

# The Vercors

## *Gateway to Provence*

### A Greentours Natural History Holiday

26<sup>th</sup> May to 2<sup>nd</sup> June 2006

Led by Paul Cardy

Trip Report written by Paul Cardy

#### **Day 1          Friday 26<sup>th</sup> May          Arrival**

Rosemary, Ursula, Brenda and I met up at Lyon Airport and were on our way towards Grenoble and the Vercors. The weather was fine with scattered cloud but fortunately none of the forecast rain. As we neared Grenoble the limestone massifs of the Chartreuse and the Vercors came into view, the sun gleaming white on the rock. We left the motorway and climbed up onto the Vercors massive. We drove along a gorge and then a minor road took us up to the top of the gorge where we spent a very enjoyable hour in tranquil flower rich habitat.

Sadly the hoped for Wallcreeper was not seen today, we had watched one here for ten minutes last year, although Rosemary thought she may have seen one in flight. Crag Martins and Kestrels flew in the gorge below, Cuckoo called and Black Redstart was seen. There were several butterflies on the wing in the afternoon sunshine including Orange-tips, Berger's Clouded Yellow and Dingy Skipper. This small rocky outcrop was like a rock garden. The blue of *Globularia bisnagarica* combined with the pink of *Anthyllis montana* and the yellow of *Helianthemum canum*, *Potentilla neumanniana* and *Alyssum alyssoides*, to give a fine show.

The stunning blue *Gentiana angustifolia* stood out, whilst *Polygala calcarea* and *Amelanchier ovalis* were also admired. Saxifrages were represented by *Saxifraga paniculata*, *Saxifraga tridactylites* and *Saxifraga bulbifera*. Humming-bird Hawk-moths were nectaring and among the other moths seen were Speckled Yellow and Latticed Heath. French Figwort was in fine flower. Nearby we stopped to look at some Elder-flowered Orchids and also saw *Ranunculus aconitifolius* and *Cardamine heptaphylla*. We arrived at our beautiful tranquil hotel in the late afternoon and settled in before enjoying a very good and welcome dinner with good wine.

#### **Day 2          Saturday 27<sup>th</sup> May          Echeveys, Col de Mezelier and Presles**

The day started rather cloudy but we were blessed with mostly sunny weather and it was rather warm. We drove south noting many flowers on the verges, St. Bernard's Lilies were common. We spent far longer than intended at the first stop, there was so much to see, indeed most of the morning was taken up here. There were many orchids, and near the car we found Twayblades, Fly Orchids, Sword-leaved Helleborines, Lesser Butterfly Orchids, Man Orchid, and Fragrant Orchid. Further along was a fine show of Pyramidal Orchids, several *Ophrys araneola* which

had gone over, many *Ophrys fuciflora*, a lone Monkey Orchid, and Lady Orchid. There was much dogwood in flower and this proved very attractive to butterflies of which many were on the wing, with Large Tortoiseshell and Southern White Admiral among other species nectaring on the flowers. Good finds were three Chequered Skippers, and Duke of Burgundy. Scarce Swallowtails belied their name. Pearly Heath was also here. The attractive *Trifolium rubens* was in flower, as were *Fumana procumbens*, *Stachys recta*, and *Ajuga chamaepitys*. Among the shrubby legumes were *Cytisus sesilifolius* and *Coronilla emerus*. A Sparrowhawk flew over and Blackcaps and Chiffchaffs sang from the bushes.

Once through Pont en Royans we took a minor road through lovely scenery and flower rich meadows to the Col de Mezelier. Here after much searching we found the hoped for endemic *Ophrys drumana*, with some of the flowers still in good condition. A lone Bee Orchid was here too and more Late Spiders, and several Violet Limodores and Burnt-tip Orchids. A Narrow-bordered Bee-hawk Moth and Humming-bird Hawk both buzzed around the meadow. Pearl-bordered and Spotted Fritillaries were on the wing, and Provence Chalk-hill, Chapman's and Adonis were among the Blues. Among the many plants were the attractive yellow legume *Argyrolobium zanonii*, and the diminutive *Thesium divaricatum*. The tiger moth I found here was *Hyphoraia testudinaria*. Other moths seen today included Latticed Heath, Burnet Companion, Mother Shipton, Speckled Yellow, Clouded Buff, Lace Border and Black-veined.

Nearby I prepared our first picnic lunch in a quiet grassy spot in the sunshine. After enjoying the selection of fresh bread, cheeses, meats, olives, pate, fruit, sweets, wine, juice etc. etc. we returned to the Col for a further exploration. During lunch a Hornet kept us entertained and in the adjacent meadow we found several *Orobanche gracilis* parasitic on legumes.

We drove down into the valley and then up a very narrow road towards the village of Presles and some very impressive cliffs. The first stop found Lizard Orchids only in bud, the unusual *Leuzia conifera* in bud, and *Dianthus sylvestris* in flower. Nearby we saw *Ornithogalum pyrenaicum* from the vehicle. At the top of the valley there were many cars, many belonging to climbers some of whom we saw but did not envy clinging to the sheer rock faces. The grassy slope at the top of the cliffs produced a good surprise in the form of *Orchis tridentata*, several of which were here. The large umbellifer *Laserpitium siler* was much in evidence, and below the cliffs its relative *Laserpitium gallicum* was common. Provençal Fritillary was on the wing.

