France - The Vercors

Naturetrek Tour Report

21 - 28 July 2010



Damon Blue - Agrodiaetus damon



Alpine Marmot



Epipogium aphyllum



The 2010 Naturetrek Group

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Tour Report France - The Vercors

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Participants: Val Bond

Greg Bond Nick Carthey

Christina Hart-Davies

Day 1

Wednesday 21st July

Cloudy with showers, becoming fine, warm and sunny later

Christina met Paul at Heathrow for the 8.40am flight to Lyon. Unfortunately, the previous day had seen industrial action by French Air Traffic Control and, subsequently, we were delayed for an hour, arriving at 12-15hrs local time. After passport control and baggage reclaim we made our way out to the arrivals area, where we met with Val and Greg and Nick, who had arrived on the previous day from the UK. We then boarded the bus to the car rental area. As soon as we had completed these formalities we collected our vehicles for the journey to the Vercors region.

We drove westwards on the A43 Motorway, stopping for refreshments at the L'Isle D'Abeau service area. Whilst enjoying lunch we spotted Hummingbird Hawkmoth, Clouded Yellow butterfly and a juvenile Common Wall Lizard. From here, we moved on towards the Grenoble, Isere regional airport, where we explored the lanes and fields to the east and west of the airport. As we approached the site, we saw a single male Montague's Harrier hunting the verges of the road. We stopped on a quiet roadside and began to scan the sky. Kestrel, Common Buzzard and Corn Bunting were all seen. We also saw Great Banded Grayling and a pair of Marbled Skipper butterflies. Many of the arable fields had been harvested, but there were still a few plants to see, including Allium oleraceum (Field Garlic), Verbena officinalis (Vervain) and Ambrosia artemisiifolia (Ragweed). It was now time to continue on south to Grenoble and Sessenage, where we turned up onto the Vercors Plateau. Just after we rejoined the motorway, we saw four Black Kites circling above. It was not long before we arrived in Lans en Vercors and the Hotel Le Val Fleuri, our base for the rest of the tour. Here we were met by our hosts, Eliane Bonnard and her husband, François.

Day 2

Thursday 22nd July

Fine, warm & sunny, with rain later

Following a splendid breakfast, we made the short journey to the small hamlet of Les Merciers. Here we explored a steep path, rocky lane sides and some meadows. Our first find of the day was two spikes of Cephalanthera rubra (Red Helleborine), followed swiftly by Asplenium viride (Green Speenwort), Clinopodium vulgare (Wild Basil) and Epipactis atrorubens (Dark Red Helleborine). A Cirl Bunting was heard calling and several species of butterfly were beginning to wake up. These included Heath Fritillary and Large White. We now retraced our steps and continued our exploration of the rocky lane side. This produced Dianthus carthusianorum (Carthusian Pink), Saxifraga paniculata (Live-long Saxifrage) and Orchis ustulata (Burnt Orchid). Apollo, Spotted Fritillary and Damon Blue were just three of the butterfly species seen. This led us nicely into a meadow situated above a deep gorge. This was fairly dry, but still contained Gentiana cruciata (Cross Gentian), Chamaespartium segittale (Winged Greenweed), Sedum sexangulare (Tasteless Stonecrop), Populus tremula (Aspen) and Sorbus aria (Whitebeam).

By now the warming sun had encouraged more butterflies to become active. These included Osiris Blue, Scotch Argus, Marbled White, Rock Grayling and Large Wall Brown. Common Swift and Crag Martin were also recorded. After a brief stop in Les Geymonds to buy our picnic, we headed up into the forest below Villard de Lans, to a quiet spot near Malaterre where we stopped and prepared our lunch. As we progressed Greg spotted a Short-toed Eagle sitting on an overhead line tower and a circling Honey Buzzard. The adjacent woods had Melampyrum nemorosum (a Cow-wheat), Hordelymus europaeus (Wood Barley), Calamintha grandiflora (Large Calamint) and Digitalis lutea (Small Yellow Foxglove). Heath Fritillary was also identified. Robin, Coal Tit and Wren were recorded and Arran Brown, Great Banded Grayling, Dusky Grizzled Skipper and Idas Blue butterflies were seen together with Chimney Sweeper and Shaded Broad-bar moths. We left this beautiful spot and made our way back to an area of wetland, streams and a pond at Les Buryeres. Almost as soon as we arrived, the heavens opened. As it was quite late in the day, we made our way back to the hotel, where we began identifying the species we had photographed over some welcome refreshments.

Day 3 Friday 23rd July

Rain at first, becoming fine, hot & sunny with cloud

We began today by making a short stop to the north of Lans en Vercors. Here we found Red-backed Shrike, Stonechat and Kestrel. We also saw *Geranium sylvaticum* (Wood Crane's-bill) and *Verbascum nigrum* (Dark Mullein). From here we made another short drive towards St Nizier du Moucherotte, stopping in the forest. This wonderful example of natural mixed conifer and deciduous woodland is home to a number of special plants, as well as birds. A Wren, Crested Tit and Chaffinch were heard calling in the distance as we arrived. However, it was the Orchids that were to attract most attention. We were particularly seeking the small, eerily white spikes of *Epipogium aphyllum* (Ghost Orchid). The verge by the wood produced *Epipactis microphylla*, *Epipactis attorubens* (Dark Red Helleborine), *Campanula glomerata* (Clustered Bellflower), *Digitalis lutea* (Small Yellow Foxglove) and *Gymnadenia conopsea* (Fragrant Orchid). We entered the wood in search of the Ghost Orchids, but were unable to find any at first. However, we did find a single spike of *Goodyeara repens* (Creeping Ladies Tresses) and several spikes of *Pyrola media* (Intermediate Wintergreen). A diligent search by the whole group finally produced four plants, two of which were in perfect condition. It would appear that the season is still late, and it may be that these plants may yet appear. Insects here included Osiris Blue butterfly and Silver Y moth.

Once again, we made a brief stop in Les Geymonds to buy our picnic, before descending the spectacular Gorges de la Bourne on our way to a picnic site just south of St Julien-en Vercors. During lunch, another Red-backed Shrike and Common Swifts were very much in evidence.

Moving on, we passed through the village of La Chapelle en Vercors, turning west towards Vassieux, before turning up to the Col de la Chau (1337m). Here we made a brief stop to admire the distant peak of the Grand Veymont, which at 2341metres, is the highest peak in the Vercors. While we were stopped, we saw Honey Buzzard, Peregrine Falcon and Kestrel, as well as Great Sooty Satyr and Apollo butterflies.

Our objective for the afternoon was the Font d'Urle (1500m), a ski station with limestone outcrops and meadows. As we approached the parking area we found five Griffon Vultures circling on thermals. Early on, we had close views of Alpine Marmot in the distance and Linnets and Water Pipit were feeding among the rocks. Plants included *Aster alpina* (Alpine Aster), *Gymnadenia austriaca var. gallica* (Black Vanilla Orchid), *Serratula tinctoria* (Saw-wort), *Polystichum lonchitis* (Holly Fern) and *Gypsophila repens* (Alpine Gypsophila).

In addition, Common Brassy Ringlet and Niobe Fritillary were added to the growing butterfly list. We now made our way back over the Col de la Chau, making a short stop at the cemetery, where the victims of the Nazi massacre at Vassieux during the Second World War are buried, before driving north to La Chapelle, where we took dinner at the Hotel Bellier, before returning to our hotel.

Day 4

Saturday 24th July

Fine and sunny with a chilly wind

Today's objective was to explore the Route Forestal de la Molière, east of Autrans. The area comprises mixed woodland, open rides, rocky banks and open meadows. Leaving Lans en Vercors, we took the road up towards the towns of Meaudre and Autrans, turning off onto the forest road. Our first stop was on a wide ride, where we found *Veronica urticifolia* (Nettle-leaved Speedwell), *Epipactis helleborine* (Broad-leaved Helleborine) and *Millium effusum* (Wood Millet). Common Buzzard was seen and Wren and Crossbill heard. Insects included Titania's Fritillary, Black-veined White and Almond-eyed Ringlet butterflies and a splendid Water Betony moth caterpillar.

Our next stop was a sloping wet meadow below the road. As we parked, Nick noticed *Epipactis atrorubens* (Dark Red Helleborine) and the last remaining flowers of *Traunsteinera globosa* (Round-headed orchid) on the bank above the road. In the meadow we added *Gymnadenia conopsea subsp. densiflora* (Marsh Fragrant Orchid) and also found Transparent Burnet Moth and the curious Forest Bug.

