

# The French Pyrenees

Naturetrek Tour Report

2 - 9 October 2019



*Crocus nudiflorus*



In sunny Spain



Ossoue Valley



Pont d'Espagne

Report & Images by David Tattersfield



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Tour participants: David Tattersfield (leader) with seven Naturetrek clients.

## Summary

Our slightly later visit to the Pyrenees, this year, proved to be an immense success. The superb weather, good food and the best of hotels all played their part, but it was largely the enthusiasm of the group that made the week such a great success. We enjoyed long days of walking in stunning scenery, exploring the region's rich diversity of geology, wildlife and culture.

### Day 1

### Wednesday 2nd October

Arriving in Lourdes, in the late afternoon, we loaded our minibuses and set off towards the High Pyrenees. Just beyond Luz-Saint-Sauveur, we drove through the old spa town and made a short stop at the Pont Napoleon, the impressive bridge spanning the narrow gorge of the Gave de Pau. It was built at the request of Napoleon III, after he and the Empress Eugenie stayed at the Spa, in 1859. An interesting range of plants, growing on the cliffs, included the endemic *Ramonda myconi*, Pyrenean Saxifrage *Saxifraga longifolia* and the delicate Smooth Spleenwort *Asplenium fontanum*. We had excellent views of our first Crag Martins, as they flew just below the bridge. Continuing up the valley, we were soon at our hotel, in the quiet village of Gèdre, and looking forward to the week ahead.

### Day 2

### Thursday 3rd October

After a cool night, the day warmed up quickly and it remained sunny all day. Even before we left the hotel, we saw our first raptors, taking to the air across the valley. A number of Griffon Vultures were soon joined by a solitary Lammergeier. As we ascended the Héas Valley, we made several stops to familiarise ourselves with the flora; there was so much to take in on our first day and, without too many flowers to distract us, we focussed instead on the vegetative features of the plants we found.

Leaving the main valley, we walked slowly up the road towards the Barrage des Gloriettes. In the damp turf, we were excited to find our first patches of purple *Crocus nudiflorus*. This elegant species is endemic to the Pyrenees and the mountains of northern Spain and has a stoloniferous habit, with leaves emerging two months after flowering. Close-by, were stands of Rough Horsetail *Equisetum hyemale* and a large mat of Hairy Primrose *Primula hirsuta*, with a fresh crop of out-of-season flowers.

After a substantial lunch, we set off across the dam wall. The water level was particularly low, due to abstraction for hydroelectric power. White and Grey Wagtail were busily feeding around the water's edge. The more obvious plants along the way included Bearberry *Arctostaphylos uva-ursi*, Snowy Mespilus *Amelanchier ovalis*, Wild Cotoneaster *Cotoneaster integerrimus*, emerging leaves of White Asphodel *Asphodelus albus*, the ripe seedpods of Pyrenean Iris *Iris latifolia* and the silvery, spiny leaves of Pyrenean Eryngo *Eryngium bourgatii*. A few late flowers distinguished the blue Common Monkshood *Aconitum napellus* from the Yellow Monkshood *Aconitum anthora*. Beyond the dam, the valley floor is littered with limestone boulders, fallen from the cliffs above. They support a very different flora from that of the crystalline bedrock, on which we had been walking until now. New species included Hairy Rock-jasmine *Androsace villosa*, Pyrenean Germander *Teucrium pyrenaicum*, Mountain Kidney Vetch *Anthyllis montana* and Creeping Globularia *Globularia repens*. Around the boulders were shrubs of Spurge Laurel

*Daphne laureola*, Mezereon *Daphne laureola* and the occasional Common Barberry *Berberis vulgaris*, with bright red berries. We walked up the valley, as far as the boundary of the National Park, to gain a better view of the Cirque d'Estaubé. Alongside the river, we found a few flowers of Fringed Gentian *Gentianopsis ciliata* and Field Gentian *Gentianella campestris* and it wasn't long before we spotted our first Dipper. Crossing a bridge, we returned along the other side of the barrage, where the turf was awash with amazing drifts of *Crocus nudiflorus*. After a very rewarding day, we were back at the hotel, just after 6.00pm.

## Day 3

## Friday 4th October

Another beautiful sunny day saw us heading up to the Cirque de Troumouse. We parked at the Auberge du Maillet, at 1830 metres. The 'little train', that now takes visitors to the Cirque, only operates during the busy months, so we set off on foot. Around an hour later, we reached the rim of the cirque and were pleased to find a few flowers of Alpine Gentian *Gentiana alpina*, in the closely-cropped turf. The Cirque de Troumouse is one of the largest glacial cirques in the Pyrenees, characterised by a vast expanse of pasture, crossed by numerous streams, and backed by an imposing headwall of steep Cretaceous limestone cliffs, stretching for over four kilometres. The underlying Palaeozoic rocks consist mainly of impermeable, metamorphic gneisses and, where they are exposed, they bear the clear marks of glaciations. Over much of the cirque, these basement rocks are buried under moraines and particularly towards the back of the cirque, they are overlain by a complex of fallen boulders, talus slopes and rock glaciers.

We followed the broad track towards the back of the cirque, passing pools with Floating Bur-reed *Sparganium angustifolium* and common Water Starwort *Callitriche stagnalis*. We climbed to the top of the moraines and found a convenient viewpoint for lunch. We had hoped to see Alpine Accentor and White-winged Snowfinch, which regularly breed here, but today we had to content ourselves with Water Pipit and the ubiquitous Black Redstart. We navigated our way through a complex landscape of rocky knolls and limestone boulders, finding a very diverse flora. Common species included Purple Saxifrage *Saxifraga oppositifolia*, Livelong Saxifrage *Saxifraga paniculata*, Mountain Houseleek *Sempervivum montanum* and Moss Champion *Silene acaulis*. Spring Gentian *Gentiana verna* and Alpine Cinquefoil *Potentilla crantzii* still displayed a few flowers and we compared the leaves of Alpine Lady's-mantle *Alchemilla alpina* and the superficially similar Alchemilla-leaved Cinquefoil *Potentilla alchemilloides*. Mats of Mountain Avens *Dryas octopetala*, Creeping Globularia and Retuse-leaved Willow *Salix retusa* clung tenaciously to rock-faces, the latter shedding copious amounts of its fluffy seed. Once we had reached the floor of the cirque, we had an easy walk back to the minibus. Back down the valley, we had a short walk around the little village of Héas to see its ancient pack-horse bridge and historic church, before returning to the hotel for dinner.

## Day 4

## Saturday 5th October

We spent the day exploring the Ossoue valley, a deep glaciated valley, running west to east. We started with a short circular walk, along an old trail, which crosses a narrow bridge over a deep chasm. Mistletoe was growing here on Whitebeam *Sorbus aria* and, on shaded limestone boulders, we found many hairy rosettes of Ramonda. We found a Swallowtail caterpillar and the striking, red and black, Italian Shield Bug, feeding in the seed heads of umbellifers. Further on, we parked in a quarry and crossed the stream to St. Savin's Wood. Beech woodland dominates this side of the valley with a sparse understorey including ferns, Wood Spurge *Euphorbia amygdaloides*, Green Hellebore *Helleborus viridis* and Liverleaf *Hepatica nobilis*. In the open meadow, the pink flowers of *Colchicum*

*montanum* were prominent, another plant that is unique to the Pyrenees. By contrast, the other side of the valley is treeless, apart from patches of Hazel scrub, owing to the regular avalanches that fall from the high limestone cliffs. These cliffs are the favoured nesting sites for Lammergeier, Griffon Vulture and Alpine Chough.