Another minor road took us to a rocky roadside bank where we found a subtly different flora. Here were two Lizard Orchids in flower, and several Violet Limodores. There was a single *Gladiolus italicus* and a few Caper Spurges. A Southern White Admiral took a liking to Brenda, landing on her hand, and was rather reluctant to leave. Another was then seen ovipositing on Honeysuckle. Our return journey took us via Pont en Royans and thence along the Bourne Gorge to St.Julien where we reflected on a very productive and enjoyable first day and enjoyed the home-cooked dinner with a few glasses of Crozes Hermitage.

### **Day 3            Sunday 28<sup>th</sup> May            Font d'Urle, Col de la Bataille and Leoncel**

The weather was beautiful this morning, although rather windy. After a couple of stops for supplies we were on our way to the alpine pastures of Font d'Urle, at some 1500m. First we explored a slope where the snow had evidently only just melted. Indeed not too far away were a few very small patches of snow remaining. This area was still white, but now with the flowers of *Ranunculus kuepferi*. On the bare earth of the most recent snow-melt were purple and white

forms of *Crocus albiflorus*, and a lone *Erythronium dens-canis* was still in bloom. This latter species was abundant here in seed. Various yellow flowers were a feature of this site, such as *Ranunculus montanus*, *Geum montanum*, *Trollius europaeus*, *Potentilla aurea*, and *Barbarea vulgaris*. The beautiful Horned Pansy turned large areas purple, and *Viola tricolor* was here too. There was much *Narcissus poeticus* and a few *Narcissus pseudonarcissus* in flower. Elder-flowered Orchids were not uncommon and we located three of the purple form.

Our visit was accompanied by the songs of Skylarks, Wheatears, Tree Pipits and Black Redstarts and Alpine Choughs were regular overhead. A single Queen-of-Spain Fritillary was seen. We walked across to another recent snow patch where a little still remained. Here were a few *Gagea fistulosa* and some fine patches of *Gentiana verna*. On the boulders were *Saxifraga exarata* and *Thlaspi montanum*. Further up towards the top of the slope Spring Gentian became more numerous, and there was some fine *Gentiana angustifolia*. A very good find was *Androsace villosa* of which there were several fine cushions in flower. The views were sublime but it was extremely windy so we retreated to the vehicle.

After a snack of a wild strawberry tart we set off through some of the extensive spruce woodlands of the Vercors. In one area we found some Bird's-nest Orchids in bud. We climbed up to the Col de la Bataille where we stopped for more fine views. Large Tortoiseshell was here, and a few more were seen later, and *Alyssum montanum* was in bloom. We descended to the beautiful village of Leoncel and took the road west and found a peaceful wooded picnic site. Whilst I set up and prepared the lunch the ladies did some exploring and found all sorts of good things.

After a leisurely lunch we spent some time exploring the site. Butterflies on the wing included Pearl-bordered Fritillary, Large Wall Brown and Common Blue. Mountain Clover was common, and there were some fine Clove-scented Broomrapes parasitic on *Galium*. Woodland orchids were a feature. At the lunch stop was a perfect group of *Cephalanthera damasonium* and a little further up the slope a similarly fine group of *Cephalanthera longifolia*. Bird's-nest Orchids were in good flower here, and there were several *Dactylorhiza fuchsii*. Lesser Butterfly Orchid, Common Twayblade, Man Orchid, Pyramidal Orchid and Late Spider Orchid were all here too. *Lathyrus niger* was rather common and Winged Broom was in bloom. Dragon's Teeth and Tormentil were added to the list. A woodland stop near Leoncel produced Woodruff, Yellow Archangel and Wood Spurge. After a stop for photos of the twelfth century Cistercian abbey in Leoncel the ladies wanted to look inside so we had a short stop there. On the way back to the hotel via the Royans valley we stopped to admire some *Campanula medium* in fine flower on the roadside. Back near St. Julien we found *Cotoneaster tomentosa*, *Arabis turrita*, *Cardamine impatiens*, *Geranium sylvaticum* and various ferns.

#### **Day 4            Monday 29<sup>th</sup> May            Hauts Plateaux**

We spent the day on the Hauts Plateaux reserve, the centrepiece of the Vercors. The weather was very changeable with ominous dark clouds constantly gathering and dispersing but we remained dry for more or less the whole day. The morning was taken up with a longish walk, initially through spruce forest and then out into open alpine grassland. To lessen the distance somewhat for the ladies I drove them a short way along the track to near a forest chalet. We were intercepted however by an officious forester who begrudgingly let me drop the group before driving back out to the car park.

Once reunited we set off at a slow but steady pace along the more or less level track. *Globularia nudicaulis* was abundant and we saw three other species of *Globularia* today, namely *Globularia bisnagarica*, *Globularia repens* and *Globularia cordifolia*. There were many fine Early Purple and Elder-flowered Orchids. Under the trees *Oxalis acetosella* was in bloom. There were a few Spring Gentians and large patches of Scented Solomon's Seal. Where snow had recently melted at the foot of the rocks was a fine show of Alpine Snowbell, with one lovely white form too.