We took lunch at the Refuge des Feneys, in the midst of several tall specimens of *Gentiana lutea* (Great Yellow Gentian), and Christina's eye was caught by some prolific epiphytic Lichens on an adjacent *Picea abies* (Norway Spruce). Driving on, we made a stop on the broad car park to the ski lift at La Grande Boya. We explored the verge, and birds seen or heard included Coal Tit, Great Tit and Mistle Thrush. We also found Shaded Broad-bar moth. Plants included *Fragaria vesca* (Wild Strawberry), which proved particularly popular! We also saw *Senecio nemorensis subsp. fuchsii* (Wood Ragwort) and *Calamintha grandiflora* (Large Calamint). Some adjacent grassland was also quite interesting, adding Small Heath to the butterfly list, as well as Wart-biter and Dark Bush Crickets.

From here, we moved on through the town of Autrans, stopping in Meaudre for coffee and ice-creams, before continuing. We drove down through the Gorges du Meaudret to Les Jarrards. Here we stopped to explore the River Bourne. Dipper, Grey Wagtail and Black Redstart were seen and we added Marbled Fritillary and Comma to the butterfly list. The river bank produced *Sparganium erectum* (Branched Bur-reed), *Galeopsis bifida* (Common Hemp-nettle) and *Cirsium montanum*, as well as a resting Cream-spot Tiger moth. It was now time to make our way back to the hotel in time for dinner.

Day 5

Sunday 25th July

Weather: fine, hot &sunny with some cloud

After breakfast, we left the hotel and drove south once again through the Gorges de la Bourne., taking the road leading to the South-west. As we made our way down towards Choranche, we stopped on the south side of the Tunel d'Arbois. Initially, this was to admire this part of the gorge through which the River Bourne flows. However, the old section of tunnel was very wet, and home to many Mosses and Liverworts, which immediately took Christina's interest, and she proceeded to demonstrate a few of these species to us.

Paul also found a Common Frog. Insects included Wall Brown butterfly, Hummingbird Hawk Moth and the curious orange and black Shieldbug, *Graphosoma italicum*. Among the plants seen there were *Blackstonia perfoliata* (Yellow-wort) and *Potentilla caulescens* (Lax Potentilla).

Continuing on to Choranche, we turned west and began to climb up towards the Route de Presles, a magnificent limestone cliff formation, over-looking the Commune de Chatelus and the valley of the River Bourne. Here we saw Alpine Swift, House Martin and Crag Martin as well as Lulworth Skipper, Gatekeeper and Pearly Heath butterflies. Plants included Rhamnus catharticus (Common Buckthorn), Potentilla caulescens (Lax Potentilla) and Allium rotundum. After spending an hour or so exploring, we continued on up through Presles to a picnic site at the Fontaine de Petouze, in the Foret des Coulmes. During the lunch stop, Meadow Brown, Arran Brown, Silver-washed Fritillary and Scarce Copper butterflies, and Silver-ground Carpet and Brown-line Bright-eye moths were seen. For the plants, Polygonatum verticillatum (Whorled Solomon's-seal), Rhinanthus minor agg (Common Rattle), Malva moschata (Musk Mallow) and Rosa pendulina (Alpine Rose) were also recorded. After our picnic, we explore a small man-made pond. Here, we witnessed the mass-emergence of Southern Hawker Dragonflies and a young Grass Snake.

We now made our way back down through Presles and the splendid cliffs of the Route de Presles, and on to Pont en Royans, parking in the town car-park, and walking along the River Bourne into the town, in order to indulge ourselves with a visit to the local ice-cream cafe, while watching a Crag Martins and a Scarce Swallowtail Butterfly. From here, we returned to Lans via the Gorges de la Bourne, stopping at the Pont Rouillard, to explore the river bank *Buddleja* vegetation for more butterflies. We were not disappointed, seeing Great Banded Grayling, Scarce Swallowtail, Cleopatra, Southern White Admiral, Large Skipper and Common Blue in the late afternoon sunshine. We also saw a Dipper on the riverbank and several Swallows collecting insects from the surface of the water.

Day 6 Monday 26th July

Weather: fine, hot & sunny

Today, we returned along the Route Forestal de Moliere, near Autrans, in order to take a walk along the Cretes de la Moliere. Paul had advised us that the car park can be very popular with walkers, so we made our way directly to it. As we parked the vehicles, we became aware of a Firecrest calling, and Coal Tits busy feeding in a nearby Abies alba (European Silver Fir). We set off in a southerly direction through mixed woodland containing Abies alba (European Silver Fir), Picea abies (Spruce), Fagus sylvestris (Beech) and Acer opalus (Italian Maple). Our route took us along the top edge of an east-facing cliff. It was not long before Val and Greg started to find insects. As we went, Titian's Fritillary, Apollo, Silver-washed Fritillary and Mountain Ringlet Butterflies were recorded. Great Tit, Crested Tit and Goldcrest were all recorded by the birders. Meanwhile, the botanists had found Cicerbita alpina (Alpine Sow-thistle), Campanula rhomboidalis (a Bellflower), Silven nutans (Nottingham Catchfly), Epilobium alpestre (Whorled-leaved Willowherb) and Cotoneaster intergerrimus (Wild Cotoneaster). Several moths were also seen and included, Purple Treble-bar, Six-spot Burnet Moth and Barred Red (Green form)

We continued on for about one and a half kilometres before taking a descending path into the meadows. Lans en Vercors could be seen to the south, and the unmistakable peaks of the Alps, in the east. We now turned north, heading back in the direction from which we had come. The flatter areas of the meadows were grazed by cattle, and were somewhat eutrophic, but the steeper banks leading up to the cliff were botanically richer.

Gentiana lutea (Great Yellow Gentian) and Cirsium eriophorum (Woolly Thistle) were common here in the grazed sections. Elsewhere, Dactylorhiza fuchsii (Common Spotted Orchid), Briza media (Quaking Grass) and Sideritis hyssopifolia (Sideritis) were all seen. In this more open habitat, there were Kestrel and Yellow-billed Chough. The meadows produced Wart-biter Crickets, Arran Brown and Brown Argus butterflies. Returning to the vehicles, we enjoyed our picnic under some trees, surrounded by cows.

We now returned to our hotel for a short rest before taking a very early dinner. This was because we were going out later to see if we could find European Beaver. Leaving the hotel, we made our way north to St Nizier du Moucherotte. Here we descended towards Grenoble and on towards Vif, where we were to visit a local reserve where Beaver are known to live. We parked the vehicle, and walked the several hundred yards to the series of lakes where these elusive animal live. It was still quite bright, so we spent time looking at Dragonflies and Damselflies as well as birds. Greg set about showing us some of these delicate creatures. White and Blue Feather-leg damselflies, Beautiful Damoiselle and Scarlet Darter were among them. The birds recorded were, Turtle Dove, Black Redstart and Swallow, and, as it got darker, Nightjar were seen and heard and Scops Owls were calling in the distance. Just as the light was about to go, we were rewarded with a single adult Beaver, seen, at first, grooming by some reeds, and then swimming around the island on which the lodge was situated. When it became too dark to see any more, we made our way back to the hotel.

Day 7

Weather: fine, hot & sunny

Tuesday 27th July

Leaving Lans en Vercors, we once again headed for the Isere Valley at Claix, where we turned south onto the motorway. We continued south to the point where the auto-route ended, at Monestier de Clermont. Here we made our way through the village of St. Paul les Monestier and on to an area of hay meadows. We were hoping for a chance to see and hear Corncrake. Sadly, we were a day or two late, as the farmer had almost completed his haymaking and the birds were no long in residence. In an adjacent set-aside field we found Dark Green fritillary, Mazarine Blue, Large Skipper and Common Blue Butterfly. Grasshopper Warbler was heard and Robin and Blackcap seen.

