Honeyguide

WILDLIFE HOLIDAYS

36 Thunder Lane, Thorpe St Andrew, Norwich NR7 0PX Tel: 01603 300552 Evenings & weekends Fax: 01603 491586 www.honeyguide.co.uk E-mail: honeyguide@tesco.net



French Pyrenees 19 – 26 June 2004

French Pyrenees 19 – 26 June 2004

Participants

Pam Muirhead Norfolk

Sylvia Audrey Worcestershire

Conrad Plowman North Yorkshire

Margaret Plowman

Peter Robinson London

Sally Seager Surrey

Leaders

Chris and Maureen Gibson Dovercourt, Essex

Illustrations by Rob Hume, except field cricket by Maureen Gibson. Front cover: lammergeier Report written by Chris Gibson.

This holiday, as for every Honeyguide holiday, also puts something into conservation in our host country by way of a contribution to the wildlife that we enjoyed. The conservation contribution this year of £25 per person towards lammergeier protection campaign was supplemented by a contribution from two groups in Dordogne for the 'Refuge LPO' project, leading to a total of £675 given to La Ligue pour la Protection des Oiseaux (LPO, the French Bird Protection League).

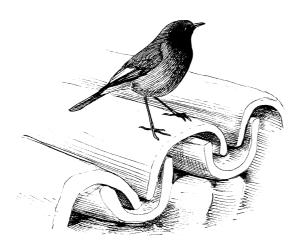
This brings the total given to LPO to £7,600 since 1991, and to various conservation projects in Europe to £33,330. A thank-you letter from LPO and summary translation is at the end of this holiday report.

FRENCH PYRÉNÉES 19 – 26 JUNE 2004

Leaders: Chris and Maureen Gibson

Saturday 19 June - the way there

After successfully gathering the group at Stansted, the flight was a little delayed. Long enough to see the sun becoming obscured by clouds, which stayed with us for the whole flight to Pau Pyrénées. After a rather bumpy landing (we understand it was a learner driver!), we gathered the luggage, loaded the minibus and headed off in murky conditions towards the mountains. I say 'towards' advisedly as they were nowhere to be seen. Buzzards and black kites had been spotted even before we had left the plane, and remained very much in evidence for much of the two-hour drive, at least in the lowlands. And as a welcome to the mountains, over the outskirts of Lourdes there was an impressive stack of 25 griffon vultures, soon to become a familiar sight. Heading ever upwards from there, the kites faded out rapidly, although a few of the stragglers turned out to be red, and we were soon embraced in the verdant lushness of the mountain valleys.



On arrival in Gèdre, and a welcome from our hosts Odile and Philippe, a short walk was in order, despite the gloomy weather and threat of rain. We headed through the village towards the river, and very soon a few griffons started to drift over. As if to kick-start the trip, one of its specialities performed on cue as Maureen spotted a lammergeier over the distant mountainside. And not one but two, circling and wheeling, soon joined by an Egyptian vulture. Also overhead, there were ravens and masses of house martins and swifts, while black redstarts were feeding young around the houses. Always charismatic, one particular bird tackling a big beetle was especially delightful. Down by the bridge, we were treated to two superb dipper flypasts, and a fledgling was seen farther up the river looking rather bedraggled, much to the concern of several of our party.

Most of the meadows around the village had already been cut for hay, but one near the bridge hadn't and gave us a flavour of the botanical splendours which awaited us. Greater yellow-rattle, bird's-foot-trefoil, twayblade, pink kidney-vetch, viper's bugloss, round-headed rampion and ragged-robin, among many other species, gave a real feel of what a meadow should look like, a sight which is now so rare back home. And despite the drizzle, there were a few insects around, including cistus forester and slender scotch burnet, two related day-flying moths, both sitting on flowerheads for all to see. Then walking home Peter noticed a couple of greater butterfly-orchids behind a wire fence, protected from the mowers: always exciting to see, little did we realise how soon we were going to see so many that we would not be giving them much more than a second glance! A few serins were flying noisily around, and a final glance into the ravine below the hotel revealed a showy group of one of the local botanical specialities, a patch of ramonda in full flower.

And so to the first of many delightful meals, and an early night

Sunday 20 June - Barrage and Lac des Gloriettes

Yesterday's murky weather persisted, the result being that the view from the hotel was not as spectacular as it might have been. Cloud was still hanging over the mountain tops, and the dramatic rock cleft, the Brèche de Roland, after which the hotel is named, remained resolutely out of sight (and indeed stayed that way for another few days). But undeterred, we boarded the bus and headed up the Héas valley, stopping *en route* to examine roadside orchids. Despite the clouds, round each bend of the wonderful twisty road, the views became ever more dramatic, and before long we found ourselves at the foot of the Gloriettes dam, high up in the mountains. Here, at our first stop, we needed go no further than the immediate surroundings of the parking area to get a wonderful taster of the montane flora. The slopes in places were crimson from the alpenrose, a low-growing rhododendron, in prolific bloom, and by searching between the bushes and the rocks, we started to amass a considerable list of plants – broad-leaved marsh-orchid, large-flowered butterwort, globe-flower, alpine lady's-mantle, mountain everlasting, swallow-wort....the list goes on. Several large common frogs were disturbed from the boggy ground, while a yellowhammer, a few griffon vultures and a couple of lammergeiers provided the bird interest.

Moving up the road a little way on foot, we started to examine the verges, seemingly turning up new plants at every pace. There was livelong saxifrage, columbine, narcissus-flowered anemone, wood crane's-bill, mountain avens, and a clutch more of orchids – greater butterfly, fragrant, burnt-tip, common twayblade, and best of all, several spikes of the elusive black vanilla orchid. By now, the sun was trying to break through and insects were perking up: the very first butterfly proved most interesting, a mountain dappled white posing well so that we could make out its subtly different forewing pattern to distinguish it from its lowland relatives.

Then it was still further uphill, to the incredibly busy car park by the dam. Busy it may have been, but it was a convenient spot to explore the first of our voluminous packed lunches, perching on rocks covered in forking spleenwort, rock currant and chamois ragwort.

After refuelling, we were off again, across the dam, and around the reservoir. The views were tremendous, with distant peaks reflected in the still waters, and the pastures around us were teeming with insects. Butterflies included Piedmont ringlet, grizzled skipper, black-veined white, and Adonis and mazarine blues. Alpine marmots were calling from all around the valley, several giving good views perched atop their rocks, or grazing around their bases; common wall lizards were basking in the occasional sun patches, water pipits were displaying everywhere; and overhead, among the scattering of griffons, again a couple of lammergeiers drifted past. The floral displays were simply stunning, a wonderful mix of colours, including sheets of powder-blue Pyrenean hyacinth, white spikes of asphodel, bloody crane's-bill and yellow rock-rose.