Crested Tits and Firecrests were active in the spruce, and Orange-tips and Northern Wall Brown were on the wing. A stunning metallic green and bronze Carabid beetle was a pleasing find. There were several cushions of *Saxifraga exarata* in bloom on the tracksides, and *Draba aizoides* on the rocks. *Euphorbia verrucosa* was a stunning yellowish green. *Lonicera nigra* was common in bud. The pathside rocks had a good selection of ferns including Maidenhair Spleenwort, Green Spleenwort, Black Forest Spleenwort, Limestone Fern and Brittle Bladder Fern.

We emerged on to an extensive alpine meadow, and the first thing to catch our attention was the tulips. These were *Tulipa sylvestris* subspecies *australis* and they were in fine flower today with many hundreds here. The fragrant and beautifully coloured Garland Flower was also much admired. There were a few *Ranunculus kuepferi* and a few *Gentiana angustifolia*. We had a rather good spot of birding here. A Ring Ouzel sang from atop a spruce and I finally located it and we had a great view in the telescope. Further down another was seen. Tree Pipits sang constantly and we watched their aerial displays. A Wryneck was a great find, although seen only briefly, and a Griffon Vulture soared in the distance. A male Crossbill sat atop a spruce, whilst Bullfinch, Dunnock and Kestrel were also here. There was much evidence of rooting activity by Wild Boar.

It was time to tear ourselves away and walk slowly back for lunch. The clouds came and went but remarkably there was no rain. It was even rather warm when the sun shone. We enjoyed lunch at a picnic table in the woods at the reserve entrance. A few spots of rain came afterwards but were almost immediately followed by sunshine.

Our next target was *Orchis pallens*, very local here and particularly sought after by Rosemary. The first site I knew for it failed to produce any plants, but after a little searching at the second I located some fine spikes which were duly photographed. One plant was particularly striking, the large leaves being very attractive too. Alpine Pasque Flower was rather common and beautiful and both *Cardamine heptaphylla* and *Cardamine pentaphyllos* were numerous on the roadsides. There was much Lily-of-the-Valley in flower under the trees and a few Alpine Coltsfoot in flower. The beautiful *Rosa pendulina* prompted another stop and here too was *Moehringia muscosa*. There was much *Kerneria saxatilis* on the roadside rocks.

The last stop of the day was to look closely at some Military Orchids, we had passed many on the roadsides but hadn't had time to admire them properly. Also here were Fly Orchid and Fly Honeysuckle. The grey clouds were ferocious now and before long heavy rain would come. We drove back via La Chapelle, stopping briefly at our only known site for Green-winged Orchid, at which a brief sortie with an umbrella confirmed their continued existence.

Back at the hotel we enjoyed our last meal there and looked forward to the next few days in the south of the Vercors.

**Day 5****Tuesday 30<sup>th</sup> May****Transfer to Die via Beaufort area**

It was time to say farewell to the tranquil and comfortable hotel in St. Julien and head south towards Die where we would spend the next three nights. There had been some heavy rain showers during the night and the sky was full of black clouds this morning with intermittent showers. We travelled via the Bourne Gorge and Royans through Leoncel and then over the low Col de Bacchus to Beaufort. It was dry here but very windy and there was still a complex sky full of clouds.

Most of the morning was spent in an area of mixed woodland with dry open areas with a distinctive Mediterranean influence on the flora. We soon found the first of many Violet Limodores and a little later found a fine group under the trees. Red Helleborine was just coming into flower. *Thymus vulgaris* and *Dorycnium pentaphyllum* characterised the open areas and there were several *Convolvulus cantabrica* in flower. Back under the trees we found *Epipactis helleborine*, *Epipactis tremolsii*, *Epipactis muelleri* and possibly *Epipactis fageticola* all in leaf or bud. Nodding Wintergreen was also in bud. A pair of Great-spotted Woodpeckers called and flew from tree to tree.

The area had been heavily grazed by sheep this year but we still managed to locate a few poor specimens of *Ophrys drumana* and single Late Spider, Woodcock and Bee Orchids. Red-legged Partridges called and were flushed from the undergrowth. The blue *Aphyllanthes monspeliensis* was first noted here, and was generally abundant in the south of the Vercors. A short drive took us to some arable fields that supported a fine weed flora all but gone from Britain. In one small cereal crop flowered Cornflower, Corncockle, Corn Buttercup, Field Cow-wheat, Field Pansy, Thorow-wax, Shepherd's Needle, Venus's Looking-glass, and Pheasant's-eye, a beautiful display. Alpine and Common Swifts sped past and as usual Rock Sparrows were seen nesting in the boxes attached to the telegraph poles. We ate lunch at a riverside picnic table, with Bee and Lizard Orchids nearby and a Red Kite overhead.

