

The French Pyrenees

Butterfly Special

Naturetrek Tour Report

1 - 8 July 2006



Images and report compiled by Mark Galliot



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Day 1

Saturday 1st July

Hot, humid

The flight from Stansted was on time into Pau, where Mark (who actually lives in France) met the group upon leaving the baggage reclaim area. It was hot and sunny with the threat of a thunder storm in the air as we loaded up and set off on the 1½ hour drive towards the mountains and our hotel at Gèdre. Due to the flight schedule being later than usual it was decided to go directly to our destination, although we did have to make a short detour at Lourdes when the main road through the centre of the town was blocked by a fun fair!

Brief views of both Red and Black Kite were the only other things to enliven the journey, until the gradually narrowing gorge of the fast flowing Gave de Gavarnie gave us good views of Crag Martin which nest underneath the man made snow shelters here. Soon after passing the famous Pont Napoleon Bridge, just upstream of the spa town of Luz St Saveur, we reached our destination, where our amiable hosts Odile and Philippe promptly allocated us to our rooms. A certain football match kept one or two of the group on tender-hooks, before we enjoyed the first of the many good meals that we were to enjoy during the forthcoming week. Afterwards we just had time to watch the sun set behind La Brèche de Roland, high up on the Spanish border to the south, before retiring to our respective rooms.

Day 2

Sunday 2nd July

Hot, sunny

Our first full day in the field dawned clear and sunny, so we eagerly ate our breakfast for an early start up the Heas valley high up behind the village to the Barrage des Gloriettes. This holds back the Gave d'Estaube to form a substantial stretch of water, with lovely views up the valley towards the Cirque d'Estaube to the south. We started by inspecting the rocky area either side of the road beneath the dam structure which at this time of the year is a riot of colour from the many plants that grow here, many of them endemic to the Pyrenean range. After the late spring we were surprised to see that if anything some plants especially the orchids were now past their best, such is the vagaries of nature! Alpine Toadflax-*Linaria alpina*, Pyrenean Eryngium-*Eryngium bougatii*, Greater Butterfly, Fragrant, Broad-leaved Marsh, Heath Spotted, and Burnt-tip Orchids were all enjoyed, while conversely unlike other years the deep blue flowers of the endemic English Iris-*Iris latifolia* were now in all their glory. The birds were also not to be outdone with a superb Lammergeier, followed by Golden Eagle, a pair of Peregrine Falcons, and the first of the magnificent Griffon Vultures which now thankfully range far and wide in these mountains.

After eating our picnic lunch in the vicinity of the parking area, we then set off across the barrier and skirted the reservoir. The temperature was rising fast now heralding the appearance of many species of butterfly with Black-veined White, Small Tortoiseshell, Painted Lady, Heath, Spotted, Small Pearl Bordered & False Heath Fritillaries, Silver-studded, Turquoise, & Mazarine Blues, Small & Pearly Heath, Wall & Large Wall Brown and the ubiquitous Piedmont Ringlets all being particularly numerous. Other rarer species included Purple-shot & Scarce Copper, Swallowtail, Marbled Skipper, the exquisite and very rare endemic little Gavarnie Blue in small numbers, Lefèvre's & Yellow-spotted Ringlets, and the magnificent Apollo also flying here in good numbers. We also confidently determined a male Spanish Chalk-hill Blue! The French Pyrenees is supposedly outside of its normal range, but perhaps this specimen was a vagrant from further south.

After this feast of riches, it was then with great reluctance that we drove back down the winding valley road to the hotel to freshen ourselves up before dinner after a tiring but very successful first day.

Day 3

Monday 3rd July

Hot, sunny

The weather was set fine again today, so after breakfast we decided to make for the Port de Boucharo, high up right on the Spanish border. At 2270m this is the highest point that we could reach by road during our stay, and would give us access to species of plant, bird, and perhaps butterfly that we would probably not have again later in the week.

We firstly drove up the valley to Gavarnie, before taking the steep winding road up to the Ski resort area at the Vallée des Espécières, stopping en route to enjoy a family gathering of a mother Alpine Marmot with three youngsters playing around their burrow, and a pair of rather smart Red-backed Shrikes. At the ski area we stopped again to scan the surrounding area with our binoculars, having good views of Northern Wheatear and Water Pipit, and hearing the piping trills of the latter as it parachuted down to its favourite rock perch. Continuing upwards, we parked the mini-bus at the Col de Tentes to walk the final 1½ km to the Port, as the road is closed due to rock falls. The sun was quite powerful now and even at this altitude there were butterflies on the wing including Clouded Yellow, Peak White, and the Ringlets-Mountain, Bright-Eyed, Piedmont & Common Brassy, the latter living up to its name as it shimmered in the sun.

Reaching the Port itself we had extensive views over the border into Spain and the adjacent Odessa national park. On the rocks and scree here there were many colourful plants starting to flower after the snow melt, with Pygmy Hawksbeard- *Crepis pygmaea*, Snow Gentian-*Gentiana nivalis*, Ashy Crane's-bill-*Geranium cinereum*, Pyrenean Vetch-*Vicia pyrenaica*, Fairy Foxglove-*Erinus alpinus*, Rock speedwell-*Veronica fruticans* all contributing to the spectacle, while the handsome pink endemic Pyrenean Thistle-*Carduus carlinoides* was particularly noticeable. Returning to the car park we ate our picnic lunch on the alpine turf near the minibus, at the same time being observed by a large flock of noisy Alpine Choughs awaiting their chance to come in for the leftovers. After lunch it was time to descend back down the way we had come making two or three stops at likely locations which added Carline Skipper, Idas & Eros Blue to the list, the latter being a very scarce butterfly in France, while a pair of Red-billed Choughs and a lone Egyptian Vulture excited the birdwatchers.

At the bottom we then drove up a little way into the Ossoue valley to an area of flowery grassland and scrub next to a stream beneath the towering cliffs, an ideal site for us to spend the afternoon identifying the myriads of butterflies here, probably the largest concentration of species we were to see all week. These included amongst others Granville, Meadow, both Marbled & Lesser Marbled Fritillaries, Apollo, Escher's, Chalk-hill, Adonis, Common, Mother of Pearl, Long-tailed & Large Blues, and Large Grizzled, Mallow, & Oberthur's Grizzled Skippers. Where the level of the stream had dropped somewhat small puddles had formed, and here there were clouds of especially Blues and Skippers as they feverishly extracted the nutrients that had been left behind. By the time we had identified and photographed all of these it was time once again to head back down the valley after yet another wonderful day in the field.

Day 4

Tuesday 4th July

Hot, sunny

We awoke once again to a fine sunny morning with a little mist, which would burn back as the morning wore on, so after breakfast we drove up the Heas valley past the turning to the Lac des Gloriettes, and climbed all the way up past the Hôtellerie de Maillet to the parking area just below the dramatic Cirque de Troumouse. On the journey up we took the opportunity to stop and see more Alpine Marmots at quite close distances, but unusually no sightings of Isard, the local race of Chamois. At the limit of the road we set off across the short turf on a short circular walk to a swift flowing stream where Mark pointed out the rare and endemic Pyrenean Brook Salamander-*Euproctus asper*, a normally nocturnal newt-like creature restricted to this mountain range. There were also many small pools here full of tadpoles and froglets of the Common frog, at this altitude probably a very short breeding season, but one particular pool (with no frogs) had a colony of the strange Fairy Shrimp-*Chirocephalus diaphanus*, a rare inhabitant of these ephemeral water bodies.

Returning down the winding road and stopping in a lay-by the now clear blue sky gave us superb close views of four Lammergeiers, probably a family group of two adults and two immature birds, along with Griffon Vultures, a male Redstart, and a pair of Short-toed Eagles busy quartering the valley in search of their reptilian prey. Another stop slightly lower down gave us some good butterflies including Bath White, Queen of Spain Fritillary and our first Clouded Apollo and Mountain Clouded Yellow of the week. Field Gentian-*Gentianella campestris*, Chamois Cress-*Hutchisia alpina*, and Pyrenean Kidney Vetch-*Anthyllis vulneraria* ssp *pyrenaica* were also in flower here. Just before partaking of our lunch, we were treated to the interesting spectacle of the local "bergers" rounding up their cattle into an enclosure in preparation to moving them on to other higher grazing.

After lunch we drove back down into the valley stopping firstly to inspect the little chapel in Héas village with its poignant stained glass windows which show scenes of the mountain lifestyle and at the same time commemorate those who died in the terrible avalanche of 1915. Here Amanda's Blue, Scarce Swallowtail, and the nominate form of Yellow-spotted Ringlet were found (we had seen the dark Pyrenean form *constans* at Lac des Gloriettes earlier in the week). The rest of the afternoon was spent in the lower valley amongst the flowery meadows alongside the stream with, Large Self-heal-*Prunella grandiflora*, Bloody Crane's-bill-*Geranium sanguineum*, Small Yellow Foxglove-*Digitalis lutea*, and Alpine Marsh & Common Spotted Orchids all delighting the scene. We also added some of the commoner species of butterfly to the list here, including Green-veined White, Silver-washed Fritillary, Wood White and Orange Tip, while the striking orange of the very photogenic Scarce Copper was very much in evidence.

Day 5

Wednesday 5th July

Sunny periods, then cloudy with rain

The overnight mist was starting to clear to sunny periods, so despite a less than perfect weather forecast for the afternoon, we headed up the main valley to Gavarnie and its famous Cirque, parking next to the river full of the cold melt water from the still quite sizeable snow fields high up on the mountain ridges. As we crossed the small bridge and left the village into the native Mountain Pine woodland we noted our first plants, with Horned Pansy-*Viola cornuta*, both Nodding & Lesser Wintergreen-*Orthilia secunda* & *Pyrola minor*, Wolf's-bane-*Aconitum vulparia*, and the little Vanilla Orchid-*Nigretella nigra* all seen, while we also had a good close view of a Red Squirrel. As we climbed ever higher, the full grandeur of this special place was gradually unfolding before us until just as we neared the "hostellerie" the whole panorama of the cirque was visible, a truly magnificent sight.. We had a coffee in the hotel, before continuing along the path across the stream and into the huge bowl seeing our first butterflies of the day. Two new species were Purple-edged Copper and the rare Geranium Argus found close by to its food plant here, the lovely Ashy Crane's-bill, along with a very attractive alpine moth *Psodos quadrifaria*.