Continuing up the valley, along a rough track, we stopped for a long lunch break, enjoying the solitude and warm sunshine. At the head of the valley, we could pick out the remnants of the Ossoue glacier, high on the slopes of Vignemale. The track ended at the Barrage d'Ossoue, where we left the vehicle. We spent the remainder of the afternoon wandering among the boulders, alongside the dam, and watching the antics of Alpine Marmot. Overhead, Griffon Vulture and a solitary Lammergeier drifted along the skyline and we watched a pair of Short-toed Snake Eagles, soaring in the thermals. Most of the domestic animals had gone, except for a few cattle. It was blissfully quiet, and we hardly saw another soul. Eventually, the shadows of the mountains began to lengthen, and we headed back to Gèdre.

## Day 5

## Sunday 6th October

On a day of high cloud and sunny periods, we parked the minibus in Gavarnie and set off along the river. We took a gently rising trail that led us to a viewpoint, where we had commanding views of the Cirque and the magnificent scenery, surrounding it. The path meandered through meadows and onward, past a waterfall, into the forest. Dense beech woodland, showing signs of coppicing, in the past, gradually gave way to Scots Pine *Pinus sylvestris*. In the leaf litter, beneath the trees, we found Lesser Wintergreen *Pyrola minor* and colonies of One-flowered Wintergreen *Moneses uniflora* and Serrated Wintergreen *Orthilia secunda*. In the trees, we had glimpses of Goldcrest, Eurasian Treecreeper and European Crested Tit and heard the high-pitched calls of Common Firecrest.

We found a peaceful spot in the Cirque, to eat our lunch, and Alpine Chough were eager to feed on our leftovers. Nearby, we found a solitary plant of Edelweiss *Leontopodium nivale* subsp. *alpinum*. In the afternoon, most of us followed an airy path, which threaded its way below the cliffs, high above the valley. Highlights of the walk included Long-leaved Butterwort *Pinguicula longifolia*, its long sticky fly-paper leaves covered in the remains of insects, and the trailing shoots of Pyrenean Yam *Dioscorea pyrenaica*. We ascended gently into dense forest of European Silver Fir *Abies alba*, where we found the fading flowers of the parasitic Yellow Bird's-nest *Hypopitys monotropa* and, after a number of overhangs and waterfalls, we emerged in a green meadow at the Auberge de Pailla, our highest point at 1800 metres. From here, we followed a zigzag path down into the valley and along the river to Gavarnie. We were back in Gèdre just after 7.00pm.

## Day 6

## Monday 7th October

We set off down the valley, stopping in Luz-Saint-Sauveur, for a coffee and to replenish lunch supplies. We drove up through the spa town of Cauterets into the steep, forested, Val de Jeret, to the car park below Pont d'Espagne. Below the waterfalls, the river flows through a narrow chasm, which is easily viewed from the two bridges. We had anticipated taking the chair lift to the top, but as this had closed at the end of September, we had no choice but to walk. As it turned out, this proved to be a better option and we spent the whole day walking a circular route to Lac de Gaube, and back. We followed a broad ski piste upwards, through the forest, seeing Black Woodpecker briefly and enjoying really good views of Crested Tit and Firecrest. Under the mature

Scots Pine and Silver Fir, there were carpets of Alpenrose *Rhododendron ferrugineum* and splashes of the fiery red, autumn foliage, of Bilberry *Vaccinium myrtillus*.

At the top of the piste, we followed a level track to Lac de Gaube and settled down near the water's edge, for our picnic. We had a splendid view across the placid waters of the natural lake, to the head of the valley and the glacier-clad Vignemale, which rises to 3298 metres, the highest point of the French Pyrenees. Around us were large drifts of *Crocus nudiflorus* and areas of churned-up turf were clear evidence of the Wild Boar, that have, only recently, started to be a problem in the region.

We returned to the main valley by a different route, largely through the trees, and over ice-smoothed mounds of the underlying granite bedrock. From the bottom of the chair-lift, we made a short walk in the Marcadeau Valley, before returning to the vehicles. We found Herb Paris in fruit, among boulders, and the endemic Greater Cuckooflower *Cardamine raphanifolia*, alongside bubbling springs in the valley floor. After a careful search, we found patches of Round-leaved Sundew *Drosera rotundifolia*, in the damp turf. On our return journey, we stopped to see the attractive Church of Saint-André, in Soulom.

## Day 7

Tuesday 8th October

We had perfect weather for our last full day and made the most of it. Above Gavarnie, we took the road past the ski slopes, to the Col de Tentès. From here it was a mere 800 metres of gentle walking to the Col de Boucharo, on the border with Spain. Water Pipit, Northern Wheatear and Alpine Chough were regular companions, on the walk, and Griffon Vultures and two Lammergeiers drifted overhead. The route follows the base of a low line of friable cliffs, made up of purplish-grey shales, laid down towards the end of the Paleozoic. There were still a few late flowers on the silvery-leaved Pyrenean Thistle *Carduus carlinoides*, Pygmy Hawk's-beard, *Crepis pygmaea* and the primrose relative *Vitaliana primuliflora* subsp. *canescens*.

We had seen many Clouded Yellow butterflies making their way, purposefully, towards the border, against the breeze. The Col de Boucharo is a well-known hot-spot for bird and insect migration, and we met a group of researchers from the University of Exeter, who were studying this interesting phenomenon. Some of us walked a little way along the track towards the Brèche de Roland, finding the endemic Ashy Crane's-bill *Geranium cinereum* and a few flowers of Pink Sandwort *Arenaria purpurascens* on the Cretaceous limestone.

Back at the car-park, we had lunch by the minibus, for convenience, and then decided that a hot cup of coffee would be welcome. We retreated to Gavarnie for a while and then spent an interesting hour, or so, back in the Ossoue valley, looking at the cliff flora, and, in particular, the huge silver rosettes of Pyrenean Saxifrage.

## Day 8

Wednesday 9th October

Our flight was not until late afternoon, so, after packing, we had plenty of time for one last excursion. Although the cloud hung low on the mountains, we drove up to the Plateau de Saugé, across the valley, and set off on a gentle walk. A patchwork of meadows and pasture covers the gentle slopes with a scattering of traditional hay-barns, each with their characteristic crow-step gables. A large herd of cattle appeared out of the mist, with a proud farmer keeping a watchful eye. The cloud slowly lifted to give us a last look at Gavarnie. As the week had progressed, the trees had imperceptibly changed to a tapestry of autumn colours. We followed a circular route

back towards the minibus, and were almost there, when a bright yellow Citril Finch posed right in front of us. The bird had eluded us during the week, and it was great to end on a high note.

We returned to the hotel for a bite of lunch and final packing. We had enjoyed an amazing week in these magnificent mountains, in no small way due to the enthusiasm and camaraderie of the group and greatly enhanced by the comfort of the hotel and the hospitality of our hosts. After thanking Odile and Phillippe we set off for our return journey.

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## Species Lists

Plants (• = endemic to the Pyrenees and adjacent regions; ‡ = cultivated or naturalised)

