

The French Pyrenees

Naturetrek Tour Report

7 - 14 September 2013



Carlina acanthifolia



Great Green Bush Cricket



Valley des Pouey Aspe



Merendera montana

Report & images compiled by David Tattersfield



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Day 1

Saturday 7th September

An early departure from Stansted meant that much of the day remained for our explorations. We arrived in Lourdes to steady rain, following a storm and set off towards the mountains. We were shocked to see the after effects of the June floods. Huge piles of debris littered the valley bottoms with damaged buildings, uprooted trees and piles of boulders. After shopping for lunch in Luz-St-Sauveur, we drove through the old spa resort to the Pont Napoleon. Crag Martins wheeled below the bridge and the silver rosettes of Pyrenean Saxifrage *Saxifraga longifolia* and the endemic *Ramonda myconi* could be seen on the cliffs.

We were met by our amiable hosts, Odile and Philippe, at the hotel and, after a quick change, set off up the valley for lunch by the river. Moderate rain fell for some of the afternoon and we made the best of the dry intervals. Pyrenean Lily *Lilium pyrenaicum* was in seed, with the remains of Fragrant Orchid *Gymnadenia conopsea* and Elderflower Orchid *Dactylorhiza sambucina* scattered in the turf. A short walk along the road revealed Forked Spleenwort *Asplenium septentrionale* and in the shade of Hazel woodland, the black fruit of Baneberry *Actaea spicata*, the dried flower spikes of Bird's Nest Orchid *Neottia nidus-avis*, and the three-lobed leaves of *Hepatica nobilis*. We moved on up the valley, glimpsing Dipper on the river and took a short circular walk around the little hamlet of Heas, over the attractive packhorse bridge. We continued, climbing steeply to the Auberge du Maillet seeing our first Griffon Vultures, Water Pipit, and Northern Wheatear. On our return to Gedre we witnessed a dramatic example of bird migration, with over 500 House Martins wheeling overhead, waiting for a break to continue their journey south into Spain. We enjoyed a delicious evening meal, before a brief discussion of the plan for the week ahead and retired to bed.

Day 2

Sunday 8th September

We returned to the Heas Valley and branched off to the Barrage des Gloriettes. Along the roadside we introduced ourselves to a variety of ferns, primroses and other plants, including the very rare Creeping Lady's Tresses *Goodyera repens*. The light rain turned heavy and we sheltered in the van before setting out across the dam and up the valley. By lunch time it dried up and we had sunny intervals for the rest of the afternoon. We had a lovely walk into the National Park, towards the Cirque d'Estaube, the turf studded with the pink stars of *Merendera montana* and the hillsides clothed with the maturing seed capsules of English iris *Iris latifolia*.

Along the river were Dippers and Grey Wagtail, while overhead there were Chough, Ravens and over 40 Griffon Vultures. These were eventually joined by a solitary Lammergeir, gliding effortlessly along the cliffs. We returned along the other side of the barrage, before driving back to the hotel for dinner.

Day 3

Monday 9th September

At last, there was a significant positive change in the weather and we were to enjoy a beautiful sunny day. We parked the minibus in Gavarnie and set off towards the Cirque. The trail led us first to a viewpoint, where we had commanding views of the magnificent scenery. Onwards, a delightful path took us through meadows and forest, towards our goal. Yellow Monkshood *Aconitum anthora* and Common Monkshood *Aconitum napellus* lined the path and the glossy red berries of Wayfaring Tree *Viburnum lantana* shone like jewels in the sunlight. With a little patience, we were able to observe some of the special inhabitants of the pine forest, including Goldcrest, Firecrest, and Crested Tit. As we approached the entrance to the Cirque, a careful search of the cliffs revealed Wallcreeper, an extremely rare sight indeed, on any of our trips to the French Pyrenees. Well satisfied, we settled down to lunch in the Cirque, only to see yet another of these colourful birds, searching the boulders for insects.

After we had eaten, we adjourned to the hotel for refreshments, before the second half of the day's adventures. We followed an airy path, high above the valley, which threaded its way below the cliffs. Highlights of the walk included Long-leaved Butterwort *Pinguicula longifolia*, its long sticky fly-paper leaves covered in the remains of insects, the trailing shoots of Pyrenean Yam *Dioscorea pyrenaica* and the curious lobed leaves of Thore's Buttercup *Ranunculus thora*. As a consequence of the very late spring, there were even flowers of the endemic *Aquilegia pyrenaica* and Dark-red Helleborine *Epipactis atrorubens*. The path ascended into forest where the parasitic Yellow Bird's Nest *Monotropa hypopitys* grew in deep shade and emerged in a green meadow at the Auberge de Pailla, our highest point at 1800m. From here it was a zigzag path down into the valley and welcome drinks in Gavarnie, before we returned to our hotel for dinner. It had been a long but very rewarding day.

Day 4

Tuesday 10th September

Another cloudy day greeted us and we optimistically set off for the Cirque de Troumouse. As rain set in again, we were soon enjoying buckets of tea in the Auberge du Maillet. We stayed a while before a slight break in the weather tempted us to carry on up the mountain. The Cirque was enveloped in low cloud but we doggedly set off to explore. We found a Pyrenean Brook Newt in one of the cold streams that are the favoured habitat of this special endemic amphibian and then walked towards the rocky terrain at the back of the Cirque. Prominent around boulders were the red fruits of *Daphne mezereum* and the black fruited *Daphne laureola*. We navigated our way through a lunar landscape of rocky knolls and limestone boulders with a very diverse flora. Dwarf shrubs included Least Willow *Salix herbacea*, Retuse-leaved Willow *Salix retusa* and Net-leaved Willow, *Salix reticulata* with Mountain Avens *Dryas octopetala* on the exposed limestone, in the company of the silver rosettes of Pyrenean Saxifrage *Saxifraga longifolia*. We returned across the wet pasture to the car-park, encountering a Pyrenean Frog in one of the pools. We ate lunch in the van. In the afternoon, we walked down the lower part of the Heas Valley to Gedre, through a mixture of Box Woodland and meadow, where the huge flowers of Acanthus-leaved Thistle *Carlina acanthifolia* dotted the hillside. Despite the weather, we had seen an amazing variety of wildlife during the day.

Day 5

Wednesday 11th September

We set off down the valley, stopping in Luz-St-Sauveur to replenish lunch supplies. We drove up through the spa town of Cauterets and the steep, forested, Val de Jeret, to the car park below Pont d'Espagne and enjoyed a drink, as we took in the spectacle of the waterfalls and narrow gorge.

To maximise our time in the upper valley and to save our legs, we took the chairlift, leaving only a short level walk to Lac de Gaube. Although there was a cool northerly breeze, early cloud lifted to give a largely sunny day. The area is composed of granite and consequently has a very different flora from that of the limestone. Forests of Pine and Silver Fir dominate a landscape scarred by avalanche chutes and boulder screes. Alongside the path were fine clumps of Field Gentian *Gentianella campestris* in white and blue and we stopped to photograph these and some very obliging Great Green Bush Crickets, before lunching in a sheltered spot on the lake shore. We followed the path to the end of the lake and enjoyed the sunshine and the views, before returning to the cafe for a drink. At the bottom of the chairlift, a circular walk along the valley rounded off the afternoon before we returned to Gedre for dinner.

Day 6

Thursday 12th September

A clear, chilly morning heralded a beautiful sunny day. We spent the day exploring the Ossoue Valley, the lower half of which is dominated by massive limestone cliffs. The meadows had lovely displays of pink *Merendera montana* and we were able to add a number of butterflies to our list, including Swallowtail, Adonis Blue, Clouded Apollo, Rock Grayling, Shepherd's and Small Pearl-bordered Fritillaries and a fleeting glimpse of Camberwell Beauty. From here we had great views and, as the day warmed up, Griffon Vultures started to appear, eventually numbering over one hundred. They were eventually joined by four Lammergeiers, which we watched for some time as they circled the cliffs.

Moving up the valley, we made another walk along the road, seeing huge rosettes of Pyrenean Saxifrage above our heads. Further on, we stopped for lunch by a jumble of boulders, where Rock Thrush was a new bird for most of the group and Alpine Marmot were common. The rough track continued to the Barrage d'Ossoue at 1800m, from where we walked through the extensive alluvial deposits filling the valley floor. We found lovely specimens of the deep blue Fringed Gentian *Gentianella ciliata* and the last of the stately English Iris *Iris latifolia* that colour the hillsides blue in July. With the waters behind the barrage reflecting the deep blue sky and the herds of docile cattle, it was an idyllic scene and a world away from civilisation.