Lunch was now calling, so we spread our picnic out on a large boulder with a backdrop of the "grand cascade" (reputedly the highest waterfall in Europe), and the vast bulk of the rest of the cirque stretching away either side of it. Here amongst the rocks there was a good assemblage of plants with Livelong Saxifrage-*Saxifraga paniculata*, Pyrenean Honeysuckle-*Lonicera pyrenaica*, and the lovely mauve flowered Ramonda-*Ramonda myconi*, the last two being endemic to these mountains, with Ramonda being also the only West European representative of the African Violet family. A small flock of Citril Finches also gave us good views as they searched for insects amongst the rocks. For the afternoon walk back we decided to take the spectacular but safe cliff path which traverses the rock face behind the hotel giving impressive views across the valley towards the Port de Boucharo, before emerging from the pine woodland high above Gavarnie amongst glorious alpine meadows. Before setting off though Mark had quite a shock when despite his protestations that his butterfly net was only for the purpose of identification and not for collecting, it was promptly confiscated by a young national park warden!

No matter, we continued along this path admiring the views, though now it seemed that the weather forecast was unfortunately looking increasingly correct with much cooler conditions and threatening rain. This rather limited the number of butterflies on the wing, although we did add Duke of Burgundy to the list, but fortunately this route is also noted for its special plants, including the immortalised Edelweiss-*Leontopodium alpinum*, the dainty little endemic Pyrenean Columbine-*Aquilegia pyrenaica*, the large yellow-flowered Chamois Ragwort-*Senecio doronicum*, and a superb show of the extremely rare Long-leaved Butterwort-*Pinguicula longifolia* clinging tenaciously to the under-hang of the cliff where water was seeping down. Emerging into the open pasture we were also lucky enough to spot a pair of Rock Thrush with the male showing very well on a rock for a fleeting moment. It was now raining quite hard so we descended back down to Gavarnie as quickly as possible by means of the very steep rocky zig-zag path, rather taxing everyone's knee joints to the limit.

After this last effort we arrived back at the bus tired and just a little aching, but also exhilarated by a wonderful days walking amidst this magnificent scenery with its rich attendant wildlife. Whilst Mark gratefully retrieved his net from the National Park Office, the rest of the group had a quick look around the souvenir shops with their rather tacky fare, before we climbed aboard the bus for the short ride back down to Gédre.

Day 6

Thursday 6th July

Sunny periods, then cloudy, cool

The rain of yesterday afternoon had left a legacy of morning mist as we set out after breakfast once again up the valley to Gavarnie, past the car parking attendants, and into the Ossoue valley our destination for the day. We drove all the way up the bumpy track to the barrage at the head of the valley with the intention of gradually working our way back down in the afternoon stopping at likely spots to search for species. This morning though birds were very much in evidence as the mist rapidly cleared in the rising temperatures, with Griffon Vulture, Lammergeier, Golden & Short-toed Eagle, Red-backed Shrike, Wheatear, Rock Thrush all showing well, while we also had fleeting glimpses of Dipper and Rock Bunting. The Alpine Marmots were as always also entertaining us with their delightfully cute antics, initiating a very amusing exchange of friendly banter between two members of the group! At the lake itself some butterflies were on the wing with Apollo, Clouded Apollo, and Torquoise Blues all in good numbers, and Gavarnie Blue at this site for the first time.

Moving back down the valley we then checked a site where Mark had previously seen the elusive Wallcreeper, but unfortunately there was no sign of it this year. The visit was not to be wasted though as we did add High Brown Fritillary and the diminutive Mountain Argus to the butterfly list, the latter in very good numbers. Amongst the plants here were some magnificent spikes of the endemic large yellow Gentian-*Gentiana burseri* ssp *burseri*, many Heath Spotted Orchids, and a very good specimen of the impressive False White Helleborine-*Veratrum album*. Just before we ate our picnic lunch near the van, a single Quail was heard calling at the exact same spot as in previous years!

After satisfying our hunger we moved further down to an area of alpine grassland and rocks where more butterflies were observed including Scarce Copper, Clouded Yellow, and Lesser Marbled, Dark Green, Spotted, False Heath, & Shepherd's Fritillaries, the last named being a particularly rare and sought after species in France. Whilst here we were also lucky enough to observe a pair of Rock Buntings feeding a youngster on a rock, pleasing the members of the group who had not seen the bird in the morning. Some good plants here were Mountain Pansy-*Viola lutea*, Alpine Aster, Pyrenean Soapwort-*Saponaria caespitosa*, the little fern Moonwort-*Botrychium lunaria*, and the magnificent Pyrenean Saxifrage-*Saxifraga longifolia*, here growing fully three feet horizontally out from the cliff beside the road.

We had hoped to spend some more quality time in the butterfly rich meadow by the stream that we had visited earlier in the week, but by now the fine sunny weather of the morning had disappeared to be replaced by low cloud and dropping temperatures. We valiantly tried to find further species amongst the vegetation, but as always in these conditions the insects are very hard to find, although once found are perhaps easier to photograph. This was a bit of an anti climax after the earlier treats, but heading back to the hotel we reflected that we had still enjoyed a very good day's nature watching.

Day 7

Friday 7th July

Sunny, warm

The usual morning mist had already cleared as we gathered around the minibus at the rear of the hotel, and immediately some birds of prey were spotted circling one of the mountains that overlook Gédre. These were a group of Griffon Vultures with the addition of single birds of both Lammergeier and Egyptian Vulture, a good start to the day. After this excitement we set off down the valley to Luz-St-Sauveur stopping to buy our picnic supplies, before entering the neighbouring Lutour valley, and turning up the Val de Jéret near the small spa town of Cauterets, eventually leaving the bus in the extensive car park at Pont d'Espagne. Up to now (and during the rest of the week) we had been in habitats on predominantly limestone rocks. This area though is on granite with poor drainage and acid soils, and consequently we hoped a very different flora and fauna as well. So as to gain height and get a head start on the many tourists, we started by taking the two télésiège or chairlifts up to near the Lac de Gaube, giving us also a good vantage point to admire the tall blue plants of Alpine Sow-Thistle-*Cicerbita alpina* that were growing in abundance below the lifts. At the top we started by walking through pine woodland where Lesser Wintergreen-*Pyrola minor* was seen, before traversing an area of granite scree and immediately noticing many large plants of the attractive Yellow Gentian- *Gentiana lutea*, along with Parsley Fern-*Cryptogramma crispa*, Upright Bitter Vetch-*Vicia orobus*, and Wood Crane's-bill-*Geranium sylvaticum*.

As we neared the lake we had fantastic views of the valley stretching away ahead towards the mighty Vignemale, at 3219m one of the highest mountains in the Pyrenean range. Here there were many butterflies including Apollo, Piedmont & Bright-eyed Ringlets, and two new species, Large and Spanish Brassy Ringlets the latter being the form *rondoni*, which is restricted to the Pyrenees. Skirting the lake and literally wading the unusually strong flowing stream we ate our lunch in an area of rocky boulders, before moving up the valley further, where we emerged into more open country. We were hoping to re-find a small colony of the beautifully coloured and so distinctive Mountain Clouded Yellow that Mark had found in a previous year. Sure enough they were there again, near a boggy area which held the attractive little Grass of Parnassus-*Parnassia palustris*, and a good stand of yet another endemic Saxifrage *S. aquatica*.

It was time to turn around and head back down to the car park now, but this time the path by the lake gave us a bonanza of different butterfly species including Marbled, Essex, & Mallow Skippers, Large Tortoiseshell, and for the first time Little, Baton, Osiris, and Glandon Blues, the latter being very similar to Gavarnie Blue, and almost as rare. Leaving the lake behind, we then took a rocky path that leads down through pine woodland having very good close views of a flock of Crested Tits, and also adding White Admiral and Cleopatra to the now impressive list of butterflies. At the bottom we had time to admire the waterfalls at the Pont d'Espagne itself, enjoy a beer, buy some more postcards, and then return to the hotel for our evening meal.

Day 8

Saturday 8th July

Sunny, hot

Today, we sadly said good-bye to the hotel staff, and soon after breakfast departed for the airport at Pau. The flight was not until the afternoon, so we stopped off first at the Pont Napoleon for a photo stop, and then drove up to Hautacam, a reasonably high peak with motor access, although with the impending arrival of the Tour de

France in the coming week was today a Mecca for many cyclists. The views from the top were magnificent though, with Red Kite, Skylark, and Meadow Pipit noted, and many butterflies that we had been seeing during the week were once again enjoyed, with the addition of one new species, a Red Admiral!

Returning down the mountain (at one point being overtaken by two of the cyclists) we ate a light lunch by the river at Argelès-Gazost, before continuing on to the airport in plenty of time to check-in. Farewells were exchanged, along with hopes of meetings in the future, with everyone agreeing that we had had a wonderful week with a record 87 species of butterfly seen, some good birds, and many rare and beautiful plants.

Species lists

Butterflies

SWALLOWTAIL – *Papilio machaon*

Occasional. Seen most days

SCARCE SWALLOWTAIL – *Iphiclydes podalirius*

Only seen on day 4 in the Heas valley.

APOLLO – *Parnassius apollo*

Seen on most days in good numbers. Grassy places.

CLOUDED APPOLLO – *Parnassius mnemosyne*

Only in the Heas and Ossoue valleys on days 4 & 6.

BLACK-VEINED WHITE – *Aporia crataegi*

Abundant. Seen on all days. Probably the commonest butterfly.

LARGE WHITE – *Pieris brassicae*

Frequent

SMALL WHITE – *Artogeia rapae*

Occasional.

GREEN-VEINED WHITE – *Artogeia napi*

Surprisingly only seen on days 5 & 7.

BATH WHITE – *Pontia daplidice*

Seen in the Heas valley & the Lac des Gloriette on days 2 & 4.

PEAK WHITE – *Pontia calladice*

Only at the Port de Boucharo on day 3.

ORANGE TIP – *Anthocharis cardamines*

Surprisingly only a single seen in the Heas valley on day 4.

CLOUDED YELLOW – *Colias crocea*

Common.

MOUNTAIN CLOUDED YELLOW – *Colias phicomone*

A small colony above the Lac de Gaube on day 7, and a single in the Heas valley on day 4.

BRIMSTONE – *Gonepteryx rhamni*

Frequent. Seen most days. Meadows

CLEOPATRA – *Gonepteryx cleopatra*

Two seen at the Pont d'Espagne on day 7.

WOOD WHITE – *Leptidea sinapsis*

Only seen in the woods above Gavarnie on day 5.

SCARCE COPPER – *Lycaena vigeureae*

Occasional in the Heas and Ossoue valleys.

PURPLE SHOT COPPER – *Lycaena alciphron*

At the Lac des Gloriettes and the Heas valley on days 2 & 4.