Heading back down the valley, we stopped off to check out some of the showy plants, including Welsh poppy and yellow pea, and also stumbled over a basking slow-worm; and we were still back home in time for Peter and Sally to explore the woods and slopes behind the hotel, and return with tales of red squirrel and bee orchid. After dinner, another walk around the village and down through the woods produced lots of pipistrelle bats, especially by the dipper bridge.

Monday 21 June - Gavarnie

Despite a cold dawn, the pre-breakfast walkers turned up a lovely male red backed shrike behind the hotel, perching on Bob's luge run. Our departure was delayed a little as a result of a slice of local life – the postmistress clearly does not expect customers so early – but those waiting by the bus were treated to a short-toed eagle quartering the hillside.

Soon we were off and up again, this time to Gavarnie, one of the high mountain human honeypots of the region. Despite the crowds, only a short way out of the town, new and exciting wildlife appeared. Dippers and grey wagtails were feeding in the river next to the car park. Several clouded apollos were feeding drowsily (the sun was barely up) by the track, and the meadows were a riot of colour with greater yellow rattle, clovers and vetches, ox-eye daisy, scabious, buttercups and dusky crane's-bill, together with some lovely displays of the large-flowered *Viola cornuta*. On the first big rock, bold pink splashes of fairy foxglove were lovely sight.

We continued up the river, past crosswort, Pyrenean valerian, wood scabious and spotted dead-nettle, the natural delights only slightly marred by the troops of trippers heading towards the looming Cirque de Gavarnie. From any angle and distance the cirque is impressive: vertical walls of rock, several hundred metres high, with snowbeds, small glaciers, and melt-water waterfalls – simply incredible scenery. Birds were relatively sparse, with just a few griffons, a couple of common buzzards, and a short-toed eagle which drifted low down the valley, straight over us.

Continuing our walk, we paused to explore a small meadow full of broad-leaved marsh-orchids, ringing with the song of blackcaps, before entering an area of typically shady beech wood. Much of the woodland flora was over, as evidenced by the carpets of Spanish bluebell and hepatica leaves, though wood spurge and bugle were still in bloom. Once through the woods, again the vistas opened, as we came to a broad valley, a jolly good place to sit for lunch and to contemplate the majesty of the cirque and the billowing wafts of pine pollen blowing down the valley. A short exploration of the valley bottom revealed more black vanilla orchids, as well as several frog orchids, Pyrenean lousewort and alpine bistort, and a tree pipit performing well from the top of an isolated tree. But all too soon it was time to potter back to the frenzy of retail therapy in Gavarnie, a bustle of people and squeaking marmots in every shop!

A brief stop on the way back produced several sword-leaved helleborines, alongside some rather less showy violet helleborines, and the best butterflies of the trip so far, including chequered skipper, wood white, Escher's blue and large wall brown, and large numbers of chimney-sweeper moths flopping around the woodland ride.

1

By evening, it had warmed up, so we planned to hold our daily planning and review meeting outside on the patio, as hummingbird hawk-moths nectared at the hanging baskets and yet another lammergeier drifted over. But then the rain began, curtailing our plans; back indoors for the rest of the meeting and dinner, before the group divided, some to the TV room for football (it *was* Euro 2004), the rest back to the bats, although poorer than last night, presumably as the stiffening breeze was stopping insects from flying.

Tuesday 22 June – Col de Tentes & Vallée d'Ossoue

Today's trip took us to some of the highest places it is possible to drive in this part of the Pyrenees, reaching 2208m at the Col de Tentes. But we took our time getting there, stopping at will on the quiet mountain roads to spot what we could. Marmots, alpine choughs, wheatears, water pipits, vultures, and pink patches of Pyrenean thistles made for a useful distraction from the hairpin bends for those more nervous passengers!

Moving up to the plateau, flowers were more in evidence, and included spring gentians in electricblue patches, sheets of white Pyrenean buttercup, and alpine speedwell. Then it was up to the end of the road, at the Col, only some 1500 metres from the Spanish border at the Port de Boucharo. Dragging ourselves away from the stunning high mountain scenery, a short wander on to the grassy pastures and snow-beds revealed some wonderful displays of spring and trumpet gentians (right), some of the latter in pink rather than the usual vivid blue. Other botanical gems included pinkspangled cushions of moss campion, two pink Primulas - hirsuta and integrifolia, pink rockjasmine, Pyrenean violet, ashy crane's-bill and the remarkable dwarf buckthorn, a shrub almost fused with vertical rock faces. To complement this spectacle, wheatears were displaying, the melt-water pools were full of frogspawn and common frogs, and a weasel was watched foraging in the roadside rubble.



Descending from the highest ground, Sally spotted a patch of the elusive snowbells, so necessitating another short stop, before we went still lower for lunch. We settled upon a rocky valley and tumbling stream, a lovely tranquil area to eat, the silence broken only by cattle and calling marmots. One of the latter was a real showman, feeding and basking at very close range in the valley bottom, while an immature golden eagle flew along the mountain crests, almost in the descending clouds.

And then it was down still further, and into the Vallée d'Ossoue. On entering the valley, a large rock by the bridge demanded our attention, as it was dripping in Pyrenean saxifrage (though not in flower, and seemingly not likely to be this year from the small size of the rosettes) and ramonda. The neighbouring slopes were wonderful in their diversity of flowers and their abundance of butterflies and other insects, including hummingbird hawk-moth, swallowtail black-veined moth, brimstone and apollo, while drinking in a pool on the road, there were literally hundreds of small blues, along with heath and false heath fritillaries.

Up the valley, it was very warm out of the wind, which really brought the insects out. Most notably, there were dozens of ascalaphids, ant-lion relatives, zipping around the slopes. A male rock bunting showed well in a small quarry, while overhead an adult lammergeier swooped in from a considerable height and entered its nest cave on the distant rock face, while a golden eagle (again an adult) quartered the tops. Further on, the vista opened out into a wide U-shaped valley, with vast mountains encompassing a series of grassy and marshy habitats, liberally peppered with the purple spikes of thousands of broad-leaved marsh-orchids.

By now, time was pressing and so we drove slowly back down the magnificent valley. The road *was* rather narrow, the drop steep and deep, and the intransigence of an oncoming driver merited the 'universal gesture of disdain' produced by one of our party...! Back home, the clouds were still building, and humidity rising, but the hoped-for storm never materialised; a sparrowhawk shot across the valley during our meeting, emphasising the

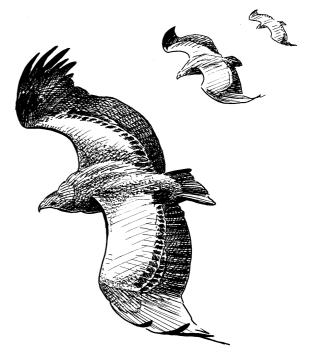
rule never to take one's binoculars off in a place like this. And to round the day off nicely, we had a visitor, Philippe Serre, leader of the LPO lammergeier project. He gave us an entertaining and informative talk about his work, and the successes of the project, before I gave him a cheque – the contributions from the party to local conservation efforts - bringing the total given to LPO from Honeyguide since 1991 to some £7600, a not-inconsiderable sum.

