

# Catalonia, the Eastern Pyrenees

Naturetrek Tour Report

1 – 8 May 2013

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*Corydalis solida*, Bird-in-a-bush



*Ranunculus pyrenaicus*, Pyrenean Buttercup



*Erythronium dens-canis*, Dog's-tooth Violet



*Euphorbia serrata*

Report and images compiled by Dawn Nelson



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## Day 1

Wednesday 1st May

Weather: Dull at Gatwick, and fine warm and sunny in Catalonia

Upon our arrival in Barcelona, having collected our luggage, we made our way to Terminal B, where we all met up with Dawn and Jaume. We had time for a coffee and a snack while our leaders went off to complete the documentation for our hire vehicles, and we then loaded up and set off. As the tour was in reverse order to the itinerary this year (with the Pyrenees first and then the plains) we had a long drive ahead of us to Espot, our base for the next four nights. However the excitement of a different landscape was appreciated as we passed huge stands of *Arundo donax* (Giant Reed) and *Spartium junceum* (Spanish Broom) along the roadsides and fields full of scarlet *Papaver rhoeas* (Corn Poppies). We made a short stop for some refreshments at Artesa de Segre, where we got views of Black and Red Kite as well as six Griffon Vultures, the latter proved to be a daily standby for this tour. *Antirrhinum sempervirens* (Creeping Snapdragon) was spotted on a wall as we passed through one of the many picturesque villages en route.

## Day 2

Thursday 2nd May

Weather: Sunny at first, clouding over later, rain in the afternoon and heavy snow at high altitudes

For our first day in the field we planned to drive along the beautiful Aran Valley that would take us very close to the French border. We made our first stop at a car park to the south of the Port de la Bonaigua, where we spotted Water Pipit, Yellowhammer and Lesser Kestrel.

Jaume explained the differences in the wing shapes of both Red-billed and Alpine Choughs which we were viewing, this feature being easier to spot, than beak colour, against the light or at a distance. The hill side was still mostly covered with snow due to the very late spring, however some gaps of grassland were showing where we could enjoy a distant Chamois, and find some plants. Jeff spotted a plant of *Erythronium dens-canis* (Dog's-tooth Violet) and from there more plants were seen and duly photographed. These included *Corydalis solida* (Bird-in-a-bush) and *Ranunculus pyrenaicus* (Pyrenean Buttercup). We rejoined the vehicles, and continued on north, over the Port de la Boraigua (2072m or 6798ft) and down the north face of the Pyrenees into the Val d'Aran, through Vielha and Bossost. We stopped for refreshments en route in a village, where a good selection of arable weeds was spotted in a small overgrown plot. These included *Valerianella locusta* (Common Cornsalad) and *Lactuca serriola* (Prickly Lettuce), a Hummingbird Hawk-moth was also seen.

The day's plan was to explore the lowlands of the Aran Valley, and we turned off the road onto a forest track, which took us up through mainly deciduous woodland, with lots of *Prunus avium* (Wild Cherry) in flower. We parked our vehicles at the Refuge near the river and headed up the valley, finding *Pulmonaria officinalis* (Common Lungwort) and a little further up the track *P. longifolia* (Long-leaved Lungwort). Anemones were also a feature here we found *A. ranunculoides* (Yellow Anemone) and *Anemone nemorosa*, (Wood Anemone) as well as *Isopyrum thalictroides* (Rue-leaved Isopyrum); similar looking, but for the fact that it bears several flowers per stem. On our return beside the river, Rosie spotted *Caltha palustris* (Marsh Marigold), and growing in the wall by the refuge were *Asplenium adiantum-nigrum* (Maidenhair Spleenwort) and *Polystichum aculeatus* (Hard Shield-fern). Beside the river, a pair of Grey Wagtails was very active flying up and down the river, possibly setting up a nest.

We had our picnic outside the refuge but the weather began to get colder so several of us went inside for a coffee and to warm up by the roaring log fire, which was being enjoyed by the local populace. As we set off again it began to rain but it didn't stop us noting many clumps of *Viscum album subsp. album* (Mistletoe) growing in *Populus nigra ssp italica* (Lombardy Poplar) and stands of *Asphodelus albus* (White Asphodel) as we drove through the valley to Vila. The rain stopped long enough for us to enjoy a stroll along the lane, finding *Artemisia absinthium* (a Wormwood) which is used in the production of Absinthe, *Salvia verbenaca* a purple flowered Sage, *Foeniculum vulgare* (Fennel) as well as the brilliant blue *Centaurea cyanus* (Cornflower). The afternoon was not good for thermals but despite that we could still enjoy good flights of migrant Honey Buzzard, Short-toed Eagle and Sparrowhawk, as well a Red and Black Kite.

It started to rain again as we set off back over the pass to Espot. As we gained altitude the temperature gauge dropped rapidly and it soon began to snow. With each hairpin bend of the rising road the snow increased and the temperature dropped reaching 0° at the summit. It was an experience we will all remember and such a contrast to the hot sunny weather in the plains we were to experience before the week was out. Today was Tina's birthday and the restaurant provided a huge cake in keeping with its usual oversized portions!

## Day 3

Friday 3rd May

Weather: Sunny but freezing and very cold at first

This morning we planned to go into the Parc Nacional d'Aigüestortes. So following a leisurely breakfast, we made up individual picnic lunches, before driving up the valley of the Riu Escrita River to the boundary car park, where we boarded the National Park, with 4x4 taxis for the final leg of the journey up to Estany de Sant Maurici Lake.

Along the way we saw numerous clumps of both *Helleborus viridis* and *H. foetidus* (Green and Stinking Hellebore). At the point where the taxis dropped us off we were greeted by a completely frozen lake, and stunning snow covered peaks. Jaume filled us in on the history of the area and why, after Franco had visited, it had been designated a National Park. The first plant to note was *Polystichum lonchitis* (Holly Fern). We then started with a gentle stroll downhill, Beth found some rosettes of *Sempervivum tectorum* (Houseleek) and other keen eyed botanists spotted a clump of *Galanthus nivalis* (Snowdrop) still in flower. As we descended we came across first just leaves, then buds and finally flowers on spreading patches of *Arctostaphylos uva-ursi* (Bearberry) and several plants of *Daphne mezereum* (Mezereon), the early flowering Daphne, but still beautifully scented. There were also *Narcissus pseudonarcissus* (Wild Daffodil) and for the entomologists a Bee-fly. In the wet flushes we saw the starfish like, pale yellow leaves of *Pinguicula* sp (Butterwort) and *Chrysosplenium oppositifolium* (Opposite-leaved Golden-saxifrage). At the same spot, while botanists were enjoying Butterwort, Jaume scanned the cliffs over us and we saw a pair of Golden Eagles perched on the top of the rocks, having a rest and probably keeping an eye on their territories.

The forest we were passing through included *Pinus uncinata* (Mountain Pine), *Abies alba* (European Silver fir) and *Juniperus communis* (Juniper). We discussed the difference in the trunks of *Populus tremula* (Aspen) and *Betula pendula* (Silver Birch) since as yet, these had no leaves out. On the way down we came across some hybrid trees that Jaume had been informed of by the National Park warden; as with all hybrids, they tend to occur where the parents meet. In this case it was *Pinus uncinata* (Mountain Pine) from the upper part of the tree zone and *Pinus sylvestris* (Scots Pine) with its distinctive rusty coloured upper trunk, which is more common at slightly lower altitudes. Amongst the pines we had very good views of Crested Tit and also a fantastic view of a male Firecrest sharing its habitat with a Goldcrest.

We took our picnic in a glade with dappled sun and shade, before continuing our walk. Out into the open meadows beside the river we saw banks of *Potentilla aurea* (Golden Cinquefoil). Some natural rock gardens provided rosettes of *Sempervivum arachnoideum* (Cobweb Houseleek) and the lime crusted rosettes of *Saxifraga paniculata* (Live-long Saxifrage) which were found by Terry and Judy, but sadly it was too early for either to be in flower. Bill found and showed us a Bagworm, a most curious caterpillar. One of the last finds was some succulent leaves of *Rumex scutatus* (French Sorrel) in stony places by the path. The birders got excellent views of some nice birds like the Black Redstart and a very active Short-toed Treecreeper. Jaume set up the scope and we all had a wonderful close up view of a Chamois feeding on scrub.