Day 7

Friday 13th September

We awoke to clear blue skies and set off for our final day of walking. We took the road to the ski slopes above Gavarnie, stopping to take in the scenery. We were fortunate to have excellent views of a Wryneck, among the boulders and a solitary Lammergeier, being mobbed by a Griffon Vulture. Continuing upwards among the chair lifts we parked at the Col des Tentes, where the road ends, and from here it was a gentle stroll along the boulder-strewn tarmac to the border with Spain at the Col de Boucharo. Chough circled around and at close quarters we were easily able to distinguish both species. The attractive silver-leaved Pyrenean Thistle, *Carduus carlinoides* lined the route and here and there were patches of Pygmy Hawksbeard *Crepis pygmaea* and the endemic Pyrenean Hemp Nettle *Galeopsis pyenaica*. Some of us were extremely lucky to see a Wallcreeper that landed on the bank, only a few feet away. It was windy and cool at the Col de Boucharo and after a brief foray into Spain, we descended the zigzag track down into the Vallee de Pouey Aspe to find a sheltered spot for lunch, adding Alpine Accentor to our bird list, en route.

After lunch, I returned to the minibus, drove down to Gavarnie and walked up to meet the group. The perfect weather and the walk had provided a fitting finale to our week in the Pyrenees and back in Gavarnie we had time for drinks and reflections, before returning to the hotel.

Day 8

Saturday 14th September

We had enjoyed a great week in these magnificent mountains, greatly enhanced by the comfort of the hotel and the hospitality of our hosts. We had an early breakfast, before leaving for our 9.40 am flight from Lourdes back to Stansted.

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Species List

Plants

The term 'endemic' is applied to plants restricted to the Pyrenees.

For ease of reference, plant families are listed in alphabetic order.

PTERIDOPHYTA

FERNS AND FERN ALLIES

Aspleniaceae

Spleenwort Family

<i>Asplenium adiantum-nigrum</i>	Black Spleenwort	Rocks
<i>Asplenium ruta-muraria</i>	Wall-rue	Rocks and walls
<i>Asplenium septentrionale</i>	Forked Spleenwort	Boulders and scree
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	Rocks and walls
<i>Asplenium viride</i>	Green Spleenwort	Shaded limestone rocks
<i>Ceterach officinarum</i>	Rusty-back Fern	Occasional on rocks

Athyriaceae

Athyrium Family

<i>Athyrium felix-femina</i>	Lady Fern	Woods
<i>Athyrium distentifolium</i>	Alpine Lady-fern	Mountain rocks
<i>Cystopteris fragilis</i>	Brittle Bladder-fern	Rocks and walls

Blechnaceae

Blechnum Family

<i>Blechnum spicant</i>	Hard Fern	Acidic soils
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Cryptogrammaceae

Parsley Fern Family

<i>Cryptogramma crispa</i>	Parsley Fern	Acidic boulder scree
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Denstaedtiaceae

Bracken Family

<i>Pteridium aquilinum</i>	Bracken	Widespread
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Dryopteridaceae

Buckler-fern Family

<i>Dryopteris affinis</i>	Scaly Male-fern	Woods
<i>Dryopteris dilatata</i>	Broad Buckler-fern	Forest. Pont d'Espagne
<i>Dryopteris expansa</i>	Northern Buckler-fern	Acidic scree
<i>Dryopteris filix-mas</i>	Male-fern	Forest and shady places
<i>Dryopteris oreades</i>	Mountain Male-fern	Acidic screes
<i>Dryopteris submontana</i>	Rigid Buckler-fern	Limestone fissures
<i>Polystichum aculeatum</i>	Prickly Shield-fern	Occasional. Woods
<i>Polystichum lonchitis</i>	Holly Fern	Mountain rocks
<i>Polystichum setiferum</i>	Soft Shield-fern	Occasional. Woods

Equisetaceae <i>Equisetum palustre</i> <i>Equisetum variegatum</i>	Horsetail Family Marsh Horsetail Variegated Horsetail	Wet pasture Flushes. Rare
Lycopodiaceae <i>Huperzia selago</i>	Clubmoss Family Fir Clubmoss	Acidic mountain pasture
Ophioglossaceae <i>Botrychium lunaria</i>	Adder's Tongue Family Moonwort	Mountain turf
Polypodiaceae <i>Polypodium vulgare</i>	Polypody Family Common Polypody	Occasional on rocks
Selaginellaceae <i>Selaginella selaginoides</i>	Lesser Clubmoss Family Lesser Clubmoss	Damp turf, Troumouse
Thelypteridaceae <i>Gymnocarpium dryopteris</i> <i>Gymnocarpium robertianum</i> <i>Phegopteris connectilis</i>	Thelypteris Family Oak Fern Limestone Fern Beech Fern	Frequent in shade Limestone scree Forest. Pont d'Espagne
GYMNOSPERMAE	CONIFERS	
Cupressaceae <i>Juniperus communis</i> subsp. <i>alpina</i>	Cypress Family Juniper	Mountain turf
Pinaceae <i>Abies alba</i> <i>Picea abies</i> <i>Pinus sylvestris</i> <i>Pinus uncinata</i>	Pine Family Silver Fir Norway Spruce Scots Pine Mountain Pine	Mountain forests Widespread Pont d'Espagne Upper tree limit
Taxaceae <i>Taxus baccata</i>	Yew Family Yew	St. Savin's Wood
ANGIOSPERMAE	FLOWERING PLANTS	
	DICOTYLEDONS	
Aceraceae <i>Acer campestre</i> <i>Acer pseudoplatanus</i>	Maple Family Field Maple Sycamore	Occasional Frequent
Apiaceae <i>Aegopodium podagraria</i> <i>Angelica razulii</i>	Carrot Family Ground Elder An Angelica	Occasional Occasional

<i>Angelica sylvestris</i>	Wild Angelica	Occasional
<i>Anthriscus sylvestris</i>	Cow Parsley	Roadsides
<i>Astrantia major</i>	Masterwort	Frequent
<i>Astrantia minor</i>	Lesser Masterwort	Acidic rocky places
<i>Bupleurum angulosum</i>	Pyrenean Hare's-ear	Limestone rocks. Endemic
<i>Bupleurum falcatum</i>	Sickle Hare's-ear	Dry places
<i>Bupleurum ranunculoides</i>	Buttercup-leaved Hare's-ear	Rocky places
<i>Chaerophyllum aureum</i>	Golden Chervil	Occasional
<i>Chaerophyllum hirsutum</i>	Hairy Chervil	Wet pasture
<i>Conopodium majus</i>	Pignut	Meadows
<i>Conopodium pyrenaicum</i>	Pyrenean Pignut	Meadows. Endemic
<i>Daucus carota</i>	Wild Carrot	Roadsides
<i>Eryngium bourgati</i>	Pyrenean Eryngo	Rocky places. Endemic
<i>Eryngium campestre</i>	Field Eryngo	Stony places
<i>Heracleum sphondylium</i> subsp. <i>pyrenaicum</i>	Pyrenean Hogweed	Roadsides
<i>Laserpitium gallicum</i>	French Sermountain	Limestone screes
<i>Laserpitium latifolium</i>	Broad-leaved Sermountain	Screes
<i>Laserpitium siler</i>	Narrow-leaved Sermountain	Screes and meadows
<i>Ligusticum lucidum</i>	Pyrenean Lovage	Dry rocky places
<i>Meum athamanticum</i>	Spignel	Acidic pasture
<i>Myrrhis odorata</i>	Sweet Cicely	Roadsides
<i>Peucedanum ostruthium</i>	Masterwort	Streamsides
<i>Pimpinella major</i>	Greater Burnet Saxifrage	Occasional
<i>Pimpinella saxifraga</i>	Burnet Saxifrage	Meadows
<i>Sanicula europaea</i>	Sanicle	Occasional. Woods
<i>Selinum pyrenaicum</i>	Pyrenean Angelica	Acidic pasture
Apocyanaceae	Periwinkle Family	
<i>Vinca minor</i>	Lesser Periwinkle	Shaded banks
Aquifoliaceae	Holly Family	
<i>Ilex aquifolium</i>	Holly	Occasional in forest
Araliaceae	Ivy Family	
<i>Hedera helix</i>	Ivy	Common
Asclepiadaceae	Milkweed Family	
<i>Vincetoxicum hirundinaria</i>	Swallow-wort	Limestone pasture
Asteraceae	Daisy Family	
<i>Achillea millefolium</i>	Yarrow	Meadows
<i>Adenostyles alliariae</i>	Adenostyles	Occasional. Streamsides
<i>Antennaria dioica</i>	Mountain Everlasting	Mountain turf
<i>Anthemis cretica</i>	Mountain Dog-daisy	Rocky places
<i>Arctium minus</i>	Lesser Burdock	Roadsides
<i>Arnica montana</i>	Arnica	Acidic turf
<i>Aster alpinus</i>	Alpine Aster	Occasional. Screes
<i>Bellis perennis</i>	Daisy	Widespread
<i>Carduus carlinoides</i>	Pyrenean Thistle	Mountains. Endemic