Wednesday 23 June - Barèges, Col du Tourmalet & Vallée de la Glère

The morning dawned a little more promising, with some big clear patches in the skies, even if there was still a shroud of cloud around the Brèche. First stop was in Barèges, in the market place, where it was market day. So we headed for the delights of fresh fruit and mountain honey, while also taking the opportunity to catch up with crag martins (surprisingly scarce in these parts), with at least two nests on the cinema.

And so we hit the road again, continuing up on ever-more-winding roads, and through ever-more-primeval landscape, until we reached the top - the Col de Tourmalet – at 2115m, the second highest point we reached during the week. By now the cloud had largely dissipated, and the crowds were out, including an impressive number of cyclists who had clearly toiled hard to reach that point. Even so, the main object of our visit was there as soon as we got out – snowfinches. Not one but several; not distant but scratching around for crumbs in the car park. And feeding round snow beds, display flighting overhead, and breeding in the supports of the ski lifts. A short, steep wander brought us to the nearby crest, and lovely patches of pink rock-jasmine and rock campion, a male rock thrush, several griffon vultures, wonderful views, which were periodically obscured by the drifting clouds, and the bizarre sight of llamas grazing the mountain pastures. A Queen of Spain fritillary showed its silvery hindwing patches to a select few, and bulbous corydalis was bursting into flower from one particular melting snow-bed.

For lunch, we descended half way to the valley floor, trying to avoid what looked like threatening clouds, and we were treated to a magnificent fly-past of griffons, a large party of red-billed choughs, and several extremely smart male wheatears. Back then towards Barèges, we headed into the Vallée de la Glère, and its picnic sites in the lovely beech and pine woodland. Woodruff was in full flower, along with lesser wintergreen, and there were certainly plenty of birds around, even if they were rather elusive. Crested tit, firecrest, great spotted woodpecker, short-toed treecreeper and nuthatch - all were there but giving only the most brief of views as they moved around the tree canopy. Then out into the open valley, there were patches of heather, with sheep's-bit flowering profusely, and several broad-bodied chaser dragonflies around the small ponds. Males and females, feeding, mating, egg laying - they really put on a show, as if to distract us from the rather less pleasant sight of large leeches swimming through the clear water. And after a full, increasingly hot day, an ice-cream courtesy of Chez Louisette was most welcome.



As we parked back at the hotel, a short-toed eagle flew over, hovered over the hillside, before plunging to ground. Immediately it was harried by a crow, but its efforts were successful, as it rose into the air carrying a snake in its talons, before transferring to its beak in flight and drifting away. Sometimes the best wildlife experiences take no effort at all!

Thursday 24 June – Pont and Plateau de Saugué & Vallée de Bué

Overnight, a large flock of sheep was driven through village, no doubt heading for the high summer pastures. In fact, it could all have been a rather noisy dream, had it not been for the ample evidence deposited on the road. The day dawned murkier than ever, but undeterred, we headed on a minor road out of Gèdre, climbing steeply through the most wonderful flowery meadows, with pyramidal orchids, scarce swallowtail and the incessant, almost deafening, song of field crickets, onto the Plateau de Saugué.

As we reached the top, the cloud parted very briefly for a quick view of Gavarnie from above, but for much of the morning we were in the cloud. Not that it really affected our enjoyment of the stupendous flora on the small area of limestone pavement: masses of hoary rock-rose, Montpelier milk-vetch, some lovely patches of alpine aster and several frog orchids produced a visual display which would have knocked any rock garden into a cocked hat. Yellowhammer, short-toed lark (bizarrely out of its usual lowland habitat) and quail were all heard from the cloud and several normal elusive insects were found crossing the track, including field cricket, oil beetle and a female glow-worm.

Back down to the bridge, it remained cool and overcast, so the hoped-for masses of butterflies simply did not materialise, although a rather torpid heath fritillary gave everyone the chance to examine its intricate patterning. Plants on the boggy roadside included cotton-grass, Tofield's asphodel, butterworts and all the usual orchids, while despite the poor visibility we were able to watch a dipper family going about its business. After that, on the way down, we simply had to make a couple of stops, first for a very obliging apollo, and then at a super clump of pyramidal orchids, a site which also produced a singing Bonelli's warbler.

For the final destination of the day, we retraced our steps to the valley of Bué, and progressed up through the woodland – part deciduous, part open conifer plantation. There were Welsh poppies, Pyrenean valerian, wood saxifrage, yellow pea, wild strawberry, leafy lousewort and woodruff growing by the track; with a magnificent display of flowering ramonda on one rock face. Then suddenly an unfamiliar call (to me) – it was a black woodpecker, and it was coming closer. In the event, at least Conrad and Maureen managed to see it moving through the trees, a rare glimpse of an elusive bird.

Because the weather had been unhelpful, we ended up returning to the hotel in mid-afternoon, upon which several of the group decamped to the village bar for ice creams and *frites*, before an unscheduled local walk, up the road to Gèdre-dessus, and back down the squirrel trail. No sign of the squirrel, but the bee orchid was relocated, and we also found Pyrenean sage and a number of more Mediterranean plants, like *Euphorbia characias*, on the south-facing, sun-baked cliffs, while a young lammergeier struggled up the valley, before taking refuge (presumably for the night) on a distant crag.

No thoughts of bats tonight: it was England's quarter-final match against Portugal in Euro 2004. Yes, *that* match – full time, extra time, penalties, sudden-death penalties – it went on late into the night. We all knew we had places to be and things to see in the morning, but we couldn't possibly leave the match, could we?

Friday 25 June – Cirque de Troumouse

In an interesting turn of events, we woke up to no water in the hotel, nor indeed anywhere in the village. It later transpired that a farmer had ploughed through the supply pipe at Saugué. But the show must go on, and breakfast was served almost as normal. Then as we were boarding the minibus, a rustling in the branches overhead revealed a red squirrel (a rather dark individual) watching us watching it.

For the first time, the sun was really shining as we headed out, and the mountain tops were free of cloud. We again headed up the Héas valley, right up to the Cirque de Troumouse, if anything even more visually spectacular than anywhere else we had been during the week. Half way up, we stopped near the café, and watched both alpine and red-billed choughs feeding among the cattle. Water pipits were singing in every direction, wheatears and marmots their constant associates, and a few griffons sailed overhead.

But this was only the halfway point, so up we went again (with the minibus engine beginning to struggle) to the top car park, surrounded on three sides by the walls of the vast cirque, a dramatic curtain of rock and snow around more than half of our horizon. We walked on towards the cirque, still about 4 kilometres away. Garland flower was abundant in patches, scenting the air beautifully, and in the lee of various boulders, we found mezereon, a close relative, its flowers seemingly irresistible to insects. On the boulders, there were several species of saxifrage and yellow-flowered *Viola biflora*, while we almost literally stumbled over a water pipit nest with eggs, under a small overhang right in the middle of the path. In the middle distance, a herd of izard (the local chamois) fled from the valley onto the safety of the snow patches.