PURPLE-EDGED COPPER – *Lycaena hippothoe*

Only at Gavarnie on day 5.

LONG-TAILED BLUE – *Lampides boeticus*

Occasional. Seen on days 3, 4, & 6.

LITTLE BLUE – *Cupido minimus*

Only at the Lac de Gaube on day 7.

OSIRIS BLUE – *Cupido osiris*

Only at the Lac de Gaube on day 7.

LARGE BLUE – *Maculinea arion*

Rare. Only in the Ossoue valley on day 3. Short turf.

BATON BLUE – *Pseudophilotes baton*

Only at the Lac de Gaube on day 7.

SILVER-STUDED BLUE – *Plebejus argus*

Frequent. Seen on most days.

IDAS BLUE – *Plebejus idas*

Abundant. Seemed to be much commoner than the above species.

HOLLY BLUE – *Celastrina argiolus*

One seen near the hotel on day 3.

BROWN ARGUS – *Aricia agestis*

Occasional.

MOUNTAIN ARGUS – *Aricia artaxerxes*

A large colony found in the Ossoue valley on day 6.

GAVARNIE BLUE – *Agriades pyrenaicus*

At the usual site at the Lac des Gloriettes on day 2, but also in the Ossoue valley.

GLANDON BLUE – *Agriades glandon*

Only at the Lac de Gaube on day 7.

MAZARINE BLUE – *Cyaniris semiargus*

Occasional.

ESCHER'S BLUE – *Polyommatus escheri*

In the Ossoue and Heas valley's on days 3 & 4.

AMANDA'S BLUE – *Polyommatus amandus*

Only in the Heas valley on day 4. Mountain scrub.

COMMON BLUE – *Polyommatus icarus*

Occasional.

TURQUOISE BLUE – *Polyommatus dorylas*

Seen most days. Grassy scrub.

EROS BLUE – *Polyommatus eros*

Only near the Port de Boucharo on day 3.

MOTHER OF PEARL BLUE – *Polyommatus nivescens*

One seen in the Ossoue valley on day 3.

CHALK-HILL BLUE – *Lysandra coridon*

Occasional. Seen on days 3, 4, & 7. Mountain grassland.

SPANISH CHALK-HILL BLUE – *Lysandra albicans*

One seen at Lac des Gloriettes on day 2. A vagrant here perhaps?

ADONIS BLUE – *Lysandra bellargus*

Occasional.

GERANIUM ARGUS – *Eumedonia eumedon*

Only at the Cirque de Gavarnie on day 5 near the foodplant -Ashy Crane's-bill (*Geranium cinereum*).

DUKE OF BURGUNDY – *Hamaeris lucina*

One seen at Gavarnie on day 5.

NETTLE TREE BUTTERFLY – *Libythea celtis*

An individual seen near the hotel on day 3.

WHITE ADMIRAL – *Limentis camilla*

One at the Pont d'Espagne on day 7, & one at Hautacam on day 8.

RED ADMIRAL – *Vanessa atalanta*

One seen on Hautacam on day 8.

PAINTED LADY – *Cynthia cardui*

Common. Seen most days.

SMALL TORTOISESHELL – *Aglais urticae*

Common. Also many larvae on Common Nettle.

LARGE TORTOISESHELL – *Nymphalis polychloros*

Occasional.

COMMA – *Polgonum c-album*

Occasional.

DARK GREEN FRITILLARY – *Argynnis aglaja*

In the Heas and Ossoue valley's.

HIGH BROWN FRITILLARY – *Argynnis adippe*

Occasional. In the Ossoue valley and at the Lac de Gaube.

SILVER-WASHED FRITILLARY – *Argynnis paphia*

Frequent in the Heas valley.

MARbled FRITILLARY – *Brenthis daphne*

In the Heas and Lower Ossoue valley's on days 3 & 4.

LESSER MARbled FRITILLARY – *Brenthis ino*

Lower Ossoue valley (3 & 6), and Heas valley(4). Grassy scrub.

SMALL PEARL-BORDERED FRITILLARY – *Clossiana selene*

Occasional.

SPOTTED FRITILLARY – *Melitaea didyma*

Common. Seen on most days.

FALSE HEATH FRITILLARY – *Melitaea diamina*

Frequent. Seen on most days. Scrubby places

GRANVILLE FRITILLARY – *Mellicta athalia*

Occasional. Seen on days 3 & 4.

HEATH FRITILLARY – *Mellicta athalia*

Frequent. Seen on most days. Scrubby places.

MEADOW FRITILLARY – *Mellicta parthenoides*

Frequent. Seen on most days. Grassy scrub.

SHEPHERD'S FRITILLARY – *Bolaria pales*

Ossoue valley on day 6 and Gavarnie on day 5.

MARbled WHITE – *Melanargia galathea*

Frequent. Seen most days. Meadows.

MEADOW BROWN – *Maniola jurtina*

Occasional.

RINGLET – *Aphantopus hyperantus*

Near the hotel on day 3, and on Hautacam on day 8.

MOUNTAIN RINGLET – *Erebia epiphron*

Frequent. Seen most days. Grassy mountain slopes.

COMMON BRASSY RINGLET – *Erebia cassioides* form *arvenensis*

In the higher Heas valley on day 4, and the Port de Boucharo on day 3.

SPANISH BRASSY RINGLET – *Erebia cassioides* form *rondouri*

A large colony at Lac de Gaube on day 7.

BRIGHT-EYED RINGLET – *Erebia oeme*

Occasional. In the Ossoue valley on day 4, and at the Lac de Gaube on day 7.

PIEDMONT RINGLET – *Erebia meolans*

Frequent. The commonest Ringlet. Seen most days. Grassy scrub.

LARGE RINGLET – *Erebia euryale*

Only at the Lac de Gaube on day 7.

YELLOW SPOTTED RINGLET – *Erebia manta* ssp *constans*

Lac des Gloriettes (2), Ossoue (6) and Heas (4) valleys. Both the nominate form and ssp *constans* which is very dark, almost black with none or only vestigial markings are present.

LEFÈBVRE'S RINGLET – *Erebia lefebvrei*

Occasional. Seen on days 2, 4, & 5.

GREAT-BANDED GRAYLING – *Kanetisa circe*

One seen in typical posture on the wall of the hotel on day 3.

SMALL HEATH – *Coenonympha pamphilus*

Frequent. Seen most days. Grassy places.

PEARLY HEATH – *Coenonympha arcania*

Frequent. Seen most days. As common as the preceding species. Grassy places.

WALL BROWN – *Lasiommata megera*

Common.

LARGE WALL BROWN – *Lasiommata maera*

Frequent. Seen most days. Rocky places.

GRIZZLED SKIPPER – *Pyrgus malvae*

Occasional. Grassy places.

LARGE GRIZZLED SKIPPER – *Pyrgus alveus*

Occasional. Ossoue valley on days 3 & 6. Meadows.

OBERTHUR'S GRIZZLED SKIPPER – *Pyrgus armoricanus*

Seen on most days. Flowery scrub.

CARLINE SKIPPER – *Pyrgus carlinae*

Only near the Port de Boucharo on day 3.

MARbled SKIPPER – *Carcharodus lavatherae*

Frequent. Seen most days. Rocky scrub.

MALLOW SKIPPER – *Carcharodus alcaea*

In the Ossoue valley on day 3, and at the Lac de Gaube on day 7.

ESSEX SKIPPER – *Thymelicus lineola*

Occasional. Seen most days. Grassy places.

SMALL SKIPPER – *Thymelicus sylvestris*

Common. Seen most days. Grassy places.

LARGE SKIPPER – *Ochlodes venatus*

Frequent. Seen most days. Grassy places.

87 Species.

Nomenclature according to Butterflies of France, Belgium, and Luxembourg (Lafranchis 2000)

Birds

GREY HERON – *Ardea cinerea*

Birds seen on days 2 & 7.

BLACK KITE – *Milvus migrans*

Many birds seen on the drive to and from the airport.

RED KITE-*Milvus milvus*

Three birds seen at Hautacam, and one on the drive to the airport, all on day 8.

LAMMERGEIER – *Gypaetus barbatus*

One bird at Lac des Gloriettes on day 2, superb views of 4 birds in the Heas valley on day 4, and singles seen also on days 6 & 7;

GRIFFON VULTURE – *Gyps fulvus*

20+ at Lac des Gloriettes on day 2, then afterwards seen every day. Some reasonably close views.

HEN HARRIER – *Circus cyaneus*

One bird seen at Gavarnie on day 5.

COMMON BUZZARD – *Buteo buteo*

Only seen on day 8.

GOLDEN EAGLE – *Aquila chrysaetos*

Good views of single birds on days 2 & 6.

SHORT-TOED EAGLE – *Circaetus gallicus*

Superb close views of a pair hunting in the Heas valley on day 3. Others seen on days 4, 5, & 6.

COMMON KESTREL – *Falco tinnunculus*

Occasional.

PEREGINE – *Falco peregrinus*

A pair seen high up at the Lac des Gloriettes, and heard on day 5.

QUAIL – *Coturnix coturnix*

Single bird heard in the higher Ossoue valley on day 6.

ROCK DOVE/FERAL PIGEON – *Columba livia*

Occasional.

COLLARED DOVE – *Streptopelia decaocto*

Occasional.

SWIFT – *Apus apus*

Common in the towns & villages of the valleys.

GREAT-SPOTTED WOODPECKER – *Dendrocopos major*

Seen and heard behind the hotel.

SKYLARK – *Alauda arvensis*

Only at Hautacam on day 8.

WOODLARK – *Lullula arborea*

Only at Gavarnie on day 5.

CRAG MARTIN – *Ptyonoprogne rupestris*

Frequent around cliffs and sometimes in villages. Nesting site observed at Gavarnie.

SWALLOW – *Hirundo rustica*

Occasional.

HOUSE MARTIN – *Delichon urbica*

Seen most days, around cliffs as well as in villages.

MEADOW PIPIT – *Anthus pratensis*

A female with a beak of grubs for its brood at Hautacam on day 8.

WATER PIPIT – *Anthus spinoletta*

Superb views at Gavarnie Ski station on day 3, also the Ossoue valley(3 & 6), and Troumouse(4).

WHITE WAGTAIL – *Motacilla alba*

Common.

GREY WAGTAIL – *Motacilla cinerea*

Frequent near water.

DIPPER – *Cinclus cinclus*

Occasional.

WREN – *Troglodytes troglodytes*

Frequently heard, and occasionally glimpsed.

DUNNOCK – *Prunella modularis*

Frequent, even at quite a high altitude.

ROBIN – *Erithacus rubecula*

Occasional.