We drove back to Espot and basked in the warm sunshine whilst taking refreshments in the cafe on the edge of the village. Bill, the ever-vigilant, kept us informed of the insect population which included species of *Nomanda* and *Osmia* Bees on the walls and Yellow Dung Beetle. Our last excursion of the day was to the unspoiled village of Estais, just a short drive from Espot. Here we found walls covered in fleshy round leaves of *Umbilicus rupestris* (Navelwort) and some patches of *Saxifraga granulata* (Meadow Saxifrage), as well as wonderful examples of local vernacular architecture. The highlight of the day however proved to be three Lammergeyers (also known as Bearded Vulture) that displayed and performed for us for over half an hour, playing and dropping food to one another as they circled above us. They are huge majestic birds and tend to be favourites of all birders no matter how familiar they are with them. Not to be outdone though, a Griffon Vulture began to circle below us and rose gradually on the thermal, providing an effect reminiscent of a 3D computer image, so we could see it from all angles perfectly. The entire show was lit up by a gentle evening sun, which managed never to make it hard for us to see them.

## Day 4

Saturday 4th May

Weather: Sunny and warm

Our first stop today was just up the road from Espot to see the Black Woodpecker and luck was with us not only did we get several good views but the sun was shining off his scarlet head making it light up like a traffic light. From here we headed south to the Raptor Feeding Station at Cubercs. There was no problem about knowing when we had arrived, as the sky was filled with raptors! We had the most awe inspiring views of 300-400 huge majestic birds feeding just across the valley from where we stood. There were approximately eleven Lammergeyers, five Black Vultures and three Egyptian Vultures. Inside there was also a large screen showing the view from the webcam set much closer to the birds. Once the large raptors began to leave, Black Kites and Ravens moved in, coming down to the ground in search of any scraps left from the feast.

On the way back down the road we had time to stop and look at some of the roadside plants which included *Polygala alpina* (Alpine Milkwort), *Muscari neglectum* (Grape Hyacinth) and *Viscum album subsp. austriacum* (Mistletoe) this subspecies grows on Pine. We had our picnic at Noguera Pallaresa a delightful spot beside the river in warm sunshine. Species found here included *Ornithogalum angustifolium* (Common Star-of-Bethlehem), *Globularia punctata* (Common Globularia) and *Lithospermum arvense* (Corn Gromwell). Jaume with his local knowledge explained to us about *Coriaria myrtifolia* (Redoul) locally known as the Goat Drunker because when goats eat the leaves it makes them act drunkenly. A great treat for many was finding a huge female Common Toad by the pond.

Refreshed by our picnic, we passed through one of the many road tunnels through the gorge and returned along one of the older, narrower roads at Collegats. Here we found *Echium vulgare* (Vipers Bugloss) a plant that Diane and Gill had been keen to see, also *Helianthemum oelandicum ssp. canum* (Hoary Rockrose) and our first Orchid *Cephalanthera longifolia* (Sword-leaved Helleborine) was spotted and identified by Sue. The gorge gave us a good perspective from which to watch Griffon Vulture nests, as well as Crag Martins and a Bonelli's Warbler.

From here we headed back towards Espot for our last night in the Pyrenees, but stopped off along the way for a walk in the Cardos Valley, first crossing a beautiful 12th Century bridge and then following a path by the stream and up to another village. The most exciting find for many was several patches of *Lathraea clandestina* (Purple Toothwort) even those of us familiar with it as a garden or established plant in the UK were delighted by its beauty in this streamside natural setting; it is parasitic on Poplar and Willow mainly. The warmer weather paid off with an extended butterfly list today including Swallowtail, Berger's Clouded Yellow, Adonis Blue and Green Hairstreak.

Back in Espot our host Joseph and his family at Hotel Roca Blanca treated us to Cava and nibbles in the garden accompanied by their huge St. Bernard dog; that was happy to have an overdose of petting. After dinner Jaume took those who were interested on a short excursion down the valley to spot some of the more nocturnal mammals and several were seen including Red Fox, Roe Deer, Fallow Deer, Brown Hare, and Pipistrelle and Daubenton's Bats.

## Day 5

Sunday 5th May

Weather: Sunny and warm but rather windy

Today we said goodbye to Espot and headed for the plains taking a leisurely route with interesting stops along the way.

The first being at Sort, which was one of the first crossing places on the River Noguera Pallaresa in ancient times. We were looking for Wryneck and not only did we see it but we had wonderful sightings for several minutes of it singing in a tree. The botanists admired *Sambucus ebulus* (Dwarf Elder) and *Humulus lupulus* (Hop), sadly too early for either to be in flower. The entomologists found Wall Brown and Small Fritillary butterflies.

Our plan was to have lunch at a mountain-top castle, but we were not the only ones to have this idea. The entire local populace of over five hundred people were celebrating their May festival there. So plan B had to be put into operation. However since everyone else was at the castle we had a village square with convenient picnic area and fantastic panoramic views all to ourselves apart from a very friendly dog who appreciated a few offerings from us. *Jasminum fruticans* (Wild Jasmine) and *Anthemis arvensis* (Corn Chamomile) were noted here. While enjoying our picnic we had very good views of Corn Bunting and Bee-eaters.

The hillsides of the landscape we now drove through were adorned with the flowering trees of *Amelanchier ovalis* (Juneberry) in the same way as the higher Pyrenean mountainsides had been adorned with *Prunus avium* (Wild Cherry). Our last stop of the day was in the pre-Pyrenees at Montsec which translates as The Dry Mountain. We parked at a small car park and walked up through the scrub of *Arctostaphylos uva-ursi* (Bearberry) and *Lavendula angustifolia* (Lavender) which was interspersed with large patches of the diminutive but delightful *Narcissus requienii* (Rush-leaved Jonquil) and even more *Hepatica nobilis* (Hepatica), which we had been seeing in quantity every day, in its full colour range of white, pink and blue and all intermediates. Our short walk up on the top of Montsec gave us a very good view of a Hobby, and a pair of Rock Thrushes. We also had short glimpses of Orphean Warbler and Dartford Warbler. Noted, by our small but knowledgeable group of keen entomologists, was a Leaf Beetle. Over the top, the view of the plains was laid out for us to see. The landscape was amazing from up here, where Bob, Daphne and Carol as well as other members of the group stood gazing in awe and taking photos of both the Snowy Pyrenees and the plains. Our leaders fetched the minibuses and we made the last leg of the journey to Monestir de les Avellanes, our base for the next 3 days.

## Day 6

Monday 6th May

Weather: Sunny and warm

After a hearty breakfast we took a short drive to Mont-roig. We parked our vehicles and walked up the track along the south side of the cliff face, this is a red mountain - a mixture of red sandstone and limestone. Some of the first plants noted included *Pistacia lentiscus* (Mastic Tree) an evergreen shrub or small tree which has pinnate leaves with no terminal leaflet and *P. terebinthus* (Turpentine Tree) a similar but deciduous relation. Both smell strongly of volatile oils hence their common names. Another small shrub that caught our attention was *Lavatera maritima*, as did *Pallenis spinosa* (Pallenis) with its spiny bracts and the purple flowers of *Bitumaria bituminosa* (Pitch Trefoil). In the damper area at the end of the track we found *Anthyllis vulnaria* subsp. *pyrenaica* (Pink Kidney-vetch) and several *Ophrys sphegodes* (Early Spider Orchid). Which due to the wonders of digital photography and modern communications, teamed with botanical expertise, was identified as *O. s. subspecies passionis* by a colleague of Jaume's before our list on the final evening. Mont-roig is a fantastic habitat for rock-loving birds. Providing good cliffs and many holes and shelters enabling us to enjoy a reasonably good number of birds, such as the Rock Thrush, Blue Rock Thrush, Peregrine Falcon, Alpine Swift and Rock Sparrow as well as Crag Martins, and something very interesting, a natural colony of House Martins nesting on the cliff! In the scrub below we could see Subalpine Warbler, Dartford Warbler, Sardinian Warbler, and Rock Bunting, among many other small birds.