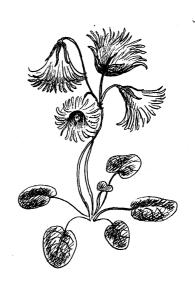
By now, our stomachs were declaring lunchtime, so we stopped overlooking the tarn, and tucked in. A serendipitous choice of picnic sites, as a nearby boggy area was covered in snowbells (*pictured*, *overleaf*), the slopes had purple colt's-foot, and the rocks, a few, late, flowering cushions of purple mountain saxifrage.

Our appetites for food and wildlife fully served, we headed back, stopping for a welcome drink at the 'halfway house'. A final stop by the lower river, near the hamlet of Héas, was another hotspot, heaving with butterflies. Blues, skippers and fritillaries were everywhere; green hairstreak and speckled wood found their way onto our trip list, a lovely reminder of the delights of the area – as it was described on a previous Honeyguide trip 'myriads of myriads'. And yet still there were surprises to come: on the drive back, a long-tailed, cat-like mammal crossing the road was a genet. Common enough hereabouts, but normally nocturnal, we suspected it may have been hunting for baby marmots, to judge from the consternation it was creating in the ranks.

And so to our final dinner – as Odile said 'En français, une surprise!'. Out came the hot bricks, then the raw steak, and over to us to cook it as we preferred. A lovely end to a wonderful week, one which in spite of the weather had provided us all with a wealth of wildlife experiences.

Saturday 26 June - homeward bound...

Typically, as we loaded our bags into the bus, the weather was perfect: clear blue skies and hot sunshine. In fact, there were several comments to the effect that we were lucky it had not been like that earlier in the week, or we would have been flagging. But however much we would have liked to have stayed, Ryanair waits for no-one; a red squirrel on the road, griffons down to Lourdes, kites beyond provided the wildlife accompaniment, and all too soon we were back on the tarmac at Stansted.



LISTS

KEY TO LOCALITIES

In the lists below, localities are not generally given, unless the species was seen at only one or two sites (and it is the sort of species someone may wish to seek out in the future).

Ge – Gèdre

Gl - Barrage and Lac des Gloriettes

Ga – Cirque de Gavarnie

Te – Col de Tentes

O – Vallée d'Ossoue

Gle – Vallée de la Glère

To – Col du Tourmalet

S – Pont and Plateau de Saugué

B - Vallée de Bué

Tr – Cirque de Troumouse (including Héas valley)

J – Journeys, Pau to Gèdre

FLOWERING PLANTS

(Incomplete – a number of widespread and familiar species are omitted)

Dicotyledons

Aceraceae		
Acer campestre	Field maple	
A. pseudoplatanus	Sycamore	
Apiaceae		
Angelica razulii		Gl
A. sylvestris	Wild angelica	
Chaerophyllum aureum	Golden chervil	Ge
Conopodium majus	Pignut	
Eryngium bourgatii	Pyrenean eryngo	
Heracleum sphondylium ssp. pyrenaicum	Hogweed	
Laserpitium siler	Sermountain	
Meum athamanticum	Spignel	Te
Peucedanum ostruthium	Masterwort	Ge
Pimpinella major	Great burnet-saxifrage	Ga
Sanicula europaea	Sanicle	Ga

Asclepiadaceae		
Vincetoxicum hirundinaria	Swallow-wort	
Asteraceae		
Antennaria dioica	Cat's-foot	0.0
Aster alpinus	Alpine aster	O S
Bellis sylvestris Carduus carlinoides	Pyrenean thistle	Те То
C. nutans	Musk thistle	10 10
Carlina acaulis	Stemless carline thistle	
Centaurea jacea	Brown knapweed	
C. montana	Perennial cornflower	Ga
C. scabiosa	Greater knapweed	
Cirsium eroiphorum	Woolly thistle	Cl
Hieracium alpinum agg. H. pilosella	Alpine hawkweed Mouse-eared hawkweed	Gl
Homogyne alpina	Purple colt's-foot	Te Tr
Lactuca perennis	Blue lettuce	Ge Gle
Leucanthemopsis alpina	Alpine moon daisy	Tr
Leucanthemum vulgare	Ox-eye daisy	
Mycelis muralis	Wall lettuce	G
Scorzonera aristata	Bearded viper's-grass	S
Senecio doronicum Solidago virgaurea	Chamois ragwort Golden-rod	Gl
Tanacetum corymbosum	Golden-10d	Ge S
Tragopogon pratensis	Goat's-beard	30 5
Tussilago farfara	Colt's-foot	
Urospermum dalechampii		Ge
Berberidaceae		~-
Berberis vulgaris	Barberry	Gl
Betulaceae	Alder	
Alnus glutinosa Betula pendula	Silver birch	
Boraginaceae	Silver olien	
Echium vulgare	Viper's-bugloss	
Myosotis alpina	Alpine Forget-me-not	Те То
M. sylvatica	Wood forget-me-not	
Pulmonaria longifolia	Long-leaved lungwort	
Brassicaceae	Т	
Arabis turrita Cardamine raphanifolia	Towercress Radish-leaved bittercress	В
Draba aizoides	Yellow whitlow-grass	Ь
Hutchinsia alpina	Chamois cress	Ga Te
Iberis amara	Candytuft	В
Sisymbrium austriacum	Austrian rocket	
S. pyrenaicum		Ga
Buxaceae	Des	
Buxus sempervirens Campanulaceae	Box	
Campanula patula	Spreading bellflower	
Jasione montana	Sheep's-bit	Gle
Phyteuma orbiculare	Round-headed rampion	
P. spicatum	Spiked rampion	Gl Gle
Caprifoliaceae	D 1 11	C 0
Lonicera pyrenaicum Sambucus ebulus	Pyrenean honeysuckle Dwarf elder	Ga O
S. racemosa	Alpine elder	Tr
Caryophyllaceae	rupine elder	11
Arenaria grandiflora		Gl
Cerastium arvense	Field mouse-ear	
Dianthus carthusianorum	Carthusian pink	Ga
D. deltoides	Maiden pink	S Tr
Gyposophila repens	Alpine gypsophila	Gl
Herniaria glabra Lychnis flos-cuculi	Rupturewort Ragged-robin	Gl Ge
Lycnnis jios-cucuii Minuartia verna	Spring sandwort	GC .
Paronychia capitata	~F9 20000 11 01 01 01 01 01 01 01 01 01 01 01	Gl Ga
Scleranthus perennis	Perennial knawel	Gl