Latin name	Common name	Notes
<b>PTERIDOPHYTES</b>	<b>FERNS AND FERN ALLIES</b>	
<b>Aspleniaceae</b>	<b>Spleenwort Family</b>	
<i>Asplenium ceterach</i>	Rustyback	Occasional on rocks
<i>Asplenium fontanum</i>	Smooth Spleenwort	Pont Napoleon
<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 mountain rocks
<b>Athyriaceae</b>	<b>Lady-fern Family</b>	
<i>Athyrium distentifolium</i>	Alpine Lady-fern	Mountain rocks
<i>Athyrium felix-femina</i>	Lady-fern	Common
<b>Blechnaceae</b>	<b>Hard Fern Family</b>	
<i>Blechnum spicant</i>	Hard-fern	Acidic soils
<b>Cystopteridaceae</b>	<b>Bladder-fern Family</b>	
<i>Cystopteris fragilis</i>	Brittle Bladder-fern	Rocks and walls
<i>Gymnocarpium dryopteris</i>	Oak Fern	Common in shade
<i>Gymnocarpium robertianum</i>	Limestone Fern	Limestone scree
<b>Dennstaedtiaceae</b>	<b>Bracken Family</b>	
<i>Pteridium aquilinum</i>	Bracken	Widespread
<b>Dryopteridaceae</b>	<b>Buckler-fern Family</b>	
<i>Dryopteris affinis</i>	Scaly Male-fern	Woods
<i>Dryopteris dilatata</i>	Broad Buckler-fern	Forest. Pont d'Espagne
<i>Dryopteris filix-mas</i>	Male-fern	Forest and shady places
<i>Dryopteris oreades</i>	Mountain Male-fern	Acidic scree
<i>Polystichum aculeatum</i>	Hard Shield-fern	Common. Woods
<i>Polystichum lonchitis</i>	Holly-fern	Limestone rocks
<b>Equisetaceae</b>	<b>Horsetail Family</b>	
<i>Equisetum hyemale</i>	Rough Horsetail	Occasional. Wet places
<i>Equisetum palustre</i>	Marsh Horsetail	Wet acidic pasture
<b>Lycopodiaceae</b>	<b>Clubmoss Family</b>	
<i>Huperzia selago</i>	Fir Clubmoss	Acidic mountain pasture
<b>Polypodiaceae</b>	<b>Polypody Family</b>	
<i>Polypodium cambricum</i>	Southern Polypody	Rocks. Pont Napoleon
<i>Polypodium vulgare</i>	Common Polypody	Occasional. Rocks
<b>Pteridaceae</b>	<b>Maidenhair Fern Family</b>	
<i>Cryptogramma crispa</i>	Parsley Fern	Acidic boulder scree
<b>Selaginellaceae</b>	<b>Lesser Clubmoss Family</b>	
<i>Selaginella selaginoides</i>	Lesser Clubmoss	Damp turf. Troumouse



Latin name	Common name	Notes
<b>Thelypteridaceae</b> <i>Phegopteris connectilis</i>	<b>Marsh Fern Family</b> Beech Fern	Frequent in shade
<b>GYMNOSPERMS</b>	<b>CONIFERS</b>	
<b>Cupressaceae</b> <i>Juniperus communis</i> var. <i>saxatilis</i> <i>Juniperus communis</i> var. <i>communis</i>	<b>Cypress Family</b> Juniper Juniper	Mountains Mountains
<b>Pinaceae</b> <i>Abies alba</i> <i>Picea abies</i> † <i>Pinus sylvestris</i> <i>Pinus uncinata</i>	<b>Pine Family</b> European Silver-fir Norway Spruce Scots Pine Mountain Pine	Mountain forests Planted Montane forests Subalpine slopes
<b>Taxaceae</b> <i>Taxus baccata</i>	<b>Yew Family</b> Yew	St. Savin's Wood
<b>ANGIOSPERMS</b>	<b>FLOWERING PLANTS</b>	
<b>DICOTYLEDONS</b>		
<b>Amaranthaceae</b> <i>Blitum bonus-henricus</i>	<b>Goosefoot Family</b> Good-King-Henry	Disturbed places
<b>Apiaceae</b> <i>Angelica sylvestris</i> <i>Astrantia major</i> <i>Bupleurum angulosum</i> • <i>Conopodium pyrenaicum</i> • <i>Daucus carota</i> <i>Eryngium bourgatii</i> <i>Heracleum sphondylium</i> subsp. <i>pyrenaicum</i> • <i>Laserpitium gallicum</i> <i>Laserpitium latifolium</i> <i>Laserpitium siler</i> <i>Pimpinella saxifraga</i> <i>Seseli libanotis</i> <i>Seseli nanum</i> •	<b>Carrot Family</b> Wild Angelica Astrantia Angular Hare's-ear Pyrenean Pignut Wild Carrot Pyrenean Eryngo Pyrenean Hogweed French Sermountain Broad-leaved Sermountain Narrow-leaved Sermountain Burnet-saxifrage Moon Carrot Pyrenean Seseli	Occasional. Wet places Frequent Occasional. Limestone rocks Meadow Roadsides Common Frequent Screes Screes Screes and meadows Stony places on limestone Rocky banks Rock crevices and screes
<b>Apocynaceae</b> <i>Vinca minor</i> † <i>Vincetoxicum hirundinaria</i>	<b>Dogbane Family</b> Lesser Periwinkle Swallow-wort	Shaded banks Rocky pasture
<b>Aquifoliaceae</b> <i>Ilex aquifolium</i>	<b>Holly Family</b> Holly	Occasional in forest
<b>Araliaceae</b> <i>Hedera helix</i>	<b>Ivy Family</b> Ivy	Common
<b>Asteraceae</b> <i>Achillea millefolium</i>	<b>Daisy Family</b> Yarrow	Common in meadows

Latin name	Common name	Notes
<i>Antennaria dioica</i>	Mountain Everlasting	Mountain turf
<i>Arctium minus</i>	Lesser Burdock	Roadsides
<i>Bellis perennis</i>	Daisy	Widespread
<i>Carduus carlinoides</i> •	Pyrenean Thistle	Mountains and screes
<i>Carduus defloratus</i>	Alpine Thistle	Pasture and screes
<i>Carlina acaulis</i>	Stemless Carlina Thistle	Mountain turf
<i>Carlina acanthifolia</i> subsp. <i>cynara</i>	Acanthus-leaved Thistle	Pasture
<i>Carlina vulgaris</i>	Common Carlina Thistle	Mountain turf
<i>Centaurea montana</i>	Mountain Cornflower	Occasional in meadows
<i>Centaurea nigra</i>	Knapweed	Meadows and roadsides
<i>Cicerbita alpina</i>	Alpine Blue-sowthistle	Forests and screes
<i>Cirsium eriophorum</i>	Woolly Thistle	Grazed turf and waste places
<i>Cirsium palustre</i>	Marsh Thistle	Wet streamsides
<i>Crepis pygmaea</i>	Pygmy Hawk's-beard	Mountain rocks and screes
<i>Eupatorium cannabinum</i>	Hemp-agrimony	Roadsides
<i>Hieracium lactucella</i>	A Hawkweed	Acidic rocks and mountain turf
<i>Hieracium pilosella</i>	Mouse-ear Hawkweed	Rocks and screes
<i>Homogyne alpina</i>	Alpine Colt's-foot	Mountain turf
<i>Lapsana communis</i>	Nipplewort	Weedy places
<i>Leontodon pyrenaicus</i>	Pyrenean Hawkbit	Acidic pasture
<i>Leontopodium nivale</i> subsp. <i>alpinum</i>	Edelweiss	Local. Limestone rocks
<i>Leucanthemum vulgare</i>	Ox-eye Daisy	Meadows
<i>Leucanthemopsis alpina</i>	Alpine Moon-daisy	Mountain rocks
<i>Mycelis muralis</i>	Wall Lettuce	Walls and waste places
<i>Omalotheca norvegicum</i>	Norwegian Cudweed	Mountain turf
<i>Omalotheca supinum</i>	Dwarf Cudweed	Mountain turf
<i>Petasites paradoxus</i>	Alpine Butterbur	Streamsides
<i>Prenanthes purpurea</i>	Purple Lettuce	Woods and forests
<i>Senecio vulgaris</i>	Common Groundsel	Occasional. Waste places
<i>Solidago virgaurea</i>	Goldenrod	Pont d'Espagne
<i>Sonchus arvensis</i>	Perennial Sow-thistle	Waste places
<i>Taraxacum alpinum</i>	Alpine Dandelion	Mountains
<i>Taraxacum dissectum</i>	Cut-leaved Dandelion	Mountains
<i>Tragopogon pratensis</i>	Goat's-beard	Meadows and roadsides
<i>Tussilago farfara</i>	Colt's-foot	Streamsides
<b>Berberidaceae</b>	<b>Barberry Family</b>	
<i>Berberis vulgaris</i>	Common Barberry	Rocky hillsides
<b>Betulaceae</b>	<b>Birch Family</b>	
<i>Alnus glutinosa</i>	Common Alder	Riversides
<i>Betula pendula</i>	Silver Birch	Forests
<b>Boraginaceae</b>	<b>Borage Family</b>	
<i>Echium vulgare</i>	Viper's Bugloss	Roadsides
<i>Pulmonaria affinis</i>	A Lungwort	Common in woods
<b>Brassicaceae</b>	<b>Cabbage Family</b>	
<i>Barbarea vulgaris</i>	Common Winter-cress	Damp roadsides
<i>Cardamine raphanifolia</i> •	Greater Cuckooflower	Streamsides
<i>Cardamine resedifolia</i>	Reseda-leaved Bitter-cress	Mountain turf and rocks
<i>Draba aizoides</i>	Yellow Whitlowgrass	Mountain rocks. Cirque de Troumouse
<i>Hornungia alpina</i>	Chamois Cress	Alpine rocks and scree