This walk proved good for invertebrates; Cleopatra, Spanish Festoon and Baton Blue Butterflies being some of the highlights as well as Tiger Moth Cream Spot, a large Mantis and a rather magnificent Centipede, that Bill found under a rock. On the way back Dawn drew our attention to the strange *Ephedra distachya* (a Joint Pine).

We returned to the Monestir for our picnic in the shade of some huge *Celtis australis* (Nettle Tree). Duly refreshed we headed for the plains seeing the White Storks nesting on cranes and buildings as we passed through Balaguer. Our first stop was to try to see the elusive Golden Oriole. In this residential area there was a large planted tree shedding copious quantities of fluffy seeds, on being asked what it was by Beth, Dawn replied that it was *Populus tremula* (Aspen) based on leaf shape and the pale creamy bark. A little later Jaume explained that many specific numbered clones of Poplars are planted in the area and that this one was a *Populus alba* (White Poplar) based on the colour of the underside of the leaves and local knowledge; to which Dawn defended her original identification. So closer inspection was called for, it was agreed to take a bet on the result, the loser buying the winner an ice cream. Both were correct (or wrong depending on how one looks at it). It turned out to be a hybrid of the two; showing good examples of both parent's characteristics. Here the phenotype of hybrid plants was perfectly demonstrated. But sadly it meant no ice cream for the leaders!

Next to Bellmunt, where we watched two Stone Curlews and a male Little Bustard singing. We saw Thekla Lark, and noted the aroma of *Artemisia herba-alba* (Pyrenean Wormwood) as we crushed it underfoot. In the same spot we could enjoy a pair of Rollers, Bee-eaters, and three Montagu's Harriers, one female and two males!

## Day 7

Tuesday 7th May

Weather: Sunny and warm, but a little hazy

An optional 6.30am start to the nearby Balaguer drylands was attended by most of the group. This produced more good views of Little Bustards, Calandra Larks, Short-toed Lark, Stone Curlews and Red-legged Partridge. As well as a delightful array of arable weeds including the pretty grass *Aegilops geniculata* spotted by Pat and *Silene italic* (Italian Catchfly) looking pristine at this early hour; later in the day it curls up its petals. We also found *Erodium botrys* (a Long-stalked Stork's-bill), huge quantities of *Silybum marianum* (Milk Thistle) and *Fumaria officinalis* (Common Fumitory). Bee-eaters put on a fine display flying past and perching on irrigation poles, so we could photograph them at leisure, a Lesser Kestrel was also seen.

Back at the Monestir after a well earned breakfast, we set off in two groups to explore the grounds. Jaume and the birders found Subalpine Warbler, could hear a Golden Oriole, and were delighted by the elegant White Admiral, a very beautiful butterfly. Dawn accompanied by a different group saw masses of *Thalictrum tuberosum* (Tuberous Meadow Rue) spotted by others who had found it on previous strolls, but not as yet identified. The highlight of the walk however, if not the day or even the tour for some, was finding a pair of Giant Peacock Moths, the largest European moth, mating on *Cupressus sempervirens* (Italian Cypress).

Our next stop was the beautiful medieval village of Monsonis. After alighting we spotted *Tragopogon pornifolius* (Salsify), *Cynoglossum creticum* (Cretan Hound's-tongue) and *Salvia lavendulifolia* (Lavender-leaved Sage) the birders saw their Golden Oriole and a Melodious Warbler. Down the track lined with *Geranium lucidum* (Shining Crane's-bill) and *Acer monspessulanum* (Montepellier Maple) thanks to Ian's sharp eye, we all got good views of a pair of Bonelli's Eagles.



Jaume found us a very pleasing riverside spot that provided sun and shade for our final picnic. Plants discovered here were *Rubia peregrina* (Wild Madder), *Ruscus aculeatus* (Butcher's Broom) and *Euphorbia amygdaloides* (Wood Spurge). After lunch we took more refreshments on the roof terrace of a restaurant in the village and enjoyed yet another spectacular view and sightings of Hoopoe.

This afternoon we visited Estany d'Ivars i Vila-sana a recently restored area wetland area, which being such a different habitat, understandably added hugely to our bird list; the highlights being Purple Swamphen, Purple Heron, Whiskered Tern, Black Tern and Red-crested Pochard.

After dinner several members joined Jaume as he tried to tempt the Scops Owl, which had been heard on the previous two nights, into the open to be illuminated by a torch, sadly it remained elusive, but what did show up and perch on the very top of one of the large trees was a Tawny Owl allowing good views for all who had been patient enough to stay.

## Day 8

Wednesday 8th May

Weather: Sunny and warm

Before leaving for the airport many of us had the urge to keep this tour going for as long as possible. Final botanical finds in the grounds included *Dipcardi serotinum* (Brown Bluebell), *Allium neapolitanum* (Naples Garlic) and *Allium porrum* (Leek). Then as we were about to leave and the minibuses were loaded; it was as if even the wildlife wanted to give us a fond farewell, an Iberian Pond Frog was rescued from under one of the vehicles, Jaume managed to catch it and we all admired it, before finally setting off for Barcelona and to our journeys home or onward...

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## Species Lists

### Plants

<b>Scientific name</b>	<b>Common name</b>	<b>Location</b>
<b>PTERIDOPHYTES</b>		
<b>FERNS &amp; ALLIES</b>		
<b>Aspleniaceae</b>		
<i>Asplenium adiantum-nigrum</i>	Black Spleenwort	Cardos Valley
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	Common
<i>Ceterach officinarum</i>	Rustyback	Low Aran Valley & Monsonis
<b>Dennstaedtiaceae</b>		
<i>Pteridium aquilinum</i>	Bracken	Sort
<b>Dryopteridaceae</b>		
<i>Polystichum aculeatum</i>	Hard Shield-fern	Low Aran Valley
<i>Polystichum setiferum</i>	Soft Shield-fern	Low Aran Valley
<i>Polystichum lonchitis</i>	Holly Fern	Sant Maurici, Aiguestortes National Park
<b>Polypodiaceae</b>		
<i>Polypodium cambricum</i>	Southern Polypody	Cardos Valley
<i>Polypodium vulgare</i>	Common Polypody	Low Aran Valley
<b>PINOPSIDA</b>		
<b>CONIFERS</b>		
<b>Cupressaceae</b>		
<i>Cupressus sempervirens</i>	Italian Cypress	Common
<i>Juniperus communis</i> subsp. <i>communis</i>	Juniper	Common
<i>Juniperus oxycedrus</i>	Prickly Juniper	Mont-roig
<b>Ephedraceae</b>		
<i>Ephedra distachya</i>	a Joint Pine	Mont-roig
<b>Pinaceae</b>		
<i>Abies alba</i>	European Silver Fir	Sant Maurici, Aiguestortes National Park
<i>Pinus halepensis</i>	Aleppo Pine	Common in the Plains
<i>Pinus nigra</i> subsp. <i>nigra</i>	Austrian or Black Pine	Noguera Pallaresa
<i>Pinus mugo</i>	Dwarf Mountain Pine	Sant Maurici, Aiguestortes National Park
<i>Pinus sylvestris</i>	Scot's Pine	Sant Maurici, Aiguestortes National Park
<i>Pinus uncinata</i>	Mountain Pine	Sant Maurici, Aiguestortes National Park
<i>Pinus sylvestris</i> x <i>P. uncinata</i>	a Hybrid Pine	Sant Maurici, Aiguestortes National Park
<b>MAGNOLIOPSIDA</b>		
<b>FLOWERING PLANTS</b>		
<b>Magnoliidae</b>		
<b>Aceraceae</b>		
<i>Acer campestre</i>	Maple Family	Common
<i>Acer monspessulanum</i>	Field Maple	Cubercs & Monsonis
<i>Acer monspessulanum</i>	Montpellier Maple	
<b>Anacardiaceae</b>		
<i>Pistacia lentiscus</i>	Sumach Family	Mont-roig
<i>Pistacia terebinthus</i>	Mastic Tree	Mont-roig
	Turpentine Tree	Mont-roig