Silene acaulis	Moss campion	Te
S. nutans	Nottingham catchfly	
S. rupestris	<i>y</i>	Gl
S. vulgaris	Bladder campion	0.
Stellaria holostea	Greater stitchwort	
Chenopodiaceae	Greater Stitenwort	
Chenopodium bonus-henricus	Good Ving Honry	
	Good King Henry	
Cistaceae	XX/1 : 4 1	
Helianthemum apenninum	White rock-rose	
H. canum	Hoary rock-rose	
H. nummularium	Common rock-rose	
H. nummularium ssp. pyrenaicum		Ge
H. oelandicum	Alpine rock-rose	
Corylaceae		
Corylus avellana	Hazel	
Crassulaceae		
Sedum acre	Biting stonecrop	
S. album	White stonecrop	
S. anglicum	English stonecrop	
S. dasyphyllum	Thick-leaved stonecrop	
S. rupestre	Rock stonecrop	
Sempervivum montanum	Mountain houseleek	
Umbilicus rupestris	Navelwort	
Cuscutaceae	Naverwort	
	Dodder	
Cuscuta epithymum	Doddel	
Dipsacaceae	Pi-14 ti-	
Knautia arvensis	Field scabious	0
K. dipsacifolia	Wood scabious	Ga
Scabiosa columbaria	Small scabious	
Ericaceae		
Arctostaphylos uva-ursi	Bearberry	
Calluna vulgaris	Heather	
Rhododendron ferrugineum	Alpenrose	
Vaccinium myrtillus	Bilberry	
V. vitis-idaea	Cowberry	
Euphorbiaceae	•	
Euphorbia amygdaloides	Wood spurge	Ga
E. characias	Large Mediterranean spurge Ge	
E. cyparissias	Cypress spurge	O
Fabaceae	Cypress sparge	O
Astragalus monspessulanus	Montpelier milk-vetch	
Anthyllis vulneraria	Kidney Vetch	
	3	
sspp. forondae, pyrenaica and vulner		
Hippocrepis comosa	Horseshoe vetch	D
Lathyrus laevigatus	Yellow pea	В
L pratensis	Meadow vetchling	
L. sylvestris	Narrow-leaved everlasting-pea	c:
L. vernus	Spring vetchling	Gl
Lotus alpinus	Alpine bird's-foot-trefoil	
L. corniculatus	Bird's-foot-trefoil	
Medicago hybrida	Pyrenean medick	
Ononis natrix	Large yellow rest-harrow	
O. rotundifolia	Round-leaved rest-harrow	Ge
Oxytropis campestris	Yellow milk-vetch	
Trifolium alpinum	Alpine clover	
T. campestre	Hop trefoil	
T. dubium	Lesser trefoil	
T. incarnatum	Crimson clover	Ge
T. montanum	Mountain clover	-•
T. ochroleucon	Sulphur clover	SB
T. pratense	Red clover	σв
•	White clover	
T. repens		
Vicia cracca	Tufted vetch	
V. hirsuta	Hairy tare	
V. pyrenaica	Pyrenean vetch	
V. $sepium$	Bush vetch	

Fagaceae Sweet chestnut Castanea sativa Fagus sylvatica Beech Quercus petraea Sessile oak Q. pyrenaica Pyrenean oak Fumariaceae Corydalis solida Tuberous corydalis То Gentianaceae Gentiana acaulis Trumpet gentian G. verna Spring gentian Geraniaceae Geranium cinereum Ashy crane's-bill Te Dusky crane's-bill G. phaeum G. pratense Meadow crane's-bill G. pyrenaicum Pyrenean crane's-bill G. robertianum Herb-Robert Bloody crane's-bill G. sanguineum G. sylvaticum Wood crane's-bill Gesneriaceae Ramonda myconi Globulariaceae Globularia nudicaulis Leafless-stemmed globularia Creeping globularia G. repens Grossulariaceae Ribes petraeum Rock currant Gl Hypericaceae Western St. John's-wort Hypericum nummularium В Lamiaceae Acinos alpinus Alpine calamint Pyramidal bugle Tr Ajuga pyramidalis A. repens Bugle Clinopodium vulgare Wild basil Lamiastrum galaeobdolon Yellow archangel Lamium maculatum Spotted dead-nettle Ga Sideritis hyssopifolia S Stachys recta Yellow woundwort Teucrium chamaedrys Wall germander Ge T. pyrenaicum Pyrenean germander Ge T. scorodonia Wood sage Thymus serpyllum Wild thyme Lentibulariaceae Large-flowered butterwort Pinguicula grandiflora Loranthaceae Viscum album Mistletoe Malvaceae Malva moschata Musk mallow Oleaceae Fraxinus excelsior Ash Papaveraceae Chelidonium majus Greater celandine Meconopsis cambrica Welsh poppy Ga Gle B Plantaginaceae Plantago maritima ssp. serpentina Fleshy plantain Gl P. media Hoary plantain Plumbaginaceae Armeria maritima ssp. alpina Mountain thrift Tr Polygalaceae Polygala alpina Alpine milkwort То P. comosa Tufted milkwort P. nicaeensis Nice milkwort Polygonaceae Oxyria digyna Mountain sorrel Polygonum bistorta **Bistort** P. viviparum Alpine bistort French sorrel Rumex scutatus Primulaceae

Pink rock-jasmine

Androsace carnea

Te To

	Citi de la cita	
A. chamaejasme	Ciliate rock-jasmine	Ga
Lysimachia nemorum Primula elatior	Yellow pimpernel	В
P. farinosa	Oxlip Bird's-eye primrose	
P. jarmosa P. hirsuta	Bild s-eye primiose	Те
P. integrifolia	Entire-leaved primrose	10
P. veris	Cowslip	
P. vulgaris	Primrose	Tr
Soldanella alpina	Alpine snowbell	11
Vitaliana primuliflora	Yellow rock-jasmine	Te
Pyrolaceae		
Pyrola minor	lesser wintergreen	Ga Gle
Ranunculaceae	-	
Aconitum napellus	Monk's-hood	
Anemone narcissiflora	Narcissus-flowered anemone	Gl
Aquilegia vulgaris	Columbine	
Caltha palustris	Marsh marigold	
Clematis vitalba	Traveller's-joy	
Helleborus foetidus	Stinking hellebore	
H. viridis	Green hellebore	
Hepatica nobilis	Hepatica	
Ranunculus bulbosus	Bulbous buttercup	
R. flammula	Lesser spearwort	
R. gouanii	Gouan's buttercup	
R. polyanthemus	Multi-flowered buttercup	
R. pyrenaeus Thalictrum aquilegifolium	Pyrenean buttercup Great meadow-rue	
Traticirum aquitegijotum Trollius europeaeus	Globe-flower	Gl
Resedaceae	Globe-flower	Gi
Reseda glauca	Pyrenean mignonette	
Rhamnaceae	1 yrenean mignonette	
Rhamnus pumilus	Dwarf buckthorn	Te Tr
Rosaceae	B wait odekthorn	10 11
Alchemilla alpina	Alpine lady's-mantle	
A. splendens	Intermediate lady's-mantle	
Amelanchier ovalis	Snowy mespilus	
Aruncus dioicus	Goat's-beard Spiraea	В
Dryas octopetala	Mountain avens	Gl
Fragaria vesca	Wild strawberry	
Geum montanum	Alpine avens	
G. pyrenaicum	Pyrenean avens	
Potentilla alchemilloides		Gl Ga
P. rupestris	Rock cinquefoil	Gl
P. tabernaemontani	Spring cinquefoil	
Rosa canina	Dog rose	
R. gallica	Provence rose	
R. glauca	Blue-leaved rose	
R. pendulina Rubus idaeus	Alpine rose	
Sanguisorba minor	Raspberry Salad-burnet	
Sorbus aria	Whitebeam	
S. aucuparia	Rowan	
Rubiaceae	Rowan	
Asperula cynanchica	Squinancywort	Ge
Cruciata laevipes	Crosswort	
Galium mollugo	Hedge bedstraw	
G. odoratum	Woodruff	
G. saxatile	Heath bedstraw	
G. sylvaticum	Wood bedstraw	
G. verum	Lady's-bedstraw	
Salicaceae		
Populus tremula	Aspen	
Saxifragaceae		
Saxifraga granulata	Meadow saxifrage	T.
S. harriotii	D	Tr
S. longifolia	Pyrenean saxifrage	Т.,
S. oppositifolia	Purple saxifrage	Tr

