Brownbell" *Dipcadi serotinum*.

Day Seven: 2nd June. Upper Echo Valley

After a walk through the impressive Boca del Infierno for those who missed it at the start of the week, we headed back up to the head of the valley, to spend the day heading as high as we could along the gentle track.

New orchids came in the form of a single spike of Dense-flowered Orchid early on, and plenty of Frog Orchids for those who went the furthest up the valley.

The roadside ditch stream was full of amphibians: large numbers of tadpoles, plenty of young Fire Salamanders and lots and lots of courting Palmate Newts. How long the water will stay in the current warm weather is anyone's guess...

As we got higher, high altitude butterflies began to appear: in particular, the very dark Piedmont Ringlet, several large white Clouded Apollos and a couple of flypasts by the Apollo, with his red eye spots. Large numbers of Small Blue and Grizzled Skippers collected around the puddles.

At least four Alpine Marmots were great to see, as they watched us warily from outside their burrows, occasionally whistling their alarm call.

At our lunch stop, in the shade by a stream, we enjoyed a Camberwell Beauty, a couple of spikes of the lovely Dragon's Mouth, and a young Golden Eagle who put on a real show, soaring overhead, landing on the top of the ridge and then being chased ever higher by an angry pack of Red-billed Chough.

And all afternoon, so it seemed, Lammergeier's were in sight. Maybe only two or three birds, but we had at least eight sightings, including two birds together heading up the valley, and later one heading down at head height, giving some very memorable views!

Back at the bus, a thunder storm skimmed around us, with lightning flashing over the mountains while a Lammergeier circled in the distance. Brilliant.

ARAGON 2012: some highlights



Top: Spanish Swallowtail First row, I to r: *Gentiana occidentalis* and Western Green Lizard second row, I to r: Lady Orchid, *Horminum pyrenaicum, Tulipa sylvestris ssp australis* and Fire Salamander

ENGLISH NAME	LATIN NAME	f	÷	f	f	ът.			
		27世	28 th	29 th	30 th	31^{st}	1st	2 nd	βrd
Family Ardeidae (Hero	ons)								
Grey Heron	Ardea cinerea	Х		Х			Х		Х
	awks, Eagles and Vultures)								
Griffon Vulture	Gyps fulvus	X	Х	Х	Х	Х	Х	Х	Х
Egyptian Vulture	Neophron percnopterus		Х	Х		Х	Х	Х	╞
Lammergeier	Gypaetus barbatus		v	Х	Х			X	+
Short-toed Eagle Booted Eagle	Circaetus gallicus Aquila fasciata		Х	x			х	Х	-
Golden Eagle	Aquila Tasciala Aquila chrysaetos			^			^	х	+
Common Buzzard	Buteo buteo	x	х			х		^ X	Х
Black Kite	Milvus migrans	× ×	^	х		^ X	х	^ X	^ X
Red Kite	Milvus milvus	X		X		X	X	^	X
Honey Buzzard	Pernis apivorus	~ ~ ~		^	х	^	^	х	Ê
Goshawk	Accipiter gentilis				^		х	^	+
Family Falconidae (Fal							~	1	
Kestrel	Falco tinnunculus	Х	Х	Х	Х			Х	Х
Peregrine	Falco peregrinus		X						-
Family Columbidae (Pi									
Rock Dove/Feral Pigeon	Columba livia	Х	Х	Х		Х	Х	Х	Х
Woodpigeon	Columba palumbus			Х		Х	Х		х
Collared Dove	Streptopelia decaocto	x	Х	Х					Х
Family Cuculidae (Cuc									
Cuckoo	Cuculus canorus			Н		Н			
Family Apodidae (Swif	its)								
Swift	Apus apus		Х	Х	Х	Х	Х	Х	Х
Alpine Swift	Apus melba				Х	1	1	1	1
Family Meropidae (Bee	e-eaters)								
Bee-eater	Merops apiaster			Х					
Family Picidae (Woodp	peckers)								
Green Woodpecker	Picus viridis				Х			Н	
Great Spotted Woodpecker	Dendrocopos major		Х				Н		
Family Alaudidae (Larl				-					
Crested Lark	Galerida cristata	Х							Х
	Swallows and Martins)								
Swallow	Hirundo rustica	X	Х	Х	Х	Х	Х	Х	Х
House Martin	Delichon urbica	х	Х	Х	Х	Х	Х	Х	Х
Crag Martin	Ptyonoprogne rupestris		Х	Х	Х	Х	Х	Х	Х
Family Motacillidae (W			V	V	V		V	V	V
White Wagtail Grey Wagtail	Motacilla (alba) alba Motacilla cinerea		X X	Х	Х	v	Х	X	Х
, ,			X			Х		Х	
Family Turdidae (Thru Nightingale	Luscinia megarhynchos			Н		Н			F
Robin	Erithacus rubecula			п	х	н	х	х	-
Black Redstart	Phoenicurus ochruros		х	х	^ X	X	^ X	^ X	+
Northern Wheatear	Oenanthe oenanthe		^	X	^	^	^	^	+
Common Stonechat	Saxicola torquata			X					+
Song Thrush	Turdus philomelos		х	X	х	х	х	+	┢
Mistle Thrush	Turdus piniomeios		X	<u>^</u>	X	<u> </u>	^ X	х	┢
Blackbird	Turdus viscivolus		X	х	x	х	^ X	x	х
Family Sylviidae (Warl			^	^	~	^	^	~	
Garden Warbler	Sylvia borin		Х		Н	Х	Х		ſ
			T			н	X	х	