BLACK REDSTART – *Phoenicurus ochurus*

Ubiquitous right up to the snow-line. Often heard long before being sighted.

REDSTART – *Phoenicurus phoenicurus*

A single bird seen in the Heas valley on day 4.

NORTHERN WHEATEAR – *Oenanthe oenanthe*

Frequent, seen on most days at higher altitudes.

ROCK THRUSH – *Monticola saxatilis*

Good views of birds at Gavarnie on day 5, & in the Ossoue valley on day 6.

BLACKBIRD – *Turdus merula*

Frequent, seen on most days.

MISTLE THRUSH – *Turdus viscivorus*

Single bird seen in the Heas valley on day 4..

BLACKCAP – *Sylvia atricapilla*

Frequently heard in the valleys, occasionally seen.

BONELLI'S WARBLER – *Phylloscopus bonelli*

A bird heard singing next to the river on day 8.

WHITETHROAT – *Sylvia communis*

One bird heard at Gavarnie on day 5.

CHIFFCHAFF – *Phylloscopus collybita*

Occasionally heard.

GOLDCREST – *Regulus regulus*

Occasionally heard.

FIRECREST – *Regulus ignicapillus*

Heard on days 5 & 7.

CRESTED TIT – *Parus cristatus*

Birds seen at Lac de Gaube on day 7.

BLUE TIT – *Parus caeruleus*

Occasional.

COAL TIT – *Parus ater*

Frequent in pine forests.

GREAT TIT – *Parus major*
Occasional.

NUTHATCH – *Sitta europaea*
Occasional.

RED-BACKED SHRIKE – *Lanius collurio*
Good views on days 3 & 6.

JAY – *Garrulus glandarius*
Frequent.

MAGPIE – *Pica pica*
Frequent.

ALPINE CHOUGH – *Pyrrhocorax graculus*
Seen on most days in the mountains, usually in flocks.

CHOUGH – *Pyrrhocorax pyrrhocorax*
Odd birds seen on most days.

RAVEN – *Corvus corax*
Frequent, often in small flocks.

CARRION CROW – *Corvus corone corone*
Singles seen on most days.

HOUSE SPARROW – *Passer domesticus*
Common near habitation.

CHAFFINCH – *Fringilla coelebs*
Very common up to a reasonably high altitude.

CITRIL FINCH – *Serinus citrinella*
Good views at Gavarnie on day 5.

SERIN – *Serinus serinus*
Commonly heard and occasionally glimpsed at Gèdre in the vicinity of the hotel.

GOLDFINCH – *Caeduelis chloris*
A pair seen at Hautacam on day 8.

LINNET – *Carduelis cannabina*
Frequent.

YELLOWHAMMER – *Emberiza citrinella*
Frequent

ROCK BUNTING – *Emberiza cia*
Superb close views two adults feeding a young bird in the Ossoue valley, & a single at Lac de Gaube.

Total 61 Species

Plants

Scientific name	Common name	Location
FERNS		
<i>Asplenium adiantum-nigrum</i>	Black Spleenwort	Occasional, rocks
<i>A. ruta-muraria</i>	Wall-rue	Frequent, rocks & walls
<i>A. trichomanes</i>	Maidenhair Spleenwort	Common, rocks & walls
<i>A. viride</i>	Green Spleenwort	Cirque de Gavarnie, Ossoue v.
<i>Athyrium felix-femina</i>	Lady Fern	Woods, Pont d'Espagne
<i>A. distentifolium</i>	Alpine Lady Fern	High mountain rocks
<i>Blechnum spicant</i>	Hard Fern	Pont d'Espagne
<i>Botrychium lunaria</i>	Moonwort	Lac de Gaube
<i>Ceterach officinale</i>	Rustyback Fern	Occasional
<i>Cryptogramma crispa</i>	Parsley Fern	Occasional, scree
<i>Cystopteris fragilis</i>	Brittle Bladder Fern	Common
<i>Dryopteris dilatata</i>	Broad Buckler Fern	Woods, Pont d'Espagne
<i>D. felix-mas</i>	Common Male Fern	Occasional, shady places
<i>D. affinis</i>	Scaly Male Fern	Pont d'Espagne
<i>Gymnocarpium dryopteris</i>	Oak Fern	Frequent, shaded rocks
<i>Polypodium vulgare</i>	Common Polypody	Occasional
<i>P. cambricum</i>	Southern Polypody	Occasional, limestone rocks
<i>Polystichum aculeatum</i>	Hard Shield Fern	Frequent
<i>P. longchitis</i>	Holly Fern	Occasional
<i>P. setiferum</i>	Soft Shield Fern	Pont d'Espagne
<i>Pteridium aquilinum</i>	Bracken	Widespread & frequent
EQUISETACEAE		
<i>Equisetum arvense</i>	Field Horsetail	Occasional, damp places
CONIFERS		
<i>Abies alba</i>	Silver Fir	Frequent
<i>Juniperus communis ssp alpina</i>	Juniper	Common
<i>Picea abies</i>	Norway Spruce	Frequent
<i>Pinus sylvestris</i>	Scot's Pine	Pont d'Espagne
<i>P. uncinata</i>	Mountain Pine	Gavarnie & Ossoue Valley
<i>Taxus baccata</i>	Yew	Ossoue Valley
SALICAEAE		

Scientific name	Common name	Location
<i>Salix aurita</i>	Eared Willow	Widespread
<i>S. caprea</i>	Goat Willow	Occasional
<i>S. retusa</i>	Retuse-leaved Willow	Cirque de Gavarnie
<i>S. viminalis</i>	Osier	Frequent, streamsides
<i>P. tremula</i>	Aspen	Occasional
BETULACEAE		
<i>Alnus glutinosa</i>	Alder	Streamsides
<i>A. incana</i>	Grey Alder	Gavarnie, Ossoue valley
<i>Betula pendula</i>	Silver Birch	Frequent, woodland
CORYLACEAE		
<i>Coryllus avellana</i>	Hazel	Common
FAGACEAE		
<i>Fagus sylvatica</i>	Beech	Frequent, woodland
<i>Quercus petraea</i>	Sessile Oak	Mountain woodland
<i>Q. pyrenaica</i>	Pyrenean Oak	Frequent, valley woodland
<i>Q. robur</i>	Common Oak	Occasional, valleys
ULMACEAE		
<i>Ulmus glabra</i>	Wych Elm	Occasional, woodland
<i>U. minor</i>	Small-leaved Elm	Frequent, valleys
URTICACEAE		
<i>Parietaria judaica</i>	Wall Pellitory	Occasional walls
<i>Urtica dioica</i>	Stinging Nettle	Common
SANTALACEAE		
<i>Thesium pyrenaicum</i>	Pyrenean Bastard Toadflax	Frequent, rocky places
LORANTHACEAE		

Scientific name	Common name	Location
<i>Viscum album</i>	Mistletoe	Frequent, valleys
POLYGONACEAE		
<i>Oxyria digyna</i>	Moutain Sorrel	Damp rocks
<i>Polygonum viviparum</i>	Alpine Bistort	Frequent, streamsides etc
<i>Rumex acetosa</i>	Common Sorrel	Abundant
<i>R. acetosella</i>	Sheep's Sorrel	Frequent
<i>R. pulcher</i>	Fiddle Dock	Occasional, Ossoue valley
<i>R. scutatus</i>	French Sorrel	Frequent, rocks & scree
<i>Bilderdykia convolvulus</i>	Black Bindweed	Gédre
CARYOPHYLLACEAE		
<i>Cerastium alpinum</i>	Alpine Mouse-ear	Frequent, rocks
<i>C. fontanum</i>	Common Mouse-ear	Frequent
<i>C. tomentosum</i>	Snow-in-Summer	Scree, Pont d'Espagne
<i>Dianthus deltoides</i>	Maiden Pink	Frequent
<i>D. monspessulanus</i>	Fringed Pink	Frequent
<i>Gypsophila repens</i>	Alpine Gypsophila	Frequent, rocks
<i>Herniaria hirsuta</i>	Hairy Rupturewort	Rocks, Ossoue valley
<i>Arenaria grandiflora</i>	a Sandwort	Lac des Gloriettes
<i>A. purpurascens</i>	Pink Sandwort	Port de Boucharo, endemic
<i>Moehringia muscosa</i>	another Sandwort	Gavarnie
<i>Minuartia verna</i>	Spring Sandwort	Frequent
<i>Paronychia kapela</i> ssp		Rocks
<i>serpyllifolia</i>		
<i>Saponaria caespitosa</i>	Tufted Soapwort	Rocks, Ossoue valley, endemic
<i>S. officinalis</i>	Soapwort	Occasional, roadsides
<i>Scleranthus perennis</i>	Perennial Knawel	Rocks, Lac de Gaube etc
<i>S. annuus</i>	Annual Knawel	Ossoue valley
<i>Silene alba</i>	White Campion	Occasional, roadsides
<i>S. dioica</i>	Red Campion	Woods & roadsides
<i>S. nutans</i>	Nottingham Catchfly	Frequent
<i>S. rupestris</i>	Rock Campion	Frequent, rocks
<i>S. saxifraga</i>	Saxifrage Campion	Rocks, Ossoue valley
<i>S. uniflora</i>	Bladder Campion	Frequent
<i>Stellaria graminea</i>	Lesser Stitchwort	Ossoue valley
<i>S. holostea</i> (leaves)	Greater Stitchwort	Frequent, woods etc
<i>S. media</i>	Common Chickweed	Abundant weed

Scientific name	Common name	Location
RANUNCULACEAE		
Aconitum napellus	Monkshood	Frequent
A. vulparia	Wolfsbane	Occasional
Anemone nemorosa	Wood Anemone	Leaves only, frequent, woods
A. narcissiflora	Narcissus-flowered Anemone	Ossoue valley
Pulsatilla alpina (seedheds)	Alpine Pasque Flower	Ossoue v, Gavarnie
Aquilegia pyrenaica	Pyrenean Columbine	Cirque de Gavarnie, endemic
A. vulgaris	Common Columbine	Frequent
Caltha palustris	Marsh Marigold	Frequent, streamsides
Helleborus foetidus	Stinking Hellebore	Frequent, screes etc
H. viridis	Green Hellebore	Common, woods
Hepatica nobilis (leaves)	Hepatica	Frequent, woods
Ranunculus aconitifolius	Aconite-leaved Buttercup	Pont d'Espagne, lac des Glor
R. acris	Meadow Buttercup	Abundant
R. bulbosus	Bulbous Buttercup	Frequent
R. ficaria (leaves)	Lesser Celendine	Occasional
R. repens	Creeping Buttercup	Abundant
R. thora (leaves)	Thore's Buttercup	Cirque de Gavarnie
R. nemorusus	Wood Buttercup	Ossoue valley
R. flammula	Lesser Spearwort	Lac de Gaube
Thalictrum aquilegifolium	Great Meadow-rue	Pont d'Espagne
T. macrocarpum	a Meadow-rue	Ossoue Valley, endemic
Trollius europaeus (leaves)	Globe Flower	Frequent
Clematis vitalba	Wild Clematis	Gédre
PAPAVERACEAE		
Meconopsis cambrica	Welsh Poppy	Pont d'Espagne, Ossoue valley
Papaver rhoeas	Common poppy	Occasional
P. lecoqui	Yellow-stained Poppy	Gédre
Chelidonium majus	Greater Celendine	Gédre
CRUCIFEREAE		
Alyssum alyssoides	Small Alison	Occasional weed
Arabidopsis thaliana	Thale Cress	Occasional weed
Arabis alpina (leaves)	Alpine Rock-cress	Occasional, damp rocks