S. paniculata	Livelong saxifrage	Gl B
S. puhescens	Livelong saxinage	Gl
S. rotundifolia	Round-leaved saxifrage	Ge
S. umbrosa	Wood saxifrage	Gl S B
Scrophulariaceae		
Bartsia alpina	Alpine bartsia	
Chaenorhinum minus	Lesser snapdragon	O
C. origanifolium	Faire familiana	
Erinus alpinus Euphrasia sp	Fairy foxglove	
Linaria alpina	Eyebright Alpine toadflax	
Melampyrum pratense	Common cow-wheat	Ga
Pedicularis foliosa	Leafy lousewort	В
P. pyrenaica	Pyrenean lousewort	Ga O
Scrophularia canina	Alpine figwort	
S. nodosa	Common figwort	C
S. pyrenaica	Pyrenean figwort	Ga
Rhinanthus angustifolius R. minor	Greater yellow-rattle Yellow-rattle	
Verbascum lychnitis	1 chow-rattic	
V. nigrum	Dark mullein	S
Veronica alpina	Alpine speedwell	Te
$\hat{V.}$ beccabunga	Brooklime	
V. fruticans	Rock speedwell	Gl
V. nummularia	Pyrenean speedwell	Gl
V. officinalis	Heath speedwell Pyrenean spiked speedwell	Gl Ga
V. ponae V. prostrata	i yienean spiked speedwen	Gi Ga
V. serpyllifolia	Thyme-leaved speedwell	
Thymelaeaceae	1	
Daphne cneorum	Garland flower	Gl Tr
D. laureola ssp. philippii	Spurge-laurel	Te
D. mezereum Tiliaceae	Mezereon	Tr
	Large-leaved lime	
Tilia platyphyllos Ulmaceae	Large-leaved lime	
Tilia platyphyllos Ulmaceae	-	
Tilia platyphyllos	Large-leaved lime Wych elm	
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber	-	
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana	Wych elm Red valerian	T
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis	Wych elm	Tr Go P
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica	Wych elm Red valerian	Ga B
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris	Wych elm Red valerian	
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica	Wych elm Red valerian	Ga B
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris Violaceae Viola biflora V. cornuta	Wych elm Red valerian Valerian	Ga B Gl
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris Violaceae Viola biflora V. cornuta V. lutea	Wych elm Red valerian Valerian Yellow wood violet Horned violet Mountain pansy	Ga B Gl Tr S
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris Violaceae Viola biflora V. cornuta V. lutea V. pyrenaica	Wych elm Red valerian Valerian Yellow wood violet Horned violet Mountain pansy Pyrenean violet	Ga B Gl Tr
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris Violaceae Viola biflora V. cornuta V. lutea	Wych elm Red valerian Valerian Yellow wood violet Horned violet Mountain pansy	Ga B Gl Tr S
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris Violaceae Viola biflora V. cornuta V. lutea V. pyrenaica V. riviniana	Wych elm Red valerian Valerian Yellow wood violet Horned violet Mountain pansy Pyrenean violet	Ga B Gl Tr S
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris Violaceae Viola biflora V. cornuta V. lutea V. pyrenaica V. riviniana Monocotyledons	Wych elm Red valerian Valerian Yellow wood violet Horned violet Mountain pansy Pyrenean violet	Ga B Gl Tr S
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris Violaceae Viola biflora V. cornuta V. lutea V. pyrenaica V. riviniana	Wych elm Red valerian Valerian Yellow wood violet Horned violet Mountain pansy Pyrenean violet	Ga B Gl Tr S
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris Violaceae Viola biflora V. cornuta V. lutea V. pyrenaica V. riviniana Monocotyledons Cyperaceae Carex davalliana C. sylvatica	Wych elm Red valerian Valerian Yellow wood violet Horned violet Mountain pansy Pyrenean violet Common dog-violet Wood sedge	Ga B Gl Tr S
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris Violaceae Viola biflora V. cornuta V. lutea V. pyrenaica V. riviniana Monocotyledons Cyperaceae Carex davalliana C. sylvatica Eriophorum angustifolium	Wych elm Red valerian Valerian Yellow wood violet Horned violet Mountain pansy Pyrenean violet Common dog-violet	Ga B Gl Tr S Te
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris Violaceae Viola biflora V. cornuta V. lutea V. pyrenaica V. riviniana Monocotyledons Cyperaceae Carex davalliana C. sylvatica Eriophorum angustifolium Dioscoreaceae	Wych elm Red valerian Valerian Yellow wood violet Horned violet Mountain pansy Pyrenean violet Common dog-violet Wood sedge Cotton-grass	Ga B Gl Tr S Te
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris Violaceae Viola biflora V. cornuta V. lutea V. pyrenaica V. riviniana Monocotyledons Cyperaceae Carex davalliana C. sylvatica Eriophorum angustifolium Dioscoreaceae Tamus communis	Wych elm Red valerian Valerian Yellow wood violet Horned violet Mountain pansy Pyrenean violet Common dog-violet Wood sedge	Ga B Gl Tr S Te
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris Violaceae Viola biflora V. cornuta V. lutea V. pyrenaica V. riviniana Monocotyledons Cyperaceae Carex davalliana C. sylvatica Eriophorum angustifolium Dioscoreaceae Tamus communis Iridaceae	Wych elm Red valerian Valerian Yellow wood violet Horned violet Mountain pansy Pyrenean violet Common dog-violet Wood sedge Cotton-grass	Ga B Gl Tr S Te
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris Violaceae Viola biflora V. cornuta V. lutea V. pyrenaica V. riviniana Monocotyledons Cyperaceae Carex davalliana C. sylvatica Eriophorum angustifolium Dioscoreaceae Tamus communis Iridaceae Iris latifolia	Wych elm Red valerian Valerian Yellow wood violet Horned violet Mountain pansy Pyrenean violet Common dog-violet Wood sedge Cotton-grass	Ga B Gl Tr S Te
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris Violaceae Viola biflora V. cornuta V. lutea V. pyrenaica V. riviniana Monocotyledons Cyperaceae Carex davalliana C. sylvatica Eriophorum angustifolium Dioscoreaceae Tamus communis Iridaceae	Wych elm Red valerian Valerian Yellow wood violet Horned violet Mountain pansy Pyrenean violet Common dog-violet Wood sedge Cotton-grass	Ga B Gl Tr S Te
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris Violaceae Viola biflora V. cornuta V. lutea V. pyrenaica V. riviniana Monocotyledons Cyperaceae Carex davalliana C. sylvatica Eriophorum angustifolium Dioscoreaceae Tamus communis Iridaceae Iris latifolia Juncaceae Luzula sylvatica Liliaceae	Wych elm Red valerian Valerian Yellow wood violet Horned violet Mountain pansy Pyrenean violet Common dog-violet Wood sedge Cotton-grass Black bryony Great woodrush	Ga B Gl Tr S Te B
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris Violaceae Viola biflora V. cornuta V. lutea V. pyrenaica V. riviniana Monocotyledons Cyperaceae Carex davalliana C. sylvatica Eriophorum angustifolium Dioscoreaceae Tamus communis Iridaceae Luzula sylvatica Liliaceae Allium senescens	Wych elm Red valerian Valerian Yellow wood violet Horned violet Mountain pansy Pyrenean violet Common dog-violet Wood sedge Cotton-grass Black bryony Great woodrush Mountain onion	Ga B Gl Tr S Te
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris Violaceae Viola biflora V. cornuta V. lutea V. pyrenaica V. riviniana Monocotyledons Cyperaceae Carex davalliana C. sylvatica Eriophorum angustifolium Dioscoreaceae Tamus communis Iridaceae Iris latifolia Juncaceae Luzula sylvatica Liliaceae Allium senescens Anthericum liliago	Wych elm Red valerian Valerian Yellow wood violet Horned violet Mountain pansy Pyrenean violet Common dog-violet Wood sedge Cotton-grass Black bryony Great woodrush Mountain onion St Bernard's lily	Ga B Gl Tr S Te B
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris Violaceae Viola biflora V. cornuta V. lutea V. pyrenaica V. riviniana Monocotyledons Cyperaceae Carex davalliana C. sylvatica Eriophorum angustifolium Dioscoreaceae Tamus communis Iridaceae Luzula sylvatica Liliaceae Allium senescens Anthericum liliago Asphodelus albus	Wych elm Red valerian Valerian Yellow wood violet Horned violet Mountain pansy Pyrenean violet Common dog-violet Wood sedge Cotton-grass Black bryony Great woodrush Mountain onion St Bernard's lily Asphodel	Ga B Gl Tr S Te B Ge
Tilia platyphyllos Ulmaceae Ulmus glabra Valerianaceae Centranthus ruber Valeriana montana V. officinalis V. pyrenaica V. tripteris Violaceae Viola biflora V. cornuta V. lutea V. pyrenaica V. riviniana Monocotyledons Cyperaceae Carex davalliana C. sylvatica Eriophorum angustifolium Dioscoreaceae Tamus communis Iridaceae Iris latifolia Juncaceae Luzula sylvatica Liliaceae Allium senescens Anthericum liliago	Wych elm Red valerian Valerian Yellow wood violet Horned violet Mountain pansy Pyrenean violet Common dog-violet Wood sedge Cotton-grass Black bryony Great woodrush Mountain onion St Bernard's lily	Ga B Gl Tr S Te B