ENGLISH NAME	LATIN NAME		27 th	28 th	29 th	30 th	31 st	1st	2 nd	3rd
Western Subalpine Warbler	Sylvia cantillans						Х			
Melodious Warbler	Hippolais polyglotta				Х					
Western Bonelli's Warbler	Phylloscopus bonelli				Х	Х	Х	Н		
 Chiffchaff	Phylloscopus collybita					Х	Н	Н		-
 Firecrest	Regulus ignicapillus			Х		Х	Н	Н		
Family Troglodytidae (Wrens)										
Wren	Troglodytes troglodytes			Х	Х	Х	Н	Н		
Family Prunellidae (Accentors										
Dunnock	Prunella modularis			Х		Х		Х	Х	
Family Paridae (Tits)										
Great Tit	Parus major			Х	Х	Х	Х	Х	Х	
Blue Tit	Cyanistes caeruleus			Х		Х	Х	Х	Х	-
Coal Tit	, Periparus ater			Х		Х	Х	Х	Х	
Crested Tit	Lophophanes cristatus			X	-	-	X	X	-	┢
Family Aegithalidae (Long-tai										
Long-tailed Tit	Aegithalos caudatus			Х	Х	Х	Х	Х		F
Family Certhiidae (Treecreepe	•			~	~	~	Λ	~		
Treecreeper	Certhia familiaris			Х				Х		-
1				Λ				Λ		
Family Tichodromidae (Wallcr Wallcreeper	eeper) Tichodroma muraria	One male showed well, event	برالحير	on	tha c	liff fa	ico at	- Cab	ardit	
•	nchouronna murana	One male showed well, event	ualiy	, 011				. Gau	aiuit	5
Family Sittidae (Nuthatches)	Sitta europea					Х		Х		F
	Silla europea					^		^		
Family Laniidae (Shrikes) Red-backed Shrike	Lanius collurio			V	V				V	-
				Х	X				X	┢
Woodchat Shrike	Lanius senator				Х					
Family Corvidae (Crows)	Qian wing		V	V	V	V	V	V	V	V
Magpie	Pica pica		Х	Х	х	X X	X X	X	X	Х
Jay	Garrulus glandarius			Х	V			Х	Х	┢
Jackdaw	Corvus monedula			v	Х	Х	Х	Х	V	<u> </u>
Red-billed Chough	Pyrrhocorax pyrrhocorax			Х		Х			Х	
Raven	Corvus corax			Х		Х	Х	Х	Х	
Rook	Corvus frugilegus		Х				Х	Х		Х
Carrion Crow	Corvus corone			Х				Х	Х	Х
Family Sturnidae (Starlings)										
Spotless Starling	Sturnus unicolor				Х			Х		Х
Family Passeridae (Sparrows)										
House Sparrow	Passer domesticus		Х	Х	Х	Х	Х	Х	Х	Х
Family Fringillidae (Finches)										
Chaffinch	Fringilla coelebs		Х	Х	Х	Х	Х	Х	Х	
Linnet	Carduelis cannabina			Х		Х			Х	
Goldfinch	Carduelis carduelis			Х	Х	Х	Х	Х		
Greenfinch	Carduelis chloris									Х
Citril Finch	Carduelis citrinella					Х				Ĺ
	Serinus serinus		Х	Х	Х	Х	Х	Х	Х	
 Serin			Х	Х	Х			Х		
Serin Bullfinch	Pyrrhula pyrrhula		~	~						1
	Pyrrhula pyrrhula Loxia curvirostra		~	~				Х		
Bullfinch Crossbill	Loxia curvirostra		~	X				Х		
Bullfinch	Loxia curvirostra		~	~		X		Х		
Bullfinch Crossbill Family Emberizidae (Buntings	Loxia curvirostra			X		X		X	X	