The afternoon was spent driving slowly on a very quiet minor road towards Die, with several productive stops along the way. The flora was rather different here and several species were seen for the first time. Notable among these were *Astragalus hypoglottis*, *Ononis fruticosa*, *Onosma fastigiata*, *Teucrium montanum* and *Prunella laciniata*. Among the orchids were Man Orchids, Burnt-tips, Bee Orchid, and a very large Military Orchid. The final stop, in a small pine-wood supported some twelve orchid species with a Lady/Military hybrid being of particular interest, and Monkey Orchid. Pearl-bordered Fritillary, and single Pearly Heath and Red-underwing Skipper were seen.

We arrived in the pleasant market town of Die in the late afternoon and settled into the hotel in the centre of town, which allowed us to explore the local shops. Dinner was enjoyed in a restaurant overlooking the church and the main square.

**Day 6****Wednesday 31<sup>st</sup> May****Combeau Valley and Col de Menee**

The weather was very strange today, with the sun shining for much of the time but bitter cold, and icy winds. The snow started as frozen rain drops but in the afternoon there was snow proper, even blizzard-like at one point! Nevertheless we saw all I had hoped for today and had a very enjoyable time, we were just pleased to get into the warm vehicle whenever we could.

The first stop had a few fine plants of Lady's Slipper Orchid in perfect bloom. There were several Common Spotted Orchids and a fine Lady Orchid too. This is the only site at which we found the distinctive Shrubby Milkwort, and there were several *Gentiana angustifolia*. Among the willows were *Salix eleagnos* and *Salix purpurea*. There was much Swallow-wort in flower and a few Intermediate Wintergreens in bud.

Nearby we drove very slowly scouring the roadside along the only stretch where I have seen *Orchis spitzelii*. I was confident we would find this very local species here today, and it was Rosemary who spotted it first. There were five spikes in total, two of them in fine flower. Gentians were common as was *Polygala calcarea*. Nearby was the only plant of *Linaria supina* that we saw. Coal Tits were active in the pines. Above us towered very impressive cliffs and scree slopes. Despite a prolonged scan I failed to locate any Chamois here.

We emerged into the verdant Combeau valley where the meadows were full of Poet's Narcissus, Wood Cranesbill, Spignel, Alpine Wood Forget-me-not and many other fine plants. We parked and set out on foot, but the weather became suddenly worse and we had to brave driving snow and icy cold to admire the fine plants. On my last visit here, exactly the same day a year ago, there had been many butterflies on the wing in the sunshine, including a colony of Clouded Apollos. Swathes of both colour forms of Elder-flowered Orchids bloomed on the slopes, with many Early Purple Orchids. There were a few tulips still in good flower. We reached a wet flush and followed it downhill. There was a fine selection of sedges including *Carex otrubae*, *Carex davalliana*, and *Carex lepidocarpa*. The butterworts, mostly *Pinguicula grandiflora*, were numerous and very impressive. A great find was three Frog Orchids, a first for this tour. Alpine Bartsia, Marsh Marigold, Water Mint, Alpine Thrift, and Mountain Cornflower were all here too. We retreated down the valley a little and ate the picnic either in the warmth of the car.

The first stop of the afternoon had us admiring some truly fine stands of Lady's Slipper Orchids, and the sun was shining. Sword-leaved Helleborines were numerous, and a single White Helleborine was seen. A family of Crested Tits moved through the conifers. Nearby we had a woodland walk in search of Coralroot Orchid, and it was Rosemary who located two of them, particularly tiny here. Round-leaved Saxifrage bloomed beside the stream, and there was much Woodruff. We drove up to the Col de Menee and across to the other side, in the Departement of Isere. We had fine views east to the Ecrins National Park. A beautiful flowery meadow prompted a stop. *Dianthus sylvestris* bloomed on the rocks. Crag and House Martins were both common.

In the evening at one point the whole group found themselves in the excellent bookshop near the hotel and the surprisingly well-stocked natural history selection was duly raided. It was fortunate I had driven here and did not have to carry my purchases on to an aircraft! Dinner was eaten in a restaurant recommended by the hotel, the best thing about it being the very beautiful waitress.

## **Day 7            Thursday 1<sup>st</sup> June            Gorge du Gats, Borne, and Grimone**

It was the beginning of June now so of course we had no snow today! The weather was indeed better but there was still an occasional icy wind, especially in the afternoon. Our last day in the field saw us visiting several more sites east of Die in the morning, and exploring to the south in the afternoon.

First we stopped at the start of the Gorge du Gats. Rosemary soon located some Military Orchids to photograph and also here were some Violet Limodores, Man Orchids and Lady Orchids. This is usually a very good insect stop, but sadly the cool morning meant fewer were in evidence than usual. There were however a good number of Ascelaphids today and a Broad-bordered Bee-Hawk Moth was a good find. The longhorn beetle that I was excited about was the very attractive *Chlorophus varius*, a species associated with umbellifers. Further along the gorge we saw Grey Wagtails by the river and found *Phyteuma charmelii* in flower on the cliffs. Blue Lettuce, Goat's-beard and Bloody Cranesbill were noted too.