Moving on, we made our way to Gresse en Vercors, where we drove up the Crete des Alleyrons, with a view to walking up some of the path to the Grand Veymont (2341m). However, we were not permitted to park, so Paul decided to go to another location he knew to be worth visiting, the Par du Serpaton (1588m). We found a nice meadow where we took our picnic, during which time we found *Goodyeara repens* (Creeping Ladies Tresses, the seeding heads of *Cyprepedium calceolus* (Ladies Slipper Orchid). There was also Spotted Fritillary and 6-spot Burnet Moth. After lunch, we explored the lane margins and rock outcrops adding *Trifolium alpestre*, *Scabiosa lucida* (Shining Scabious), *Himantoglossum hircinum* (Lizard Orchid) and *Campanula rotundifolia* (Harebell). From here, we dropped back down towards Gress en Verciors, stopping to explore the lower section of the footpath at Uclaire. This was quite warm and sheltered, and the butterflies were particularly good with Damon Blue, Apollo, Spotted Fritillary, Meadow Brown and Large Wall Brown. Plants included *Trifolium montanum* (Mountain Clover), *Allium sphaerocephalon* (Round-headed Leek), *Cephalaria alpina* (Alpine Scabious) and *Serratula tinctoria* (Saw-wort). It was now time to make our way back to the motorway and up to Lans. As the sun was now dipping in the sky, we made a final visit to the *Epipogium aphyllum* (Ghost Orchid) to ensure the photographers all had good photos.

Day 8

Wednesday 28th July

Weather: fine, hot & sunny in Lyon & London

We said goodbye to our host Mme. Bonnard and her husband Francois, and began our journey back to Lyon. We retraced the route north that we had used on arrival. Along the way we saw Black Kite, Grey Wagtail and Grey Heron. We arrived at Lyon St. Exupery Airport in good time for our flight back to the UK.

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Species Lists

Plants

Scientific name Common name Location

PTERIDOPHYTES

FERNS & ALLIES Horsetail Family

Spleenwort Family

Bracken Family

Equisetaceae

Equisetum arvense Common Horsetail Les Merciers Foret de Malaterre Equisetum sylvatica Wood Horsetail

Aspleniaceae

Asplenium adiantum-nigrum Black Spleenwort Les Merciers Smooth Rock Spleenwort Les Merciers Asplenium fontanum Asplenium ruta-muraria Wall Rue Les Merciers Asplenium trichomanes Maidenhair Spleenwort Les Merciers Asplenium viride Green Spleenwort Les Merciers

Dennstaedtiaceae

Pteridium aquilinum Bracken Common

Dryopteridaceae

Buckler Fern Family Narrow Buckler-fern Foret de Malaterre Dryopteris carthusiana Dryopteris dilitata Broad Buckler-fern Bois des Mures Dryopteris filix-mas Male Fern Route Forestiere, Autrans Hard Shield-fern Polystichum aculeatum Route Forestiere, Autrans Font d'Urle Polystichum Ionchitis Holly Fern

Polypodiaceae

Polypodium cambricum Southern Polypody Bois des Mures

Woodsiaceae

Athyrium filix-femina Lady Fern Route Forestiere, Autrans Les Merciers Cystopteris fragilis Brittle Bladder Fern Gymnocarpium robertianum Limestone Fern Les Merciers

Polypody Family

Lady Fern Family

PINOPSIDA (GYMNOSPERMS)

CONIFERS

Juniper Family

Cupressaceae

Juniperus communis Juniper Les Merciers

Pinaceae

Pinus uncinata

Bois des Mures Abies alba European Silver Fir Larix decidua La Chapelle en Vercors European Larch Larix kaempferi (Planted) Japanese Larch La Chapelle en Vercors Picea abies subsp. abies Les Merciers Spruce Scot's Pine Pinus sylvestris Col de la Chau

Mountain Pine

Pine Family

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Font d'Urle

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MAGNOLIOPSIDA (ANGIOSPERMS) **FLOWERING PLANTS** Magnoliidae (Dicotyledons)

Maple Family Aceraceae

Les Merciers Acer campestris Field Maple Acer opalus Col de la Chau Italian Maple Acer pseudoplatanus Sycamore Les Merciers

Anacardiaceae **Sumach Family**

Cotinus coccygia Smoke Bush **Below Presles**

Carrot Family Apiaceae

Aethusa cynapium Fool's Parsley Grenoble Isere Airport

Angelica sylvestris Wild Angelica Les Jarrands

Route Forestiere, Autrans Astrantia major **Great Masterwort**

Bupleurum petraeum A Hare's-ear Les Merciers

Daucus carota Wild Carrot Grenoble Isere Airport

Eryngium campestre Field Eryngo Presles

Heracleum sphondylium Hogweed Route Forestiere, Autrans

A Sermountain Laserpitium latifolium Les Merciers Laserpitium siler A Sermountain Les Merciers

Pastinaca sativa Wild Parsnip Grenoble Isere Airport Peucedanum carvifolia Route Forestiere, Autrans

Sanicula europaea Sanicle Bois des Mures

Torilis arvensis Spreading Hedge-parsley Grenoble Isere Airport

Torilis japonica Upright Hedge-parsley Les Merciers Trinia glauca Font d'Urle Honewort

Aquifoliaceae **Holly Family**

Ilex aquifolia Holly Les Merciers

Ivy Family Araliaceae

Les Merciers Hedera helix agg lvy

Milkweed Family Asclepiadaceae

Vincetoxicum hirundinaria Swallow-wort Les Merciers

Asteraceae **Daisy Family**

Achillea millefolium Yarrow Les Bruyeres Adenostyles alliariae Adenostyles Les Merciers

Grenoble Isere Airport Ambrosia artemisiifolia Ragweed

Aposeris foetida **Aposeris** Font d'Urle

Artemisia vulgaris Mugwort Grenoble Isere Airport

Aster alpinus Alpine Aster Font d'Urle

Aster bellidiastrum Route Forestiere, Autrans

Bellis perennis Daisy Lans en Vercors Buphthalmum salicifolium Yellow Ox-eve Les Merciers

Catanache caerulea Catanache Presles

Centaurea cyanus Cornflower Near Grenoble Isere Airport

Centaurea montana Perennial Cornflower Les Merciers

Cicerbita alpina Alpine Sow Thistle Route Forestiere, Autrans

Stemless Thistle Cirsium acaule La Moliere Cirsium arvense Creeping Thistle Les Jarrands Cirsium eriophorum Woolly Thistle La Moliere

Marsh Thistle Cirsium palustre Route Forestiere, Autrans

Cirsium vulgare
Conyza canadensis
Crepis pyrenaica
Erigeron acer
Erigeron annuus

Eupatorium cannabinum Gnaphalium norvegicum Hieracium alpinum agg Helianthus annuus (Planted)

Homogyne alpina
Lactuca perennis
Lapsana communis
Leucanthimum vulgare
Matricaria discoidea
Mycelis muralis
Picris hieracioides
Pilosella officinarum
Prenanthes purpurea

Senecio ovatus subsp.alpestris

Senecio vulgaris
Serratula tinctoria
Solidago gigantea
Solidago virgaurea
Sonchus asper
Sonchus oleraceus
Taraxacum agg

Senecio jacobaea

Tripleurospermum inodorum

Tussilago farfara

Betulaceae

Betula pendula Betula pubescens

Boraginaceae

Echium vulgare
Myosotis alpestris
Myosotis arvensis
Myosotis sylvatica
Pulmonaria montana

Brassicaceae

Alliaria petiolata
Arabidopsis thaliana
Biscutella brevicaulis
Capsella bursa-pastoris
Cardamine hirsuta
Cardamine pratensis
Draba aizoides
Hesperis matronalis
Sinapis arvensis
Turritus glabra

Spear Thistle Grenoble Isere Airport
Canadian Fleabane Grenoble Isere Airport

- La Moliere
Blue Fleabane Font d'Urle
Annual Fleabane Les Bruyeres

Hemp Agrimony Near Lans en Vercors

Highland Cudweed La Moliere
Alpine Hawkweed Font d'Urle

Sunflower Near Grenoble Isere Airport

Alpine Colt's-foot La Moliere Blue or Mountain Lettuce Presles

Nipplewort Grenoble Isere Airport
Ox-eye Daisy Route Forestiere, Autrans

Pineapple Weed Presles

Wall Lettuce Route Forestiere, Autrans

Hawkweed oxtongue Near La Chapelle
Mouse-eared Hawkweed Font d'Urle
Purple Lettuce Bois des Mures

Ragwort Route Forestiere, Autrans

- Foret de Malaterre
Groundsel Lans en Vercors
Saw-wort Font d'Urle

- North of Pont en Royans
Golden Rod Route Forestiere, Autrans
Prickly Sow-thistle Grenoble Isere Airport
Smooth Sow-thistle Lans en Vercors
Dandelion Common in meadows
Scentless Mayweed Grenoble Isere Airport

Colt's-foot Les Merciers

Birch Family

Silver Birch Les Merciers
Downy Birch Les Merciers

Forget-me-not Family

Viper's Bugloss Grenoble Isere Airport

Alpine Wood Forget-me-not Font d'Urle
Field Forget-me-not Les Bruyeres
Wood Forget-me-not Foret de Malaterre
Mountain Lungwort Font d'Urle