Scientific name	Common name	Location
<i>A. hirsuta</i>	Hairy Rock-cress	Frequent, rocks
<i>A. turrita</i> (seedheads)	Tower Cress	Frequent
<i>Biscutella laevigata</i>	Buckler Mustard	Occasional, rocks
<i>Thlaspi perfoliatum</i> (seedheads)	Cotswold Penny Cress	Gédre
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	Common weed
<i>Cardamine hirsuta</i>	Hairy Bittercress	Frequent
<i>C. impatiens</i> (seedheads)	Narrow-leaved Bittercress	Wood, Ossoue valley
<i>C. raphanifolia</i>	Radish-leaved Bittercress	Ossoue V, Lac des Gloriettes
<i>Erysimum duriaei</i> ssp <i>pyrenaicum</i>	a Treacle Mustard	Lac des Gloriettes, endemic
<i>Huthinsia alpina</i>	Chamois Cress	Rocks & screes
<i>Sisymbrium austriacum</i>	Austrian Rocket	Occasional, streamsides etc
ssp <i>chrysanthum</i>		
RESEDACEAE		
<i>Reseda lutea</i>	Wild Mignonette	Occasional
<i>R. luteola</i>	Weld	Gavarnie
<i>R. glauca</i>	Pyrenean Mignonette	Frequent, rocks, endemic
<i>R. alba</i>	White Mignonette	Ossoue valley
CRASSULACEAE		
<i>Sedum acre</i>	Biting Stonecrop	Frequent
<i>S. album</i>	White Stonecrop	Occasional, rocks
<i>S. anglicum</i>	English Stonecrop	Rocks, Lac de Gaube
<i>S. dasyphyllum</i>	Thick-leaved Stonecrop	Frequent, rocks
<i>S. rupestre</i>	Reflexed Stonecrop	Frequent, rocks
<i>S. forsterianum</i>	Rock Stonecrop	Lac des Gloriettes
<i>S. ochroleucum</i>	Cream Stonecrop	Gédre
<i>S. telephium</i>	Orpine	Gavarnie
<i>S. hirsutum</i>		Lac des Gloriettes
<i>Sempervivum montanum</i>	Mountain Houseleek	Occasional, rocks
<i>Umbilicus rupestris</i>	Wall Pennywort	Occasional, walls
SAXIFRAGACEAE		
<i>Chrysosplenium oppositifolium</i>	Opposite-leaved Golden Saxifrage	Pont d'Espagne
<i>Saxifraga aizoides</i>	Yellow Mountain Saxifrage	Frequent, streamsides
<i>S. exaltata</i> ssp <i>moschata</i>	Musky Saxifrage	Rocks, Port de Boucharo

Scientific name	Common name	Location
<i>S. longifolia</i> ssp <i>longifolia</i>	Pyrenean Saxifrage	Ossoue valley, endemic
<i>S. oppositifolia</i> (leaves)	Purple Saxifrage	Common.
<i>S. paniculata</i>	Livelong Saxifrage	Common, rocks
<i>S. pubescens</i>	Hairy Saxifrage	Rocks, Heas Valley, endemic
<i>S. stellaris</i>	Starry Saxifrage	Pont d'Espagne
<i>S. umbrosa</i>	Wood Saxifrage	Pont d'Espagne, Ossoue Valley
<i>S. aquatica</i>	Water Saxifrage	Lac de Gaube
<i>S. hirsuta</i>	Kidney Saxifrage	Lac des Gloriettes
<i>S. aretioides</i>	Yellow Saxifrage	Ossoue valley
<i>S. hariatii</i>		Lac des Gloriettes, Port de B
PARNASSIACEAE		
<i>Parnassia palustris</i>	Grass of Parnassus	Gavarnie
GROSSULARIACEAE		
<i>Ribes alpinum</i>	Mountain Currant	Occasional, Lac de Gaube etc
PLATANACEAE		
<i>Platanus x hybridus</i>	London Plane	Occasional, roadsides
ROSACEAE		
<i>Alchemilla alpina</i>	Alpine Lady's-mantle	Common
<i>A. glaucescens</i>	Small Lady's-mantle	Frequent
<i>Amelanchier ovalis</i> (leaves)	Snowy Mespilus	Lac des Gloriettes
<i>Cotoneaster integerrimus</i>	Wild Cotoneaster	Leaves & fruit, Lac des Gloriettes
<i>Agrimonia eupatoria</i>	Agrimony	Gédre
<i>Crataegus monogyna</i>	Hawthorn	Occasional
<i>Fillipendula ulmaria</i>	Meadowsweet	Occasional, streamsides
<i>Fragaria vesca</i>	Wild Strawberry	Frequent
<i>Geum montanum</i>	Alpine Avens	Cirque de Gavarnie, Ossoue v
<i>G. pyrenaicum</i> (seedheads)	Pyrenean Avens	Lac des Gloriettes, endemic
<i>G. urbanum</i>	Herb Bennet	Frequent
<i>Potentilla alchemilloides</i>	Alchemilla-leaved	Lac des Gloriettes, Ossoue V
	Cinquefoil	
<i>P. erecta</i>	Tormentil	Frequent
<i>P. crantzii</i>	Alpine Cinquefoil	Frequent, mountain turf

Scientific name	Common name	Location
<i>P. reptans</i>	Creeping Cinquefoil	Occasional, waste places
<i>P. argentea</i>	Hoary Cinquefoil	Ossoue v,
<i>Prunus avium</i>	Wild Cherry	Pont d'Espagne
<i>P. spinosa</i>	Blackthorn	Occasional
<i>Rubus idaeus</i>	Raspberry	Frequent
<i>R. fruticosus agg</i>	Bramble	Common
<i>R. saxatilis</i>	Stone bramble	Occasional
<i>Rosa arvensis</i>	Field Rose	Frequent
<i>R. canina</i>	Common Dog Rose	Frequent
<i>R. glauca</i>	Glaucous rose	Frequent
<i>R. rubiginosa</i>	Sweet Briar	Occasional
<i>R. pendulina</i>	Alpine Rose	Lac des Gloriettes
<i>Sanguisorba minor</i>	Salad Burnet	Common
<i>Sorbus aria</i>	Whitebeam	Occasional, woods
<i>S. mougetii</i>	Pyrenean Whitebeam	Lac des Gloriettes
<i>S. aucuparia</i>	Rowan	Frequent
LEGUMINOSEAE		
<i>Anthyllis montana</i>	Mountain Kidney Vetch	Rocks, Cirque de Gavarnie
<i>A. vulneraria ssp pyrenaica</i>	Pyrenean Kidney vetch	Common, Endemic
<i>Astragalus alpinus</i>	Alpine Milk Vetch	Occasional, Ossoue Valley
<i>A. monspessulanus</i>	Montpelier Milk Vetch	Frequent
<i>Hippocrepis comosa</i>	Horseshoe Vetch	Frequent, grassland
<i>Lathyrus latifolius</i>	Broad-leaved Everlasting Pea	Occasional, Heas Valley
<i>L. latifolius</i>	Bitter Vetch	Occasional, Pont d'Espagne
<i>L. pratensis</i>	Meadow Vetchling	Common
<i>L. sylvestris</i>	Everlasting Pea	Occasional, Lac des Gloriettes
<i>Melilotus alba</i>	White Melilot	Gédre
<i>Lotus alpinus</i>	Alpine Bird's-foot Trefoil	Frequent, mountain turf
<i>L. corniculatus</i>	Bird's-foot trefoil	Frequent
<i>L. uliginosus</i>	Greater Bird's-foot Trefoil	Pont d'Espagne
<i>Medicago lupulina</i>	Black Medick	Occasional
<i>Ononis striata</i>	Alpine Rest Harrow	Rocks, Port de Boucharo
<i>O. natrix</i>	Large Yellow Rest-harrow	Occasional, Ossoue Valley
<i>O. repens</i>	Common Rest harrow	Ossoue valley
<i>Oxytropis campestris</i>	Yellow Milk Vetch	Occasional, Ossoue Valley etc
<i>O. pyrenaica</i>	Pyrenean Milk Vetch	Occasional, Lac des Gloriettes
<i>Onobrychis pyrenaica</i>	Pyrenean Sainfoin	Gédre, endemic
<i>Trifolium montanum</i>	Mountain Clover	Frequent

Scientific name	Common name	Location
<i>T. ochroleucum</i>	Sulphur Clover	Frequent
<i>T. pratense</i>	Red Clover	Frequent
<i>T. repens</i>	White Clover	Frequent
<i>T. badium</i>	Brown Clover	Lac des Gloriettes
<i>T. thalii</i>		Lac des Gloriettes
<i>T. dubium</i>	Lesser Trefoil	Occasional
<i>Vicia cracca</i>	Tufted Vetch	Frequent
<i>V. hirsuta</i>	Hairy Tare	Occasional
<i>V. orobus</i>	Wood Bitter Vetch	Occasional
<i>V. pyrenaica</i>	Pyrenean Vetch	Common, endemic
<i>V. sepium</i>	Bush Vetch	Frequent
OXALIDACEAE		
<i>Oxalis acetosella</i> (leaves)	Wood Sorrel	Common, woods
GERANIACEAE		
<i>Erodium cicutarium</i>	Common Stork's-bill	Occasional, grassy places
<i>Geranium cinereum</i>	Ashy Crane's-bill	Alpine turf, endemic, Gavarnie, P de B
<i>G. lucidum</i>	Shining Crane's-bill	Occasional
<i>G. molle</i>	Dove's-foot Crane's-bill	Occasional
<i>G. phaeum</i>	Dusky Crane's-bill	Shady places, Frequent
<i>G. pyrenaicum</i>	Pyrenean Crane's-bill	Common
<i>G. robertianum</i>	Herb Robert	Frequent
<i>G. sylvaticum</i>	Wood Crane's-bill	Common
<i>G. sanguineum</i>	Bloody Crane's-bill	Occasional
<i>G. rotundifolium</i>	Round-leaved Crane's-bill	Gédre
LINACEAE		
<i>Linum catharticum</i>	Fairy Flax	Occasional, Lac des Gloriettes
EUPHORBIACEAE		
<i>Euphorbia amygaloides</i>	Wood Spurge	Occasional, woods
<i>E. cyparissias</i>	Cypress Spurge	Frequent, dry grassland
<i>E. hyberna</i>	Irish Spurge	Occasional, woodland
<i>Mercurialis perennis</i>	Dog's Mercury	Occasional, woodland
POLYGALACEAE		