Latin name	Common name	Notes
<i>Kernera saxatilis</i>	Kernera	Limestone rocks
<i>Rhynchosinapsis cheiranthos</i>	Wallflower Cabbage	Lac des Gloriettes
<i>Sisymbrium austriacum</i>	Pyrenean Rocket	Waste places
<b>Buxaceae</b>	<b>Box Family</b>	
<i>Buxus sempervirens</i>	Box	Locally common at lower altitudes
<b>Callitrichaceae</b>	<b>Water-starwort Family</b>	
<i>Callitriche stagnalis</i>	Common Water-starwort	Shallow pools. Troumouse
<b>Campanulaceae</b>	<b>Bellflower Family</b>	
<i>Campanula rotundifolia</i>	Harebell	Mountain rocks
<i>Campanula scheuchzeri</i>	Scheuchzer's Bellflower	Mountain rocks and turf
<i>Campanula trachelium</i>	Nettle-leaved Bellflower	Shady banks
<i>Phyteuma orbiculare</i>	Round-headed Rampion	Meadows and rocks
<b>Caprifoliaceae</b>	<b>Honeysuckle Family</b>	
<i>Lonicera pyrenaica</i>	Pyrenean Honeysuckle	Rocky habitats
<i>Lonicera xylosteum</i>	Fly Honeysuckle	Woods
<b>Caryophyllaceae</b>	<b>Pink Family</b>	
<i>Arenaria grandiflora</i>	Large-flowered Sandwort	Mountain rocks
<i>Arenaria purpurascens</i> •	Pink Sandwort	Alpine rocks. Col de Boucharo
<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 deltooides</i>	Maiden Pink	Occasional. Dry places
<i>Dianthus monspessulanus</i>	Fringed Pink	Rocks. Héas Valley
<i>Gypsophila repens</i>	Alpine Gypsophila	Screes and rocky turf
<i>Minuartia recurva</i>	Sickle-leaved Sandwort	Screes. Col de Tentes
<i>Moehringia trinervia</i>	Three-nerved Sandwort	Shady places
<i>Paronychia kapela</i> subsp. <i>serpyllifolia</i>	Thyme-leaved Nailwort	Limestone rocks and turf
<i>Paronychia polygonifolia</i>	Polygonum-leaved Nailwort	Silicious rocks
<i>Sabulina verna</i>	Vernal Sandwort	Rocky places
<i>Saponaria caespitosa</i> •	Tufted Soapwort	Rare. Limestone rocks
<i>Silene acaulis</i>	Moss Campion	Alpine turf
<i>Silene dioica</i>	Red Campion	Common
<i>Silene nutans</i>	Nottingham Catchfly	Locally common
<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
<b>Cistaceae</b>	<b>Rockrose Family</b>	
<i>Helianthemum canum</i>	Hoary Rockrose	Screes
<i>Helianthemum nummularium</i> subsp. <i>grandiflorum</i>	Common Rockrose	Common. Rocky places
<i>Helianthemum nummularium</i> subsp. <i>pyrenaicum</i> •	Pyrenean Rockrose	Occasional. Rocky places
<i>Helianthemum oelandicum</i> subsp. <i>alpestre</i>	Alpine Rockrose	Limestone rocks
<b>Convolvulaceae</b>	<b>Bindweed Family</b>	
<i>Cuscuta epithymum</i>	Common Dodder	Common
<i>Cuscuta europaea</i>	Greater Dodder	Occasional on <i>Urtica dioica</i>

Latin name	Common name	Notes
<b>Cornaceae</b> <i>Cornus sanguinea</i>	<b>Dogwood Family</b> Common Dogwood	Open woodland
<b>Corylaceae</b> <i>Corylus avellana</i>	<b>Hazel Family</b> Hazel	Woodland
<b>Crassulaceae</b> <i>Petrosedum rupestre</i> <i>Petrosedum sediforme</i> <i>Sedum album</i> <i>Sedum anglicum</i> <i>Sedum brevifolium</i> <i>Sedum dasyphyllum</i> <i>Sedum hirsutum</i> <i>Sempervivum arachnoideum</i> <i>Sempervivum montanum</i> <i>Sempervivum tectorum</i> <i>Umbilicus rupestris</i>	<b>Stonecrop Family</b> Reflexed Stonecrop Pale Stonecrop White Stonecrop English Stonecrop Short-leaved Stonecrop Thick-leaved Stonecrop Hairy Stonecrop Cobweb Houseleek Mountain Houseleek Common Houseleek Navelwort	Rocky places Dry rocky places. Lowland Rocks and walls Walls Silicious rocks Rocks and walls. Lowland Siicious rocks Occasional. Rocks Limestone rocks Occasional. Rocks Rocks and walls
<b>Dipsacaceae</b> <i>Scabiosa cinerea</i> <i>Scabiosa columbaria</i> <i>Succisa pratensis</i>	<b>Teasel Family</b> Pyrenean Scabious Small Scabious Devil's-bit Scabious	Meadows Frequent Damp pasture
<b>Droseraceae</b> <i>Drosera rotundifolia</i>	<b>Sundew Family</b> Round-leaved Sundew	Wet turf. Val de Jeret
<b>Ericaceae</b> <i>Arctostaphylos uva-ursi</i> <i>Arctous alpina</i> <i>Calluna vulgaris</i> <i>Empetrum nigrum</i> subsp. <i>hermaphroditum</i> <i>Erica arborea</i> <i>Erica tetralix</i> <i>Hypopitys monotropa</i> <i>Moneses uniflora</i> <i>Orthilia secunda</i> <i>Pyrola minor</i> <i>Pyrola rotundifolia</i> <i>Rhododendron ferrugineum</i> <i>Vaccinium myrtillus</i> <i>Vaccinium uliginosum</i>	<b>Heather Family</b> Bearberry Alpine Bearberry Ling Hermaphrodite Crowberry Tree Heath Cross-leaved Heath Yellow Bird's-nest One-flowered Wintergreen Serrated Wintergreen Lesser Wintergreen Round-leaved Wintergreen Alpenrose Bilberry Bog Whortleberry	Locally common Uncommon on limestone Acidic turf Acidic turf Common. Low altitudes Bogs. Val de Jeret Coniferous forest. Gavarnie Local. Forest Local. Forest Local. Forest Local. Forest Acidic pasture Woods and mountains Acidic pasture
<b>Euphorbiaceae</b> <i>Euphorbia amygdaloides</i> <i>Euphorbia cyparissias</i> <i>Euphorbia helioscopia</i> <i>Euphorbia hyberna</i> <i>Mercurialis annua</i>	<b>Spurge Family</b> Wood Spurge Cypress Spurge Sun Spurge Irish Spurge Annual Mercury	Forest Occasional. Rocky places Occasional Woodland Occasional
<b>Fabaceae</b> <i>Anthyllis montana</i> <i>Anthyllis vulneraria</i> subsp. <i>pyrenaica</i> •	<b>Pea Family</b> Mountain Kidney Vetch Pyrenean Kidney Vetch	Limestone rocks Rocky places