A side valley took us to the impressive weathered pillars of limestone called Les Succettes, which were duly photographed. Provençal Fritillary was on the wing. The *Ophrys araneola* along here had also gone over but there were some fine Lady Orchids. One flowery meadow was particularly attractive with much Meadow Clary, Lady's Bedstraw, Caraway, and Hoary Plantain. Here we found the only Clustered Bellflowers and *Ornithogalum umbellatum* of the tour. In the not too far distance was a very impressive bare ridge dusted white with yesterday's snow, with some more solid remaining snow patches too. A very fresh male Sooty Copper was flying, and a Knapweed Fritillary. The yellow flowered crucifer *Erucastrum nasturtiifolium* was rather common. We next drove up to the Col de Grimone, through the attractive eponymous village, and saw the only White Asphodel of the trip on the way. Our destination was a wet flush full of Broad-leaved Marsh Orchids and Fox Sedge. Tree Pipits once more performed their display flights. At lunch time we returned to the Gorge du Gats where I prepared the last of our picnics on a convenient picnic table. The sun was shining today.

In the afternoon we had the opportunity for some exploration and we headed to the area of the Baronnie, south of Die. A long circuit took us through some attractive villages and very quiet countryside, with some fine views. The vegetation was all rather dry, the Mediterranean influence being much stronger here. *Lathyrus filiformis* was very attractive and there was a lovely creamy flowered form of Burnet Rose. In one sheltered gully was the only Green-underside Blue of the trip, a female. Pyrenean Flax became very common. A Red-backed Shrike sat on the wires. Butterflies seen today included Scarce Swallowtail, Black-veined White, Wood White, and Duke of Burgundy, and Green Lizard and Wall Lizard were both seen. Our farewell dinner was enjoyed in the restaurant opposite the hotel.

## **Day 8            Friday 2<sup>nd</sup> June            Departure**

After an early breakfast kindly provided by the hotel staff we left at 7.00 on the journey to Lyon. There were several Black Kites on the wing today and Grey Heron, Yellow-legged Gull and House Sparrow were added to the bird list. We drove due west towards the motorway, in turn joining it and following the Rhone Valley north. With plenty of time for breaks along the way we arrived at St. Exupery Airport in good time and all said fond farewells after a very enjoyable trip which had just sped by too quickly. I took some time shuffling cars and luggage but was then on my way home across the Alps, via a very scenic route taking in the Col du Lauteret, Briancon and Mongenivre, entering Italy in a snow storm!

## Systematic List Number 1      Plants

The nomenclature and systematic order largely follow 'Flora Alpina' by Aeschmann et al, 2004. The 'Flore de la Drome' by Luc Garraud, 2003, is an invaluable flora to the departement in which we spent most of the tour.

A Summary of sites visited:-

- 26<sup>th</sup> May. Arrival. Lyon Airport to St.Julien en Vercors via Les Merciers.  
 27<sup>th</sup> May. Echeveis, Col de Mezelier, Presles, St.Julien en Vercors.  
 28<sup>th</sup> May. Hauts Plateaux. Near Chapelle en Vercors.  
 29<sup>th</sup> May. Font d'Urle, Col de la Bataille, Leoncel to Barbieres, St.Jean en Royans.  
 30<sup>th</sup> May. St.Julien en Vercors to Beaufort to Die.  
 31<sup>st</sup> May Sites east of Die, Combeau valley, Col de Menee.  
 1st June. Gorge de Gats, Borne, Col Grimone, south of Die.  
 3<sup>rd</sup> June. Departure. Die to Lyon Airport.

### Equisetaceae

<i>Equisetum arvense</i>	Common Horsetail	Widespread
<i>Equisetum telmateia</i>	Great Horsetail	Scattered
<i>Equisetum variegatum</i>	Variiegated Horsetail	Gorge du Gats. 2004.
<i>Equisetum ramosissimum</i>	Boston Horsetail	Recorded
<i>Equisetum palustre</i>	Marsh Horsetail	Recorded

### Pteridophyta

<i>Polypodium vulgare</i>	Common Polypody	Scattered
<i>Asplenium ruta-muraria</i>	Wall Spleenwort	Scattered
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	Widespread
<i>Asplenium viride</i>	Green Spleenwort	Hauts Plateaux etc.
<i>Asplenium fontanum</i>	Black Forest Spleenwort	Scattered
<i>Polystichum aculeatum</i>	Hard Shield Fern	Hauts Plateaux
<i>Polystichum lonchitis</i>	Holly Fern	Locally common
<i>Polystichum setiferum</i>	Soft Shield Fern	Recorded
<i>Dryopteris filix-mas</i>	Male Fern	Locally common
<i>Cystopteris fragilis</i>	Brittle Bladder Fern	Scattered records
<i>Pteridium aquilinum</i>	Bracken	Common
<i>Gymnocarpium robertianum</i>	Limestone Fern	Hauts Plateaux
<i>Athyrium filix-femina</i>	Lady Fern	Locally common

### Pinaceae

<i>Pinus sylvestris</i>	Scot's Pine	Locally dominant
<i>Pinus nigra</i>	Black Pine	Scattered records, not native
<i>Pinus uncinata</i>		Hauts Plateaux
<i>Abies alba</i>	Silver Fir	Frequent over large areas
<i>Picea abies</i>	Norway Spruce	Widespread and dominant over very large areas
<i>Larix decidua</i>	Larch	Scattered records