Hyacinthus amethystinus	Pyrenean hyacinth	
Lilium martagon	Martagon lily	
Tofieldia calyculata	Tofield's asphodel White false helleborine	Т.,
Veratrum album Orchidaceae	white talse henebornie	Tr
Anacamptis pyramidalis	Pyramidal orchid	
Cephalanthera longifolia	Narrow-leaved helleborine	Ga
Coeloglossum viride	Frog orchid	Ga S
Dactylorhiza fuchsii	Common spotted-orchid	
D. incarnata	Early marsh-orchid	S
D. majalis ssp. alpes		
D. sambucina	Elder-flowered orchid	Ga
Epipactis purpurata	Violet helleborine	Ga
Gymnedenia conopsea	Fragrant orchid	
Listera ovata	Common twayblade Black vanilla orchid	
Nigritella nigra Ophrys apifera	Bee orchid	Ge
Orchis mascula	Early purple orchid	de
O. ustulata	Burnt-tip orchid	
Platanthera bifolia	Lesser butterfly-orchid	
P. chlorantha	Greater butterfly-orchid	
Poaceae (very incomplete)		
Briza media	Quaking-grass	
Melica uniflora	Wood melick	
CONIFERS		
Abies alba	Silver fir	
Pinus nigra ssp. salzmannii	Pyrenean black pine	
P. sylvestris	Scots pine	
Juniperus communis Taxus baccata	Juniper Yew	
Taxus baccata	1 ew	
FERNS		
Asplenium adiantum-nigrum	Black spleenwort	
A. ruta-muraria	Wall-rue	
A. septentrionale	Forking spleenwort	Gl
A. trichomanes	Maidenhair spleenwort	
Athyrium alpina	Alpine lady fern	Gl
A. filix-femina	Lady fern	
Botrychium lunaria	Moonwort	Te
Ceterach officinalis	Rusty-back fern	C1
Cryptogramma crispa	Parsley fern	Gl
Dryopteris affinis	Scaly male fern Male fern	
D. filix-mas Gymnocarpium dryopteris	Oak fern	Gl
Phegopteris connectilis	Beech fern	Gle
Polypodium australe	Southern polypody	GIC .
P. vulgare	Common polypody	
Polystichum lonchitis	Holly fern	Tr
P. setiferum	Soft shield-fern	
Pteridium aquilinum	Bracken	
BUTTERFLIES Swallowtail	Meadow l	araun
Scarce swallowtail	Wall brov	
	S Large wal	
r · ·	a Bright-ey	
Red admiral	Piedmont	
Painted lady	Small hea	~
Small tortoiseshell	Speckled	
	e Large whi	
Small pearl-bordered fritillary	Small whi	ite
Pearl-bordered fritillary	Green-vei	ned white
Heath fritillary	Dappled v	
False heath fritillary		dappled white Gl Tr
Queen-of-Spain fritillary T	o Wood wh	ite