Latin name	Common name	Notes
<i>Astragalus monspessulanus</i>	Montpellier Milk-vetch	Stony pasture
<i>Astragalus sempervirens</i>	Mountain Tragacanth	Limestone rocks. Gavarnie
<i>Hippocrepis comosa</i>	Horseshoe Vetch	Common
<i>Lathyrus montanus</i>	Bitter-vetch	Acidic soils
<i>Lathyrus pratensis</i>	Meadow Vetchling	Meadows
<i>Lathyrus sylvestris</i>	Narrow-leaved Everlasting-pea	Héas Valley
<i>Lathyrus vernus</i>	Spring Pea	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	Weedy places
<i>Ononis fruticosa</i>	Shrubby Restharrow	Occasional
<i>Ononis natrix</i>	Large Yellow Restharrow	Occasional
<i>Oxytropis campestris</i>	Yellow Milk-vetch	Stony pasture
<i>Oxytropis pyrenaica</i> •	Pyrenean Milk-vetch	Occasional. Stony pasture
<i>Trifolium alpinum</i>	Alpine Clover	Mountain pasture
<i>Trifolium pratense</i>	Red Clover	Meadows
<i>Trifolium repens</i>	White Clover	Meadows
<i>Trifolium thalii</i>	Thal's Clover	Mountain pasture
<i>Vicia pyrenaica</i> •	Pyrenean Vetch	Common
<b>Fagaceae</b>	<b>Beech Family</b>	
<i>Fagus sylvatica</i>	Beech	Woodland
<i>Quercus pyrenaica</i>	Pyrenean Oak	Common in valleys
<b>Gentianaceae</b>	<b>Gentian Family</b>	
<i>Gentiana alpina</i>	Alpine Gentian	Acidic mountain turf
<i>Gentiana cruciata</i>	Cross Gentian	Mountain turf
<i>Gentiana lutea</i>	Large Yellow Gentian	Gavarnie
<i>Gentiana verna</i>	Spring Gentian	Mountain turf
<i>Gentianella campestris</i>	Field Gentian	Mountain turf
<i>Gentianopsis ciliata</i>	Fringed Gentian	Mountain turf
<b>Geraniaceae</b>	<b>Crane's-bill Family</b>	
<i>Erodium cicutarium</i>	Common Stork's-bill	Dry rocky places
<i>Geranium cinereum</i> •	Ashy Crane's-bill	Rocky places. Mountains
<i>Geranium molle</i>	Dove's-foot Crane's-bill	Occasional
<i>Geranium phaeum</i>	Dusky Crane's-bill	Shady places
<i>Geranium pyrenaicum</i>	Pyrenean Crane's-bill	Common
<i>Geranium robertianum</i>	Herb Robert	Rocky places
<i>Geranium sanguineum</i>	Bloody Crane's-bill	Rocks and scree. Héas valley
<i>Geranium sylvaticum</i>	Wood Crane's-bill	Meadows
<b>Gesneriaceae</b>	<b>Gloxinia Family</b>	
<i>Ramonda myconi</i> •	Ramonda	Shady cliffs and boulders
<b>Globulariaceae</b>	<b>Globularia Family</b>	
<i>Globularia nudicaulis</i>	Leafless-stemmed Globularia	Frequent
<i>Globularia repens</i>	Creeping Globularia	Limestone fissures
<b>Hypericaceae</b>	<b>St John's-wort Family</b>	
<i>Hypericum montanum</i>	Pale St John's-wort	Occasional
<i>Hypericum nummularium</i>	Western St John's-wort	Damp rocks

Latin name	Common name	Notes
<i>Hypericum perforatum</i>	Perforate St John's-wort	Occasional
<b>Juglandaceae</b>	<b>Walnut Family</b>	
<i>Juglans regia</i> ‡	Walnut	Cultivated
<b>Lamiaceae</b>	<b>Dead-nettle Family</b>	
<i>Ajuga reptans</i>	Common Bugle	Widespread
<i>Clinopodium acinos</i>	Basil Thyme	Occasional
<i>Clinopodium alpinum</i>	Alpine Basil Thyme	Rocks and screes
<i>Clinopodium vulgare</i>	Wild Basil	Frequent
<i>Galeopsis pyrenaica</i> •	Pyrenean Hemp-nettle	Mountain screes
<i>Galeopsis tetrahit</i>	Common Hemp-nettle	Waste places
<i>Horminum pyrenaicum</i>	Dragon-mouth	Occasional. Damp turf
<i>Lamiastrum galeobdolon</i>	Yellow Archangel	Woods
<i>Lamium maculatum</i>	Spotted Dead-nettle	Roadsides
<i>Lamium purpureum</i>	Red Dead-nettle	Occasional
<i>Mentha aquatica</i>	Water Mint	Wet places
<i>Mentha longifolia</i>	Horse Mint	Damp places
<i>Prunella vulgaris</i>	Self-heal	Common
<i>Satureja montana</i>	Winter Savory	Dry banks and scree
<i>Scutellaria alpina</i>	Alpine Skullcap	Rocky mountain turf
<i>Sideritis hyssopifolia</i>	Sideritis	Scree. Ossoue Valley
<i>Stachys recta</i>	Yellow Woundwort	Roadsides
<i>Stachys sylvatica</i>	Hedge Woundwort	Shady places
<i>Teucrium chamaedrys</i>	Wall Germander	Occasional
<i>Teucrium pyrenaicum</i> •	Pyrenean Germander	Rocks and scree
<i>Teucrium scorodonia</i>	Wood Sage	Woods
<i>Thymus praecox</i> subsp. <i>polytrichus</i>	Wild Thyme	Dry places
<i>Thymus pulegioides</i>	Large Thyme	Occasional. Sunny, dry places
<b>Lentibulariaceae</b>	<b>Butterwort Family</b>	
<i>Pinguicula grandiflora</i>	Large-flowered Butterwort	Wet flushes on limestone
<i>Pinguicula longifolia</i>	Long-leaved Butterwort	Wet limestone cliffs. Gavarnie
<b>Malvaceae</b>	<b>Mallow Family</b>	
<i>Malva neglecta</i>	Dwarf Mallow	Waste places
<i>Malva sylvestris</i>	Common Mallow	Waste places
<b>Oleaceae</b>	<b>Ash Family</b>	
<i>Fraxinus excelsior</i>	Ash	Woods
<b>Onagraceae</b>	<b>Willowherb Family</b>	
<i>Epilobium anagallidifolium</i>	Alpine Willowherb	Wet mountain flushes
<i>Epilobium angustifolium</i>	Rosebay Willowherb	Occasional
<i>Epilobium montanum</i>	Broad-leaved Willowherb	Widespread
<b>Orobanchaceae</b>	<b>Broomrape Family</b>	
<i>Melampyrum pratense</i>	Common Cow-wheat	Acidic turf
<i>Pedicularis sylvatica</i>	Lousewort	Val de Jeret
<i>Rhinanthus minor</i>	Yellow-rattle	Meadows
<b>Oxalidaceae</b>	<b>Wood-sorrel Family</b>	
<i>Oxalis acetosella</i>	Wood-sorrel	Woods and shaded rocks