Scientific name	Common name	Location
<b>Apiaceae</b>		
<i>Angelica sylvestris</i>	Wild Angelica	Cardos Valley
<i>Eryngium campestre</i>	Field Eryngo	Common
<i>Ferula communis</i>	Giant Fennel	Mont-roig
<i>Foeniculum vulgare</i>	Fennel	Vila
<b>Asteraceae</b>		
<i>Achillea millefolium</i>	Yarrow	Vila
<i>Anthemis arvensis</i>	Corn Chamomile	Frequent
<i>Artemisia absinthium</i>	Wormwood	Frequent
<i>Artemisia herba-alba</i>	Pyrenean Wormwood	Ballague
<i>Bellis perennis</i>	Daisy	Bonaigua
<i>Calendula arvensis</i>	Field Marigold	Mont-roig
<i>Calendula officinalis</i>	Pot Marigold	Estais
<i>Carlina acanthifolius</i>	Acanthus-leaved Carlina Thistle	Sant Maurici, Aiguestortes National Park
<i>Carlina acaulis</i>	Stemless Carlina Thistle	Sant Maurici, Aiguestortes National Park
<i>Carlina vulgaris</i>	Carlina Thistle	Sant Maurici, Aiguestortes National Park
<i>Carduus tenuiflorus</i>	Slender Thistle	Frequent
<i>Centaurea cyanus</i>	Cornflower	Vila
<i>Filago pyramidata</i>	Broad-leaved Cudweed	Mont-roig
<i>Helichrysum stoechas</i>	Curry Plant	Mont-roig
<i>Lactuca serriola</i>	Prickly Lettuce	Common
<i>Onopordum acanthium</i>	Cotton Thistle	Bellmunt
<i>Pallenis spinosa</i>	Pallenis	Mont-roig
<i>Rhaponticum coniferum</i> ( <i>Leuzea conifera</i> )	Leuzea or Cone Knapweed	Moneistir de les Avellanes
<i>Santolina chamaecyparissus</i>	Lavender Cotton	Collegats Gorge
<i>Silybum marianum</i>	Milk Thistle	Common in the Plains
<i>Taraxacum agg.</i>	Dandelion	Common
<i>Tragopogon porrifolius</i>	Salsify	Monsonis
<i>Tragopogon pratensis</i>	Goat's-beard	Ballague
<i>Tussilago farfara</i>	Colt's-foot	Sant Maurici, Aiguestortes National Park
<b>Betulaceae</b>		
<i>Alnus glutinosa</i>	Alder	Estony D'Ivors Vilasonis & driving
<i>Betula pendula</i>	Silver Birch	Common
<i>Corylus avellana</i>	Hazel	Common
<b>Boraginaceae</b>		
<i>Cynoglossum cheirifolium</i>	a Hound's-tongue	Mont Sec
<i>Cynoglossum creticum</i>	Cretan Hound's-tongue	Monsonis
<i>Echium vulgare</i>	Viper's-bugloss	Mont-roig
<i>Lithospermum (Buglossoides) arvense</i>	Corn Gromwell	Noguera Pallaresa
<i>Lithospermum fruticosum</i>	Shrubby Gromwell	Mont-roig
<i>Myosotis arvensis</i>	Field Forget-me-not	Monsonis
<i>Pulmonaria longifolia</i>	Long-leaved Lungwort	Low Aran Valley
<i>Pulmonaria officinalis</i>	Common Lungwort	Low Aran Valley
<b>Brassicaceae</b>		
<i>Beta vulgaris</i>	Beet	Balaguer Drylands
<i>Biscutella sp</i>	a Buckler Mustard	Collegats Gorge
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	Common

<b>Scientific name</b>	<b>Common name</b>	<b>Location</b>
<i>Cardamine raphanifolia</i>	Radish-leaved Bitter-cress	Cardos Valley
<i>Erophila verna</i>	Whitlowgrass	Mont Sec
<i>Eruca</i> sp	a Rocket	Bellmunt
<i>Hesperis laciniatus</i>	Cut-leaved Dame's Violet	Monsonis
<i>Isatis tinctoria</i>	Woad	Vila
<i>Lepidium draba</i>	Hoary Cress	Common
<i>Lunaria annua</i>	Honesty	Frequent
<i>Tlaspi</i> sp	a Penny cress	Vila
<b>Buxaceae</b>	<b>Box Family</b>	
<i>Buxus sempervirens</i>	Box	Common
<b>Caprifoliaceae</b>	<b>Honeysuckle Family</b>	
<i>Sambucus ebulus</i>	Dwarf Elder	Sort
<i>Sambucus nigra</i>	Elder	Bellmunt
<i>Viburnum lantana</i>	Wayfaring Tree	Driving
<b>Caryophyllaceae</b>	<b>Pink Family</b>	
<i>Cerastium arvense</i>	Field Mouse-ear	Common
<i>Saponaria officinalis</i>	Soapwort	Estais
<i>Saponaria ocymoides</i>	Rock Soapwort	Driving
<i>Silene italica</i>	Italian Catchfly	Balaguer Drylands
<i>Silene latifolia</i>	White Campion	Vila
<i>Silene otites</i>	Spanish Catchfly	Moneistir de les Avellanes
<i>Silene vulgaris</i>	Bladder Campion	Monsonis
<i>Stellaria holostea</i>	Greater Stichwort	Common
<b>Cistaceae</b>	<b>Rock-rose Family</b>	
<i>H. nummularium</i> subsp. <i>pyrenaicum</i>	Pink Rock-rose	Mont-roig & Mont Sec
<i>Helianthemum oelandicum</i> subsp. <i>canum</i>	Hoary Rock-rose	Collegats Gorge
<b>Convolvulaceae</b>	<b>Bindweed Family</b>	
<i>Convolvulus cantabrica</i>	Pink Convolvulus	Mont-roig & driving
<b>Coriariaceae</b>	<b>Coriaria Family</b>	
<i>Coriaria myrtifolia</i>	Redoul	Noguera Pallaresa
<b>Cornaceae</b>	<b>Dogwood Family</b>	
<i>Cornus sanguinea</i>	Dogwood	Pobla de Segur
<b>Crassulaceae</b>	<b>Stonecrop Family</b>	
<i>Sedum anglicum</i>	English Stonecrop	Common
<i>Sedum dasyphyllum</i>	Fat-leaved Stonecrop	Cardos Valley
<i>Sedum ochroleucum</i>	Cream Stonecrop	Mont-roig
<i>Sedum telephium</i>	Orpine	Frequent
<i>Sempervivum arachnoideum</i>	Cobweb Houseleek	Sant Maurici, Aiguestortes National Park
<i>Sempervivum tectorum</i>	Houseleek	Sant Maurici, Aiguestortes National Park
<i>Umbilicus rupestris</i>	Wall Pennywort	Estais
<b>Cucurbitaceae</b>	<b>Cucumber Family</b>	
<i>Bryonia dioica</i>	White Bryony	Sort