AMPHIBIANS		
Fire Salamander	Salamandra salamandra ssp fastuosa	2 adults 2 juveniles, Selva de Oza, 28 th Lots of juveniles in ditch, 2 nd
Palmate Newt	Lissotriton helveticus	Common in the ditch, 2nd
Common Toad	Bufo bufo	Several in the stream, upper Echo Valley, 28 th
Iberian Water Frog	Pelophylax perezi	The noisy frogs in Alastuey valley, 29 th .
Common Frog	Rana temporaria	Upper Echo Valley, 28 th
REPTILES		
Western Green Lizard	Lacerta bilineata	Common, the large lizard
Common Wall Lizard	Podarcis muralis	Common, eg upper Echo Valley
Southern Smooth Snake	Coronella girondica	One very brief sighting, going into a hole, 2nd
Ladder Snake	Rhinechis scalaris	A juv across the road, Alastuey
MAMMALS		
Wild Boar	Sus scrofa	Plenty of feeding signs everywhere.
Roe Deer	Capreolus capreolus	Gabardito, 30 th ; Upper Echo Valley, 2 nd
Brown Hare	Lepus europaeus	One ran up the hotel drive, 27 th
Red Squirrel	Sciurus vulgaris	Selva de Oza, 28 th ; Gabardito, 30 th ; San Juan, 1st
Alpine Marmot	Marmota marmota	4+, upper Echo Valley, 2nd
Weasel	Mustela nivalis	One near the hotel, 31 st