1 /

Orange tip		Small blue	
Black-veined white		Green hairstreak	Tr
Brimstone	O	Brown argus	
Clouded yellow		Large skipper	
Mountain clouded yellow	Tr	Dingy skipper	
Common blue		Grizzled skipper	
Adonis blue		Large grizzled skipper	
Mazarine blue		Red-underwing skipper	S Tr
Escher's blue	Ga	Chequered skipper	Ga
MOTHS			
Nemophora degeerella	Ge	Psodos quadrifaria	To
Yponomeuta rorella (caterpillars)	В	Speckled yellow	
Metaxmeste phrygialis	To Tr	Buff-tip	Ge
Small magpie		Clouded buff	Tr
Cistus forester	Ge	Hummingbird hawk-moth	
Slender scotch burnet	Ge	Privet hawk-moth	Ge
Fox moth	Gl	Small purple-barred	Gl
Little emerald		Black-veined moth	
Chimney sweeper		Burnet companion	
Common heath		Silver Y	
Cream wave	Ga		

A MIDITIDI A NIC		DEDTH EC
Formica rufa	Wood ant	S
Bombus wurfleini	a large colourful bumble-bed	
Polistes sp.	a paper wasp	
Meloe proscarabaeoides	an oil beetle	S
Timarcha tenebricosa	Bloody-nosed beetle	S
Cantharis rustica	a soldier beetle	
Coccinella 7-punctata	7-spot ladybird	
Calosoma sycophanta	a metallic ground beetle	Ge
Cicindela campestris	Green Tiger-beetle Gl	
Lucanus cervus	Stag beetle	Ge
Lampyris noctiluca	Glow-worm	S
Cetonia aeruginosa	a rose chafer	Ge
Panorpa sp.	a scorpion-fly	Gl Tr
Libelloides longicornis	an ascalaphid	O
Lygaeus equestris	a ground bug	Gl
Calopteryx splendens	Banded demoiselle Ge	
Libellula depressa	Broad-bodied chaser	Gle
Gryllus campestris	Field cricket (<i>right</i>)	
Pholidoptera griseoaptera	Dark bush-cricket	Ga
Decticus verrucivorus	Wart-biter	Gl
Arion ater	a large black slug	
Cepaea nemoralis	Banded snail	
Leech		Gle
OTHER INVERTEBRATES		

AMPHIBIANS		REPTILES	
Common frog		Common wall lizard	
		Pyrenean rock lizard	Te
		Slow worm	Gl
MAMMALS			
Alpine marmot		Fox (droppings and prints)	Tr
Red squirrel	Ge J	Genet	Tr
Snow vole (runs)		Weasel	Te S
Mole (hills only)		Izard (Pyrenean chamois)	Tr
Pipistrelle	Ge	Wild boar (rootings)	Gle

BIRDS

BIRDS			
Golden eagle	Te O	Tree pipit	
Short-toed eagle	Ge Ga	Water pipit	
Red kite	J Ge Tr	Grey wagtail	
Black kite	J	White wagtail	
Common buzzard		Wren	
Sparrowhawk	Ge	Dunnock	
Egyptian vulture	Ge	Dipper	
Griffon vulture		Blackbird	
Lammergeier		Song thrush	
Kestrel		Mistle thrush	В
Peregrine	Gl	Rock thrush	То
Quail	S	Robin	
Rock dove/ Feral pigeon		Nightingale	Ge
Woodpigeon		Northern wheatear	
Collared dove		Black redstart	
Tawny owl	Ge	Northern chiffchaff	
Swift		Bonelli's warbler	S
Green woodpecker		Blackcap	
Great spotted woodpecker		Garden warbler	Ga
Black woodpecker	В	Firecrest	
Raven		Nuthatch	Ge Gl
Carrion crow		Short-toed treecreeper	Gl
Red-billed chough		Starling	J
Alpine chough		Red-backed shrike	Ge Ga
Magpie		Chaffinch	
Jay		Linnet	
Swallow		Serin	
House martin		Snow finch	То
Crag martin		House sparrow	
Great tit		Yellowhammer	
Blue tit		Cirl bunting	
Coal tit		Rock bunting	O
Crested tit			
Short-toed lark	S	Total: 66 species	

* * * * * * * * * * * * *

LPO thank-you letter

In the letter from Philippe Serre from LPO that follows, he thanks us for our contribution to the project to protect the lammergeier (Gypaète barbu) in the Pyrenees, and that it was a pleasure to meet Honeyguiders in Gèdre. The lammergeier is considered to be the most threatened raptor in Europe and is benefiting from a government action plan, carried out by LPO. Our contribution of £150 goes towards a package of actions studying its distribution and threats in the Luz-Gavarnie valley and massif of Pibeste, and also towards the costs of a feeding station. Philippe also mentions an attached article: this is four pages, in French, and can be emailed from the Honeyguide office for anyone who wishes to know more.

Philippe SERRE
PYRENEES VIVANTES
Lou Tucot
Chemin Larroudé
64 290 GAN

Tél/Fax: 05 59 21 65 53

Courriel: philippe.serre.environnement@libertysurf.fr

Gan, le 18 septembre 2004

BORDEREAU D'ENVOI

DESTINATAIRE Mo	nsieur DURDIN - HONEYGUIDE
OBJET Coffin	nancement - Remerciement
OBSERVATIONS Je tie appoa été des Heieux Le Ged'Eux valid Oise Votre résea Piber conn pour nour vous trans le Gy Pyrés	sieur, Instar de l'année dernière, vous avez décidé de poursuivre votre den financier au programme que mène la LPO pour la sauvegarde du aète barbu sur le massif des Pyrénées. Lens à vous remercier très sincèrement de l'appui que vous nous artez. En tant que responsable du programme Pyrénées Vivantes, cela un plaisir d'intervenir auprès de vos clients à Gèdre (département Hautes-Pyrénées) pour leur présenter cette espèce emblématique des ac pyrénéens. Lippaète barbu est considéré comme le rapace le plus menacé rope. Il bénéficie sur le massif des Pyrénées d'un plan d'action lé par l'état français et animé par la Ligue pour la Protection des aux. e contribution (150 livres) participera d'une part au financement du au de suivi environnemental (vallée de Luz Gavarnie et massif du ste – département des hautes-Pyrénées) car il est fondamental de aître la répartition de cette espèce et les menaces qui planent sur elle pouvoir la protéger et d'autre part au financement d'un site de rissage dans le département de l'Ariège (vallée du Vicdessos). Is trouverez ci-joint un article de présentation de notre programme effontalier Pyrénées Vivantes qui s'appuie sur le travail réalisé pour ypaète barbu pour étendre notre savoir-faire à la biodiversité des nées. Dus prie de recevoir mes meilleures salutations, très cordialement.