Cabbage Family

Garlic Mustard La Moliere
Thale Cress Lans en Vercors
Buckler Mustard Font d'Urle

Shepherd's Purse Route Forestiere, Autrans Hairy Bittercress La Chapelle en Vercors

Lady's Smock
Yellow Whitlow-grass
Dame's Violet
Charlock
Tower Mustard
Les Bruyeres
Font d'Urle
Les Jarrards
Autrans
Les Merciers

Campanulaceae

Campanula cochlearifolia Campanula glomerata Campanula patula Campanula ranunculoides Campanula rhomboidalis

Campanula rotundifolia Campanula trachelium Phyteuma nigra

Phyteuma orbiculare

Caprifoliaceae

Lonicera alpigena Lonicera periclymenum Lonicera xylosteum Sambucus ebulus Sambucus nigra

Sambucus racemosus

Viburnum lantana

Caryophyllaceae

Arenaria serpyllifolia subsp. serpyllifoia

Cerastium arvense Cerastium fontanum Dianthus carthusianorum Dianthus monspessulanus Dianthus sylvestris

Gypsophila repens Lychnis flos-cuculi Minuartia verna Petrorhagia velutina Saponaria officinalis

Saponaria ocymoides Silene dioica Silene italica Silene latifolia

Silene nutans Silene rupestris Silene vulgaris Stellaria graminea

Stellaria media Stellaria nemorum

Chenopodiaceae

Chenopodium bonus-henricus

Cistaceae

Helianthemum oelandicum subsp. canum Helianthimum nummularium

Clusiaceae

Hypericum hirsutum Hypericum perforatum Hypericum richeri Hypericum tetrapterum **Bellflower Family**

Font d'Urle Fairy's Thimble Clustered Bellflower Bois des Mures Les Jarrands Spreading Bellflower Creeping Bellflower Les Merciers A Bellflower Foret de Malaterre Harebell Les Merciers

Nettle-leaved Bellflower Route Forestiere, Autrans Black Rampion Route Forestiere, Autrans

Round-headed Rampion Font d'Urle

Honeysuckle Family

Alpine Honeysuckle La Moliere Honeysuckle La Moliere

Fontane de Petouze Fly Honeysuckle

Dwarf Elder Les Merciers

Elder Fontane de Petouze Red-berried Elder Foret de Malaterre Wayfaring Tree Les Merciers

Pink Family

Thyme-leaved Sandwort Presles Field Mouse-ear La Moliere Font d'Urle Common Mouse-ear Carthusian Pink Les Merciers Les Merciers Fringed Pink Wood Pink Presles Alpine Gypsophila Fonte d'Urle

Ragged Robin Fontane de Petouze

Spring Sandwort Les Merciers a Pink Les Merciers Soapwort Les Jarrands Presles **Rock Soapwort**

Red Campion Foret de Malaterre Font d'Urle Italian Catchfly White Campion Common

Presles Nottingham Catchfly Rock Catchfly Gorges de la Bourne

Bladder Campion Common Lesser Stitchwort La Moliere

Route Forestiere, Autrans Chickweed Wood Stitchwort Route Forestiere, Autrans

Goose-foot Family

Good King Henry Fonte d'Urle

Rock-rose Family

Font d'Urle Hoary Rockrose Common Rockrose Les Merciers

St. John's-wort Family

Hairy St.John's-wort Les Merciers Perforate St. John's-wort Les Merciers Alpine St.John's-wort Font d'Urle

Square-stalked St.J's-wort Foret de Malaterre

Convolvulaceae

Convolvulus arvensis Cuscuta epithymum Cuscuta europaeum

Cornaceae

Cornus sanguinea

Corylaceae

Corylus avellana

Crassulaceae

Sedum acre
Sedum album
Sedum dasyphyllum
Sedum forsterianum
Sedum sediforme
Sedum sexangulare

Cucurbitaceae

Bryonia cretica

Dipsacaceae

Dipsacus fullonum Knautia arvensis Knautia dipsacifolia Scabiosa columbaria Scabiosa lucida

Ericaceae

Arctostaphylos uva-ursi Vaccinium myrtilis

Euphorbiaceae

Euphorbia amygdaloides Euphorbia cyparissias Euphorbia dulcis Euphorbia peplus Mercurialis perennis

Fabaceae

Anthyllis montana
Anthyllis vulneraria
Bitumaria bituminosa
Clinopodium vulgaris
Genista segittalis
Laburnum anagyroides
Lathyrus pratensis
Lotus corniculatus
Lotus uliginosa
Medicago lupulina
Melilotus albus
Melilotus officinalis

Bindweed Family

Field Bindweed Les Merciers
Dodder Les Merciers
Greater Dodder Les Merciers

Dogwood Family

Dogwood Presles

Hazel Family

Hazel Les Merciers

Stonecrop Family

Biting Stonecrop Les Merciers
White Stonecrop Les Merciers
Fat Stonecrop Les Merciers
Rock Stonecrop Les Merciers
- Presles
Tasteless Stonecrop Les Merciers

Cucumber Family

White Bryony Grenoble Isere Airport

Teasel Family

Teasel Bois des Mures
Field Scabious Grenoble Isere Airport
Wood Scabious Foret de Malaterre
Scabious La Moliere
Shining Scabious Gresse en Vercors

Heath family

Bearberry Font d'Urle
Bilberry Les Merciers

Spurge Family

Wood Spurge Les Merciers
Cypress Spurge Les Merciers

- Fontane de Petouze
Petty Spurge Lans en Vercors
Dog's Mercury Bois des Mures

Pea Family

Mountain Kidney-vetch

Kidney Vetch

Foret de Malaterre

Pitch Trefoil Presles
Wild Basil Les Merciers
a Greenweed Les Merciers

Laburnum Fontane de Petouze
Yellow Vetchling Route Forestiere, Autrans

Bird's-foot Trefoil Les Geymonds
Large Bird's-foot Trefoil Les Bruyeres
Black Medick Les Jarrands

White Melilot Grenoble Isere Airport
Ribbed Melilot Bois des Mures

Onobrychis arenaria
Ononis repens
Securigera varia
Trifolium alpestre
Trifolium arvense
Trifolium campestris
Trifolium hybridum
Trifolium medium
Trifolium montanum

Trifolium pratense subsp. pratense

Trifolium repens Trifolium resupinatum Trifolium rubens Vicia cracca

Vicia sativa subsp. segetalis

Vicia sepium

Fagaceae

Fagus sylvatica

Quercus pubescens

Gentianaceae

Gentiana clusii Gentiana cruciata Gentiana lutea

Gentianella campestris

Geraniaceae

Erodium cicutarium
Geranium columbinum
Geranium dissectum
Geranium lucidum
Geranium molle
Geranium pyrenaicum
Geranium robertianum
Geranium sylvaticum

Globulariaceae

Globularia cordifolia Globularia punctata

Grossulariaceae

Ribes alpinum Ribes rubra Ribes uva-crispa

Juglandaceae

Juglans regia

Lamiaceae

Acinos alpina
Ajuga genevensis
Calamintha grandiflora
Clinopodium vulgare
Galeopsis tetrahit agg

Sainfoin Route Forestiere, Autrans

Restharrow Foret de Malaterre
Crown Vetch Lans en Vercors
- Fontane de Petouze

Hare's-foot Clover Les Bruyeres

Hop Trefoil Route Forestiere, Autrans

Alsike Clover

Zigzag Clover

Bois des Mures

Bois des Mures

Bois des Mures

Bois des Mures

Font d'Urle

Les Merciers

White Clover

Lans en Vercors

Reversed Clover

Grenoble Isere Airport

Red Trefoil Les Merciers
Tufted Vetch Les Merciers
Common Vetch Bois des Mures
Bush Vetch La Moliere

Beech Family

Beech Foret de Malaterre

Downy Oak Presles

Gentian Family

Clusius's Gentian (Over) Font d'Urle
Cross Gentian Les Merciers

Yellow Gentian Route Forestiere, Autrans

Field Gentian Font d'Urle

Geranium Family

Common Stork's-bill La Chapelle en Vercors Long-stalked Crane's-bill Fontane de Petouze Cut-leaved Crane's-bill Grenoble Isere Airport

Shining Crane's-bill Preles

Dove's-foot Crane's-bill Grenoble Isere Airport

Hedgerow Crane's-bill Les Merciers
Herb Robert Les Merciers
Wood Crane's-bill Lans en Vercors