<i>Carduus defloratus</i>	Alpine Thistle	Meadows and screes
<i>Carduus nutans</i>	Nodding Thistle	Waste places
<i>Carlina acaulis</i>	Stemless Carlina-thistle	Mountain turf
<i>Carlina acanthifolia</i> subsp. <i>cynara</i>	Acanthus-leaved Thistle	Locally common
<i>Centaurea montana</i>	Mountain Cornflower	Gavarnie
<i>Centaurea nigra</i>	Knapweed	Meadows and roadsides
<i>Cicerbita alpina</i>	Alpine Sow-thistle	Forest and screes
<i>Cichorium intybus</i>	Chicory	Roadsides. Val de Jeret
<i>Cirsium eriophorum</i>	Woolly Thistle	Common. Waste places
<i>Cirsium heleniodes</i>	Melancholy Thistle	Damp meadows
<i>Cirsium palustre</i>	Marsh Thistle	Wet streamsides
<i>Cirsium rivulare</i>	Brook Thistle	Damp acidic pasture
<i>Cirsium vulgare</i>	Spear Thistle	Wet pasture
<i>Crepis albida</i>	Pyrenean Hawksbeard	Rocky places
<i>Crepis conyzaefolia</i>		Meadows
<i>Crepis paludosa</i>	Marsh Hawksbeard	Wet places
<i>Crepis pygmaea</i>	Pygmy Hawksbeard	Screes. Port de Bucharo
<i>Crepis pyrenaica</i>	Pyrenean Hawksbeard	Rocky places
<i>Doronicum austriacum</i>	Austrian Leopard's-bane	Mountain streamsides
<i>Erigeron alpinus</i>	Alpine Fleabane	Stony places
<i>Erigeron uniflorus</i>	One-flowered Fleabane	Limestone rocks
<i>Eupatorium cannabinum</i>	Hemp Agrimony	Occasional
<i>Gnaphalium norvegicum</i>	Norwegian Cudweed	Mountain pasture
<i>Gnaphalium supinum</i>	Dwarf Cudweed	Damp alpine turf
<i>Hieracium lactucella</i>		Acidic pasture
<i>Hieracium murorum</i>		Acidic forests
<i>Hieracium pilosella</i>	Mouse-ear Hawkweed	Rocks and screes
<i>Homogyne alpina</i>	Alpine Colt's-foot	Mountain turf
<i>Lactuca perennis</i>	Blue Lettuce	Occasional
<i>Lapsana communis</i>	Nipplewort	Occasional weed
<i>Leontodon autumnalis</i>	Autumn Hawkbit	Frequent
<i>Leontodon hispidus</i>	Alpine Hawkbit	Frequent
<i>Leontodon pyrenaicus</i>	Pyrenean Hawkbit	Acidic pasture
<i>Leontopodium alpinum</i>	Edelweiss	Occasional
<i>Leucanthemum vulgare</i>	Ox-eye Daisy	Meadows
<i>Leucanthemopsis alpina</i>	Alpine Moon-daisy	Alpine rocks and pasture
<i>Mycelis muralis</i>	Wall Lettuce	Walls and waste places
<i>Petasites paradoxus</i>	Alpine Butterbur	Streamsides
<i>Picris hieracioides</i>	An Oxtongue	Occasional
<i>Prenanthes purpurea</i>	Purple Lettuce	Woods and forests
<i>Santolina chamaecyparissus</i>	Lavender Cotton	Low altitude rocks
<i>Saussurea alpina</i>	Alpine Saussurea	Barrage d'Ossoue
<i>Scorzonera aristata</i>	Bearded Vipergrass	Occasional
<i>Senecio adonidifolius</i>	Adonis-leaved Ragwort	Acid rocks. Endemic
<i>Senecio doronicum</i>	Chamois Ragwort	Rocky places
<i>Senecio jacobea</i>	Ragwort	Occasional. Roadsides
<i>Senecio pyrenaicus</i>	Pyrenean Groundsel	Occasional. Rocky places
<i>Senecio viscosus</i>	Sticky Groundsel	Occasional. Waste places
<i>Senecio vulgaris</i>	Common Groundsel	Occasional. Waste places
<i>Solidago virgaurea</i>	Goldenrod	Pont d'Espagne

<i>Sonchus asper</i>	Prickly Sow-thistle	Waste places
<i>Sonchus arvensis</i>	Perennial Sow-thistle	Waste places
<i>Taraxacum alpinum</i>	Alpine Dandelion	Alpine turf near snow
<i>Taraxacum dissectum</i>	A Dandelion	Dry mountain turf
<i>Taraxacum officinale</i>	Dandelion	Common
<i>Tragopogon dubius</i>	A Goatsbeard	Occasional weed
<i>Tragopogon pratensis</i>	Goatsbeard	Meadows and roadsides
<i>Tussilago farfara</i>	Colt's-foot	Streamsides
Berberidaceae	Barberry Family	
<i>Berberis vulgaris</i>	Common Barberry	Rocky hillsides
Betulaceae	Birch Family	
<i>Alnus glutinosa</i>	Common Alder	By rivers
<i>Betula pendula</i>	Silver Birch	Forests
<i>Betula pubescens</i>	Downy Birch	Frequent
Boraginaceae	Borage Family	
<i>Echium vulgare</i>	Viper's Bugloss	Roadsides
<i>Lithospermum officinale</i>	Common Gromwell	Occasional
<i>Myosotis alpestris</i>	Alpine Wood Forget-me-not	Mountain meadows
<i>Myosotis arvensis</i>	Field Forget-me-not	Waste places
<i>Myosotis laxa</i>	Tufted Forget-me-not	Damp places
<i>Myosotis sylvatica</i>	Wood Forget-me-not	Grassland and woods
<i>Pulmonaria affinis</i>	Common Lungwort	Frequent in woods
Brassicaceae	Cabbage Family	
<i>Arabis alpina</i>	Alpine Rockcress	Damp alpine rocks
<i>Arabis turrata</i>	Tower Cress	Rocky places
<i>Barbarea vulgaris</i>	Common Wintercress	Damp roadsides
<i>Biscutella laevigata</i>	Buckler Mustard	Mountain rocks
<i>Capsella bursa-pastoris</i>	Shepherd's-purse	Waste places
<i>Cardamine amara</i>	Large Bittercress	Damp pasture
<i>Cardamine bellidifolia</i> subsp. <i>alpina</i>	Alpine Bittercress	Alpine pasture
<i>Cardamine hirsuta</i>	Hairy Bittercress	Occasional
<i>Cardamine pratensis</i>	Cuckoo Flower	Damp places
<i>Cardamine raphanifolia</i>	Radish-leaved Bittercress	St Savin's Wood
<i>Draba aizoides</i>	Yellow Whitlow-grass	Cirque de Troumouse
<i>Draba dubia</i>		Alpine rocks
<i>Erysimum decumbens</i>	Decumbent Treacle-mustard	Lac des Gloriettes
<i>Hesperis matronalis</i>	Dame's Violet	Roadsides
<i>Huguenia tanacetifolia</i> subsp. <i>suffruticosa</i>	Tansy-leaved Rocket	Occasional. Endemic
<i>Hutchinsia alpina</i>	Chamois Cress	Alpine rocks and scree
<i>Iberis amara</i>	Wild Candytuft	Rocks. Gedre
<i>Iberis spathulata</i>	Spoon-leaved Candytuft	Rocks. Endemic
<i>Rorippa nasturtium-aquaticum</i>	Watercress	Springs
<i>Sisymbrium austriacum</i>	Austrian Rocket	Waste places