Scientific name	Common name	Location
Polygala alpestris	Mountain Milkwort	Occasional, Ossoue Valley
P. alpina	Alpine Milkwort	Occasional
P. serpyllifolia	Heath Milkwort	Pont d'Espagne etc
ACERACEAE		
Acer campestre	Field Maple	Occasional
A. pseudoplatanus	Sycamore	Frequent
AQUIFOLIACEAE		
Ilex aquifolium	Holly	Occasional, woods
BUXACEAE		
Buxus sempervirens	Box	Occasional
RHAMNACEAE		
Rhamnus alpinus	Alpine Buckthorn	Occasional, Ossoue valley
R. pumilus	Dwarf Buckthorn	Lac des Gloriettes
TILACEAE		
Tilia cordata	Small-leaved Lime	Common, woods
T. platyphyllos	Large-leaved Lime	Pont de Napoleon
MALVACEAE		
Malva moschata	Musk Mallow	Occasional
M. sylvestris	Common Mallow	Occasional
M. neglecta	Dwarf Mallow	Gédre
THYMELACEAE		
Daphne cneorum (leaves)	Garland Flower	Occasional, turf
D. laureola	Spurge Laurel	Frequent, woods
GUTTIFERAE		
Hypericum macalatum	Imperforate St John's-wort	Occasional, Ossoue valley

Scientific name	Common name	Location
<i>H. nummularium</i>	a low growing St J's-wort	Wet rocks, Gavarnie, Ossoue
<i>H. perforatum</i>	Perforate St John's-wort	Frequent
<i>H. richeri</i> ssp <i>burseri</i>	Alpine St John's-wort	Scree, Ossoue valley
VIOLACEAE		
<i>Viola cornuta</i>	Horned Pansy	Meadows, endemic, Gavarnie
<i>V. riviniana</i>	Common Dog Violet	Frequent
<i>V. tricolor</i>	Wild Pansy	Occasional
<i>V. lutea</i>	Mountain Pansy	Occasional, Ossoue valley
CISTACEAE		
<i>Helianthemum canum</i>	Hoary Rockrose	Occasional, scree
<i>H. nummularium</i>	Common Rockrose	Common
<i>H. appeninum</i>	White Rockrose	Gédre
ONAGRACEAE		
<i>Epilobium anagallidifolium</i>	Alpine Willow-herb	Damp mountain turf
<i>E. angustifolium</i>	Rosebay Willow-herb	Occasional, woods
<i>E. montanum</i>	Broad-leaved Willow-herb	Frequent, shady places
<i>E. alsinifolium</i>	Chickweed Willowherb	Occasional
CORNACEAE		
<i>Cornus sanguinea</i>	Dogwood	Frequent, woods
ARIALACEAE		
<i>Hedera helix</i>	Ivy	Abundant
UMBELLIFERAE		
<i>Athamanta cretensis</i>	Athamanta	Gédre
<i>Angelica sylvestris</i>	Angelica	Frequent, damp places
<i>A. razulii</i>	Pyrenean Angelica	Gavarnie, endemic
<i>Astrantia major</i>	Pink Masterwort	Occasional
<i>Bupleurum falcatum</i>	Sickle Hare's-ear	Rare, Heas valley
<i>B. angulosum</i>	Pyrenean Hare's-ear	Gavarnie, Ossoue valley, endemic

Scientific name	Common name	Location
<i>Conopodium majus</i>	Pignut	Occasional, woods
<i>C. pyrenaicum</i>	Pyrenean Pignut	Frequent, rocky meadows
<i>Daucus carota</i>	Wild Carrot	Occasional, Ossoue valley
<i>Eryngium bougatii</i>	Pyrenean Eryngo	Frequent, stony places, endemic
<i>Heracleum mantegazzianum</i>	Giant Hogweed	Occasional,
<i>H. sphondylium</i> ssp <i>pyrenaicum</i>	Pyrenean Hogweed	Common
<i>Laserpitium latifolium</i>	Broad-leaved Sermountain	Common, screes
<i>Laserpitium siler</i>	Narrow-leaved Sermountain	Frequent, meadows etc
<i>Meum athamanticum</i>	Spignel	Occasional, rocks
<i>Myrrhis odorata</i>	Sweet Cecily	Common, roadsides
<i>Peucedanum ostruthium</i>	Masterwort	Occasional, streamsides
<i>Pimpinella major</i>	Greater Burnet Saxifrage	Occasional, grassland
<i>P. saxifraga</i>	Burnet Saxifrage	Frequent, grassland
<i>Sanicula europaea</i>	Sanicle	Woods, Ossoue valley
<i>Torilis japonica</i>	Hedge Parsley	Gédre
PYROLACEAE		
<i>Pyrola minor</i>	Lesser Wintergreen	Lac de Gaube, Gavarnie
<i>Orthilia secunda</i>	Nodding Wintergreen	Gavarnie
ERICACEAE		
<i>Arctostaphylos uva-ursi</i>	Bearberry	Acid rocks, Lac des Gloriettes etc
<i>Calluna vulgaris</i>	Ling	Acid heath, Lac de Gaube
<i>Erica arborea</i>	Tree Heather	Occasional, valleys
<i>E. cinerea</i>	Bell Heather	Frequent
<i>Rhododendron ferrugineum</i>	Alpenrose	Frequent, rocky places
<i>Vaccinium myrtillus</i>	Bilberry	Occasional
PRIMULACEAE		
<i>Lysimachia nemorum</i>	Yellow Pimpernel	Wood, Ossoue valley
<i>Primula elatior</i>	Oxlip	Seedheads, Gavarnie
<i>P. hirsuta</i>	Hairy Primrose	Gavarnie, Lac de Gaube
<i>P. veris</i>	Cowslip	Seedheads, frequent
PLUMBAGINACEAE		
<i>Armeria maritima</i> ssp <i>alpina</i>	Mountain Thrift	Occasional, Lac de Gaube

Scientific name	Common name	Location
OLEACEAE		
Fraxinus excelsior	Ash	Frequent
GENTIANACEAE		
Gentiana burseri	Yellow Gentian	Ossoue valley
G. lutea	Large Yellow Gentian	Scree, Pont d'Espagne
G. verna	Spring Gentian	Seedheads, frequent
G. nivalis	Snow Gentian	Port de Boucharo
Gentianella campestris	Field Gentian	Occasional, Heas valley
ASCLEPIADACEAE		
Vincetoxicum hirundinaria	Swallow-wort	Common
RUBIACEAE		
Asperula pyrenaica	Pyrenean Woodruff	Rocks
A. cynanchica	Squinancywort	Lac des Gloriettes
Cruciata laevipes	Crosswort	Frequent, grassy places
Gallium aparine	Cleavers	Abundant
G. mollugo	Hedge Bedstraw	Frequent
G. odoratum	Sweet Woodruff	Occasional, woods
G. pyrenaicum	Pyrenean Bedstraw	Rocks, Port de Boucharo
G. verum	Lady's Bedstraw	Common, grassland
G. saxatile	Heath Bedstraw	Lac des Gloriettes
G. cespitosum		Rocks, endemic, Port de Boucharo
Rubia peregrina	Wild Madder	Occasional, bushy places
CONVOLVULACEAE		
Convolvulus arvensis	Field Bindweed	Frequent weed
Cuscuta epithymum	Dodder	Occasional, Ossoue valley
C. europaea	Greater Dodder	Gavarnie
BORAGINACEAE		
Echium vulgare	Viper's Bugloss	Frequent, grassy places

Scientific name	Common name	Location
<i>Myosotis alpina</i>	Alpine Forget-me-not	Rare, turf, Troumouse
<i>M. arvensis</i>	Field Forget-me-not	Frequent, waste places
<i>M. laxa</i>	Tufted Forget-me-not	Occasional, damp places
<i>M. sylvatica</i>	Wood Forget-me-not	Occasional, woods
<i>Pulmonaria officinalis</i> (leaves)	Lungwort	Frequent, woods
<i>Anchusa arvensis</i>	Small Bugloss	Gédre
VERBENACEAE		
<i>Verbena officinalis</i>	Vervain	Occasional, Ossoue valley
LABIATAE		
<i>Acinos alpinus</i>	Alpine Basil Thyme	Occasional, rocks & scree
<i>A. arvensis</i>	Common Basil Thyme	Frequent, rough ground
<i>Ajuga pyramidalis</i>	Pyramidal Bugle	Occasional, Lac de Gaube
<i>A. reptans</i>	Common Bugle	Common
<i>Glechoma hederacea</i>	Ground Ivy	Frequent
<i>Clinododium vulgare</i>	Wild basil	Common
<i>Galeopsis tetrahit</i>	Common Hemp Nettle	Occasional
<i>Horminum pyrenaicum</i>	Dragonmouth	Ossoue valley
<i>Lamiastrum galeobdolon</i>	Yellow Archangel	Frequent, woods
<i>Lamium album</i>	White Dead-nettle	Occasional, waste places
<i>L. maculatum</i>	Spotted Dead-nettle	Occasional, Gavarnie
<i>L. purpureum</i>	Red Dead-nettle	Occasional, waste places
<i>Ballota nigra</i>	Black Horehound	Gédre
<i>Origanum vulgare</i>	Marjoram	Frequent, grassy places
<i>Prunella grandiflora</i>	Large Self-heal	Occasional, Gavarnie
<i>P. laciniata</i>	Cut-leaved Self-heal	Occasional, Ossoue valley etc
<i>P. vulgaris</i>	Self-heal	Frequent
<i>Salvia verbenaca</i>	Wild Clary	Gédre
<i>Scutellaria alpina</i>	Alpine Skullcap	Rare, rocks, Port de Boucharo
<i>Sideritis hyssopifolia</i>	Sideritis	Frequent
<i>Stachys alopecurus</i>	Yellow Betony	Occasional, Gavarnie, Ossoue V
<i>S. alpina</i>	Alpine Woundwort	Rocky wood, Ossoue valley
<i>S. officinalis</i>	Betony	Occasional, grassland
<i>S. recta</i>	Yellow Woundwort	Frequent, rough ground
<i>S. sylvatica</i>	Hedge Woundwort	Frequent, shady places
<i>Teucrium chamaedrys</i>	Wall Germander	Frequent, rocks
<i>T. pyrenaicum</i>	Pyrenean Germander	Common, screes, endemic