Scientific name	Common name	Location
<b>Dipsacaceae</b> <i>Dipsacus fullonum</i>	<b>Teasel Family</b> Teasel	Driving
<b>Ericaceae</b> <i>Arctostaphylos uva-ursi</i> <i>Vaccinium myrtillus</i>	<b>Heath family</b> Bearberry Bilberry	Sant Maurici, Aiguestortes National Park Low Aran Valley
<b>Euphorbiaceae</b> <i>Euphorbia amygdaloides</i> <i>Euphorbia characias</i> subsp. <i>characias</i> <i>Euphorbia cyparissias</i> <i>Euphorbia helioscopia</i> <i>Euphorbia serrata</i> <i>Euphorbia terracina</i>	<b>Spurge Family</b> Wood Spurge Mediterranean Spurge Cypress Spurge Sun Spurge -	Monsonis Mont-roig Common Common Common Vila
<b>Fabaceae</b> <i>Anthyllis vulneraria</i> subsp. <i>pyrenaica</i> <i>Astragalus monspessulanus</i> <i>Bituminaria bituminosa</i> <i>Cercis siliquastrum</i> <i>Coronilla emarus</i> <i>Colutea arborescens</i> <i>Erinacea anthyllis</i> <i>Hippocrepis</i> sp <i>Lathyrus setifolius</i> <i>Melilotus indicus</i> <i>Robinia pseudoacacia</i> <i>Spartium junceum</i> <i>Tetragonolobus</i> sp <i>Ulex parviflora</i> <i>Vicia cracca</i> <i>Vicia sativa</i> agg. <i>Vicia sepium</i> <i>Vicia villosa</i>	<b>Pea Family</b> Pink' Kidney-vetch False Vetch Pitch Trefoil Judas Tree False Senna Bladder Senna Hedgehog Broom a Horse-shoe Vetch a Grass-vetchling Small Melilot False Acacia Spanish Broom a Dragon's teeth Small-flowered Gorse Tufted vetch Common Vetch Bush Vetch Fodder Vetch	Mont-roig Ballague Mont-roig Driving Noguera Pallaresa Monsonis Mont Sec Balaguer Drylands Frequent Mont-roig Frequent Monsonis & Driving Noguera Pallaresa Cubercs Monsonis Frequent Sort Vila
<b>Fagaceae</b> <i>Quercus coccifera</i> <i>Quercus ilex</i> <i>Quercus rotundifolia</i>	<b>Oak &amp; Beech Family</b> Kermes Oak Holm Oak a Holm Oak	Common Frequent at lower altitudes Frequent at higher altitudes
<b>Fumariaceae</b> <i>Corydalis solida</i> <i>Fumaria officinalis</i> agg <i>Sarcocapnos enneaphylla</i>	<b>Fumitory Family</b> Bird-in -a-Bush Common Fumitory -	Low Aran Valley Common Mont-roig & Driving
<b>Geraniaceae</b> <i>Erodium botrys</i> <i>Erodium cicutarium</i> <i>Erodium malacoides</i> <i>Geranium lucidum</i> <i>Geranium molle</i> <i>Geranium pyrenaicum</i> <i>Geranium robertianum</i>	<b>Geranium Family</b> a Long-beaked Stork's-bill Common Stork's-bill Mallow-leaved Stork's-bill Shining Crane's-bill Dove's-foot Crane's-bill Hedgerow Crane's-bill Herb Robert	Common in the Plains Common Vila Monsonis Cardos Valley Common Common

Scientific name	Common name	Location
<i>Geranium sanguineum</i>	Bloody Crane's-bill	Driving
<b>Globulariaceae</b>	<b>Globularia Family</b>	
<i>Globularia punctata</i>	Common Globularia	Common
<i>Globularia repens</i>		Sant Maurici, Aiguestortes National Park
<b>Lamiaceae</b>	<b>Dead-nettle Family</b>	
<i>Balota nigra</i>	Black Horehound	Moneistir de les Avellanes
<i>Lavandula angustifolia</i> subsp. <i>pyrenaica</i>	Pyrenean Lavender	Mont Sec
<i>Marrubium vulgare</i>	White Horehound	Belmunt
<i>Phlomis lychnitis</i>	-	Mont-roig
<i>Rosmarinus officinalis</i>	Rosemary	Common
<i>Salvia lavandulifolia</i>	Lavender-leaved Sage	Monsonis
<i>Salvia verbenaca</i>		Common
<i>Sideritis romana</i>	a Sideritis	Mont-roig
<i>Thymus mastichina</i> *	-	Mont-roig
<i>Thymus vulgaris</i>	Garden Thyme	Collegats Gorge
<b>Lentibulariaceae</b>	<b>Bladderwort Family</b>	
<i>Pinguicula</i> sp	Butterwort	Sant Maurici, Aiguestortes National Park, leaves only
<b>Linaceae</b>	<b>Flax Family</b>	
<i>Linum perenne</i> agg.	Perennial Flax	Frequent
<i>Linum suffruticosum</i> subsp. <i>salsoloides</i>	Pyrenean Flax	Cubercs
<b>Malvaceae</b>	<b>Mallow Family</b>	
<i>Lavatera maritima</i>	-	Mont-roig
<b>Moraceae</b>	<b>Fig Family</b>	
<i>Ficus carica</i>	Fig	Common
<b>Oleaceae</b>	<b>Olive Family</b>	
<i>Fraxinus excelsior</i>	Ash	Common
<i>Jasminum fruticans</i>	Wild Jasmine	Frequent
<i>Olea europaea</i>	Wild Olive	Commonly planted
<i>Syringa vulgaris</i>	Lilac	Vila
<b>Orobanchaceae</b>	<b>Broomrape Family</b>	
<i>Lathraea clandestina</i>	Purple Toothwort	Cardos Valley
<b>Oxalidaceae</b>	<b>Wood-sorrel Family</b>	
<i>Oxalis acetosella</i>	Wood Sorrel	Low Aran Valley
<b>Papaveraceae</b>	<b>Poppy Family</b>	
<i>Chelidonium majus</i>	Greater Celandine	Frequent
<i>Glaucium corniculatum</i>	Red Horned-poppy	Mont-roig
<i>Papaver dubium</i>	Long-headed Poppy	Vila
<i>Papaver rhoeas</i>	Corn Poppy	Common
<b>Plantaginaceae</b>	<b>Plantain Family</b>	
<i>Plantago albicans</i>	Silvery Plantain	Mont-roig

<b>Scientific name</b>	<b>Common name</b>	<b>Location</b>
<i>Plantago afra</i>	a Branched Plantain	Pobla de Segur
<i>Plantago coronopus</i>	Stag's-horn Plantain	Mont-roig
<i>Plantago lanceolata</i>	Ribwort Plantain	Common
<i>Plantago media</i>	Hoary or Lamb's-tail Plantain	Sant Maurici, Aiguestortes National Park
<i>Plantago sempervirens</i>	-	
<b>Polygalaceae</b>	<b>Milkwort Family</b>	
<i>Polygala alpina</i>	Alpine Milkwort	Cubercs
<i>Polygala nicaeensis</i>	Nice Milkwort	Mont-roig
<b>Polygonaceae</b>	<b>Knotweed Family</b>	
<i>Rumex scutatus</i>	French Sorrel	Sant Maurici, Aiguestortes National Park, leaves only
<b>Primulaceae</b>	<b>Primrose Family</b>	
<i>Anagallis arvensis subsp. foemina</i>	Blue Pimpernel	Mont-roig
<i>Primula elatior</i>	Oxlip	Low Aran Valley
<i>Primula veris</i>	Cowslip	Frequent
<b>Punicaceae</b>	<b>Pomegranate Family</b>	
<i>Punica granatum</i>	Pomegranate	Pobla de Segur
<b>Ranunculaceae</b>	<b>Buttercup Family</b>	
<i>Anemone nemorosa</i>	Wood Anemone	Frequent
<i>Anemone ranunculoides</i>	Yellow Anemone	Low Aran Valley
<i>Caltha palustris</i>	Marsh Marigold	Low Aran Valley
<i>Clematis vitalba</i>	Traveller's Joy	Frequent
<i>Hepatica nobilis</i>	Hepatica	Common
<i>Helleborus foetidus</i>	Stinking Hellebore	Common
<i>Helleborus viridis</i>	Green Hellebore	Common
<i>Isopyrum thalictroides</i>	Rue-leaved Isopyrum	Low Aran Valley
<i>Nigella damascaena</i>	Love-in-a-mist	Balaguer Drylands
<i>Ranunculus bulbosus</i>	Bulbous Buttercup	Frequent
<i>Ranunculus pyrenaicus</i>	Pyrenean Buttercup	Bonaigua
<i>Thalictrum tuberosum</i>	Tuberous Meadow Rue	Moneistir de les Avellanes
<b>Resedaceae</b>	<b>Mignonette Family</b>	
<i>Reseda lutea</i>	Wild Mignonette	Mont-roig
<b>Rhamnaceae</b>	<b>Buckthorn Family</b>	
<i>Rhamnus alaternus</i>	Mediterranean Buckthorn	Mont-roig
<b>Rosaceae</b>	<b>Rose Family</b>	
<i>Alchemilla alpina</i>	Alpine Lady's-mantle	Sant Maurici, Aiguestortes National Park, leaves only
<i>Alchemilla glaucescens</i>	Small Lady's-mantle	Sant Maurici, Aiguestortes National Park, leaves only
<i>Amelanchier ovalis</i>	Juneberry	Common
<i>Crataegus monogyna</i>	Hawthorn	Sort
<i>Fragaria vesca</i>	Wild Strawberry	Low Aran Valley
<i>Malus domestica</i>	Apple	Collegats
<i>Potentilla aurea</i>	Golden Cinquefoil	Sant Maurici, Aiguestortes National Park
<i>Potentilla brauniana</i>	Dwarf Cinquefoil	nr Espot
<i>Potentilla sterilis</i>	Barren Strawberry	Low Aran Valley