Globularia Family

Matted Globularia Les Merciers
Common Globularia Font d'Urle

Gooseberry Family

Mountain Currant Les Merciers

Red Currant Route Forestiere, Autrans Wild Gooseberry Route Forestiere, Autrans

Walnut Family

Walnut Planted

Dead-nettle Family

Common Hempnettle

Alpine Basil Thyme La Moliere
Blue Bugle Les Merciers
Large-flowered Calamint Foret de Malaterre
Wild basil Les Merciers

Foret de Malaterre

Lamium garganica Large Red Deadnettle Les Merciers

Lamium purpureum Red Deadnettle La Chapelle en Vercors

Lavandula officinalis Lavender La Moliere Gypsywort Lycopus europaeus Les Bruveres Mentha aquatica Water Mint Les Bruveres Mentha longifolia Horse Mint Les Bruyeres Oreganum vulgare Marjoram Les Merciers Prunella grandiflora Large-flowered Self-heal Presles

Prunella vulgaris Self-heal Foret de Malaterre

Salvia pratensisMeadow ClaryCommonSideritis hyssopifoliaSideritisLes Merciers

Stachys alpina Alpine Woundwort Route Forestiere, Autrans

Stachys officinalisBetonyNear La ChapelleStachys rectaYellow WoundwortLes MerciersTeucrium chamaedrysWall GermanderLes MerciersTeucrium montanumMountain GermanderLes MerciersThymus polytrichisWild ThymeLes Merciers

Linaceae Flax Family

Linum catharticum Purging or Fairy Flax Foret de Malaterre

Linum suffruticosum ssp. salsoloides Pyrenean Flax Presles

Loranthaceae Mistletoe Family

Viscum album subsp. album Mistletoe South of Lyon

Lythraceae Loosestrife Family

Lythrum salicaria Purple Loosestrife Les Bruyeres

Onagraceae Willowherb Family

Chamerion angustifolium Rosebay Willowherb La Moliere

Epilobium alpestre - Route Forestiere, Autrans

Epilobium fleischeriAlpine WillowherbCol de la ChauEpilobium hirsutumHairy WillowherbLes Jarrands

Epilobium montanum Broad-leaved Willowherb Route Forestiere, Autrans

Orobanchaceae Broomrape Family

Orobanche laserpitii-sileris Laserpitium Broomrape Route Forestiere, Autrans

Oxalidaceae Wood-sorrel Family

Oxalis acetosella Wood-sorrel Bois des Mures

Papaveraceae Poppy Family

Chelidonium majusGreater CelandinePont en RoyansPapaver rhoeasCorn PoppyLans en Vercors

Plantaginaceae Plantain Family

Plantago lanceolataRibwort PlantainCommonPlantago majusGreater PlantainLans en VercorsPlantago mediaHoary or Lamb's-tail PlantainLes Merciers

Plumbaginaceae Thrift Family

Armeria maritima subsp. alpina Mountain Thrift Font d'Urle

Polygalaceae Milkwort Family

Polygala alpina Alpine Milkwort Font d'Urle

Polygala nicaeensis

Nice Milkwort

Knotweed Family

Bistort

Sorrel

Font d'Urle

Font d'Urle

Font d'Urle

Common in Meadows

Foret de Malaterre

Polygonaceae

Persicaria bistorta Rumex acetosa

Rumex crispus

Rumex scutatus

Anagallis arvensis

Androsace villosa (Over)

Lysimachia nummularia

Primula veris (Leaves)

Primulaceae

Primrose Family

Curled Dock

French Sorrel

Scarlet Pimpernel Common
Woolly Rock-jasmine Font d'Urle
Creeping Jenny Les Jarrands
Cowslip Font d'Urle

Pyrolaceae

Monotropa hypopitys Pyrola media Wintergreen Family

Yellow Bird's-nest Bois de Mures Intermediate Wintergreen Bois de Mures

Ranunculaceae

Aconitum anthora

A.lycoctonum subsp. vulparia

Aconitum napellus
Actaea spicata
Aquilegia vulgaris
Caltha palustris
Clematis vitalba
Helleborus foetidus
Ranunculus aconitifolium

Ranunculus acris

Thalictrum aquilegifolium

Thalictrum minus

Buttercup Family

Yellow Monkshood Col de la Machine Wolf's-bane Foret de Malaterre

Common Monkshood Font d'Urle

Baneberry Route Forestiere, Autrans

Columbine Foret de Malaterre
Kingcups Les Merciers
Old Man's-beard Les Merciers
Stinking Hellebore Bois de Mures

Aconite-leaved Buttercup Route Forestiere, Autrans

Meadow Buttercup Font d'Urle

Great Meadow-rue Route Forestiere, Autrans

Lesser Meadow-rue Les Merciers

Resedaceae

Reseda lutea Wild Mignor

Wild Mignonette Below the Col de Rousset

Rhamnaceae

Frangula alnus Rhamnus alpinus Rhamnus catharticus **Buckthorn Family**

Mignonette Family

Alder Buckthorn Route Forestiere, Autrans

Alpine Buckthorn Les Merciers
Buckthorn Presles

Rosaceae

Agrimonia eupatorium Alchemilla alpina Alchemilla glabra Aruncus dioicus

Cotoneaster integerrimus Crataegus monogyna Fragaria vesca Filipendula ulmaria

Geum montanum Geum urbanum Potentilla caulescens Potentilla crantzii Potentilla hirta Potentilla reptans **Rose Family**

Agrimony Lans en Vercors
Alpine Lady's Mantle Les Merciers
Smooth Lady's Mantle Les Merciers
Goats-beard Spiraea Foret de Malaterre

Wild Cotoneaster

Hawthorn

Wild Strawberry

Meadowsweet

Alpine Avens

La Moliere

Common

Les Merciers

Lans en Vercors

Font d'Urle

Wood Avens or Herb Bennet Route Forestiere, Autrans

Lax Potentilla Presles
Alpine Cinquefoil Font d'Urle
Hairy Cinquefoil Les Geymonds
Creeping Cinquefoil Lans en Vercors

Prunus avium Rosa pendulina Rubus idaeus Rubus fruticosus agg

Rubus saxatilis Sanguisorba minor agg

Sanguisorba officinalis Sorbus aria agg Sorbus aucuparia

Rubiaceae

Asperula rupicola Cruciata laevipes Galium aparine Galium mollugo Galium odoratum Galium verum Sheradia arvensis

Salicaceae

Populus tremula Salix alba Salix caprea Salix cinerea Salix purpurea

Saxifragaceae

Saxifraga exarata subsp.delphinensis Saxifgraga granulata (Leaves) Saxifraga oppositifolia (Leaves) Saxifraga paniculata (S. aizoon)

Saxifraga rotundifolia

Scrophulariaceae

Antirrhinum latifolium Cymbalaria muralis Digitalis ambigua Digitalis lutea Digitalis purpurea Erinus alpinus

Euphrasia rostkoviana Linaria repens

Linaria vulgaris

Melampyrum nemorosum
Melampyrum pratense
Rhinanthus angustifolius agg
Rhinanthus minor agg
Scrophularia auriculata
Scrophularia canina
Scrophularia nodosa
Verbascum nigrum
Verbascum phlomoides
Verbascum pulverulentum

Veronica arvensis Veronica beccabunga Wild Cherry Les Merciers

Alpine Rose Fontane de Petouze

Raspberry
Bramble
Stone Bramble
Salad Burnet
Greater Burnet
Whitebeam
Rowan
Les Merciers
Common
Bois des Mures
Col de la Chau
Lans en Vercors
Les Merciers
Bois des Mures

Bedstraw Family

A Squinancywort Les Merciers
Crosswort La Moliere
Cleavers Les Merciers

Hedge Bedstraw Route Forestiere, Autrans

Sweet Woodruff Bois des Mures Ladies Bedstraw Font d'Urle Field Madder Common

Poplar & Willow Family

Aspen Les Merciers
White Willow Les Jarrands
Goat Willow Les Merciers

Grey Willow Route Forestiere, Autrans

Delete?