Swallowtail	Papilio machon	28 th , 31 st , 2 nd
Spanish Swallowtail	Iphiclides feisthamelii	28 th , 29 th , 30 th , 31 st , 1 st , 2 nd
Spanish Festoon	Zerynthia rumina	29 th
Apollo	Parnassius apollo	2 or 3 in the high valley, 2 nd
Clouded Apollo	Parnassius Mnemosyne	10+, without the red spots, 2 nd
Grizzled Skipper	Pyrgus malvae	28 th , 29 th , 30 th , 31 st , 2 nd
Oberthur's Grizzled Skipper	Pyrgus armoricanus	larger & paler than Grizzled. 29 th
Dingy Skipper	Erynnis tages	28 th , 29 th , 30 th , 31 st , 2 nd
Green Hairstreak	Callophrys rubi	29 th
Small Blue	Cupido minimus	28 th , 29 th , 30 th , 31 st , 2 nd
Common Blue	Polyommatus Icarus	29 th , 30 th , 31 st , 2 nd
Adonis Blue	Lysandra bellargus	29 th
Spanish Chalkhill Blue	Lysandra albicans	Very pale above. 29 th
Green-underside Blue	Glaucopsyche alexis	29 th
Duke of Burgundy	Hamaeris lucina	30 th , 31 st , 1 st , 2 nd
Black-veined White	Aporia crataegi	29 th , 1 st
Green-veined White	Pieri napi	30 th , 31 st , 2 nd
Large White	Pieris brassicae	29 th , 30 th , 31 st , 1 st , 2 nd
Wood White	Leptidea sinapis	28 ^{th,} 29 th , 30 th , 31 st , 1 st ,
Brimstone	Gonopteryx rhamni	28 th , 29 th , 30 th , 31 st , 2 nd
Cleopatra	Gonopteryx Cleopatra	1 male, 31 st
Clouded Yellow	Colias crocea	28 th , 29 th , 30 th , 31 st , 1 st , 2 nd
Orange-tip	Anthocharis cardamines	28 th , 29 th , 30 th , 31 st , 1 st , 2 nd
Pearl-bordered Fritillary	Boloria euphrosyne	28 th , 30 th , 31 st
Provencal Fritillary	Mellicta dejone	28 th , 29 th
Glanville Fritillary	Melitaea cinxia	29 th
Marsh Fritillary	Euphydryas aurinia	29th
Cardinal	Argynnis pandora	29 th , 30 th
Queen of Spain	Issoria lathonia	Always in the sun. 28 th , 31 st , 2 nd
Camberwell Beauty	Nymphalis antiopa	28 th , 29 th , 2 nd
Small Tortoiseshell	Aglais urticae	28 th , 29 th , 30 th ,31 st , 1 st , 2 nd
Painted Lady	Vanessa cardui	28 th , 29 th , 30 th , 31 st , 2 nd
Red Admiral	Vanessa atalanta	30 th
Wall Brown	Lassiomata megera	28 th , 29 th , 31 st , 1 st , 2 nd
Piedmont Ringlet	Erebia meolans	The very dark butterfly. 2nd

OTHERS		
Hummingbird Hawk Moth	Macroglossum stellatarum	28 th , 29 th , 2 nd
Silver Y	Autographa gamma	31 st
an Oil Beetle	Meloe sp	One big male, Alastuey, 29th.
Green Tiger Beetle	Cicindela campestris	31 st
a Stick Insect	Leptynia hispanica	One small individual, 29 th .
Violet Carpenter Bee	Xyolcopa violacea	the flying black olive
Broad-bodied Chaser	Libellula depressa	Several on the pond, San Juan, 1 st
Red-veined Darter	Sympetrum fonscomblei	2 males on the pond, San Juan, 1^{st}
Emperor	Anax imperator	1 male on the pond, San Juan, 1^{st}
an Ascalaphid	Libelloides sp	Several around San Juan, 1 st

Selected Plant Species (not intended to be a comprehensive list)