<b>Scientific name</b>	<b>Common name</b>	<b>Location</b>
<i>Prunus avium</i>	Wild Cherry	Common
<i>Prunus dulcis</i>	Almond	Ballague, probably planted
<i>Prunus spinosa</i>	Blackthorn	Common
<i>Rosa canina</i> agg	Dog Rose	Pobla de Segur
<i>Rosa rubiginosa</i>	Sweet Briar	Monsonis
<i>Rubus ulmifolius</i>	a Bramble	Common
<i>Sanguisorba minor</i> agg	Salad Burnet	Frequent
<i>Sorbus aucuparia</i>	Rowan	Occasional
<b>Rubiaceae</b>	<b>Bedstraw Family</b>	
<i>Galium aparine</i>	Cleavers	Common
<i>Galium mollugo</i>	Hedge Bedstraw	Estais
<i>Rubia peregrina</i>	Wild Madder	Monsonis
<b>Salicaceae</b>	<b>Willow &amp; Poplar Family</b>	
<i>Populus alba</i>	White Poplar	Monsonis
<i>Populus nigra</i> agg.	Black Poplar	Common
<i>Populus tremula</i>	Aspen	Common
<i>Populus x canadensis</i>	Hybrid Black Poplar	Common
<i>Salix alba</i>	White Willow	Cubercs
<i>Salix caprea</i>	Goat Willow	Sant Maurici, Aiguestortes National Park
<i>Salix fragilis</i>	Crack Willow	Bellmunt
<b>Saxifragaceae</b>	<b>Saxifrage Family</b>	
<i>Chrysosplenium oppositifolium</i>	Opposite-leaved Golden-saxifrage	Sant Maurici, Aiguestortes National Park
<i>Saxifraga fragilis</i>	Angelina	Estais
<i>Saxifraga granulata</i>	Meadow Saxifrage	Estais & Cardos Valley
<i>Saxifraga paniculata</i>	Live-long Saxifrage	Sant Maurici, Aiguestortes National Park, leaves only
<b>Scrophulariaceae</b>	<b>Figwort Family</b>	
<i>Antirrhinum majus</i>	Snapdragon	Occasional
<i>Antirrhinum sempervirens</i>	-	Village walls Drving
<i>Asarina procumbens</i>	Creeping Snapdragon	Cardos Valley
<i>Verbascum thapsus</i>	Aaron's Rod	Occasional
<i>Veronica hederifolia</i> agg.	Ivy-leaved Speedwell	Common
<i>Veronica persica</i>	Common Field Speedwell	Common
<b>Solanaceae</b>	<b>Nightshade Family</b>	
<i>Hyoscyamus albus</i>	White Henbane	
<b>Thymelaeaceae</b>	<b>Mezereon Family</b>	
<i>Daphne mezereum</i>	Mezereon	Sant Maurici, Aiguestortes National Park
<b>Ulmaceae</b>	<b>Elm Family</b>	
<i>Celtis australis</i>	Nettle Tree	Common
<i>Ulmus</i> sp	An Elm	Occasional
<b>Urticaceae</b>	<b>Nettle Family</b>	
<i>Mercurialis annua</i>	Annual Mercury	Bellmunt
<i>Parietaria judaica</i>	Pellitory-of-the-Wall	Cardos Valley
<i>Urtica dioica</i>	Common Nettle	Common



<b>Scientific name</b>	<b>Common name</b>	<b>Location</b>
<b>Valerianaceae</b>		
<i>Valeriana globularifolia</i>	Valerian Family Globularia-leaved Valerian	Mont Sec
<i>Valerianella locusta</i>	Common Cornsalad	Common
<b>Violaceae</b>		
<i>Viola reichenbachiana</i>	Violet Family Early Dog Violet	Low Aran Valley
<i>Viola riviniana</i>	Common Dog Violet	Low Aran Valley
<b>Viscaceae</b>		
<i>Viscum album subsp. album</i>	Mistletoe Family Mistletoe	Low Aran Valley
<i>Viscum album subsp. austriacum</i>	Mistletoe	Cubercs
<b>Liliidae</b>		
<b>Dioscoreaceae</b>		
<i>Tamus communis</i>	Black Bryony Family Black Bryony	Mont-roig
<b>Iridaceae</b>		
<i>Crocus albiflorus</i>	Iris Family White Crocus	Sant Maurici, Aiguestortes National Park, leaves only
<i>Iris latifolia</i>	English Iris	Frequent
<i>Iris pseudacorus</i>	Yellow Flag	Bellmont
<b>Liliaceae</b>		
<i>Allium neapolitanum</i>	Lily Family Naples Garlic	Moneistir de les Avellanes
<i>Allium porrum</i>	Leek	Moneistir de les Avellanes
<i>Allium roseum</i>	Rosy Garlic	Balaguer Drylands
<i>Aphyllanthes monspeliensis</i>	Blue Aphyllanthes	Occasional
<i>Arum Italicum ssp neglectum</i>	Large Lords-and-Ladies	Estais
<i>Asphodelus albus</i>	White Asphodel	Driving & Mont-roig
<i>Asphodelus fistulosus</i>	Small Asphodel	Bellmunt & Estony d' Ivors Vilasona
<i>Dipcardi serotinum</i>	Brown Bluebell	Moneistir de les Avellanes
<i>Erythronium dens-canis</i>	Dog's-tooth Violet	Bonaigua & Low Aran Valley
<i>Galanthus nivalis</i>	Snowdrop	Sant Maurici, Aiguestortes National Park
<i>Muscari neglectum</i>	Grape Hyacinth	Occasional
<i>Narcissus requienii</i>	Rush-leaved Jonquil	Mont Sec
<i>Narcissus pseudonarcissus</i>	Wild Daffodil	Sant Maurici, Aiguestortes National Park, leaves only
<i>Ornithogalum angustifolium</i>	Common Star of Bethlehem	Noguera Pallaresa
<i>Scilla pyrenaica</i>	Pyrenean Squill	Low Aran Valley
<b>Orchidaceae</b>		
<i>Cephalanthera longifolia</i>	Orchid Family Sword-leaved Helleborine	Collegats Gorge
<i>Ophrys sphegodes ssp passionis</i>	an Early Spider Orchid	Mont-roig
<b>Poaceae</b>		
<i>Aegelops geniculata</i>	Grass Family -	Balaguer Drylands
<i>Arundo donax</i>	Giant Reed	Common
<i>Avena sp</i>	Oat	Common
<i>Bromus madritensis</i>	Compact Brome	Frequent
<i>Festuca vivipara</i>	Viviparous Fescue	Frequent
<i>Hordeum murinum</i>	Wall Barley	Common
<i>Lolium perenne</i>	Perennial Rye-grass	Balaguer Drylands
<i>Lygeum spartum</i>	Albardine	Balaguer Drylands

Scientific name	Common name	Location
<i>Phragmites australis</i>	Common Reed	Estony d'Ivors Vilasona
<i>Stipa pennata</i>	a Feather Grass	Balaguer Drylands