<i>Thlaspi perfoliatum</i>	Pennycress	Waste places
Buxaceae	Box Family	
<i>Buxus sempervirens</i>	Box	Dry hillsides. Gedre
Callitrichaceae	Starwort Family	
<i>Callitriche stagnalis</i>	Common Water Starwort	Standing water
Campanulaceae	Bellflower Family	
<i>Campanula cochlearifolia</i>	Fairy Thimbles	Mountain rocks
<i>Campanula glomerata</i>	Clustered Bellflower	Meadows and scrub
<i>Campanula patula</i>	Spreading Bellflower	Meadows and scrub
<i>Campanula rotundifolia</i>	Harebell	Mountain rocks
<i>Campanula scheuchzeri</i>	Scheuchzer's Bellflower	Rocks and turf
<i>Campanula trachelium</i>	Nettle-leaved Bellflower	Shady banks
<i>Jasione montana</i>	Mountain Sheep's-bit	Acidic screes
<i>Phyteuma hemisphericum</i>	Globe-headed Rampion	Acidic meadows
<i>Phyteuma orbiculare</i>	Round-headed Rampion	Meadows and rocks
<i>Phyteuma pyrenaicum</i>	Pyrenean Rampion	Meadows
<i>Phyteuma spicatum</i>	Spiked Rampion	Meadows
Caprifoliaceae	Honeysuckle Family	
<i>Lonicera periclymenum</i>	Common Honeysuckle	Occasional
<i>Lonicera pyrenaica</i>	Pyrenean Honeysuckle	Limestone rocks
<i>Lonicera xylosteum</i>	Fly Honeysuckle	Woods
<i>Sambucus ebulus</i>	Dwarf Elder	Lowland
<i>Sambucus nigra</i>	Common Elder	Woods
<i>Sambucus racemosa</i>	Alpine Elder	Mountain scrub
<i>Viburnum lantana</i>	Wayfaring Tree	Occasional
<i>Viburnum opulus</i>	Guelder Rose	Occasional
Caryophyllaceae	Pink Family	
<i>Cerastium alpinum</i>	Alpine Mouse-ear	Mountain rocks
<i>Cerastium cerastoides</i>	Starwort Mouse-ear	Rocky pasture
<i>Cerastium fontanum</i>	Common Mouse-ear	Common
<i>Cerastium tomentosum</i>	Snow-in-summer	Garden Escape
<i>Dianthus barbatus</i>	Sweet William	Garden escape
<i>Dianthus deltoides</i>	Maiden Pink	Occasional Dry places.
<i>Dianthus monspessulanus</i>	Fringed Pink	Rocks. Heas Valley
<i>Dianthus superbus</i>	Superb Pink	Wet pasture
<i>Gypsophila repens</i>	Alpine Gypsophila	Screes and rocky turf
<i>Lychnis alpina</i>	Alpine Catchfly	Turf. Troumouse
<i>Minuartia cerastiifolia</i>	A Sandwort	Limestone. Endemic
<i>Minuartia verna</i>	Vernal Sandwort	Rocky places
<i>Paronychia kapela</i> subsp. <i>serpyllifolia</i>		Rocky places
<i>Saponaria caespitosa</i>	Tufted Soapwort	Rocks.Ossoue Valley. Endemic
<i>Saponaria officinalis</i>	Soapwort	Occasional. Roadsides
<i>Scleranthus perennis</i>	Knawel	Occasional. Dry places
<i>Silene acaulis</i>	Moss Campion	Alpine turf

<i>Silene alba</i>	White Campion	Roadsides
<i>Silene dioica</i>	Red Campion	Roadsides
<i>Silene nutans</i>	Nottingham Catchfly	Heas Valley
<i>Silene rupestris</i>	Rock Campion	Rocks and screes
<i>Silene vulgaris</i>	Bladder Campion	Meadows
<i>Stellaria holostea</i>	Greater Stitchwort	Woods and ditches
<i>Stellaria media</i>	Common Chickweed	Common
<i>Stellaria nemorum</i>	Wood Stitchwort	Woods
Celastraceae	Spindle-tree Family	
<i>Euonymus europaeus</i>	Spindle Tree	Occasional. Woods
Chenopodiaceae	Goosefoot Family	
<i>Chenopodium bonus-henricus</i>	Good King Henry	Near habitation
Cistaceae	Rockrose Family	
<i>Helianthemum appeninum</i>	White Rockrose	Ossoue Valley
<i>Helianthemum canum</i>	Hoary Rockrose	Screes
<i>Helianthemum nummularium</i>	Common Rockrose	Common. Rocky places
Clusiaceae	Hypericum Family	
<i>Hypericum maculatum</i>	Imperforate St.John's-wort	Damp meadows
<i>Hypericum montanum</i>	Mountain St. John's-wort	Occasional
<i>Hypericum perforatum</i>	Perforate St John's-wort	Occasional
<i>Hypericum richeri</i>	Alpine St.John's-wort	Screes
Convolvulaceae	Bindweed Family	
<i>Convolvulus arvensis</i>	Field Bindweed	Occasional. Waste places
<i>Cuscuta epithimum</i>	Common Dodder	Occasional
Cornaceae	Dogwood Family	
<i>Cornus sanguinea</i>	Common Dogwood	Open woodland
Corylaceae	Hazel Family	
<i>Corylus avellana</i>	Hazel	Woodland
Crassulaceae	Stonecrop Family	
<i>Sedum acre</i>	Biting Stonecrop	Rocks and walls
<i>Sedum album</i>	White Stonecrop	Rocks
<i>Sedum dasyphyllum</i>	Thick-leaved Stonecrop	Rocks
<i>Sedum hirsutum</i>	Hairy Stonecrop	Occasional. Rocks
<i>Sedum rupestre</i>	Reflexed Stonecrop	Rocks
<i>Sedum telephium</i> subsp. <i>fabaria</i>	Orpine	Heas
<i>Sempervivum arachnoideum</i>	Cobweb Houseleek	Occasional. Rocks
<i>Sempervivum montanum</i>	Mountain Houseleek	Limestone rocks
<i>Sempervivum tectorum</i>	Common Houseleek	Occasional. Rocks
<i>Umbilicus rupestris</i>	Navelwort	Rocks and walls

Dioscoreaceae	Yam Family	
<i>Dioscorea pyrenaica</i>	Pyrenean Yam	Screes. Gavarnie. Endemic
<i>Tamus communis</i>	Black Bryony	Woods. Occasional
Dipsacaceae	Teasel Family	
<i>Knautia arvensis</i>	Field Scabious	Occasional
<i>Knautia dipsacifolia</i>	Wood Scabious	Shady places
<i>Scabiosa cinerea</i>	Pyrenean Scabious	Meadows. Endemic
<i>Scabiosa columbaria</i>	Small Scabious	Occasional
<i>Succisa pratensis</i>	Devil's-bit Scabious	Damp pasture
Ericaceae	Heath Family	
<i>Arctostaphylos uva-ursi</i>	Bearberry	Acidic rocks
<i>Calluna vulgaris</i>	Ling	Acidic rocks and heath
<i>Erica arborea</i>	Tree Heath	Low altitudes
<i>Erica cinerea</i>	Bell Heather	Widespread
<i>Erica tetralix</i>	Cross-leaved Heath	Bogs
<i>Rhododendron ferrugineum</i>	Alpenrose	Acidic pasture and rocks
<i>Vaccinium myrtillus</i>	Bilberry	Woods and mountains
<i>Vaccinium uliginosum</i>	Bog Whortleberry	Acidic pasture
Euphorbiaceae	Spurge Family	
<i>Euphorbia amygdaloides</i>	Wood Spurge	Forest
<i>Euphorbia cyparissias</i>	Cypress Spurge	Occasional. Rocky places
<i>Euphorbia hyberna</i>	Irish Spurge	Frequent. Woodland
<i>Mercurialis perennis</i>	Dog's Mercury	Woodland
Fabaceae	Pea Family	
<i>Anthyllis montana</i>	Mountain Kidney-vetch	Rocks
<i>Anthyllis vulneraria</i> subsp. <i>pyrenaica</i>	Pyrenean Kidney-vetch	Rocky places. Endemic
<i>Astragalus alpinus</i>	Alpine Milk-vetch	Stony pasture
<i>Astragalus glycyphyllos</i>	Wild Liquorice	Heas Valley
<i>Astragalus monspessulanus</i>	False Vetch	Stony pasture
<i>Hippocrepis comosa</i>	Horseshoe Vetch	Meadows
<i>Lathyrus aphaca</i>	Yellow Vetchling	Waste places
<i>Lathyrus laevigatus</i> subsp. <i>occidentalis</i>	Yellow Pea	Heas. Lac de Gaube
<i>Lathyrus latifolius</i>	Broad-leaved Everlasting Pea	Heas Valley
<i>Lathyrus montanus</i>	Bitter Vetch	Woods. Acidic soil
<i>Lathyrus pratensis</i>	Meadow Vetchling	Meadows
<i>Lathyrus vernus</i>	Spring Vetchling	Woods
<i>Lotus alpinus</i>	Alpine Bird's-foot Trefoil	Mountain pasture
<i>Lotus corniculatus</i>	Bird's-foot Trefoil	Grassy places
<i>Medicago lupulina</i>	Black Medick	Lowland
<i>Medicago suffruticosa</i>	Sprawling Medick	Rocky places
<i>Melilotus albus</i>	White Melilot	Roadsides
<i>Melilotus officinalis</i>	Ribbed Melilot	Waste ground
<i>Ononis aragonensis</i>		Damp meadow. Gavarnie Endemic