### Cupressaceae

<i>Juniperus communis</i>	Juniper	Widespread and common
<i>Juniperus sibirica</i>	Dwarf Juniper	= <i>J.nana</i> . Hauts Plateaux
<i>Juniperus oxycedrus</i>	Prickly Juniper	Beaufort area

### Taxaceae

<i>Taxus baccata</i>	Yew	Scattered
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**Salicaceae**

<i>Salix caprea</i>	Goat Willow	Scattered records
<i>Salix eleagnos</i>	Olive Willow	Widespread
<i>Salix purpurea</i>	Purple Willow	e.g. Les Nonieres
<i>Salix alba</i>	White Willow	Scattered records
<i>Salix cinerea</i>	Grey Willow	
<i>Salix viminalis</i>	Osier	
<i>Populus alba</i>	White Poplar	Scattered records
<i>Populus nigra</i>	Black Poplar	
<i>Populus tremula</i>	Aspen	Widespread and common

**Juglandaceae**

<i>Juglans regia</i>	Walnut	Widespread
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**Betulaceae**

<i>Betula pendula</i>	Silver Birch	Very local
<i>Alnus glutinosa</i>	Alder	Scattered records
<i>Alnus incana</i>	Grey Alder	Die area
<i>Carpinus betulus</i>	Hornbeam	Local

**Corylaceae**

<i>Corylus avellana</i>	Hazel	Widespread and common
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**Fagaceae**

<i>Fagus sylvatica</i>	Beech	Dominant over large areas
<i>Castanea sativa</i>	Sweet Chestnut	Scattered
<i>Quercus petraea</i>	Sessile Oak	Scattered
<i>Quercus pubescens</i>	Downy Oak	Widespread and common
<i>Quercus robur</i>	Pedunculate Oak	Local

**Urticaceae**

<i>Urtica dioica</i>	Stinging Nettle	Locally common
<i>Parietaria judaica</i>	Pellitory-of-the-wall	Widespread

**Ulmaceae**

<i>Ulmus minor</i>	Small-leaved Elm	Scattered
<i>Ulmus glabra</i>	Wych Elm	Recorded

**Moraceae**

<i>Ficus carica</i>	Fig	
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**Santalaceae**

<i>Thesium alpinum</i>	Alpine Bastard Toadflax	2004
<i>Thesium divaricatum</i>		Scattered records

**Cannabaceae**

<i>Humulus lupulus</i>	Hop	
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**Polygonaceae**

<i>Polygonum bistorta</i>	Bistort	Local, e.g. near St.Julien
<i>Polygonum aviculare</i>	Knotgrass	
<i>Reynoutria japonica</i>	Japanese Knotweed	
<i>Rumex scutatus</i>	French Sorrel	Scattered, e.g. Combeau
<i>Rumex acetosa</i>	Common Sorrel	Common
<i>Rumex nebroides</i>		Probably recorded
<i>Rumex acetosella</i>	Sheep's Sorrel	Scattered
<i>Rumex arifolius</i>		Probably this species on Hauts Plateaux
<i>Rumex obtusifolius</i>	Broadleaved Dock	Locally common
<i>Rumex crispus</i>	Curled Dock	Scattered

**Chenopodiaceae**

<i>Chenopodium bonus-henricus</i>	Good King Henry	Widespread
<i>Chenopodium album</i>	Fat Hen	Recorded

**Caryophyllaceae**

<i>Minuartia hybrida</i>	Fine-leaved Sandwort	Font d'Urle 2006
<i>Minuartia rostrata</i>		
<i>Moehringia muscosa</i>	Mossy Sandwort	Hauts Plateaux
<i>Silene vulgaris</i>	Bladder Campion	Scattered
<i>Silene latifolia</i>	White Campion	Widespread
<i>Silene dioica</i>	Red Campion	Scattered
<i>Silene italica</i>	Italian Catchfly	Widespread
<i>Silene nutans</i>	Nottingham Catchfly	Widespread
<i>Saponaria ocyroides</i>	Rock Soapwort	Widespread and very common
<i>Saponaria officinalis</i>	Soapwort	In leaf
<i>Stellaria media</i>	Chickweed	Scattered
<i>Dianthus gratianopolitanus</i>	Cheddar Pink	2005
<i>Dianthus carthusianorum</i>	Carthusian Pink	2005
<i>Dianthus sylvestris</i>	Wood Pink	Scattered roadside records
<i>Arenaria serpyllifolia</i>	Thyme-leaved Sandwort	Widespread
<i>Cerastium arvense</i>	Field Mouse-ear	Widespread
<i>Cerastium fontanum</i>	Common Mouse-ear	Scattered
<i>Cerastium glomeratum</i>	Sticky Mouse-ear	Scattered records
<i>Cerastium alpinum</i>	Alpine Mouse-ear	Higher altitudes
<i>Cerastium tomentosum</i>	Dusty Miller	Grimone
<i>Agrostemma githago</i>	Corncockle	Arable weed near Beaufort

**Aristolochiaceae**

<i>Asarum europaeum</i>	Asarabacca	Leaves noted
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**Loranthaceae**

<i>Viscum album</i>	Mistletoe	Locally common
<i>Viscum album</i> ssp. <i>austriacum</i>		Scattered, on conifers.