SCIENTIFIC NAME	ENGLISH NAME	Notes	First see
FERNS Adiantum capillus-veneris	Maidenhair Fern		20 th
Asplenium trichomanes	Maidenhair Spleenwort		20 th
Asplenium ruta-muraria	Wall Rue		20 nd
Ceterach officinarum	Rusty-back Fern		29 th
Dryopteris affinis	Scaly Male Fern		2.9 28 th
Dryopteris erythrosora	Hard Buckler Fern		28 th
Polystichum setiferum	Soft Shield Fern		20 28 th
CONIFERS	Solt Shield Ferri		20
Cupressaceae Juniperus communis	Juniper		28 th
Pinaceae	Julipei		20
Abies alba	European Silver Fir		28th
Pinus sylvestris	Scots Pine		28 th
DICOTYLEDONS			
Apiaceae			
Conopodium majus	Pignut		28 th
Conopodium pyrenaicum	5		30 th
Sanicula europea	Sanicle	In the woods	30 th
Aristolochiaceae			
Aristolochia pistolochia		Foodplant of Spanish Festoon	29 th
Asclepediaceae			
Vincetoxicum hirundaria	Swallow-wort	Poisonous	29 th
Asteraceae			
Antennaria dioica	Mountain Everlasting	= Cat's-foot	2 nd
Carduncellus monspelliensium		The dwarf blue thistle	31 st
Chamaemelum nobile			29 th
Helichrysum stoechas			29 th
Lactuca muralis	Wall Lettuce		30 th
Lactuca perennis	Blue Lettuce	The blue composite along the roadside	30 th
Onopordum acanthium	Scotch Thistle	Alastuey village	29 th
Santolina chamaecyparissus	Cotton Lavender		29 th
Silybum marianum	Milk Thistle	With variegated/white-veined leaves	29 th
Tragopogon pratensis	Goat's Beard		31 st
Boraginaceae			
Cynoglossum creticum	Blue Hound's Tongue	Alastuey village	29 th
Lithodora diffusa		Deep blue flowers	29 th
Lithospermum officinale	Common Gromwell		28 th
Pulmonaria officinalis	Common Lungwort	Spotted leaves	28 th
Brassicaceae			
Cardamine impatiens	Narrow-leaved Bittercress		28 th
Cardamine raphanifolia	Radish-leaved Bittercress	Purple flowers, along streamsides	2 nd
Iberis amara	Wild Candytuft		31 st
Rorippa nasturtium-aquaticum	Water Cress	In the wet ditch below Siresa	31 st
Buxaceae			
Buxus sempervirens	Box		28th
Campanulaceae			
Phyteuma spicatum	Spiked Rampion	blue colour form	31 st
Capryfoliaceae			
Lonicera etrusca	Etruscan Honeysuckle	The 'normal' honeysuckle	28 th
Lonicera pyrenaica Lonicera xylosteum	Pyrenean Honeysuckle	The white-flowered bush in the Boca	28 th
	Fly Honeysuckle	Shrubby honeysuckle with twin flowers	28 th

SCIENTIFIC NAME Sambucus ebulus	ENGLISH NAME Dwarf Elder	Notes	First seen
Sambucus ebulus Sambucus racemosa	Alpine Elder	Flowers in racemes, not umbels	30 th
		nowers in facefres, not unders	20
Caryophyllaceae Dianthus deltoides	Maiden Pink	The pink in the grassland, San Juan	1 st
Dianthus monspessulanus	Fringed Pink		28 th
Kohlrauschia velutina		The tiny pink	29 th
Petrocoptis hispanica	Rock Petrocoptis	Growing on the old monastery, San Juan	1 st
Saponaria ocymoides	Rock Soapwort	,,,,	- 28 th
Celastraceae	·····		
Euonymus europaeus	Spindle		31 st
Cistaceae			
Helianthemum apenninum	White Rock-rose		29 th
Helianthemum nummularium	Common Rock-rose	Both yellow and pink flowered forms	28 th
Cornaceae			
Cornus sanguineus	Dogwood		29 th
Crassulaceae			
Sedum acre	Biting Stonecrop		31 st
Sedum sediforme		Common on walls	29 th
Ericaceae			
Arctostaphylos uva-ursi	Bearberry	Creeping over rocks, Alastuey walk	29 th
Vaccinium myrtillus	Bilberry		28 th
Fabaceae			
Anthyllis montana	Mountain Kidney Vetch	Pink flowers	28 th
Anthyllis vulneraria	Common Kidney Vetch	Yellow flowers	28 th
Astragallus monspessulanus	False Vetch	Pink flowers	28 th
Dorycnium pentaphyllum		The white-flowered bush along roadsides	29 th
Echinospartum horridum	Yellow Hedgehog Broom	The spiny dome bushes, San Juan	1 st
Emerus major	False Senna	=Coronilla emerus	28 th
Lathyrus cicero		The small, red pea	29 th
Lathyrus linifolius	Bitter Vetch	Two-toned purple, in the woods	30 th 28 th
Lathyrus occidentalis		pale yellow, with some orange flowers	28 th
Lathyrus sphaericus	Consuling Medial	The tiny, dark red pea	28 th
Medicago suffruticosa	Sprawling Medick Sainfoin		31 st
Onobrychis viccifolia Ononis fruticosa	Shrubby Restharrow	The pink pea bush, Alastuey hillsides	29 th
Trifolium montanum	Mountain Clover	Like very smart White Clover	29* 28 th
Trifolium repens	White Clover		28 th
Vicia cracca	Tufted Vetch		28 th
Vicia hirsuta	Hairy Tare	Tiny flowers	1 st
Vicia pyrenaica	Pyrenean Vetch	Single deep pink flowers	28 th
Vicia sepium	Bush Vetch		28 th
Vicia sylvatica	Wood Vetch	1	28 th
Fagaceae			
Fagus sylvatica	Beech		28 th
Quercus coccifera	Kermes Oak	Shrubby oak, holly leaves	28 th
Quercus ilex	Holly Oak	Leathery leaves, holly-like when young	29 th
Gentianaceae			
Blackstonia perfoliata	Yellow-wort		29 th
Gentiana acaulis	Trumpet Gentian	below the Wallcreeper cliff	30 th
Gentiana lutea	Great Yellow Gentian	Big broad leaves, not in flower yet	2 nd
Gentiana occidentalis	Pyrenean Trumpet Gentian	The big gentian	28 th
Gentiana verna	Spring Gentian	The small gentian	28 th