<i>Ononis fruticosa</i>	Shrubby Restharrow	Occasional
<i>Ononis natrix</i>	Large Yellow Restharrow	Occasional
<i>Ononis striata</i>	Yellow Restharrow	Occasional
<i>Oxytropis campestris</i>	Yellow Milk-vetch	Stony pasture
<i>Oxytropis pyrenaica</i>	Pyrenean Milk-vetch	Stony pasture
<i>Trifolium alpinum</i>	Alpine Clover	Mountain pasture
<i>Trifolium montanum</i>	Mountain Clover	Mountain pasture
<i>Trifolium ochroleucon</i>	Sulphur Clover	Occasional
<i>Trifolium pratense</i>	Red Clover	Meadows
<i>Trifolium repens</i>	White Clover	Meadows
<i>Trifolium rubens</i>	Red Trefoil	Occasional. Meadows
<i>Vicia cracca</i>	Tufted Vetch	Frequent
<i>Vicia hirsuta</i>	Hairy Tare	Roadsides
<i>Vicia orobus</i>	Bitter Vetch	Occasional
<i>Vicia pyrenaica</i>	Pyrenean Vetch	Common
<i>Vicia sepium</i>	Bush Vetch	Frequent
<i>Vicia sylvatica</i>	Wood Vetch	Shady places
Fagaceae	Beech Family	
<i>Fagus sylvatica</i>	Beech	Woodland
<i>Quercus petraea</i>	Sessile Oak	Mountain woodland
<i>Quercus pyrenaica</i>	Pyrenean Oak	Widespread in valleys
<i>Quercus robur</i>	Common Oak	Woodland in valleys
Fumariaceae	Fumitory Family	
<i>Fumaria officinalis</i>	Common Fumitory	Widespread
<i>Fumaria vaillantii</i>	Pale Fumitory	Occasional
Gentianaceae	Gentian Family	
<i>Gentiana acaulis</i>	Trumpet Gentian	Mountain turf
<i>Gentiana alpina</i>	Alpine Gentian	Mountain turf
<i>Gentiana burseri</i>		Mountain turf. Endemic
<i>Gentiana lutea</i>	Large Yellow Gentian	Gavarnie. Pont d'Espagne
<i>Gentiana verna</i>	Spring Gentian	Mountain turf
<i>Gentianella campestris</i>	Field Gentian	Occasional in pasture
<i>Gentianella ciliata</i>	Fringed Gentian	Mountain pasture
Geraniaceae	Geranium Family	
<i>Erodium cicutarium</i>	Common Stork's-bill	Dry rocky places
<i>Erodium petraeum</i> subsp. <i>lucidum</i>	Shining Stork's-bill	Occasional on rocks. Endemic
<i>Geranium cinereum</i>	Ashy Crane's-bill	Alpine pasture. Endemic
<i>Geranium lucidum</i>	Shining Crane's-bill	Rocky places
<i>Geranium molle</i>	Dove's-foot Crane's-bill	Occasional
<i>Geranium phaeum</i>	Dusky Crane's-bill	Shady places
<i>Geranium pratense</i>	Meadow Crane's-bill	Meadows
<i>Geranium pyrenaicum</i>	Pyrenean Crane's-bill	Common
<i>Geranium robertianum</i>	Herb Robert	Rocky places
<i>Geranium rotundifolium</i>	Round-leaved Crane's-bill	Occasional
<i>Geranium sanguineum</i>	Bloody Crane's-bill	Scree. Heas Valley
<i>Geranium sylvaticum</i>	Wood Crane's-bill	Meadows

Gesneriaceae*Ramonda myconi***Gloxinia Family**

Ramonda

Shady cliffs and boulders.
Endemic**Globulariaceae***Globularia gracilis***Globularia Family**Barrage d'Ossoue.
Endemic*Globularia nudicaulis*

Leafless-stemmed Globularia Occasional on rocks

Globularia repens

Creeping Globularia

Limestone rocks
Endemic**Grossulariaceae***Ribes alpinum***Gooseberry Family**

Mountain Currant

Occasional. Woods

Ribes petraeum

Rock Currant

Occasional

Lamiaceae*Acinos alpinus***Mint Family**

Alpine Calamint

Rocks and screes

Ajuga pyramidalis

Pyramidal Bugle

Mountain pasture

Ajuga reptans

Common Bugle

Widespread

Ballota nigra

Black Horehound

Occasional

Betonica officinalis

Betony

Occasional

Clinopodium vulgare

Wild Basil

Frequent

Galeosis angustifolia

Red Hemp-nettle

Occasional

Galeopsis pyrenaica

Pyrenean Hemp Nettle

Local. Endemic

Galeopsis tetrahit

Common Hemp-nettle

Waste places

Glechoma hederacea

Ground Ivy

Woods

Horminum pyrenaicum

Dragonmouth

Mountain rocks. Local

Lamiaeum galeobdolon

Yellow Archangel

Woods

Lamium album

White Deadnettle

Occasional

Lamium purpureum

Red Deadnettle

Occasional

Marrubium vulgare

White Horehound

Dry places

Mentha longifolia

Horse Mint

Damp places

Origanum vulgare

Marjoram

Occasional. Dry places

Prunella grandiflora

Large-flowered Self-heal

Frequent

Prunella laciniata

Cut-leaved Self-heal

Occasional

Prunella vulgaris

Self-heal

Widespread

Salvia pratensis

Meadow Clary

Occasional

Salvia verbenaca

Wild Clary

Occasional

Scutellaria alpina

Alpine Skullcap

Screes

Sideritis hyssopifolia

Sideritis

Screes. Ossoue Valley

Stachys alopecurus

Yellow Betony

Meadows. Occasional

Stachys officinalis

Betony

Occasional. Meadows

Stachys recta

Yellow Woundwort

Roadsides

Stachys sylvatica

Hedge Woundwort

Shady places

Teucrium chamaedrys

Wall Germander

Occasional

Teucrium pyrenaicum

Pyrenean Germander

Screes. Endemic

Teucrium scorodonia

Wood Sage

Woods

Thymus praecox subsp.
polytrichus

Wild Thyme

Dry places

Lentibulariaceae	Butterwort Family	
<i>Pinguicula grandiflora</i>	Large-flowered Butterwort	Wet areas
<i>Pinguicula longifolia</i>	Long-leaved Butterwort	Cirque de Gavarnie
<i>Pinguicula vulgaris</i>	Common Butterwort	Wet turf
Linaceae	Flax Family	
<i>Linum catharticum</i>	Fairy Flax	Common
Loranthaceae	Mistletoe Family	
<i>Viscum album</i>	Mistletoe	Gedre
Malvaceae	Mallow Family	
<i>Malva alcea</i>	Cut-leaved Mallow	Roadsides
<i>Malva moschata</i>	Musk Mallow	Waste places
<i>Malva neglecta</i>	Dwarf Mallow	Waste places
<i>Malva sylvestris</i>	Common Mallow	Waste places
Monotropaceae	Birdsnest Family	
<i>Monotropa hypopitys</i>	Yellow Birdsnest	Gavarnie
Oleaceae	Ash Family	
<i>Fraxinus excelsior</i>	Ash	Woods
Onagraceae	Willowherb Family	
<i>Chamaenerion angustifolium</i>	Rosebay Willowherb	Occasional
<i>Epilobium alsinifolium</i>	Chickweed Willowherb	Wet places
<i>Epilobium anagallidifolium</i>	Alpine Willowherb	Wet mountain turf
<i>Epilobium montanum</i>	Broad-leaved Willowherb	Widespread
Orobanchaceae	Broomrape Family	
<i>Orobanche alba</i>	Thyme Broomrape	Occasional
<i>Orobanche caryophyllacea</i>	Clove-scented Broomrape	Ossoue Valley
<i>Orobanche minor</i>	Common Broomrape	Occasional
Oxalidaceae	Wood-sorrel Family	
<i>Oxalis acetosella</i>	Wood-sorrel	Woods and rocks
Papaveraceae	Poppy Family	
<i>Chelidonium majus</i>	Greater Celandine	Waste places
<i>Meconopsis cambrica</i>	Welsh Poppy	Occasional
<i>Papaver rhoeas</i>	Common Poppy	Occasional. Roadsides
Parnassiaceae	Grass of Parnassus Family	
<i>Parnassia palustris</i>	Grass of Parnassus	Common. Damp turf
Plantaginaceae	Plantain Family	
<i>Plantago alpina</i>	Alpine Plantain	Mountain turf
<i>Plantago lanceolata</i>	Ribwort Plantain	Widespread
<i>Plantago major</i>	Greater Plantain	Widespread
<i>Plantago media</i>	Hoary Plantain	Widespread