**Ranunculaceae**

<i>Helleborus foetidus</i>	Stinking Hellebore	Noted daily
<i>Helleborus viridis</i>	Green Hellebore	Local, not seen 2006
<i>Actaea spicata</i>	Baneberry	Local
<i>Aconitum anthora</i>	Yellow Monkshood	Seen in leaf 2005
<i>Aconitum lycoctonum</i>	Wolfsbane	In leaf on Hauts Plateaux
<i>Anemone ranunculoides</i>	Yellow Anemone	Local in woods. 2004
<i>Anemone narcissiflora</i>	Narcissus-flowered Anemone	2004
<i>Pulsatilla alpina alpina</i>	Alpine Pasque Flower	Hauts Plateaux, locally common
<i>Pulsatilla halleri</i>	Pasque Flower	Local. 2004.
<i>Hepatica nobilis</i>	Hepatica	Noted in leaf
<i>Clematis vitalba</i>	Traveller's Joy	Widespread
<i>Ranunculus aconitifolius</i>	Aconite-leaved Buttercup	Local
<i>Ranunculus aduncus</i>		Higher altitudes
<i>Ranunculus montanus</i>	Mountain Buttercup	Common at higher altitudes
<i>Ranunculus repens</i>	Creeping Buttercup	Widespread
<i>Ranunculus kuepferi</i>		Locally abundant at higher altitudes, e.g. Font d'Urle
<i>Ranunculus arvensis</i>	Corn Buttercup	Arable weed near Beaufort
<i>Ranunculus bulbosus</i>	Bulbous Buttercup	Common
<i>Ranunculus sardous</i>	Hairy Buttercup	Local
<i>Ranunculus acris</i>	Meadow Buttercup	Widespread
<i>Ranunculus tuberosus</i>		Scattered
<i>Aquilegia vulgaris</i>	Common Columbine	Widespread
<i>Aquilegia atrata</i>	Dark Columbine	Very local, e.g. St.Martin. Not in the Drome flora?
<i>Adonis flammea</i>	Pheasant's-eye	Arable weed near Beaufort
<i>Trollius europaeus</i>	Globe Flower	Widespread

<i>Caltha palustris</i>	Marsh Marigold	Local in suitable habitat
<i>Thalictrum aquilegifolium</i>	Greater Meadow-rue	Scattered records in leaf
<b>Papaveraceae</b>		
<i>Papaver rhoeas</i>	Corn Poppy	Locally numerous
<i>Papaver dubium</i>	Longheaded Poppy	Recorded
<i>Chelidonium majus</i>	Greater Celandine	Scattered records
<b>Fumariaceae</b>		
<i>Fumaria officinalis</i>	Common Fumitory	Arable weed near Bea
<b>Resedaceae</b>		
<i>Reseda lutea</i>	Wild Mignonette	Scattered
<i>Reseda phyteuma</i>	Corn Mignonette	Local
<b>Cruciferae</b>		
<i>Sisymbrium officinale</i>	Hedge Mustard	Scattered records
<i>Alliaria petiolata</i>	Garlic Mustard	Local
<i>Cardamine heptaphylla</i>	Seven-leaflet Bittercress	Widespread and locally abundant
<i>Cardamine pratensis</i>	Lady's Smock	2004.
<i>Cardamine flexuosa</i>	Wavy Bittercress	Near St.Julien
<i>Dentaria pentaphyllos</i>		Locally common
<i>Hesperis matronalis</i>	Dame's Violet	2005
<i>Biscutella laevigata</i>		Both this and the following species of Buckler Mustard present.
<i>Biscutella cichoriifolia</i>		
<i>Aethionema saxatile</i>	Burnt Candytuft	Les Nonieres
<i>Draba aizoides</i>		Hauts Plateaux and Font d'Urle
<i>Draba muralis</i>	Wall Whitlowgrass	Local
<i>Arabis alpina</i>	Alpine Rockcress	Hauts Plateaux etc.
<i>Arabis ciliata</i>		Hauts Plateaux
<i>Arabis collina</i>		Scattered records
<i>Arabis hirsuta</i>	Hairy Rockcress	Widespread
<i>Arabis turrata</i>	Tower Cress	Locally common
<i>Barbarea vulgaris</i>	Common Winter-cress	Scattered records
<i>Erysimum ochroleucum</i>		Either this or the following species of Treacle Mustard, or both, widespread and locally common.
<i>Erysimum rhaeticum</i>		
<i>Alyssum allysoides</i>	Small Alison	Widespread
<i>Alyssum montanum</i>		Col de la Bataille
<i>Erophila verna</i>	Spring Whitlowgrass	Scattered
<i>Kernera saxatilis</i>	Kernera	Locally common
<i>Iberis amara</i>		Combeau. 2004.
<i>Thlaspi arvense</i>	Field Pennycress	2004
<i>Thlaspi montanum</i>	Mountain Pennycress	Widespread and locally common
<i>Thlaspi perfoliatum</i>	Perfoliate Pennycress	Widespread
<i>Lepidium campestre</i>	Field Pepperwort	Scattered
<i>Cardaria draba</i>	Hoary Cress	Local
<i>Sinapis arvensis</i>	Charlock	Scattered
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	Widespread and common
<i>Bunias erucago</i>		Near Presles road. 2004.
<i>Erucastrum nasturtiifolium</i>		Common at Borne
<b>Crassulaceae</b>		
<i>Sempervivum montanum</i>	Mountain Houseleek	Local, rosettes
<i>Sempervivum calcareum</i>		Rosettes, Hauts Plateaux
<i>Sempervivum tectorum</i>	Common Houseleek	Local, rosettes
<i>Sedum acre</i>	Biting Stonecrop	In leaf
<i>Sedum telephium</i>	Orpine	2004
<i>Sedum sexangulare</i>		In leaf