		29 th
,		28 th
		30 th
	Below the Wallcreeper cliff	30 th
Bloody Cranesbill		28 th
Ramonda	San Juan de la Pena	1st
Small Globularia	White flowers, mat-forming, high up	2 nd
		28 th
		28 th
Common Globularia	Alastuey valley	29 th
	Upper Echo Valley	28 th
Basil Thyme	lower areas	31 st
Pyramidal Bugle		28 th
-	Very dark purple/blue flowers, high up	2nd
-		28 th
		29 th
		28 th
White Horehound		29 th
	The little roadside Salvia	29 th
	Pale yellow and white flowers	29 th
	Creamy white flowers	30 th
Hairy Thyme		28 th
Large-flowered Butterwort	wet flushes and wet rocks	28 th
		29 th
		29 th
		29 th
Narrow-leaved Flax	The mystery white flower, Echo Valley	28 th
Mistletoe	Common in pine trees	28 th
		a ath
Purple Toothwort	Purple, parasitic, Selva de Oza	28 th
weisn Poppy	i ne iovely yellow poppy	2nd
		20**
		29 th
	I ne little plantain with yellow anthers	2 nd
Hoary Plantain		31 st
		20**
Plantain Thrift	I all white I hrift	28 th
Franch C		20th
French Sorrel	Also known as Rubble Dock	28 th
		2.0 th
	Rock Jasmine, near the Wallcreeper cliff	30 th
		29 th
Bird's-eye Primrose	In damp areas higher up	28 th
-		30 th
Green-flowered Wintergreen		30 th 30 th
	Leafless-stemmed Globularia Creeping Globularia Common Globularia Alpine Calamint Basil Thyme Pyramidal Bugle Dragon's Mouth Yellow Archangel Henbit Deadnettle Large Red Deadnettle White Horehound Hairy Thyme Hairy Thyme Large-flowered Butterwort Narrow-leaved Flax Mistletoe Welsh Poppy Branched Plantain Hoary Plantain Hoary Plantain Hoary Plantain Bird's-eye Primrose Bird's-eye Primrose One-flowered Wintergreen	Pyrenean Cranesbill Herb Robert Round-leaved Cranesbill Below the Wallcreeper cliff Bloody Cranesbill San Juan de la Pena Ramonda San Juan de la Pena Small Globularia White flowers, mat-forming, high up Leafless-stemmed Globularia Low, creeping, on rocky cliffs Common Globularia Low, creeping, on rocky dliffs Common Globularia Alastuey valley Alpine Calamint Upper Echo Valley Basil Thyme lower areas Pyramidal Bugle Paragon's Mouth Very dark purple/blue flowers, high up Yellow Archangel Henbit Deadnettle Eg Echo village Large Red Deadnettle Selva de Oza White Horehound Alastuey village Hainy Thyme Creamy white flowers Hainy Thyme Wet flushes and wet rocks The bright yellow flax, Alastuey The large white flax, Alastuey Narrow-leaved Flax The bright yellow flax, Alastuey Narrow-leaved Flax The large white flower, Echo Valley Welsh Poppy The lovely yellow poppy Branched Plantain The little plantain with yellow anthers Hoary Pla