Latin name	Common name	Notes
<b>Papaveraceae</b>	<b>Poppy Family</b>	
<i>Chelidonium majus</i>	Greater Celandine	Frequent near habitation
<i>Fumaria vaillantii</i>	Pale Fumitory	Occasional
<i>Papaver rhoeas</i>	Common Poppy	Lowland
<b>Parnassiaceae</b>	<b>Grass-of-Parnassus Family</b>	
<i>Parnassia palustris</i>	Grass-of-Parnassus	Frequent. Wet rocks and turf
<b>Plantaginaceae</b>	<b>Plantain Family</b>	
<i>Plantago alpina</i>	Alpine Plantain	Mountain turf
<i>Plantago lanceolata</i>	Ribwort Plantain	Widespread
<i>Plantago major</i>	Greater Plantain	Ruderal
<b>Platanaceae</b>	<b>Plane Family</b>	
<i>Platanus x hispanica</i> †	London Plane	Planted
<b>Polygalaceae</b>	<b>Milkwort Family</b>	
<i>Polygala vulgaris</i>	Common Milkwort	Acidic pasture
<b>Polygonaceae</b>	<b>Dock Family</b>	
<i>Bistorta vivipara</i>	Mountain Bistort	Common. Mountain turf
<i>Rumex scutatus</i>	French Sorrel	Rocks and screes
<b>Primulaceae</b>	<b>Primrose Family</b>	
<i>Androsace villosa</i>	Hairy Rock-jasmine	Limestone rocks and turf
<i>Primula farinosa</i>	Bird's-eye Primrose	Wet mountain turf
<i>Primula hirsuta</i>	Hairy Primrose	Damp acidic cliffs
<i>Primula integrifolia</i>	Entire-leaved Primrose	Wet acidic turf
<i>Soldanella alpina</i>	Alpine Snowbell	Alpine turf
<i>Vitaliana primuliflora</i> subsp. <i>canescens</i>	Vitaliana	Mountain rocks and turf
<b>Ranunculaceae</b>	<b>Buttercup Family</b>	
<i>Aconitum anthora</i>	Yellow Monk's-hood	Rocky limestone pasture
<i>Aconitum napellus</i>	Common Monk's-hood	Common. Mountain pasture
<i>Aconitum lycotonum</i> subsp. <i>vulparia</i>	Wolf's-bane	Woods
<i>Actaea spicata</i>	Baneberry	Woods
<i>Anemone narcissiflora</i>	Narcissus-flowered Anemone	Ossoue Valley
<i>Aquilegia pyrenaica</i> •	Pyrenean Columbine	Screes. Gavarnie
<i>Aquilegia vulgaris</i>	Common Columbine	Common
<i>Caltha palustris</i>	Marsh Marigold	Bogs and streamsides
<i>Clematis vitalba</i>	Old Man's Beard	Woods on limestone
<i>Helleborus foetidus</i>	Stinking Hellebore	Woods
<i>Helleborus viridis</i>	Green Hellebore	Woods and pasture
<i>Hepatica nobilis</i>	Liverleaf	Woods and alpine turf
<i>Pulsatilla alpina</i> subsp. <i>alpina</i>	Alpine Pasqueflower	Local. Mountain pasture
<i>Ranunculus alpestris</i>	Alpine Buttercup	Alpine rocks. Port de Boucharo
<i>Ranunculus montanus</i>	Mountain Buttercup	Mountain turf. Frequent
<i>Ranunculus parnassifolius</i>	Parnassus-leaved Buttercup	Alpine rocks. Port de Boucharo
<i>Ranunculus thora</i>	Thore's Buttercup	Limestone scree. Gavarnie
<i>Thalictrum alpinum</i>	Alpine Meadow-rue	Alpine turf. Cirque de Troumouse
<i>Thalictrum aquilegifolium</i>	Great Meadow-rue	Damp mountain turf



Latin name	Common name	Notes
<i>Thalictrum minus</i>	Lesser Meadow-rue	Occasional
<b>Resedaceae</b>	<b>Mignonette Family</b>	
<i>Reseda glauca</i> •	Pyrenean Mignonette	Screens
<b>Rhamnaceae</b>	<b>Buckthorn Family</b>	
<i>Rhamnus alpinus</i>	Alpine Buckthorn	Rocky places. Ossoue
<i>Rhamnus pumilus</i>	Dwarf Buckthorn	Frequent. Limestone rocks
<b>Rosaceae</b>	<b>Rose Family</b>	
<i>Alchemilla alpina</i>	Alpine Lady's-mantle	Acidic rocks and turf. Widespread
<i>Amelanchier ovalis</i>	Snowy Mespilus	Local. Lac des Gloriettes
<i>Cotoneaster integerrimus</i>	Wild Cotoneaster	Rocky places
<i>Crataegus monogyna</i>	Hawthorn	Woods
<i>Dasiphora fruticosa</i>	Shrubby Cinquefoil	Rare. Gavarnie
<i>Dryas octopetala</i>	Mountain Avens	Local. Mountains
<i>Fragaria vesca</i>	Wild Strawberry	Common
<i>Geum pyrenaicum</i> •	Pyrenean Avens	Mountain pasture
<i>Potentilla alchemilloides</i>	Alchemilla-leaved Cinquefoil	Limestone cliffs
<i>Potentilla erecta</i>	Tormentil	Common
<i>Potentilla crantzii</i>	Alpine Cinquefoil	Mountain pasture
<i>Potentilla montana</i>	Mountain Cinquefoil	Frequent. Rocky places
<i>Potentilla rupestris</i>	Rock Cinquefoil	Local. Rocky places
<i>Potentilla sterilis</i>	Barren Strawberry	Common
<i>Poterium sanguisorba</i>	Salad Burnet	Common
<i>Prunus avium</i>	Wild Cherry	Frequent in woods
<i>Prunus spinosa</i>	Blackthorn	Occasional. Scrub
<i>Rubus idaeus</i>	Raspberry	Common
<i>Rubus saxatilis</i>	Stone Bramble	Frequent
<i>Rubus ulmifolius</i>	A Bramble	Common in lowlands
<i>Rosa arvensis</i>	Field Rose	Widespread
<i>Rosa canina</i>	Dog-rose	Widespread
<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>Sorbus aria</i>	Whitebeam	Open woods
<i>Sorbus aucuparia</i>	Rowan	Mountains
<i>Sorbus chamaemespilus</i>	False-medlar	Occasional. Rocky slopes
<i>Sorbus mougeotii</i>	Mougeot's Whitebeam	Frequent. Ossoue Valley
<b>Rubiaceae</b>	<b>Bedstraw Family</b>	
<i>Asperula cynanchica</i>	Squinancywort	Rocks and dry pasture
<i>Asperula pyrenaica</i> •	Pyrenean Woodruff	Rocky places
<i>Galium caespitosum</i> •	A Bedstraw	Mountain rocks
<i>Galium odoratum</i>	Woodruff	Woods
<i>Galium pyrenaicum</i> •	Pyrenean Bedstraw	Alpine rocks
<i>Galium saxatile</i>	Heath Bedstraw	Mountain turf
<i>Galium verum</i>	Lady's Bedstraw	Meadows
<b>Salicaceae</b>	<b>Willow Family</b>	
<i>Salix aurita</i>	Eared Sallow	Widespread
<i>Salix caprea</i>	Goat Willow	Occasional