Purple Willow Lans en Vercors

Saxifrage Family

Musky Saxifrage Font d'Urle
Meadow Saxifrage Common
Purple Saxifrage Font d'Urle
Live-long Saxifrage Les Merciers

Round-leaved saxifrage Route Forestiere, Autrans

Figwort Family

Near Presles Ivy-leaved Toadflax Pont en Royans Foret de Malaterre Large Yellow Foxglove Small Yellow Foxglove Les Merciers Foxglove Common Fairy Foxglove Col de la Chau Evebright Font d'Urle Striped Toadflax Les Merciers Common Toadflax **Near Presles** Cow-wheat

Cow-wheat Foret de Malaterre
Common Cow-wheat Foret de Malaterre
Greater Rattle Route Forestiere, Autrans

Hay Rattle Route Forestiere, Autrans Water Figwort Bois des Mures

Water Figwort Bois des Mure
Dog Figwort Les Merciers

Common Figwort Route Forestiere, Autrans
Dark Mullein Les Merciers

Orange Mullein Grenoble Isere Airport

Hoary Mullein Roadsides South of Lyon

Wall Speedwell Les Merciers

Brooklime Fontane de Petouze

Veronica chamaedrysGermander SpeedwellLes MerciersVeronica officinalisHeath SpeedwellGresse en VercorsVeronica serpyllifoliaThyme-leaved SpeedwellFont d'UrleVeronica spicataSpiked SpeedwellFont d'Urle

Tiliaceae Lime Family

Tilia cordataSmall-leaved LimeLes JerrandsTilia platyphyllosLarge-leaved LimeFontane de Petouze

Thymelaeaceae Mezereon Family

Daphne laureolaSpurge LaurelForet de MalaterreDaphne mezereumMezereonFont d'Urle

Urticacae Nettle Family

Parietaria judaicaPelitory-of-the-WallLans en VercorsUrtica dioicaCommon NettleLans en Vercors

Valerianaceae Valerian Family

Centranthus angustifolius-Gresse en VercorsCentranthus ruberRed ValerianLa Chapelle en VercorsValeriana officinalisCommon ValerianLes Bruyeres

 Valeriana officinalis
 Common Valerian
 Les Bruyeres

 Valeriana tripteris
 Three-leaved Valerian
 Font d'Urle

Verbenaceae Vervain Family

Verbena officinalis Vervain Grenoble Isere Airport

Violaceae Violet Family

Viola rivinianaCommon Dog VioletLa MoliereViola tricolor subsp. subalpinaHeartseaseFont d'Urle

Liliidae (Monocotyledons)

CyperaceaeSedge FamilyCarex caryophylleaSpring SedgeFont d'UrleCarex divulsaGrey SedgeLans en Vercors

Carex flacca Glaucous Sedge Route Forestiere, Autrans

Carex ovalis Oval Sedge La Moliere

Carex spicataSpiked SedgeRoute Forestiere, AutransCarex sylvaticaWood SedgeForet de Malaterre

Scirpus sylvaticus Wood Club-rush Les Bruyeres

Dioscoreaceae Black Bryony Family

Tamus communis Black Bryony Route Forestiere, Autrans

Juncaceae Rush Family

Juncus articulatusJointed RushNear Gresse en VercorsJuncus bufoniusToad RushNear Gresse en VercorsJuncus conglomeratusCompact RushNear Gresse en Vercors

Juncus effususSoft RushLes BruyeresJuncus inflexusHard rushLans en VercorsLuzula forsteriSouthern WoodrushFont d'Urle

Luzula luzuloides White Woodrush Route Forestiere, Autrans

Luzula nivea Snowy Woodrush Bois des Mures

Luzula sylvatica Greater Woodrush Route Forestiere, Autrans

Liliaceae

Allium oleraceum Allium rotundum

Allium senescens subsp. montanum

Allium sphaerocephalon Anthericum ramosum Convallaria majalis Lilium martagon Paris quadrifolia

Polygonatum verticillatum

Ruscus aculeatus Veratrum album

Orchidaceae

Anacamptis pyramidalis
Cephalanthera rubra
Dactylorhiza fuchsii
Epipactis atrorubens
Epipactis helleborine
Epipactis microphylla
Epipactis muelleri
Epipogium aphyllum
Goodyeara repens

Gymnadenia austriaca var. gallica Gymnadenia conopsea subsp. conopsea Gymnadenia conopsea subsp. densiflora

Himantoglossum hircinum

Neottia nidus-avis Orchis ustulata Platanthera bifolia Traunsteinera globosa

Poaceae (Gramineae)

Agrostis capillaris
Agrostis gigantea
Agrostis stolonifera
Alopecurus aequalis
Arrhenatherum elatius
Anthoxanthum ordoratum
Brachypodium sylvaticum

Bromus ramosus Briza media

Calamagrostis epigejos Cynosurus cristatus Dactylis glomerata Elymus caninus Elytrigia repens Festuca arundinacea Festuca rubra agg Hordelymus europaeus

Lolium perenne Melica cilliata Melica nutans Millium effusum

Phagmites australis

Lily Family

Field Garlic Grenoble Isere Airport

- Presles
Mountain Onion Les Merciers
Round-headed Leek Font d'Urle
- Presles

Lily-of-the-Valley Route Forestiere, Autrans

Martagon Lily Foret de Malaterre
Herb Paris Bois des Mures
Whorled Solomon's Seal Mataterre
Butcher's-broom Bois des Mures

False White Helleborine La Moliere

Orchid Family

Pyramidal Orchid Les Merciers
Red Helleborine Les Merciers
Common Spotted Orchid Foret de Malaterre
Dark Red Helleborine Les Merciers
Broad-leaved Helleborine Bois des Mures
- Bois des Mures
- Bois des Mures
Ghost Orchid Bois des Mures

Ghost Orchid Bois des Mures
Creeping Ladies Tresses Bois des Mures
A Vanilla Orchid Font d'Urle

Fragrant Orchid Gresse en Vercors

Fragrant Orchid La Moliere

Lizard Ochid Near La Chapelle
Bird's-nest Orchid Bois des Mures (Over)

Burnt Orchid Les Merciers

Lesser Butterfly Orchid Route Forestiere, Autrans Round-headed Orchid Route Forestiere, Autrans

Grass Family

Creeping Bent

Common Bent Gresse en Vercors

Black Bent Near Grenoble Isere Airport

Les Bruveres

Orange Foxtail Les Bruyeres False Oat-grass La Moliere **Sweet Vernal Grass** Les Merciers False Brome Foret de Malaterre Wood Brome Les Merciers **Quaking Grass** Font d'Urle Wood Small Reed Bois des Mures Gresse en Vercors Crested Dog's-tail Cock's-foot Lans en Vercors **Bearded Couch** La Moliere Common Couch Lans en Vercors Tall Fescue Foret de Malaterre

Red Fescue Font d'Urle

Wood Barley Foret de Malaterre
Perennial Rye-grass Lans en Vercors
Soft Melick Col de la Chau
Mountain Melick Les Merciers

Wood Millet Route Forestiere, Autrans

Reed Les Bruyeres

Phalaris arundinacea Reed Canary Grass Les Jarrands Phleum bertolonii **Small Timothy** Gresse en Vercors Phleum pratense Timothy Gresse en Vercors Poa annua Lans en Vercors Annual Meadow-grass Poa nemoralis Wood Meadow-grass Les Merciers Sesleria caerulea Font d'Urle Blue Moor-grass

Setaria pumila Yellow Bristle-grass Grenoble Isere Airport
Trisetum flavescens Golden Oat Col de la Chau

Lower Plants - Liverworts

Diplophyllum albicans White Earwort **Near Presles** Scapania aspera Rough Earwort Roadside, Bois des Mures Plagiochila c.f. asplenioides **Greater Featherwort** Bois des Mures Plagiochila porelloides Lesser Featherwort **Near Presles** Pellia sp. Pellia La Moliere Pellia endiviifolia **Endive Pellia** Tunel d'Arbois

Great Scented Snakewort

Tunel d'Arbois

Lower Plants - Mosses

Conocephalum concium

Sphagnum russowii Russow's Bog-moss La Moliere Polytrichum strictum Strict Haircap La Moliere Ditrichum flexicaule Bendy Ditrichum Bois des Mures Dicranum majus Greater Fork-moss Bois des Mures Syntrichia ruralis subsp. ruralis Les Merciers **Grey Hairy Screw-moss** Pohlia wahlenbergii Pale Glaucous Thread-moss Tunel d'Arbois Rhizomnium punctatum **Dotted Thyme-moss** Near Presies Plagiomnium undulatum Hart's-tongue Thyme-moss Roadside, Bois des Mures Bois des Mures Plagiomnium affine Many-fruted Thyme-moss Tunnel d'Arbois Plagiomnium ellipticum Marsh Thyme-moss Bois des Mures Thuidium tamariscinum Common Tamarisk-moss Palustrella commutata Curled Hook-moss Tunel d'Arbois Common Striated Feather-Eurhynchium striatum Bois des Mures moss Kindbergia praelonga Common Feather-moss Tunel d'Arbois **Near Presles** Hypnum cupressiforme Cypress-leaved Plait-moss Roadside, Les Merciers Ctenidium molluscum Comb-moss Rhytidiadelphus triquetrus Big Shaggy-moss Bois des Mures