SCIENTIFIC NAME	ENGLISH NAME	Notes	First seen
Ranunculaceae			acth
Aquilegia vulgaris	Common Columbine	Common along the roadsides	28 th
Hepatica nobilis	Hepatica	Tri-lobed leaves, purple flowers	28 th
Ranunculus gramineus	Grass-leaved Buttercup	San Juan	1 st
Thalictrum tuberosum		The tall white 'mystery' buttercup	29 th
Resedaceae			
Reseda lutea	Wild Mignonette		31 st
Reseda phyteuma		The small, ruderal Reseda	29 th
Rhamnaceae			
Rhamnus alartenus	Mediterranean Buckthorn		29 th
Rosaceae			
Alchemilla alpina	Alpine Lady's Mantle	Fingers	28 th
Alchemilla glaucescens	Small Lady's Mantle		30 th
Amelanchier ovalis	Snowy Mespilus	White-flowered shrub in the gorge	28 th
Filipendula vulgaris	Dropwort		30 th
Sanguisorba muricata	Fodder Burnet	Like a large Salad Burnet	29 th
Santalaceae			
Thesium pyrenaicum	Pyrenean Bastard Toadflax	5 petals	29 th
Sapindaceae			
Acer campestris	Field Maple		28 th
Acer monspessulanum	Montpellier Maple	Three-lobed leaves, small tree	29 th
Acer opalus	Italian Maple	More rounded lobes than campestris	28 th
Saxifragaceae			
Saxifraga granulata	Meadow Saxifrage		28 th
Saxifraga longifolia	Pyrenean Saxifrage	Long flower spikes, turbans of leaves	28 th
Saxifraga umbrosa	Wood Saxifrage	2 yellow and 4 pink dots on the petals!	28 th
Scrophulariaceae	-		
Antirrhinum majus	Common Snapdragon		28 th
Chaenorhinum crassifolium		Small, pale purple mini-snapdragon	28 th
Erinus alpinus	Fairy Foxglove		28 th
Linaria alpina	Alpine Toadflax	Small purple toadflax, sprawling	28 th
Linaria supina	Pyrenean Toadflax	The upright yellow toadflax	30 th
Pedicularis pyrenaica	Pyrenean Lousewort	Wet flushes, upper Echo Valley	28 th
Scrophularia aquatica	Water Figwort	Wet ditch below Siresa	31 st
Scrophularia canina	French Figwort	Very cut leaves, roadside	29 th
Scrophularia scopolii	Italian Figwort	Very broad leaves	30 th
Veronica orsiniana		Pretending to be V. spicata!	28 th
		receiving to be v. spieda.	20
Tiliaceae Tilia platyphyllos	Large-leaved Lime		28 th
			20
Thymelaceae Daphne laureola	Spurge Laurel	Selva de Oza	28 th
, ,	Spuige Laurei	Selva de Oza	20
Valerianaceae Centranthus ruber	Red Valerian		27 th
Valeriana longiflora	Long-flowered Valerian	Leaves only, like scurvy grass, San Juan	1st
Valeriana pyrenaica	Pyrenean Valerian		28 th
Valerianella locusta	Corn Salad		31 st
			30 th
Asparagaceae	St Bernard's Lily	The showy white 'asphodel'	50
Asparagaceae Anthericum liliago	St Bernard's Lily Rush Lily	The showy white 'asphodel' Blue flowers	29 th
Asparagaceae Anthericum liliago Aphyllanthes monspeliensis			
Asparagaceae Anthericum liliago Aphyllanthes monspeliensis Brimeura amethystina	Rush Lily	Blue flowers	29 th
Asparagaceae Anthericum liliago Aphyllanthes monspeliensis Brimeura amethystina	Rush Lily Pyrenean Hyacinth	Blue flowers "blue bell', Gabardito & Echo valley	29 th 30 th
MONOCOTYLEDONS Asparagaceae Anthericum liliago Aphyllanthes monspeliensis Brimeura amethystina Dipcadi serotinum Muscari comosum Muscari neglectum	Rush Lily	Blue flowers "blue bell', Gabardito & Echo valley	29 th 30 th 1 st