Platanaceae	Plane Family	
<i>Platanus x hispanica</i>	London Plane	Planted
Polygalaceae	Milkwort Family	
<i>Polygala alpestris</i>	Mountain Milkwort	Pastures
<i>Polygala alpina</i>	Alpine Milkwort	Mountain pastures
<i>Polygala comosa</i>	Tufted Milkwort	Dry grassy places
<i>Polygala serpyllifolia</i>	Thyme-leaved Milkwort	Acidic pasture
<i>Polygala vulgaris</i>	Common Milkwort	Acidic pasture
Polygonaceae	Dock Family	
<i>Oxyria digyna</i>	Mountain Sorrel	Damp mountain rocks
<i>Polygonum viviparum</i>	Mountain Bistort	Mountain turf
<i>Rumex acetosa</i>	Common Sorrel	Common
<i>Rumex acetosella</i>	Sheep's Sorrel	Common
<i>Rumex alpinus</i>	Monk's Rhubarb	Lac de Gaube
<i>Rumex scutatus</i>	French Sorrel	Rocks and screes
Primulaceae	Primrose Family	
<i>Androsace villosa</i>	Hairy Rock-jasmine	Limestone rocks and turf
<i>Primula farinosa</i>	Bird's-eye Primrose	Wet rocks and turf
<i>Primula hirsuta</i>	Hairy Primrose	Damp cliffs
<i>Primula integrifolia</i>	Entire-leaved Primrose	Wet acidic turf
<i>Primula veris</i>	Cowslip	Occasional
<i>Vitaliana primuliflora</i> subsp. <i>canescens</i>	Vitaliana	Mountain rocks and turf
Pyrolaceae	Wintergreen Family	
<i>Moneses uniflora</i>	One-flowered Wintergreen	Gavarnie
<i>Orthilia secunda</i>	One-sided Wintergreen	Gavarnie
<i>Pyrola minor</i>	Lesser Wintergreen	Woodland
Ranunculaceae	Buttercup Family	
<i>Aconitum anthora</i>	Yellow Monkshood	Common
<i>Aconitum napellus</i> var. <i>compactum</i>	Common Monkshood	Common
<i>Actaea spicata</i>	Baneberry	Occasional
<i>Anemone nemorosa</i>	Wood Anemone	Frequent
<i>Aquilegia pyrenaica</i>	Pyrenean Columbine	Cirque de Gavarnie Endemic
<i>Aquilegia vulgaris</i>	Common Columbine	Heas Valley
<i>Caltha palustris</i>	Marsh Marigold	Bogs and streamsides
<i>Helleborus foetidus</i>	Stinking Hellebore	Woods
<i>Helleborus viridis</i>	Green Hellebore	Woods and pastures
<i>Hepatica nobilis</i>	Hepatica	Woodland and alpine turf
<i>Ranunculus aconitifolius</i>	Aconite-leaved Buttercup	Pont d'Espagne
<i>Ranunculus acris</i>	Meadow Buttercup	Meadows
<i>Ranunculus alpestris</i>	Alpine Buttercup	Port de Bucharo
<i>Ranunculus flammula</i>	Lesser Spearwort	Wet areas
<i>Ranunculus gouanii</i>	Gouan's Buttercup	Mountain meadows. Endemic

<i>Ranunculus nemorosus</i>	Wood Buttercup	Grassy places
<i>Ranunculus parnassifolius</i>	Parnassus-leaved Buttercup	Port de Bucharo
<i>Ranunculus pyrenaicus</i>	Pyrenean Buttercup	Damp alpine turf. Endemic
<i>Ranunculus repens</i>	Creeping Buttercup	Widespread
<i>Ranunculus thora</i>	Thore's Buttercup	Limestone turf. Gavarnie
<i>Ranunculus trichophyllus</i>	Thread-leaved Water Crowfoot	Pont d'Espagne
<i>Thalictrum aquilegifolium</i>	Great Meadow-rue	Damp areas
<i>Trollius europaeus</i>	Globe Flower	Damp areas
Resedaceae	Mignonette Family	
<i>Reseda glauca</i>	Pyrenean Mignonette	Screes. Endemic
<i>Reseda luteola</i>	Weld	Waste ground
<i>Sesamoides clusii</i>	Sesamoides	Occasional on scree
Rhamnaceae	Buckthorn Family	
<i>Rhamnus alpinus</i>	Alpine Buckthorn	Rocky places. Ossoue
<i>Rhamnus pumilus</i>	Dwarf Buckthorn	Rocks. Lac des Gloriettes
Rosaceae	Rose Family	
<i>Alchemilla alpina</i>	Alpine Lady's-mantle	Widespread
<i>Alchemilla glaucescens</i>	Small Lady's-mantle	Widespread
<i>Alchemilla vulgaris</i> agg.	Lady's Mantle	Meadows and woods
<i>Amelanchier ovalis</i>	Snowy Mespilus	Lac des Gloriettes
<i>Aruncus dioicus</i>	Goat'sbeard Spiraea	Damp shade on acid soils
<i>Cotoneaster integerrimus</i>	Wild Cotoneaster	Rocky places
<i>Crataegus monogyna</i>	Hawthorn	Woods
<i>Dryas octopetala</i>	Mountain Avens	Mountains. Local
<i>Filipendula ulmaria</i>	Meadowsweet	Wet places
<i>Fragaria vesca</i>	Wild Strawberry	Common
<i>Geum pyrenaicum</i>	Pyrenean Avens	Mountain pasture
<i>Geum rivale</i>	Water Avens	Occasional in wet places
<i>Geum urbanum</i>	Herb Bennet	Shady places
<i>Potentilla alba</i>	White Cinquefoil	Rocks and pasture
<i>Potentilla alchemilloides</i>	Alchemilla-leaved Cinquefoil	Limestone rocks
<i>Potentilla aurea</i>	Golden Cinquefoil	Mountain turf
<i>Potentilla erecta</i>	Tormentil	Common
<i>Potentilla fruticosa</i>	Shrubby Cinquefoil	Gavarnie
<i>Potentilla crantzii</i>	Alpine Cinquefoil	Mountain pasture
<i>Potentilla montana</i>	Mountain Cinquefoil	Rocky places
<i>Potentilla reptans</i>	Creeping Cinquefoil	Waste places
<i>Potentilla rupestris</i>	Rock Cinquefoil	Rocks. Local
<i>Prunus avium</i>	Wild Cherry	Occasional
<i>Prunus spinosa</i>	Blackthorn	Occasional. Scrub
<i>Rubus idaeus</i>	Raspberry	Common
<i>Rubus fruticosus</i>	Bramble	Common
<i>Rubus saxatilis</i>	Stone Bramble	Frequent
<i>Rosa arvensis</i>	Field Rose	Widespread
<i>Rosa canina</i>	Dog Rose	Roadsides
<i>Rosa glauca</i>	Blue-leaved Rose	Mountain scrub