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

	Common name	Scientific name	May							
			1	2	3	4	5	6	7	8
1	Red-legged Partridge	<i>Alectoris rufa</i>					✓	✓	✓	
2	Common Quail	<i>Coturnix coturnix</i>						H	H	
3	Common Shelduck	<i>Tadorna tadorna</i>							✓	
4	Mallard	<i>Anas platyrhynchos</i>		✓					✓	
5	Northern Shoveler	<i>Anas clypeata</i>							✓	
6	Red-crested Pochard	<i>Netta rufina</i>							✓	
7	Great Crested Grebe	<i>Podiceps cristatus</i>							✓	
8	White Stork	<i>Ciconia ciconia</i>						✓	✓	
9	Cormorant	<i>Phalacrocorax</i>		✓						
10	Grey Heron	<i>Ardea cinerea</i>		✓					✓	
11	Purple Heron	<i>Ardea purpurea</i>							✓	
12	Little Egret	<i>Egretta garzetta</i>		✓						
13	European Honey Buzzard	<i>Pernis apivorus</i>						✓		
14	Red Kite	<i>Milvus milvus</i>	✓	✓			✓		✓	
15	Black Kite	<i>Milvus migrans</i>	✓	✓		✓	✓	✓	✓	
16	Lammergeyer	<i>Gypaetus barbatus</i>			3	11+				
17	Egyptian Vulture	<i>Neophron percnopterus</i>				3		✓		
18	Griffon Vulture	<i>Gyps fulvus</i>	✓	✓	✓	100s	✓	✓	✓	
19	Black Vulture	<i>Aegypius monachus</i>				5		✓		
20	Short-toed Snake Eagle	<i>Circaetus gallicus</i>		✓						
21	Western Marsh Harrier	<i>Circus aeruginosus</i>	✓					✓	✓	
22	Montagu's Harrier	<i>Circus pygargus</i>						4		
23	Eurasian Sparrowhawk	<i>Accipiter nisus</i>		✓	✓	✓				
24	Common Buzzard	<i>Buteo buteo</i>	✓				✓	✓	✓	
25	Golden Eagle	<i>Aquila chrysaetos</i>			2					
26	Bonelli's Eagle	<i>Aquila fasciata</i>							✓	
27	Booted Eagle	<i>Hieraaetus pennatus</i>				✓			✓	
28	Lesser Kestrel	<i>Falco naumanni</i>		✓					✓	
29	Common Kestrel	<i>Falco tinnunculus</i>	✓		✓				✓	
30	Eurasian Hobby	<i>Falco subbuteo</i>						✓		
31	Peregrine Falcon	<i>F. peregrinus subsp. brookeri</i>						✓	✓	
32	Little Bustard	<i>Tetrax tetrax</i>							✓	
33	Common Moorhen	<i>Gallinula chloropus</i>							✓	
34	Purple Swamphen	<i>Porphyrio porphyrio</i>							✓	
35	Eurasian Coot	<i>Fulica atra</i>		✓					✓	
36	Eurasian Stone Curlew	<i>Burhinus oedicnemus</i>							✓	
37	Black-winged Stilt	<i>Himantopus himantopus</i>						✓	✓	
38	Little Ringed Plover	<i>Charadrius dubius</i>							✓	
39	Common Redshank	<i>Tringa totanus</i>		✓						
40	Common Sandpiper	<i>Actitis hypoleucos</i>		✓					✓	
41	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	✓						✓	
42	Yellow-legged Gull	<i>Larus michahellis</i>						✓	✓	
43	Gull-billed Tern	<i>Gelochelidon nilotica</i>								
44	Whiskered Tern	<i>Childonias hybrida</i>							✓	
45	Black Tern	<i>Childonias niger</i>							✓	

	Common name	Scientific name	May								
			1	2	3	4	5	6	7	8	
46	Black-bellied Sandgrouse	<i>Pterocles orientalis</i>								✓	
47	Rock Dove (Feral)	<i>Columba livia (Feral)</i>	✓	✓	✓	✓	✓	✓	✓	✓	
48	Common Wood Pigeon	<i>Columba palumbus</i>	✓	✓	✓	✓	✓	✓	✓	✓	
49	European Turtle Dove	<i>Streptopelia turtur</i>							H		
50	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	✓	✓	✓			✓	✓	✓	
51	Common Cuckoo	<i>Cuculus canorus</i>		H	H	H	H	H	H	H	
52	Western Barn Owl	<i>Tyto alba</i>						H			
53	Eurasian Scops Owl	<i>Otus scops</i>						H	H		
54	Tawny Owl	<i>Strix aluco</i>								✓	
55	Alpine Swift	<i>Tachymarptis melba</i>							✓	✓	
56	Common Swift	<i>Apus apus</i>	✓	✓	✓			✓	✓	✓	
57	European Roller	<i>Coracias garrulus</i>							4	✓	
58	European Bee-eater	<i>Merops apiaster</i>						3	lots	lots	
59	Eurasian Hoopoe	<i>Upupa epops</i>	✓						✓	✓	
60	Eurasian Wryneck	<i>Jynx torquilla</i>						✓			
61	Great-spotted Woodpecker	<i>Dendrocopos major</i>			H			✓		✓	
62	Black Woodpecker	<i>Dryocopus martius</i>				✓					
63	European Green Woodpecker	<i>Picus viridis</i>		✓	H				✓	H	
64	Red-backed Shrike	<i>Lanius collurio</i>							✓		
65	Woodchat Shrike	<i>Lanius senator</i>							✓		
66	Eurasian Golden Oriole	<i>Oriolus oriolus</i>							✓	✓	
67	Eurasian Jay	<i>Garrulus glandarius</i>	✓	✓	✓	✓	✓	✓	✓	✓	
68	Eurasian Magpie	<i>Pica pica</i>	✓	✓	✓					✓	
69	Red-billed Chough	<i>Pyrrhocorax pyrrhocorax</i>	✓	✓	✓	✓	✓	✓	✓		
70	Alpine Chough	<i>Pyrrhocorax graculus</i>		✓					✓		
71	Western Jackdaw	<i>Corvus monedula</i>	✓	✓		✓	✓	✓	✓	✓	
72	Carrion Crow	<i>Corvus corone</i>	✓	✓	✓				✓	✓	
73	Northern Raven	<i>Corvus corax</i>		✓	✓	✓	✓	✓	✓	✓	
74	Coal Tit	<i>Parus ater</i>		✓	✓				✓	✓	
75	European Crested Tit	<i>Lophophanes cristatus</i>							✓		
76	Great Tit	<i>Parus major</i>		✓	✓				✓	✓	
77	Eurasian Blue Tit	<i>Cyanistes caeruleus</i>		✓	✓			✓	✓	✓	
78	Calandra Lark	<i>Melanocorypha calandra</i>								✓	
79	Crested Lark	<i>Galerida cristata</i>	✓						✓	✓	
80	Thekla Lark	<i>Galerida theklae</i>							✓	✓	
81	Woodlark	<i>Lullula arborea</i>	✓						✓		
82	Short-toed lark	<i>Calandrella brachydactyla</i>								✓	
83	Eurasian Skylark	<i>Alauda arvensis</i>							✓		
84	Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓	✓	✓	✓	✓	✓	
85	Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>		✓	✓	✓	✓	✓	✓	✓	
86	Common House Martin	<i>Delichon urbicum</i>	✓	✓	✓	✓	✓	✓	✓	✓	
87	Cetti's Warbler	<i>Cettia cetti</i>							H	✓	
88	Western Bonelli's Warbler	<i>Phylloscopus bonelli</i>				✓			✓	H	
89	Great Reed Warbler	<i>Acrocephalus arundinaceus</i>								✓	
90	Eurasian Reed Warbler	<i>Acrocephalus scirpaceus</i>								H	
91	Melodious Warbler	<i>Hippolais polyglotta</i>						✓	H		
92	Zitting Cisticola	<i>Cisticola juncidis</i>								✓	
93	Eurasian Blackcap	<i>Sylvia atricapilla</i>		H	H				✓	H	
94	Western Orphean Warbler	<i>Sylvia hortensis</i>						✓	H		
95	Dartford Warbler	<i>Sylvia undata</i>							✓		
96	Subalpine Warbler	<i>Sylvia cantillans</i>						✓H	✓	✓	