SCIENTIFIC NAME	ENGLISH NAME	Notes	First seen
Iridaceae			e eth
Gladiolus ilyricus	Wild Gladiolus		29 th
Liliaceae			t at
Tulipa sylvestris ssp australis	Wild Tulip	Orangey flowers, not open, San Juan	1 st
Xanthorroeaceae			t at
Asphodelus albus	White Asphodel	Chunky asphodel in the woods	1 st
Asphodelus fistulosus			28 th
Orchidaceae			
Anacamptis champagneuxii	Champagne Orchid	San Juan de la Pena, and field by hotel	1 st
Anacamptis pyramidalis	Pyramidal Orchid	Just coming into flower	29 th
Cephalanthera damasonium	White Helleborine	Gabardito, creamy colour	30 th
Cephalanthera longifolia	Sword-leaved Helleborine	Echo Valley, in flower	28 th
Coeloglossum viride	Frog Orchid	Near the big rock, beyond the carpark	2 nd
Dactylorhiza fuchsii	Common Spotted Orchid	Just coming into flower	28 th
Dactylorhiza majalis	Western Marsh Orchid	Sturdy, dark red/purple marsh orchid	28 th
Dactylorhiza sambucina	Elder-flowered Orchid	yellow and orangey-pink forms	28 th
Epipactis helleborine	Broad-leaved Helleborine	Selva de Oza, not out yet	28 th
Gymnadenia conopsea	Fragrant Orchid	Coming down from Alastuey	29 th
Limodorum abortivum	Violet Limodore	Shoots, not yet in flower	30 th
Neottia nidus-avis	Birds-nest Orchid	Not yet in flower	30 th
Ophrys apifera	Bee Orchid	Roadside, down from Alastuey	29 th
Orchis anthropophora	Man Orchid	Before the bridge	30 th
Ophrys insectifera	Fly Orchid	Coming down from Val d'Espetal	31 st
Ophrys scolopax	Woodcock Orchid	Val d'Espetal	31 st
Ophrys sphegodes	Early Spider Orchid	Alastuey walk & San Juan de la Pena	29 th
Orchis intacta	Dense-flowered Orchid	One spike	2nd
Orchis langei	Lang's Orchid	The 'looser' purple orchid	28 th
Orchis mascula	Early Purple Orchid	The sturdy orchid, higher up	28 th
Orchis purpurea	Lady Orchid	Gone over at Alastuey, out at Gabardito	29 th
Orchis ustulata	Burnt-tip Orchid	Eg Upper Echo Valley	28 th
Platanthera bifolia	Lesser Butterfly Orchid	Parallel pollinia	29 th
Platanthera chlorata	Greater Butterfly Orchid	Diverging pollinia	28 th
Serapias lingua	Tongue Orchid	On the verges around Bilbao airport!	27 th
Poaceae			