Latin name	Common name	Notes
<i>Salix elaeagnos</i>	Hoary Willow	Streamsides
<i>Salix herbacea</i>	Least Willow	Alpine turf. Cirque de Troumouse
<i>Salix pyrenaica</i> •	Pyrenean Willow	Mountain rocks
<i>Salix retusa</i>	Retuse-leaved Willow	Alpine rocks and turf
<i>Salix viminalis</i>	Common Osier	Widespread in lowlands
<b>Santalaceae</b>	<b>Bastard-toadflax Family</b>	
<i>Viscum album</i>	Mistletoe	Common
<b>Sapindaceae</b>	<b>Maple Family</b>	
<i>Acer campestre</i>	Field Maple	Common
<i>Acer pseudoplatanus</i>	Sycamore	Common
<b>Saxifragaceae</b>	<b>Saxifrage Family</b>	
<i>Chrysosplenium oppositifolium</i>	Opposite-leaved Golden Saxifrage	Wet acidic flushes
<i>Micranthes stellaris</i> subsp. <i>robusta</i>	Starry Saxifrage	Wet acidic flushes
<i>Saxifraga aizoides</i>	Yellow Mountain Saxifrage	Wet flushes
<i>Saxifraga aquatica</i> •	Water Saxifrage	Plateau de Saugé
<i>Saxifraga aretioides</i> •	Yellow Saxifrage	Rare. Limestone rocks
<i>Saxifraga exarata</i> subsp. <i>moschata</i>	Musky Saxifrage	Limestone rocks
<i>Saxifraga intricata</i> •	Scented-leaved Saxifrage	Acidic rocks
<i>Saxifraga longifolia</i> subsp. <i>longifolia</i>	Pyrenean Saxifrage	Cliffs and boulders
<i>Saxifraga oppositifolia</i>	Purple Saxifrage	Alpine rocks
<i>Saxifraga paniculata</i>	Livelong Saxifrage	Common on rocks
<i>Saxifraga umbrosa</i> •	Wood Saxifrage	Woods
<b>Scrophulariaceae</b>	<b>Figwort Family</b>	
<i>Buddleja davidii</i> ‡	Butterfly-bush	Waste places at lower altitudes
<i>Scrophularia canina</i> subsp. <i>hoppii</i>	French Figwort	Frequent
<i>Scrophularia pyrenaica</i> •	Pyrenean Figwort	Occasional
<i>Verbascum nigrum</i>	Dark Mullein	Occasional.
<i>Verbascum phlomoides</i>	Orange Mullein	Roadsides
<b>Solanaceae</b>	<b>Nightshade Family</b>	
<i>Atropa belladonna</i>	Deadly Nightshade	Local. Gèdre
<i>Solanum dulcamara</i>	Bittersweet	Damp woods
<i>Solanum nigrum</i>	Black Nightshade	Waste places
<b>Thymelaeaceae</b>	<b>Mezereon Family</b>	
<i>Daphne cneorum</i>	Garland Flower	Local. Mountain turf
<i>Daphne laureola</i>	Spurge Laurel	Frequent. Woods and rocks
<i>Daphne mezereum</i>	Mezereon	Forest and open pasture
<i>Thymelaea dioica</i>	Dioecious Thymelaea	Rocks and screes. Ossoue Valley
<i>Thymelaea tinctoria</i> •	Snow Thymelaea	Rocky alluvium. Upper Ossoue Valley
<b>Tiliaceae</b>	<b>Lime Family</b>	
<i>Tilia cordata</i>	Small-leaved Lime	Common
<i>Tilia platyphyllos</i>	Large-leaved Lime	Widely planted
<b>Ulmaceae</b>	<b>Elm Family</b>	
<i>Ulmus glabra</i>	Wych Elm	Gèdre and Gavarnie
<i>Ulmus minor</i>	Smooth Elm	Occasional

Latin name	Common name	Notes
<b>Urticaceae</b>	<b>Nettle Family</b>	
<i>Parietaria judaica</i>	Pellitory-of-the-wall	Walls
<i>Urtica dioica</i>	Common Nettle	Disturbed areas
<b>Valerianaceae</b>	<b>Valerian Family</b>	
<i>Centranthus ruber</i> ‡	Red Valerian	Walls
<i>Valeriana pyrenaica</i> •	Pyrenean Valerian	Damp woodland
<i>Valeriana tripteris</i>	Three-leaved Valerian	Common. Woods and scrub
<b>Verbenaceae</b>	<b>Vervain Family</b>	
<i>Verbena officinalis</i>	Vervain	Tracksides. Ossoue valley
<b>Veronicaceae</b>	<b>Speedwell Family</b>	
<i>Antirrhinum sempervirens</i> •	Rock Snapdragon	Rocks
<i>Chaenorhinum origanifolium</i> •	Creeping Snapdragon	Scree
<i>Cymbalaria muralis</i>	Ivy-leaved Toadflax	Rocks and walls
<i>Erinus alpinus</i>	Fairy Foxglove	Common. Rocks and scree
<i>Linaria alpina</i>	Alpine Toadflax	Alpine rocks
<i>Veronica chamaedrys</i>	Germander Speedwell	Meadows
<i>Veronica fruticans</i>	Rock Speedwell	Mountain rocks
<i>Veronica officinalis</i>	Heath Speedwell	Occasional. Dry places
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	Woods and pasture
<b>Viburnaceae</b>	<b>Viburnum Family</b>	
<i>Sambucus racemosa</i>	Alpine Elder	Mountains
<b>Violaceae</b>	<b>Violet Family</b>	
<i>Viola biflora</i>	Yellow Wood-violet	Frequent. Shady places
<i>Viola palustris</i>	Marsh Violet	Bogs
<i>Viola riviniana</i>	Common Dog-violet	Frequent. Grassy places
<b>MONOCOTYLEDONS</b>		
<b>Amaryllidaceae</b>	<b>Daffodil Family</b>	
<i>Allium senescens</i>	Mountain Onion	Rocky places
<i>Allium sphaerocephalon</i>	Round-headed Leek	Frequent
<i>Allium victorialis</i>	Alpine Leek	Pont d'Espagne
<b>Asparagaceae</b>	<b>Asparagus Family</b>	
<i>Polygonatum verticillatum</i>	Whorled Solomon's-seal	Occasional in woods
<b>Asphodelaceae</b>	<b>Asphodel Family</b>	
<i>Asphodelus albus</i>	White Asphodel	Mountain pasture
<b>Colchicaceae</b>	<b>Meadow Saffron Family</b>	
<i>Colchicum montanum</i> •	Merendera	Mountain pasture
<b>Cyperaceae</b>	<b>Sedge Family</b>	
<i>Carex curvula</i>	An alpine Sedge	Exposed acidic soils. Troumouse
<i>Carex ferruginea</i>	Rusty Sedge	Limestone turf. Ossoue
<i>Carex nigra</i>	Common Sedge	Acidic mountain turf
<i>Carex panicea</i>	Carnation Sedge	Damp soils on limestone
<i>Carex sempervirens</i>	Evergreen Sedge	Mountain rocks

Latin name	Common name	Notes
<i>Carex sylvatica</i>	Wood Sedge	Woods
<i>Eriophorum angustifolium</i>	Common Cottongrass	Acid bogs
<b>Dioscoreaceae</b>	<b>Yam Family</b>	
<i>Dioscorea pyrenaica</i> •	Pyrenean Yam	Screes. Gavarnie
<b>Iridaceae</b>	<b>Iris Family</b>	
<i>Crocus nudiflorus</i> •	Leafless Crocus	Meadows. Locally common
<i>Iris latifolia</i> •	Pyrenean Iris	Common
<b>Juncaceae</b>	<b>Rush Family</b>	
<i>Luzula lutea</i>	Yellow Wood-rush	Acidic mountain turf
<i>Luzula sylvatica</i>	Great Wood-rush	Woods and meadows
<b>Liliaceae</b>	<b>Lily Family</b>	
<i>Fritillaria pyrenaica</i> •	Pyrenean Snakeshead	Damp mountain pasture
<i>Lilium martagon</i>	Martagon Lily	Woodland and meadows
<i>Lilium pyrenaicum</i> •	Pyrenean Lily	Local. Mountain woods
<b>Melanthiaceae</b>	<b>Herb-Paris Family</b>	
<i>Paris quadrifolia</i>	Herb-Paris	Woods. Local
<i>Veratrum album</i>	White False-helleborine	Occasional. Mountains
<b>Orchidaceae</b>	<b>Orchid Family</b>	
<i>Epipactis helleborine</i>	Broad-leaved Helleborine	Frequent. Woods
<i>Goodyera repens</i>	Creeping Lady's-tresses	Rare. Héas Valley
<b>Poaceae</b>	<b>Grass Family</b>	
<i>Avenella flexuosa</i>	Wavy Hair-grass	Acidic mountain turf
<i>Briza media</i>	Quaking-grass	Meadows
<i>Dactylis glomerata</i>	Cock's-foot	Common
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	Wet grassland
<i>Festuca eskia</i> •	Gispet	Dominant. Acidic high-mountain turf
<i>Festuca gautieri</i> •	Spiky Fescue	Basic mountain turf
<i>Festuca glacialis</i> •	Glacier Fescue	Rocks and snowbeds
<i>Melica uniflora</i>	Wood Melick	Woods
<i>Molinia caerulea</i>	Purple Moor-grass	Damp acidic pasture
<i>Nardus stricta</i>	Mat-grass	Acidic pasture
<i>Sesleria albicans</i>	Blue Moor-grass	Limestone rocks
<b>Tofieldiaceae</b>	<b>Scottish Asphodel Family</b>	
<i>Tofieldia calyculata</i>	Tofield's Asphodel	Wet places in mountains
<b>Typhaceae</b>	<b>Reedmace Family</b>	
<i>Sparganium angustifolium</i>	Floating Bur-reed	Acidic pools. Cirque de Troumouse