<i>Rosa pendulina</i>	Alpine Rose	Mountain scrub
<i>Rosa rubiginosa</i>	Sweet Briar	Widespread
<i>Sanguisorba minor</i>	Salad Burnet	Common in rocky places
<i>Sorbus aria</i>	Whitebeam	Open woods
<i>Sorbus aucuparia</i>	Mountain Ash	Mountains
<i>Sorbus chamaemespilus</i>	False Medlar	Mountain scrub
<i>Sorbus mougeotii</i>	Mougeot's Whitebeam	Ossoue Valley
Rubiaceae	Bedstraw Family	
<i>Asperula pyrenaica</i>	Pyrenean Woodruff	Rocky places
<i>Cruciata laevipes</i>	Crosswort	Pastures and roadsides
<i>Galium aparine</i>	Goosegrass	Scrub and waste places
<i>Galium mollugo</i>	Hedge Bedstraw	Scrub and meadows
<i>Galium odoratum</i>	Woodruff	Woods
<i>Galium pyrenaicum</i>	Pyrenean Bedstraw	Col des Tentes. Endemic
<i>Galium verum</i>	Lady's Bedstraw	Meadows
<i>Rubia peregrina</i>	Wild Madder	Occasional in woods
Salicaceae	Willow Family	
<i>Populus alba</i>	White Poplar	Frequent
<i>Populus tremula</i>	Aspen	Occasional in forests
<i>Salix aurita</i>	Eared Sallow	Widespread
<i>Salix caprea</i>	Goat Willow	Occasional
<i>Salix eleagnos</i>	Hoary Willow	Streamsides
<i>Salix herbacea</i>	Least Willow	Troumouze
<i>Salix pyrenaica</i>	Pyrenean Willow	Mountain rocks
<i>Salix reticulata</i>	Net-veined Willow	Troumouze
<i>Salix retusa</i>	Retuse-leaved Willow	Alpine turf
<i>Salix viminalis</i>	Common Osier	Widespread in lowlands
Santalaceae	Sandalwood Family	
<i>Thesium pyrenaicum</i>	Pyrenean Bastard-toadflax	Frequent
Saxifragaceae	Saxifrage Family	
<i>Chrysosplenium oppositifolium</i>	Opposite-leaved Golden Saxifrage	Wet acidic areas
<i>Saxifraga aizoides</i>	Yellow Mountain Saxifrage	Wet areas
<i>Saxifraga cotyledon</i>	Pyramidal Saxifrage	Rocks. Heas Valley
<i>Saxifraga hirsuta</i>	Hairy Saxifrage	Shady streamsides
<i>Saxifraga longifolia</i> subsp. <i>longifolia</i>	Pyrenean Saxifrage	Cliffs and boulders.
<i>Saxifraga moschata</i>	Musky Saxifrage	Limestone rocks
<i>Saxifraga paniculata</i>	Livelong Saxifrage	Common on rocks
<i>Saxifraga pubescens</i>	Hairy Saxifrage	Alpine rocks. Endemic
<i>Saxifraga stellaris</i>	Starry Saxifrage	Wet turf
<i>Saxifraga umbrosa</i>	Wood Saxifrage	Woods. Endemic
Scrophulariaceae	Figwort Family	
<i>Antirrhinum sempervirens</i>	Rock Snapdragon	Rocks
<i>Bartsia alpina</i>	Alpine Bartsia	Meadows and pasture

<i>Chaenorhinum origanifolium</i>	Creeping Snapdragon	Screes. Endemic
<i>Cymbalaria muralis</i>	Ivy-leaved Toadflax	Rocks and walls
<i>Digitalis lutea</i>	Small Yellow Foxglove	Below Gedre
<i>Digitalis purpurea</i>	Purple Foxglove	Frequent
<i>Erinus alpinus</i>	Fairy Foxglove	Rocks and screes
<i>Euphrasia alpina</i>	Alpine Eyebright	Mountain pasture
<i>Euphrasia rotskoviana</i>	Rostkov Eyebright	Meadows
<i>Linaria alpina</i>	Alpine Toadflax	Alpine turf
<i>Linaria supina</i>	Pyrenean Toadflax	Screes. Endemic
<i>Linaria vulgaris</i>	Common Toadflax	Waste places
<i>Melampyrum sylvaticum</i>	Small Cow-wheat	Mountain woods
<i>Pedicularis palustris</i>	Marsh Lousewort	Bogs
<i>Rhinanthus minor</i>	Yellow Rattle	Meadows
<i>Scrophularia canina</i>	French Figwort	Occasional
<i>Scrophularia nodosa</i>	Common Figwort	Damp habitats
<i>Verbascum nigrum</i>	Dark Mullein	Occasional
<i>Verbascum phlomoides</i>	Orange Mullein	Roadsides
<i>Verbascum pulverulentum</i>	Hoary Mullein	Rocky places
<i>Veronica aphylla</i>	Leafless-stemmed Speedwell	Mountain turf
<i>Veronica bellidioides</i>	Violet Speedwell	Pastures. Lac de Gaube
<i>Veronica chamaedrys</i>	Germander Speedwell	Meadows
<i>Veronica fruticans</i>	Rock Speedwell	Mountain rocks
<i>Veronica nummularia</i>		Snowbeds. Endemic
<i>Veronica officinalis</i>	Heath Speedwell	Occasional. Dry places
<i>Veronica ponae</i>	Spiked Pyrenean Speedwell	Woods and shady places
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	Woods and pastures
<i>Veronica urticifolia</i>	Nettle-leaved Speedwell	Woods and shady places
Solanaceae	Nightshade Family	
<i>Atropa belladonna</i>	Deadly Nightshade	Occasional. Shady places
Thymelaceae	Daphne Family	
<i>Daphne cneorum</i>	Garland Flower	Mountain pasture. Local
<i>Daphne laureola</i>	Spurge Laurel	Woods and rocks
<i>Daphne mezereum</i>	Mezereon	Forest and open pasture
<i>Thymelaea calycina</i>		Screes. Ossoue valley. Endemic
Tiliaceae	Lime Tree Family	
<i>Tilia cordata</i>	Small-leaved Lime	Common
<i>Tilia platyphyllos</i>	Large-leaved Lime	Widely planted
Ulmaceae	Elm Family	
<i>Ulmus glabra</i>	Wych Elm	Gedre
<i>Ulmus minor</i>	Smooth Elm	Occasional
<i>Ulmus procera</i>	English Elm	Widespread
Urticaceae		
<i>Parietaria judaica</i>	Pellitory-of-the-wall	Walls
<i>Urtica dioica</i>	Nettle	Disturbed areas

Valerianaceae

Centranthus ruber
Valeriana globularifolia
Valeriana officinalis
Valeriana pyrenaica

Valeriana tripteris

Verbenaceae

Verbena officinalis

Violaceae

Viola biflora
Viola cornuta
Viola palustris
Viola riviniana

Valerian Family

Red Valerian Walls
 Globularia-leaved Valerian Rocks and screes
 Common Valerian Meadows and scrub
 Pyrenean Valerian Damp woodland.
 Val de Jeret. Endemic
 Three-leaved Valerian Woods and scrub

Vervain Family

Vervain Occasional

Violet Family

Yellow Wood Violet Shady places
 Horned Pansy Meadows. Endemic
 Bog Violet Bogs
 Common Dog Violet Grassy places

MONOCOTYLEDONS**Cyperaceae**

Eriophorum angustifolium
Carex atrata
Carex demissa
Carex echinata
Carex nigra

Sedge Family

Common Cotton-grass Bogs
 Black Sedge Mountain turf
 Common Yellow Sedge Frequent
 Star Sedge Damp places
 Common Sedge Wet mountain turf

Iridaceae

Crocus nudiflorus
Iris latifolia

Iris Family

Leafless Crocus Meadows. Endemic
 English Iris Mountain pasture
 Endemic

Juncaceae

Juncus alpinoarticulatus
Juncus effusus
Luzula spicata
Luzula sylvatica

Rush Family

Alpine Rush Wet mountain pasture
 Soft Rush Wet places
 Spiked Wood-rush Mountain pasture
 Great Wood-rush Woodland

Liliaceae

Allium senescens
Allium sphaerocephalon
Allium victorialis
Asphodelus albus
Convallaria majalis
Lilium martagon
Lilium pyrenaicum
Merendera montana

Paris quadrifolia
Polygonatum verticillatum
Tofieldia calyculata
Veratrum album

Lily Family

Mountain Onion Above Gedre
 Round-headed Leek Rocky pasture
 Alpine Leek Pont d'Espagne
 White Asphodel Meadows and pasture
 Lily of the Valley Occasional. Woodland
 Martagon Lily Woodland and meadows
 Pyrenean Lily Occasional. Endemic
 Merendera Mountain meadows.
 Endemic
 Woodland
 Herb Paris Occasional. Woods
 Whorled Solomon's Seal Wet places
 Tofield's Asphodel Occasional. Mountain
 White False Helleborine Pasture

Orchidaceae

Dactylorhiza sambucina
Dactylorhiza majalis
Epipactis atrorubens
Epipactis helleborine
Goodyera repens
Gymnadenia conopsea
Neottia nidus-avis

Orchid Family

Elder-flowered Orchid Meadows. Heas Valley
 Broad-leaved Marsh Orchid Damp meadows
 Dark-red Helleborine Gavarnie
 Broad-leaved Helleborine Occasional
 Creeping Lady's Tresses Rare
 Fragrant Orchid Meadows
 Bird's-nest Orchid Occasional. Forest

Poaceae

Anthoxanthum odoratum
Arrhenatherum elatius
Briza media
Bromus commutatus
Dactylis glomerata
Glyceria fluitans
Holcus lanatus
Hordeum murinum
Melica uniflora
Melica nutans
Nardus stricta
Phleum alpinum
Poa alpina
Poa annua