Scientific name	Common name	Location
<i>T. scorodonia</i>	Wood Sage	Common, woods
<i>Thymus praecox</i> ssp <i>polytrichus</i>	Wild Thyme	Frequent
SOLANACEAE		
<i>Solanum dulcamara</i>	Bittersweet	Occasional
SCROPHULARACEAE		
<i>Bartsia alpina</i>	Alpine Bartsia	Occasional, Ossoue valley
<i>Cymbalaria muralis</i>	Ivy-leaved Toadflax	Frequent, walls
<i>Digitalis purpurea</i>	Foxglove	Frequent
<i>Erinus alpinus</i>	Fairy Foxglove	Frequent, damp rocks
<i>Linaria alpina</i>	Alpine Toadflax	Rocks, Port de Boucharo etc
<i>L. supina</i>	Dwarf Toadflax	Rare, scree, Gavarnie
<i>Chaenorhinum minus</i>	Small Toadflax	Occasional
<i>C. organifolium</i>	Pyrenean Toadflax	Gavarnie
<i>Melampyrum pratense</i>	Common Cow-wheat	Occasional, woods
<i>M. sylvaticum</i>	Small Cow-wheat	Gavarnie
<i>Pedicularis foliosa</i>	Leafy Lousewort	Streamsides, Lac des Gloriettes
<i>P. pyrenaica</i>	Pyrenean Lousewort	Meadow, Lac des Gloriettes
<i>P. sylvatica</i>	Common Lousewort	Lac de Gaube
<i>Rhinanthus minor</i>	Yellow Rattle	Abundant, meadows
<i>Scrophularia alpestris</i>	Pyrenean Figwort	Occasional, Gavarnie etc
<i>S. canina</i>	French Figwort	Occasional, Gavarnie, Ossoue v
<i>S. nodosa</i>	Common Figwort	Ossoue valley
<i>Verbascum nigrum</i>	Dark Mullein	Occasional, Gavarnie
<i>V. phlomoides</i>	Orange Mullein	Ossoue valley
<i>Veronica aphylla</i>	Leafless-stemmed Speedwell	Turf, Lac des Gloriettes
<i>V. becca-bunga</i>	Brooklime	Occasional, streams,
<i>V. bellidoides</i>	Violet Speedwell	Ossoue valley
<i>V. chamaedrys</i>	Bird's-eye Speedwell	Frequent, grassland
<i>V. fruticans</i>	Rock Speedwell	Rocks, Ossoue valley
<i>V. fruticulosa</i>	Shrubby Speedwell	Ossoue valley
<i>V. officinalis</i>	Heath Speedwell	Occasional
<i>V. ponae</i>	Spiked Pyrenean Speedwell	Frequent
<i>V. serpyllifolia</i>	Thyme-leaved Speedwell	Frequent, grassland
GLOBULACEAE		

Scientific name	Common name	Location
<i>Globularia nudicaulis</i>	Leafless Globularia	Occasional, Lac des Gloriettes
<i>G. repens</i> (over)	Creeping Globularia	Rocks, endemic, Gavarnie
GESNERIACEAE		
<i>Ramonda myconi</i>	Ramonda (endemic)	Shady rocks, Gavarnie, Ossoue
OROBANCHACEAE		
<i>Orobanche alba</i>	Thyme Broomrape	Occasional, Ossoue valley etc
<i>O. teucarii</i>	Germander Broomrape	Ossoue valley
LENTIBULARIACEAE		
<i>Pinguicula grandiflora</i>	Large Butterwort	Frequent, wet areas
<i>P. longifolia</i>	Long-leaved Butterwort	Damp cliffs, Cirque de Gavarnie
<i>P. vulgaris</i>	Common Butterwort	Wet flushes, Lac de Gaube etc
PLANTAGINACEAE		
<i>Plantago alpina</i>	Alpine Plantain	Frequent, alpine turf
<i>P. lanceolata</i>	Ribwort Plantain	Common
<i>P. media</i>	Hoary Plantain	Frequent
<i>P. major</i>	Great Plantain	Occasional
CAPRIFOLIACEAE		
<i>Lonicera periclymenum</i>	Common Honeysuckle	Occasional, lower valleys
<i>L. pyrenaica</i>	Pyrenean Honeysuckle	Common, endemic
<i>Sambucus nigra</i>	Common Elder	Frequent, woods
<i>S. racemosa</i>	Alpine Elder	Occasional, mountain scrub
<i>S. ebulus</i>	Dwarf Elder	Lower valleys
<i>Viburnum lantana</i>	Wayfaring Tree	Occasional
<i>V. opulus</i>	Guelder Rose	Occasional
VALERIANACEAE		
<i>Centranthus ruber</i>	Red Valerian	Occasional, walls
<i>Valeriana globularifolia</i>	Globularia-leaved Valerian	Frequent
<i>V. pyrenaica</i>	Pyrenean Valerian	Pont d'Espagne, endemic

Scientific name	Common name	Location
<i>V. tripteris</i>	Three-leaved Valerian	Woods, Gavarnie
DIPSACACEAE		
<i>Knautia dipsacifolia</i>	Wood Scabious	Frequent, shady places
<i>Scabiosa columbaria</i>	Small Scabious	Frequent, grassland
<i>Succisa pratensis</i> (leaves)	Devil's-bit Scabious	Occasional, damp meadows
CAMPANULACEAE		
<i>Campanula glomerata</i>	Clustered Bellflower	Frequent, grassland
<i>C. rotundifolia</i>	Harebell	Common, rocks
<i>C. trachelium</i>	Nettle-leaved Bellflower	Occasional, shady places
<i>C. latifolia</i>	Giant Bellflower	Gédre
<i>Jasione montana</i>	Sheep's-bit Scabious	Common, Pont d'Espagne
<i>Phyteuma hemisphericum</i>	Globe-headed Rampion	Occasional, Lac des Gloriettes
<i>P. orbiculare</i>	Round-headed Rampion	Common, grassland
<i>P. spicatum</i>	Spiked Rampion	Woods
<i>P. pyrenaica</i>		Endemic, Lac des Gloriettes
COMPOSITAE		
<i>Achillea millefolium</i>	Yarrow	Common
<i>Adenostyles alliariae</i> ssp <i>hybrida</i>	Adenostyles	Streamsides
<i>Antennaria dioica</i>	Mountain Everlasting	Frequent, Lac des Gloriettes etc
<i>Arctium minus</i>	Lesser Burdock	Occasional, Ossoue valley
<i>Arnica montana</i>	Arnica	Occasional, Lac des Gloriettes etc
<i>Aster alpinus</i>	Alpine Aster	Occasional, Ossoue valley
<i>Bellis perennis</i>	Daisy	Common
<i>Carduus carlinoides</i>	Pyrenean Thistle	Common
<i>C. nutans</i>	Musk Thistle	Occasional
<i>C. personata</i>	Great Marsh Thistle	Damp area, Lac de Gaube
<i>C. nigrescens</i>	Dark Thistle	Frequent
<i>Carlina acanthifolia</i> (leaves)	Acanthus-leaved Thistle	Lac des Gloriettes
<i>Centaurea nigra</i>	Knapweed	Frequent
<i>C. scabiosa</i>	Greater Knapweed	Occasional, Gavarnie
<i>Echinops sphaerocephalus</i>	Globe Thistle	Gédre
<i>Cicerbita alpina</i>	Alpine Sow-thistle	Rare, screes, Pont d'Espagne
<i>Cichorium intybus</i>	Chicory	Occasional, roadsides
<i>Cirsium eriophorum</i> (leaves)	Woolly Thistle	Frequent

Scientific name	Common name	Location
<i>C. dissectum</i>	Meadow Thistle	Rare, Pont d'Espagne
<i>C. helenoides</i>	Melancholy Thistle	Occasional, damp meadows
<i>C. palustre</i>	Marsh Thistle	Occasional, streamsides
<i>C. rivulare</i>	Brook Thistle	Damp places, Pont d'Espagne
<i>C. vulgare</i>	Spear Thistle	Occasional, waste places
<i>C. acaule</i> (leaves)	Stemless Thistle	Lac des Gloriettes
<i>Crepis paludosa</i>	Marsh Hawk's-beard	Damp places, Heas valley
<i>C. pygmaea</i>	Pygmy Hawk's-beard	Scree, Port de Boucharo
<i>Picris echioides</i>	Bristly Ox-tongue	Gédre
<i>Lactuca perennis</i>	Blue Lettuce	Ossoue valley
<i>Lactuca virosa</i>	Great Lettuce	Gédre
<i>Prenanthes purpurea</i> (in bud)	Purple Lettuce	Frequent
<i>Erigeron alpinus</i>	Alpine Fleabane	Stony places, Ossoue valley
<i>Hieracium pillosella</i>	Mouse-ear Hawkweed	Frequent, grassy places
<i>Homogyne alpina</i>	Alpine Colt's-foot	Alpine turf, Lac de Gaube
<i>Leucanthemum vulgare</i>	Ox-eye Daisy	Common
<i>L. corymbosum</i>		Frequent
<i>Leucanthemopsis alpina</i>	Alpine Mayweed	Port de Boucharo
<i>Doronicum austriacum</i>	Austrian Leopard's-bane	Ossoue valley
<i>Matricaria matricariodes</i>	Pineapple-weed	Occasional
<i>Leontopodium alpinum</i>	Edelweiss	Gavarnie
<i>Senecio adonidifolius</i>	an attractive yellow Ragwort	Lac de Gaube etc
<i>S. jacobea</i>	Common Ragwort	Occasional
<i>S. vulgaris</i>	Common Groundsel	Occasional, waste places
<i>S. doronicum</i>	Chamois Ragwort	Gavarnie
<i>Solidago virgaurea</i>	Goldenrod	Pont d'Espagne
<i>Tragopogon pratensis</i>	Goat's-beard	Frequent, grassland
<i>Tussilago farfara</i> (leaves)	Colt'sfoot	Frequent, streamsides
LILACEAE		
<i>Allium schoenoprasum</i>	Chives	Lac des Gloriettes, Ossoue v
<i>A. victorialis</i>	Alpine Leek	Pont d'Espagne
<i>A. vineale</i>	Crow Garlic	Frequent, grassland
<i>A. sphaerocephalon</i>	Round-headed Leek	Ossoue valley
<i>Anthericum liliago</i>	St Bernard's Lily	Common, rocky places
<i>Asphodelus albus</i> (over)	White Asphodel	Common
<i>Convallaria majus</i> (leaves)	Lily of the Valley	Occasional, woods
<i>Hyacinthus amethystinus</i>	Pyrenean Hyacinth	Frequent, meadows, endemic
<i>Lilium martagon</i>	Martagon Lily	Lac des Gloriettes etc