Lower Plants - Lichens

Collema tenax - Roadside, Les Merciers
Usnea subfloridana - Bois des Mures
Pseudevenia furfuracea - Bois des Mures
Hypogymnia physodes - Bois des Mures
Solorina saccata - Roadside, Bois des Mures
Peltigera sp. - Bois des Mures
Peltigera sp - Roadside, Bois des Mures

NB. Thanks go to Christina Hart-Davies for identifying the lower plants

Birds m (H = heard only)

						Jι	July			
	Common name	Scientific name	21	22	23	24	25	26	27	28
1	Mallard	Anus platyrhynchos			✓		✓			
2	Red-legged Partridge	Alectoris rufa		Н			Н			
3	Grey Heron	Ardea cinerea			✓					
4	Purple Heron	Ardea purpurea	✓							
5	Eurasian Griffon Vulture	Gyps fulvus			✓					
6	Golden Eagle	Aquila chrysaetos						✓		
7	Short-toed Eagle	Circaetus gallicus		✓	✓		✓			
8	Black Kite	Milvus migrans	✓		✓	✓				
9	Montagu's Harrier	Circus pygargus	✓							
10	Common Buzzard	Buteo buteo	✓		✓	✓	Н	Н	✓	
11	European Honey Buzzard	Pernis apivorus		✓	✓	✓	✓			
12	Eurasian Sparrowhawk	Accipiter nisus			✓					
13	Common Kestrel	Falco tinnunculus	✓		✓				✓	
14	Eurasian Hobby	Falco subbuteo						✓		
15	Peregrine Falcon	Falco peregrinus brookeri			✓					
16	Common Sandpiper	Actitis hypoleucos						Н		
17	Rock Dove / Feral Pigeon	Columba livia	✓	✓	✓	✓	✓	✓	✓	✓
18	Common Wood Pigeon	Columba palumbus	✓	✓	✓		✓	✓	✓	✓
19	Eurasian Collared Dove	Streptopelia decaocto	✓						✓	✓
20	European Turtle Dove	Streptopelia turtur							✓	
21	Eurasian Scops Owl	Otus scops						Н		
22	European Nightjar	Caprimulgus europaeus						√		
23	Common Swift	Apus apus	✓	✓	✓	✓	✓	✓	✓	✓
24	Alpine Swift	Apus melba			✓		✓	✓		
25	Black Woodpecker	Dryocopus martius			Н					
26	European Green Woodpecker	Picus viridis		Н		Н	Н	Н	Н	
27	Great-spotted Woodpecker	Dendrocopus major		Н		Н		✓	Н	
28	Common Skylark	Alauda arvensis					Н	Н	Н	
29	Eurasian Crag Martin	Ptyonoprogne rupestris		✓	✓					
30	Barn Swallow	Hirundo rustica	✓	✓	✓	✓	✓	✓	✓	✓
31	Common House Martin	Delichon urbica			✓	✓	✓	✓	✓	✓
32	Water Pipit	Anthus spinoletta			✓					
33	Tree Pipit	Anthus trivialis							✓	
34	White Wagtail	Motacilla alba	✓	✓	✓	✓	✓	✓	✓	✓
35	Grey Wagtail	Motacilla cinerea				✓	✓		✓	
36	White-throated Dipper	Cinclus cinclus				✓	✓			
37	European Robin	Erithacus rubecula		Н					√	
38	Black Redstart	Phoenicurus ochruros		✓	✓	√	√	✓	✓	✓
39	Northern Wheatear	Oenanthe oenanthe			✓					
40	Common Stonechat	Saxicola torquatus			✓		✓			
41	Mistle Thrush	Turdus viscivorus				✓	✓	✓		
42	Common Blackbird	Turdus merula	✓	✓	✓	✓	✓	✓	✓	✓
43	Ring Ouzel	Turdus torquatus							✓	
44	Rufous-tailed Rock Thrush	Monticola saxatilis					Н		<u> </u>	
45	Blackcap	Sylvia atricapilla	Н	Н	Н	Н	Н	Н	Н	Н
46	Common Whitethroat	Sylvia communis	' '	' '	II ✓	- ' '	- ' '	- 11	11	11
47	Common Grasshopper Warbler	Locustella naevia			_				Н	
48	Common Chiffchaff	Phylloscopus collybita		Н	Н	Н	Н		Н	-
+0	Goldcrest	Regulus regulus		11	11	11	11		11	-

						Jι	ıly			
	Common name	Scientific name	21	22	23	24	25	26	27	28
50	Firecrest	Regulus ignicapillus			Н	Н	Н	Н		
51	Winter Wren	Troglodytes troglodytes								
52	Great Tit	Parus major			✓	✓	✓	✓	✓	✓
53	Coal Tit	Periparus ater		✓	✓	✓	✓	✓	✓	
54	European Blue Tit	Cyanistes caeruleus	Н	✓		Н		✓		
55	Crested Tit	Lophophanes cristatus			✓	✓				
56	Willow Tit	Poecile montanus					✓			
57	Long-tailed tit	Aegithalos caudatus						Н		
58	Eurasian Nuthatch	Sitta europaea		✓			Н			
59	Red-backed Shrike	Lanius collurio			✓				✓	
60	Common Magpie	Pica pica	✓	✓	✓	✓		✓	✓	
61	Eurasian Jay	Garrulus glandarius		✓	✓	✓	✓	✓		
62	Western Jackdaw	Corvus monedula	✓				✓			
63	Alpine Chough	Pyrrhocorax graculus			✓			✓		
64	Rook	Corvus frugilegus	✓							
65	Carrion Crow	Corvus corone	✓	✓	✓	✓	✓	✓	✓	✓
66	Common Raven	Corvus corax				✓		✓	Н	
67	Common Starling	Sturnus vulgaris	✓							✓
68	House Sparrow	Passer domesticus	✓	✓	✓	✓	✓	✓	✓	✓
69	Common Chaffinch	Fringilla coelebs	Н	✓	✓	✓	✓	✓	✓	✓
70	Common Linnet	Acanthis cannabina			✓					
71	European Goldfinch	Carduelis carduelis	✓	✓	✓	✓	✓	✓	✓	✓
72	European Greenfinch	Carduelis chloris	Н	✓	Н			Н		
73	European Serin	Serinus serinus	Н	✓	✓	Н	Н	Н	✓	✓
74	Common Crossbill	Loxia curvirostra				Н				
75	Yellowhammer	Emberiza citrinella		✓	✓					
76	Cirl Bunting	Emberiza cirlus	Н	Н						
77	Corn Bunting	Miliaria calandra	✓							

Butterflies

						Jul	у			
	Common name	Scientific name	21	22	23	24	25	26	27	28
1	Hespe	eriidae								
2	Dingy Skipper	Erynnis tages				✓				
3	Marbled Skipper	Carcharodus lavatherae	✓						✓	
4	Oberthur's Grizzled Skipper	Pyrgus armoricanus		✓		✓		✓		
5	Rosy Grizzled Skipper	Pyrgus onopordi						✓		
6	Small Skipper	Thymelicus sylvestris		✓		✓	✓	✓	✓	
7	Essex Skipper	Thymelicus lineolus			✓	✓		✓		
8	Lulworth Skipper	Thymelicus acteon					✓			
9	Large Skipper	Ochlodes venatus		✓		✓	✓	✓	✓	
10	Papili	onidae								
11	Apollo	Parnassius apollo		✓	✓	✓		✓	✓	
12	Scarce Swallowtail	Iphiclides podalirius	✓				✓		✓	
13	Swallowtail	Papilio machaon						✓		
14	Pier	ridae								
15	Wood White	Leptidea sinapis					✓		✓	
16	Black-veined White	Aporia crataegi		✓		✓	✓	✓	✓	
17	Large White	Pieris brassicae	✓	✓	✓	✓	✓	✓	✓	
18	Small White	Pieris rapae	✓	✓			✓	✓		