Grass Family

Sweet Vernal Grass Meadows
 False Oat Grass Frequent
 Quaking-grass Meadows
 Meadow Brome Meadows
 Cock's-foot Widespread
 Floating Sweet-grass Pools
 Yorkshire Fog Meadows
 Wall Barley Waste ground
 Wood Melick Woods
 Mountain Melick Woods
 Mat Grass Mountain pasture
 Alpine Timothy-grass Alpine turf
 Alpine Meadow-grass Mountain pasture
 Annual Meadow Grass Trackways

Sparganiaceae

Sparganium angustifolium

Bur-reed family

Floating Bur-reed

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

	Common name	Scientific name	September								
			7	8	9	10	11	12	13	14	
1	Marsh Harrier	<i>Circus aeruginosus</i>									✓
2	Lammergeier	<i>Gypaetus barbatus</i>		1				4	1		
3	Griffon Vulture	<i>Gyps fulvus</i>	✓	40		2		100	✓		
4	Northern Sparrowhawk	<i>Accipiter nisus</i>						✓			
5	Common Buzzard	<i>Buteo buteo</i>							✓		
6	Golden Eagle	<i>Aquila chrysaetos</i>					✓				
7	Booted Eagle	<i>Hieraaetus pennatus</i>		✓	✓						
8	Common Kestrel	<i>Falco tinnunculus</i>			✓	4	✓	✓	✓		
9	Rock Dove / Feral Pigeon	<i>Columba livia</i>	✓				✓	✓	✓		
10	Tawny Owl	<i>Sytix aluco</i>				H	H		H		
11	Wryneck	<i>Jynx torquilla</i>								✓	
12	Green Woodpecker	<i>Picus viridis</i>									
13	Crag Martin	<i>Ptyonoprogne rupestris</i>	✓	✓		✓	✓	✓	✓		
14	Swallow	<i>Hirundo rustica</i>					✓	✓	✓		
15	House Martin	<i>Delichon urbica</i>	500	✓				✓	✓		
16	Water Pipit	<i>Anthus spinoletta</i>	✓	✓		✓		✓	✓		
17	White Wagtail	<i>Motacilla alba</i>	✓	✓	✓	✓		✓			
18	Grey Wagtail	<i>Motacilla cinerea</i>	✓	✓	✓	✓	✓	✓			
19	Dipper	<i>Cinclus cinclus</i>	✓	✓				✓			

	Common name	Scientific name	September							
			7	8	9	10	11	12	13	14
20	Wren	<i>Troglodytes troglodytes</i>			H		✓	✓		
21	Dunnock	<i>Prunella modularis</i>	✓	✓				✓		
22	Alpine Accentor	<i>Prunella collaris</i>							✓	
23	Robin	<i>Erithacus rubecula</i>			H					
24	Black Redstart	<i>Phoenicurus ochruros</i>		✓	✓	✓	✓	✓	✓	
25	Northern Wheatear	<i>Oenanthe oenanthe</i>	✓	✓		✓		✓	✓	
26	Rock Thrush	<i>Monticola saxatilis</i>						✓	✓	
27	Ring Ouzel	<i>Turdus torquatus</i>		✓						
28	Blackbird	<i>Turdus merula</i>		✓	✓	✓				
29	Chiffchaff	<i>Phylloscopus collybita</i>			✓					
30	Goldcrest	<i>Regulus regulus</i>			✓					
31	Firecrest	<i>Regulus ignicapillus</i>			✓		✓			
32	Spotted Flycatcher	<i>Muscicapa striata</i>	✓		✓					
33	Pied Flycatcher	<i>Ficedula hypoleuca</i>					✓		✓	
34	Crested Tit	<i>Lophophanes cristatus</i>			✓					
35	Coal Tit	<i>Parus ater</i>			✓					
36	Great Tit	<i>Parus major</i>		✓	✓				✓	
37	Blue Tit	<i>Cyanistes caeruleus</i>			H					
38	Nuthatch	<i>Sitta europaea</i>				H				
39	Treecreeper	<i>Certhia familiaris</i>			✓					
40	Wallcreeper	<i>Tichodroma muraria</i>			2				✓	
41	Starling	<i>Sturnus vulgaris</i>								✓
42	Jay	<i>Garrulus glandarius</i>		✓	✓				✓	
43	Magpie	<i>Pica pica</i>								✓
44	Alpine Chough	<i>Pyrrhocorax graculus</i>			✓			✓	✓	
45	Chough	<i>Pyrrhocorax Pyrrhocorax</i>	✓	✓		✓		✓	✓	
46	Raven	<i>Corvus corax</i>		✓				✓	✓	
47	Carrion Crow	<i>Corvus corone</i>	✓		✓	✓	✓	✓	✓	
48	House Sparrow	<i>Passer domesticus</i>		✓	✓	✓	✓	✓	✓	
49	Chaffinch	<i>Fringilla coelebs</i>			✓		✓	✓	✓	
50	Citril Finch	<i>Serinus citrinella</i>			✓		✓		✓	
51	Linnet	<i>Acanthis cannabina</i>	✓							
52	Yellowhammer	<i>Emberiza citrinella</i>	✓						✓	

Butterflies

1	Swallowtail	<i>Papilio machaon</i>				□		✓		
2	Clouded Apollo	<i>Parnassius mnemosyne</i>						✓		
3	Large White	<i>Pieris brassicae</i>				✓		✓	✓	
4	Small White	<i>Pieris rapae</i>				✓				
5	Green-veined White	<i>Pieris napi</i>				✓				
6	Clouded Yellow	<i>Colias crocea</i>			✓			✓	✓	
7	Little Blue	<i>Cupido minimus</i>						✓		
8	Common Blue	<i>Polyommatus icarus</i>			✓	✓	✓	✓	✓	
9	Adonis Blue	<i>Lysandra bellargus</i>						✓	✓	□
10	Brown Argus	<i>Aricia agestis</i>						✓	✓	
11	Wall Brown	<i>Lasiommata megera</i>			✓					
12	Mountain Ringlet	<i>Erebia epiphron</i>							✓	
13	Piedmont Ringlet	<i>Erebia meolans</i>			✓					
14	Marbled White	<i>Melanargia galathea</i>	✓					✓		
15	Rock Grayling	<i>Hipparchia alcyone</i>						✓		
16	Queen of Spain Fritillary	<i>Issoria lathonia</i>			✓			✓	✓	

	Common name	Scientific name	September								
			7	8	9	10	11	12	13	14	
17	Shepherd's Fritillary	<i>Boloria pales</i>							✓	✓	
18	Small Pearl-bordered Fritillary	<i>Boloria selene</i>							✓	✓	
19	Pearl-bordered Fritillary	<i>Boloria euphrosyne</i>			✓						
20	Camberwell Beauty	<i>Nymphalis antiopa</i>							✓	✓	
21	Small Tortoiseshell	<i>Aglais urticae</i>								✓	
22	Red Admiral	<i>Vanessa atalanta</i>			✓				✓	✓	
23	Comma	<i>Polygonia c-album</i>			✓						
24	Chequered Skipper	<i>Carterocephalus palaemon</i>							✓	✓	
25	Large Skipper	<i>Ochlodes sylvanus</i>								✓	

Mammals

1	Red Squirrel	<i>Sciurus vulgaris</i>							✓		
2	Alpine Marmot	<i>Marmota marmota</i>	✓	✓				✓	✓	✓	

Reptiles

1	Wall Lizard	<i>Podarcis muralis</i>							✓		
2	Common Lizard	<i>Zootoca vivipara</i>			✓				✓	✓	
3	Asp Viper	<i>Vipera aspis</i>				✓					

Amphibians

□

1	Pyrenean Brook Newt	<i>Euproctus asper</i>				✓	✓				
2	Common Frog	<i>Rana temperaria</i>				✓	✓				
3	Pyrenean Frog	<i>Rana pyrenaica</i>				✓					

Moths

1	Six-Spot Burnet Moth	<i>Zygaena filipendulae</i>				✓		✓	✓		
2	Humming-bird Hawkmoth	<i>Macroglossum stellatarum</i>			✓			✓			
3	Oak Eggar larva	<i>Lasiocampa quercus</i>						✓			

Other invertebrates

1	Fire Bug	<i>Pyrrhocorus apteris</i>	✓	✓							
2	Red-winged Grasshopper	<i>Oedipoda germanica</i>				✓	✓	✓	✓		
3	Great Green Bush Cricket	<i>Tettigonia viridissima</i>		✓			✓	✓			
4	Ephipigger	<i>Ephipigger ephipigger</i>			✓						
5	Wood Ant	<i>Formica rufa</i>					✓				