Scientific name	Common name	Location
<i>Paris quadrifolia</i>	Herb Paris	Occasional, woods, rocks
<i>Scilla liliohyacinthus</i>	Pyrenean Squill	Leaves only, woods, endemic
<i>Tofieldia calyculata</i>	Tofield's Asphodel	Wet flushes, Lac des Gloriettes
<i>Veratrum album</i>	False White Helleborine	Alpine pasture, Ossoue valley
DIOSCOREACEAE		
<i>Tamus communis</i>	Black Bryony	Occasional
IRIDACEAE		
<i>Iris latifolia</i>	English Iris	Frequent, pastures
SPARGANIACEAE		
<i>Sparganium angustifolium</i>	Floating Bur-reed	Pools, Troumouse
JUNCACEAE		
<i>Juncus articulatus</i>	Jointed Rush	Occasional, Lac de Gaube
<i>J. effusus</i>	Soft Rush	Occasional, Lac de Gaube
<i>J. filliformis</i>	Thread Rush	Pools, Toumouse
<i>Luzula spicata</i>	Spiked Wood-rush	Woods, Pont d'Espagne
<i>L. pilosa</i>	Hairy Woodrush	Lac des Gloriettes
<i>L. sylvatica</i>	Great Woodrush	Lac des Gloriettes
CYPERACEAE		
<i>Eriophorum angustifolium</i>	Common Cotton-grass	Occasional, bogs
<i>Carex echinata</i>	Star Sedge	Frequent, bogs etc
<i>C. caryophyllea</i>	Spring Sedge	Turf, Gavarnie
<i>C. atrata</i>	Jet Sedge	Damp rocks, Gavarnie
<i>C. demissa</i>	Common Yellow Sedge	Occasional, Pont d'Espagne
<i>C. flacca</i>	Glaucous Sedge	Frequent, grassland
<i>C. lepidocarpa</i>	Long-stalked Yellow Sedge	Rare, Lac des Gloriettes
<i>C. nigra</i>	Common Sedge	Occasional, Lac de Gaube
<i>C. pallescens</i>	Pale Sedge	Occasional, Pont d'Espagne
<i>C. panacea</i>	Carnation Sedge	Occasional, Lac de Gaube
<i>C. serotina</i>	Small Yellow Sedge	Occasional, Lac des Gloriettes
<i>C. sylvatica</i>	Wood Sedge	Frequent, woods

Scientific name	Common name	Location
<i>C. hostiana</i>	Tawny Sedge	Lac des Gloriettes
<i>C. divulsa</i>	Grey Sedge	Ossoue valley
<i>C. rostrata</i>	Bottle Sedge	Pools, Troumouse
<i>C. ovalis</i>	Oval Sedge	Lac de Gaube
<i>C. disticha</i>	Brown Sedge	Lac des Gloriettes
<i>C. spicata</i>	Spiked Sedge	Ossoue valley
POACEAE		
<i>Aira caryophylla</i>	Silver Hair Grass	Lac des Gloriettes
<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass	Frequent, meadows
<i>Arrhenatherum elatius</i>	False Oat-grass	Frequent, waste places
<i>Brachypodium pinnatum</i>	Tor Grass	Occasional, Lac des Gloriettes
<i>Briza media</i>	Common Quaking Grass	Frequent, meadows
<i>Cynosurus cristatus</i>	Crested Dog's-tail	Occasional
<i>Dactylis glomerata</i>	Cock's-foot Grass	Frequent, meadows
<i>Festuca rubra</i>	Red Fescue	Occasional, Lac de Gaube
<i>F. ovina</i>	Sheep's Fescue	Common
<i>F. pratensis</i>	Meadow Fescue	Frequent
<i>Vulpia bromoidea</i>	Squirrel-tail Fescue	Ossoue valley
<i>Koeleria macrantha</i>	Crested Hair Grass	Lac des Gloriettes
<i>Holcus lanatus</i>	Yorkshire Fog	Frequent, meadows
<i>Hordeum murinum</i>	Wall Barley	Occasional, waste places
<i>Helictotrichon versicolor</i>	Variiegated Oat	Rocky areas, Gavarnie etc
<i>Deschampsia media</i>	Mountain Tufted hair Grass	Frequent
<i>Lolium perenne</i>	Perennial Rye-grass	Frequent, meadows
<i>Bromus sterilis</i>	Barren Brome	Gédre
<i>Glyceria fluitans</i>	Common Flote Grass	Pont d'Espagne
<i>Melica uniflora</i>	Wood Melick	Frequent, woods
<i>M. nutans</i>	Mountain Melick	Occasional, rocky woods
<i>M. ciliata</i>	Ciliate Melick	Gédre
<i>Nardus stricta</i>	Mat Grass	Frequent, acid pasture
<i>Phleum alpinum</i>	Alpine Cat's-tail	Mountain grassland
<i>P. bertolonii</i>	Small Timothy	Frequent, meadows
<i>Poa alpina</i>	Alpine Meadow-grass	Mountain grassland
<i>P. annua</i>	Annual Meadow-grass	Frequent, waste places
<i>P. nemoralis</i>	Wood Meadow-grass	Frequent, woods
<i>P. trivialis</i>	Rough Meadow-grass	Frequent, meadows, woods
<i>Sesleria albicans</i>	Blue Moor Grass	Frequent, limestone turf

Scientific name	Common name	Location
ORCHIDACEAE		
Anacamptis pyramidalis	Pyramidal Orchid	Occasional, Ossoue valley
Dactylorhiza majalis ssp alpina	Alpine Marsh Orchid	Frequent, damp meadows
D. fuchsii	Common Spotted Orchid	Occasional, Gavarnie
D. maculata	Heath Spotted Orchid	Frequent, grassland
Epipactis helleborine	Broad-leaved Helleborine	In bud, Gavarnie
E. atrorubens	Dark Red Helleborine	Frequent, scress etc
Gymnadenia conopsea	Fragrant Orchid	Frequent, grassland
G. conopsea ssp densiflora	Marsh Fragrant Orchid	Lac de Gaube
Nigritella nigra	Vanilla Orchid	Occasional, Gavarnie etc
Orchis ustulata	Burnt-tip Orchid	Occasional, Lac des Gloriettes
Platanthera chlorantha	Greater Butterfly Orchid	Frequent, scrub
Orchis morio (seedheads)	Green-winged Orchid	Lac des Gloriettes

Nomenclature according to Flora Europaea (2nd edition). Endemic means restricted in distribution to the Pyrenees.

Moths (day flying)

FORESTER MOTH – *Adscita statices*
SCARCE FORESTER MOTH – *Jordanita globulariae*
6 SPOT BURNET MOTH – *Zygaena filipendulae*
5 SPOT BURNET MOTH - *Zygaena trifolii*
TRANSPARENT BURNET - *Zygaena purpuralis*
GROUND LACKEY - *Malacosoma castrensia* (larva also)
EMPEROR MOTH – *Saturnia pavonia* (larva also)
SMALL EMERALD – *Hemistola chrysoprasaria*
SUB-ANGLED WAVE – *Scopula nigropunctata*
BRIGHT WAVE – *Idaea ochrata cantata*
WEAVER'S WAVE – *Idaea contiguaria*
SILVER-GROUND CARPET – *Xanthorhoe montanata*
SHADED BROAD BAR – *Scotopteryx chenopodiata*
NORTHERN SPINACH – *Eulithus populata*
PURPLE TREBLE BAR – *Aplocera praeformata*
CHIMNEY SWEEPER MOTH – *Odezia atrata*
WELSH WAVE – *Venusia cambrica*
COMMON HEATH – *Ematurga atomaria unicoloraria*
BLACK-VEINED MOTH – *Siona lineate*
An alpine moth – *Psodos quadrifaria*
NARROW6BORDERED BEE HAWK MOTH – *Hemaris tityus*
HUMMING-BIRD HAWK MOTH – *Macroglossum stellatarum*
DEW MOTH – *Setina irrorella*
COMMON FOOTMAN MOTH – *Eilema lurideola*
CLOUDED BUFF – *Diacrisia sannio*
STRIPED WAINSCOT – *Mythimna pudorina*
SILVER Y – *Autographa gamma*
BURNET COMPANION – *Euclidia glyphica*

Micro moths

CRAMBUS PERLELLA - *Cynaeda dentalis*
PSAMMOTIS PULVERALIS - *Udea prunalis*

Other invertebrates

STAG BEETLE – *Lucanus cervus*
GREEN TIGER BEETLE – *Cicendula campestris*
BLOODY-NOSED BEETLE – *Timarcha tenebricosa*
SHIELD BUG (JUVENTUS!) – *Graphosoma italicum*
SCORPION FLY sp – *Panorpa sp*
ASCALAPHID – *Libelloides longicornis*
Psophus stridulus – an attractive red flashing Grasshopper
WARTBITER – *Decticus verrucivorus*
GREAT GREEN BUSH CRICKET – *Tettigonia viridissima*
ORB SPIDER – *Araneus ssp*
SLOE SHIELD BUG – *Dolycoris baccarum*
EMERALD DAMSELFLY – *Lestes sponsa*
GOLDEN-RINGED DRAGONFLY – *Cordulegaster boltonii*
EARWIG sp – *Anichura bipunctata*
VELVET ANT sp – *Myrmilla calva*
FAIRY SHRIMP – *Chirocephalus diaphanus*

Mammals

ALPINE MARMOT – *Marmota marmota*
COMMON PIPISTRELLE – *Pipistrellus pipistrellus*
RED SQUIRREL – *Sciurus vulgaris*

Reptiles & amphibians.

WALL LIZARD – *Podarcis muralis*
COMMON FROG – *Rana temporaria*
PYRENEAN BROOK SALAMANDER – *Euproctus asper*