						Jul	У			
	Common name	Scientific name	21	22	23	24	25	26	27	28
19	Mountain Clouded Yellow	Colias phicomone					✓			
20	Berger's Clouded Yellow	Colias alfacariensis		✓			✓			
21	Clouded Yellow	Colias crocea	✓	✓						
22	Cleopatra	Gonepteryx cleopatra					✓			
23		nenidae								
24	Ilex Hairstreak	Satyrium ilicis							✓	
25	Scarce Copper	Lycaena virguareae			✓	✓	✓		✓	
26	Holly Blue	Celastrina argiolus					✓			
27	Large Blue	Maculinea arion					✓		✓	
28	Damon Blue	Agrodiaetus damon						✓	✓	
29	Chapman's Blue	Polyommatus thersites				✓				
30	Common Blue	Polyommatus icarus					✓			
31	Chalk-Hill Blue	Lysandra coridon		✓						
32	Brown Argus	Aricia agrestis		✓		/	✓	/	✓	
33	Mountain Argus	Aricia artaxerxes		✓	✓			√	✓	
34	Idas Blue	Plebejus idas		· ·	·			-	_	\vdash
35		phalidae		<u> </u>						-
36	White Admiral	Limenitis camilla					✓	✓		-
	Southern White Admiral	Limenitis reducta					∨	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		⊬
37						/	∨			-
38	Small Tortoiseshell	Aglais urticae				'	∨ ✓			-
39	Red Admiral	Vanessa atalanta					V	✓		-
40	Comma Butterfly	Polygonia c-album				✓				<u> </u>
41	Heath Fritillary	Mellicta athalia		✓		✓	√	√		<u> </u>
42	Silver-washed Fritillary	Argynnis paphia					✓	√	√	
43	Dark Green Fritillary	Argynnis aglaja						✓	✓	
44	Niobe Frtitillary	Argynnis niobe			✓		✓			
45	Marbled Fritillary	Benthis daphnae				✓				
46	Titania's Fritillary	Boloria titania				✓		✓		
47	False Heath Fritillary	Melitaea diamina								
48	Spotted Fritillary	Melitaea didyma		✓					✓	
49	Sat	yrinae								
50	Speckled Wood	Pararge aegeria			✓		✓			
51	Wall Brown	Lasiommata megera		✓		✓				
52	Large Wall Brown	Lasiommata maera		✓					✓	
53	Pearly Heath	Coenonympha arcania		✓		✓			✓	
54	Small Heath	Coenonympha pamphilus						✓	✓	
55	Gatekeeper	Pyronia tithonus					✓	✓	✓	
56	Ringlet	Aphantopus hyperantus				✓	✓			
57	Meadow Brown	Maniola jurtina		✓	✓	✓	✓	✓	✓	
58	Arran Brown	Erebia ligea		✓			√	✓	✓	
59	Scotch Argus	Erebia aethiops		✓						
60	Almond-eyed Ringlet	Erebia alberganus			✓	✓		✓	✓	
61	Common Brassy Ringlet	Erebia cassioides			✓			✓		
62	Bright-eyed Ringlet	Erebia oeme	+				✓			\vdash
63	Marbled White	Melanargia galathea		✓	✓	/	✓	✓	√	+
64	Great Banded Grayling	Brintesia circe	✓	· ·	· ·	<u> </u>	· ·	✓	i i	\vdash
65	Dryad	Minois dryas	+ -	<u> </u>			→	ļ -		\vdash
66	Great Sooty Satyr	Satyrus ferula		✓	✓		V ✓		✓	-
	· · ·	•		✓	-		ļ ,		ļ ,	-
67	Rock Grayling	Hipparchia alcyone		_ v						

					Jul	y			
Common name	Scientific name	21	22	23	24	25	26	27	28

Moths (N= Nests, C= Caterpillar)

1	Forester	Adscita statices		✓						
2	Six Spot Burnet Moth	Zygaena filipendulae			✓	✓	✓	✓	✓	
3	Five Spot Burnet Moth	Zygaena trifolii				✓				
4	a Burnet Moth	Zygaena carniolica		✓					✓	
5	Transparent Burnet Moth	Zygaena osterodensis				✓			✓	
6	Silver-ground Carpet	Xanthorhoe montanata					✓	✓		
7	Shaded Broad-bar	Scotopteryx chenopodiata								
8	Small Argent & Sable	Epirrhoe rivata						✓		
9	Purple Treble-bar	Aplocera praeformata						✓		
10	Chimney Sweeper	Odezia atrata		✓						
11	Common Heath	Ematurga atomaria				✓			✓	
12	Barred Red	Hylaea fasciaria f. prasinaria						✓		
13	Hummingbird Hawkmoth	Macroglossum stellatarum	✓				✓		✓	
14	Pine Processionary Moth	Thaumetopoea pityocampa		N		N	N		N	
15	Cream-spot Tiger	Arctia villica britannica				✓				
16	Brown-line Bright-eye	Mythimna conigera					✓			
17	Water Betony	Shargacucullia scrophulariae				С				
18	Silver Y	Autographa gamma							✓	
19	Plain Golden Y	Autographa jota			✓					
20	Gold Spangle	Autographa bractea			✓					
21	Burnet Companion	Euclidia glyphica				✓			✓	

Other Invertebrates

						Jul	у			
	Common name	Scientific name	21	22	23	24	25	26	27	28
1	Banded Damoiselle	Calopteryx splendens						✓		
2	Beautiful Damoiselle	Calopteryx virgo		✓				✓		
3	Blue-tailed Damselfly	Ischnura elegans						✓		
4	Common Blue Damselfly	Enallagma cyathigerum		✓						
5	Blue Featherleg	Platycnemis pennipes						✓		
6	White Featherleg	Platycnemis latipes						✓		
7	Southern Hawker	Aeshna cyanea					✓			
8	Yellow-winged Darter	Sympetrum flaveolum							✓	
9	Scarlet Darter	Crocothemis erythraea						✓		
10	Red-winged Grasshopper	Oedipoda germanica			✓					
11	Speckled Bush-cricket	Leptophyes punctatissima							✓	
12	Great Green Bush-cricket	Tettigonia viridissima							✓	
12	Wart-biter	Decticus verrucivorus	✓		✓	✓		✓	✓	
14	Dark Bush-cricket	Pholidoptera griseoaptera				✓	✓			
15	Cricket sp.	Gampsocleis glabra							✓	
16	Shield Bug	Graphosoma italicum		✓			✓	✓		
17	Shield Bug	Caprocoris fuscispinus					✓			
18	Sloe Bug	Dolycoris baccarum				✓				
19	Gendarme Bug	Lygaeus equestris				✓				
20	Common Pond Skater	Gerris lacustris						✓		
21	Hoverfly	Volucella zonaria		✓				✓		
22	Hoverfly	Volucella pellucens		✓		✓	✓	✓	✓	
23	Wood Ant	Formica rufa		✓	✓	✓	✓	✓	✓	

		2	July										
	Common name	Scientific name	21	22	23	24	25	26	27	28			
24	Carpenter Bee	Xylocopa violacea				✓							
25	Buff-tailed Bumble Bee	Bombus terrestris		✓		✓	✓	✓	✓				
26	Honey Bee	Apis millifera		✓			✓	✓					
27	Bee Beetle	Trichius fasciatus		✓									
28	Soldier Beetle	Trichodes alvearius		✓									
30	7-Spot Ladybird	Coccinella 7-punctata		✓		✓	✓	✓	✓				
31	Longhorn Beetle	Strangalia maculata		✓		✓			✓				
32	Leaf Beetle	Cryptocephalus sp.		✓		✓							
33	Black Weevil	Liparus glabrirostris						✓					
34	Wasp Spider	Agriope bruennichi					✓						
35	Crab Spider (White)	Misumena vatia						✓	✓				

Mammals

			July								
	Common name	Scientific name	21	22	23	24	25	26	27	28	
1	Daubenton's Bat	Myotis daubentonii			✓						
2	Pipistrelle sp.	Pipistrellus sp.			✓			✓			
3	Red Fox	Vulpes vulpes						✓			
4	Alpine Marmot	Marmotta marmotta			✓						
5	European Beaver	Castor fiber						✓			

Amphibians & Reptiles

			July									
	Common name	Scientific name	21	22	23	24	25	26	27	28		
1	Common Frog	Rana temporaria				✓						
2	Agile Frog	Rana dalmatina					✓					
3	Edible Frog	Rana esculenta		✓								
4	Common Wall Lizard	Podarcis muralis	✓									
5	Grass Snake	Natrix natrix					✓					

Molluscs

						Jul	y			
	Common name	Scientific name	21	22	23	24	25	26	26	28
1	Roman Snail	Helix pomatia	✓			✓	✓			