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

	Common name	Latin name	October							
			2	3	4	5	6	7	8	9
1	Rock Dove	<i>Columba livia</i>							✓	
2	Bearded Vulture	<i>Gypaetus barbatus</i>		✓	✓	✓				2
3	Griffon Vulture	<i>Gyps fulvus</i>		15	6	10	✓	✓	✓	

	Common name	Latin name	October							
			2	3	4	5	6	7	8	9
4	Short-toed Snake Eagle	<i>Circaetus gallicus</i>				2				
5	Eurasian Sparrowhawk	<i>Accipiter nisus</i>		✓						
6	Red Kite	<i>Milvus milvus</i>							✓	
7	Common Buzzard	<i>Buteo buteo</i>		✓					✓	
8	Tawny Owl	<i>Syrix aluco</i>			H					
9	Great Spotted Woodpecker	<i>Dendrocopos major</i>			H					
10	Black Woodpecker	<i>Dryocopus martius</i>						✓		
11	European Green Woodpecker	<i>Picus viridis</i>			H		H			
12	Common Kestrel	<i>Falco tinnunculus</i>							✓	
13	Eurasian Jay	<i>Garrulus glandarius</i>		✓	✓	✓	✓	✓	✓	✓
14	Eurasian Magpie	<i>Pica pica</i>	✓							
15	Red-billed Chough	<i>Pyrrhocorax pyrrhocorax</i>							✓	
16	Alpine Chough	<i>Pyrrhocorax graculus</i>		✓	✓	✓	✓		✓	
17	Carrion Crow	<i>Corvus corone</i>				✓	✓	✓		
18	Northern Raven	<i>Corvus corax</i>			✓					
19	Coal Tit	<i>Parus ater</i>				✓	✓	✓		
20	European Crested Tit	<i>Lophophanes cristatus</i>					✓	✓		
21	Eurasian Blue Tit	<i>Cyanistes caeruleus</i>			✓	✓				
22	Great Tit	<i>Parus major</i>			✓	✓				
23	Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>	✓			✓	✓	✓	✓	
24	Long-tailed Tit	<i>Aegithalos caudatus</i>	✓							
25	Willow Warbler	<i>Phylloscopus trochilus</i>							✓	
26	Common Chiffchaff	<i>Phylloscopus collybita</i>							✓	
27	Eurasian Blackcap	<i>Sylvia atricapilla</i>							✓	
28	Common Firecrest	<i>Regulus ignicapillus</i>					H	✓		
29	Goldcrest	<i>Regulus regulus</i>					✓			
30	Eurasian Treecreeper	<i>Certhia familiaris</i>					✓			
31	Common Starling	<i>Sturnus vulgaris</i>							✓	
32	Common Blackbird	<i>Turdus merula</i>				✓	✓	✓	✓	✓
33	Mistle Thrush	<i>Turdus viscivorus</i>					H			
34	European Robin	<i>Erithacus rubecula</i>		✓			✓	✓		
35	Black Redstart	<i>Phoenicurus ochruros</i>		✓	✓	✓	✓	✓	✓	✓
36	European Stonechat	<i>Saxicola rubicola</i>			✓					
37	Northern Wheatear	<i>Oenanthe oenanthe</i>				✓				
38	White-throated Dipper	<i>Cinclus cinclus</i>		✓		✓		✓		
39	House Sparrow	<i>Passer domesticus</i>				✓	✓	✓	✓	✓
40	Dunnock	<i>Prunella modularis</i>		✓			✓	✓		
41	Grey Wagtail	<i>Motacilla cinerea</i>		✓		✓	✓	✓	✓	
42	White Wagtail	<i>Motacilla alba</i>		✓		✓			✓	
43	Water Pipit	<i>Anthus spinoletta</i>		✓	✓	✓		✓	✓	
44	Common Chaffinch	<i>Fringilla coelebs</i>		✓		✓	✓	✓	✓	✓
45	Citril Finch	<i>Carduelis citrinella</i>							✓	✓
46	Rock Bunting	<i>Emberiza cia</i>				✓				

## Mammals (E = evidence of)

1	European Mole	<i>Talpa europaea</i>				E	E	E	E	E
2	Alpine Marmot	<i>Marmota marmota</i>			✓	✓			✓	
3	Eurasian Red Squirrel	<i>Sciurus vulgaris</i>					✓			
4	Stoat	<i>Mustela erminea</i>				✓		E		
5	Pyrenean Chamois •	<i>Rupicapra pyrenaica</i>			4					
6	Wild Boar	<i>Sus scrofa</i>						E		

	Common name	Latin name	October						
			2	3	4	5	6	7	8

## Reptiles &amp; Amphibians

1	Common Wall Lizard	<i>Podarcis muralis</i>					✓			
2	Common Lizard	<i>Zootoca vivipara</i>		✓		✓			✓	
3	Common Frog	<i>Rana temporaria</i>			✓					✓

## Butterflies

1	Large White	<i>Pieris brassicae</i>		✓	✓	✓	✓		✓	
2	Clouded Yellow	<i>Colias crocea</i>			✓	✓	✓		✓	
3	Small Copper	<i>Lycaena phlaeas</i>				✓				
4	Lang's Short-tailed Blue	<i>Leptotes pirithous</i>		✓						
5	Common Blue	<i>Polyommatus icarus</i>		✓		✓	✓			
6	Brown Argus	<i>Aricia agestis</i>		✓		✓	✓			
7	Wall Brown	<i>Lasiommata megera</i>		✓	✓	✓	✓			
8	Meadow Brown	<i>Maniola jurtina</i>		✓	✓	✓	✓			
9	Silver-washed Fritillary	<i>Argynnis paphia</i>							✓	
10	Small Tortoiseshell	<i>Aglais urticae</i>							✓	
11	Red Admiral	<i>Vanessa atalanta</i>							✓	
12	Mallow Skipper	<i>Carcharodus alcaea</i>					✓			

## Moths

1	Hummingbird Hawkmoth	<i>Macroglossum stellatarum</i>		✓						
2	Silver Y	<i>Autographa gramma</i>							✓	
3	Oak Eggar	<i>Lasiocampa quercus</i>						✓	✓	
4	Box Tree Moth	<i>Cydalima perspectalis</i>							✓	

## Other Invertebrates

1	Italian Shield Bug	<i>Graphosoma italicum</i>				✓				
2	Fire Bug	<i>Pyrrhocoris apterus</i>		✓		✓				
3	Red-winged Grasshopper	<i>Oedipoda germanica</i>		✓		✓	✓			
4	Field Cricket	<i>Gryllus campestris</i>				✓				
5	Wood Ant	<i>Formica rufa</i>			✓		✓	✓		