	Common name	Scientific name	May								
			1	2	3	4	5	6	7	8	
97	Sardinian Warbler	<i>Sylvia melanocephala</i>							✓		
98	Common Firecrest	<i>Regulus ignicapilla</i>			✓	H					
99	Goldcrest	<i>Regulus regulus</i>			✓	✓					
100	Eurasian Wren	<i>Troglodytes troglodytes</i>		H	H						
101	Eurasian Nuthatch	<i>Sitta europaea</i>			✓	✓					
102	Wallcreeper	<i>Tichodroma muraria</i>			✓	✓					
103	Short-toed Treecreeper	<i>Certhia brachydactyla</i>			✓	✓				H	
104	Spotless Starling	<i>Sturnus unicolor</i>	✓	✓	✓	✓	✓	✓	✓	✓	
105	Common Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓	✓	✓	✓	✓	
106	Song Thrush	<i>Turdus philomelos</i>		H	✓						
107	Mistle Thrush	<i>Turdus viscivorus</i>		✓	✓	✓					
108	European Robin	<i>Erithacus rubecula</i>		H	H					✓	
109	Common Nightingale	<i>Luscinia megarhynchos</i>			H	✓	✓	✓	✓	✓	
110	Black Redstart	<i>Phoenicurus ochruros</i>	✓	✓	✓	✓	✓	✓	✓	✓	
111	Whinchat	<i>Saxicola rubetra</i>					✓				
112	European Stonechat	<i>Saxicola rubicola</i>			✓		✓	✓			
113	Northern Wheatear	<i>Oenanthe oenanthe</i>		✓	✓	✓		✓			
114	Common Rock Thrush	<i>Monticola saxatilis</i>					✓	✓			
115	Blue Rock Thrush	<i>Monticola solitarius</i>						✓			
116	European Pied Flycatcher	<i>Ficedula hypoleuca</i>		✓	✓					✓	
117	White-throated Dipper	<i>Cinclus cinclus</i>		✓	✓						
118	House Sparrow	<i>Passer domesticus</i>	✓	✓	✓	✓	✓	✓	✓	✓	
119	Eurasian Tree Sparrow	<i>Passer montanus</i>								✓	
120	Rock Sparrow	<i>Petronia petronia</i>						✓			
121	Duncock	<i>Prunella modularis</i>		✓	✓		✓				
122	Grey Wagtail	<i>Motacilla cinerea</i>		✓			✓	✓	✓		
123	White Wagtail	<i>Motacilla alba</i>	✓	✓	✓	✓	✓				
124	Tree Pipit	<i>Anthus trivialis</i>		✓							
125	Water Pipit	<i>Anthus spinoletta</i>		✓	H						
126	Common Chaffinch	<i>Fringilla coelebs</i>	✓	✓	✓	✓	✓	✓	✓	✓	
127	European Serin	<i>Serinus serinus</i>		✓	✓			✓	✓		
128	European Greenfinch	<i>Carduelis chloris</i>		H				✓	✓		
129	European Goldfinch	<i>Carduelis carduelis</i>		✓	✓		✓	✓	✓		
130	Siskin	<i>Carduelis spinus</i>				✓					
131	Citril Finch	<i>Carduelis citrinella</i>		✓	✓			✓			
132	Common Linnet	<i>Carduelis cannabina</i>		✓	✓		✓	✓	✓		
133	Corn Bunting	<i>Emberiza calandra</i>	✓				✓	✓	✓		
134	Yellowhammer	<i>Emberiza citrinella</i>		✓							
135	Rock Bunting	<i>Emberiza cia</i>		H	✓	✓		✓			
136	Ortolan Bunting	<i>Emberiza hortulana</i>				✓					
137	Cirl Bunting	<i>Emberiza cirlus</i>			✓		✓			H	

## Mammals

1	Red Fox	<i>Vulpes vulpes</i>		✓						✓	
2	Fallow Deer	<i>Dama dama</i>			✓	✓					
3	Roe Deer	<i>Capreolus capreolus</i>		✓	✓	✓					
4	Chamois	<i>Rupicapra rupicapra</i>		✓	✓						
5	Red Squirrel	<i>Sciurus vulgaris</i>			✓						
6	Brown Hare	<i>Lepus europaeus</i>			✓						
7	Rabbit	<i>Oryctolagus cuniculus</i>						✓			
8	Common Shrew	<i>Sorex araneus</i>		✓							

	Common name	Scientific name	May							
			1	2	3	4	5	6	7	8
9	Pipistrelle Bat	<i>Pipistrellus pipistrellus</i>		✓		✓				
10	Daubenton's bat	<i>Myotis daubentonii</i>				✓				
11	Kuhl's Bat	<i>Pipistrellus kuhli</i>								H

## Amphibians &amp; Reptiles

1	Common Toad	<i>Bufo bufo</i>					✓			
2	Iberian Pond Frog	<i>Rana perezi</i>								✓
3	Common Wall Lizard	<i>Podarcis muralis</i>		✓	✓					

## Butterflies

1	Swallowtail	<i>Papilio machaon</i>				✓		✓	✓	
2	Scarce Swallowtail	<i>Iphiclides podalirius</i>						✓	✓	
3	Spanish Festoon	<i>Zerynthia rumina</i>						✓		
4	Large White	<i>Pieris brassicae</i>						✓		
5	Green-veined White	<i>Artogeia napi</i>						✓		
6	Orange Tip	<i>Anthocharis cardamines</i>			✓	✓	✓	✓	✓	
7	Moroccan Orange Tip	<i>Anthocharis belia</i>				✓	✓	✓	✓	
8	Clouded Yellow	<i>Colias crocea</i>				✓			✓	
9	Berger's Clouded Yellow	<i>Colias alfacariensis</i>				✓				
10	Brimstone	<i>Gonepteryx rhamni</i>				✓	✓	✓		
11	Cleopatra	<i>Gonepteryx cleopatra</i>				✓		✓	✓	
12	Wood White	<i>Leptidea sinapis</i>				✓				
13	Green Hairstreak	<i>Callophrys rubi</i>				✓				
14	Common Blue	<i>Polyommatus icarus</i>				✓	✓			
15	Baton blue	<i>Pseudophilotes sinaicus</i>						✓		
16	Nettle-tree Butterfly	<i>Libythea celtis</i>						✓	✓	
17	Camberwell Beauty	<i>Nymphalis antiopa</i>			2					
18	Painted Lady	<i>Vanessa cardui</i>						✓		
19	Small Pearl-bordered Fritillary	<i>Clossiana selene</i>							✓	
20	Speckled Wood	<i>Pararge aegeria</i>							✓	
21	Wall Brown	<i>Lasiommata megera</i>				✓	✓	✓	✓	

## Moths

1	Hummingbird Hawk-moth	<i>Macroglossum stellatarum</i>		✓						
2	Pine Processionary	<i>Thaumetopoea pityocampa</i>			✓					
3	Cream-spot Tiger Moth	<i>Arctia villica</i>							✓	
4	Giant Peacock Moth	<i>Saturnia pyri</i>							2	
5	Bagworm caterpillar			✓						

## Other Invertebrates

1	Common Pond Skater	<i>Gerris lacustris</i>			✓					
2	Bee-fly	<i>Bombylius sp.</i>		✓						
3	Yellow Dung-fly	<i>Scathophaga stercoraria</i>			✓					
4	Honey Bee	<i>Apis mellifera</i>		✓	✓	✓	✓	✓	✓	
5	Violet Carpenter Bee	<i>Xylocopa violacea</i>					✓			
6	Leaf Beetle	<i>Clytra 4-punctata</i>					✓			
7	A Bee	<i>Nomadia sp</i>			✓					
8	A Bee	<i>Osmia sp</i>			✓					
9	Sloe Bug	<i>Dolycoris baccarum</i>				✓				

	Common name	Scientific name	May							
			1	2	3	4	5	6	7	8
10	Bishop's Mitre Shieldbug	<i>Aelia acuminata</i>					✓			
11	Gorse Shieldbud	<i>Piezodorus lituratus</i>						✓		
12	Rosemary Beetle	<i>Chrysolina americana</i>						✓		
13	Green Tiger Beetle	<i>Cicindela campestris</i>						✓		
14	A Mantis							✓		
15	A Centipede							✓		
16	Velvet Ant	<i>Mutilla sp</i>				✓				
17	Egyptian Grasshopper	<i>Anacridium aegyptum.</i>					✓			
18	A Weevil	<i>Curculionoidea sp</i>							✓	
19	Sawfly caterpillar	<i>Hymenoptera sp</i>							✓	



Botanising in the Low Aran Valley