<i>Sedum dasyphyllum</i>	Thick-leaved Stonecrop	In leaf
<i>Sedum album</i>	White Stonecrop	In leaf
<i>Sedum atratum</i>	Dark Stonecrop	Hauts Plateaux
<i>Sedum rupestre</i>	Rock Stonecrop	In leaf
<i>Sedum sediforme</i>		In leaf
<b>Grossulariaceae</b>		
<i>Ribes alpinum</i>	Mountain Currant	Hauts Plateaux
<b>Saxifragaceae</b>		
<i>Saxifraga paniculata</i>	Livelong Saxifrage	Widespread, e.g. Font d'Urle
<i>Saxifraga rotundifolia</i>	Round-leaved Saxifrage	Scattered records
<i>Saxifraga exarata</i>		Font d'Urle and Hauts Plateaux
<i>Saxifraga granulata</i>	Meadow Saxifrage	Widespread and very common
<i>Saxifraga tridactylites</i>	Rue-leaved Saxifrage	Widespread
<b>Rosaceae</b>		
<i>Agrimonia eupatoria</i>	Agrimony	A few in flower
<i>Sanguisorba minor</i>	Salad Burnet	Widespread
<i>Sanguisorba officinalis</i>	Great Burnet	Local
<i>Aruncus dioicus</i>	Goatsbeard Spiraea	Local
<i>Filipendula ulmaria</i>	Meadowsweet	Beaufort area
<i>Rubus caesius</i>	Dewberry	Widespread, e.g. Gorge du Gats
<i>Rubus idaeus</i>	Raspberry	Widespread
<i>Rubus fruticosus</i> agg.	Bramble	Widespread
<i>Rosa arvensis</i>	Field Rose	Common
<i>Rosa canina</i>	Dog Rose	Widespread and common
<i>Rosa pendulina</i>	Alpine Rose	Hauts Plateaux, in fine flower
<i>Rosa pimpinellifolia</i>	Burnet Rose	A beautiful form with off white flowers seen to the south of Die
<i>Rosa</i> spp.	Roses	Several other species probably present
<i>Geum urbanum</i>	Herb Bennet	Scattered at lower altitudes
<i>Geum montanum</i>	Mountain Avens	Hauts Plateaux
<i>Potentilla aurea</i>	Golden Cinquefoil	Local, e.g. Combeau
<i>Potentilla tabernaemontani</i>		Widespread and locally common
<i>Potentilla reptans</i>	Creeping Cinquefoil	Scattered records
<i>Potentilla erecta</i>	Tormentil	Scattered, e.g. Combeau
<i>Potentilla recta</i>	Sulphur Cinquefoil	Recorded 2005, adventive in the area
<i>Potentilla caulescens</i>	Lax Potentilla	Scattered in leaf, e.g. Hauts Plateaux
<i>Fragaria viridis</i>		Widespread but local
<i>Fragaria moschata</i>	Hautbois Strawberry	This species was recorded but is not in the Drome flora?
<i>Fragaria vesca</i>	Wild Strawberry	Widespread
<i>Alchemilla vulgaris</i> agg.	Lady's Mantle	Scattered at mid altitudes
<i>Alchemilla alpina</i>	Alpine Lady's Mantle	Local at higher altitudes
<i>Alchemilla</i> spp.		Other species were undoubtedly present. The treatment of the genus in Flora Alpina and the Drome flora differs considerably.
<i>Sorbus aucuparia</i>	Rowan	Widespread, e.g. Hauts Plateaux
<i>Sorbus chamaemespilus</i>	False Medlar	Scattered, e.g. Gorge du Gats
<i>Sorbus domestica</i>	Service Tree	Scattered
<i>Sorbus mougeotii</i>	Edible Mountain Ash	Combeau Valley and probably elsewhere
<i>Sorbus aria</i>	Whitebeam	Widespread and common
<i>Malus sylvestris</i>	Crab Apple	Scattered
<i>Amelanchier ovalis</i>	Snowy Mespilus	Widespread and common
<i>Cotoneaster juranus</i>	Wild Cotoneaster	Hauts Plateaux
<i>Cotoneaster obtusisepalus</i>		Hauts Plateaux
<i>Cotoneaster tomentosus</i>		Near St.Julien
<i>Crataegus monogyna</i>	Hawthorn	Widespread
<i>Prunus avium</i>	Wild Cherry	Widespread

<i>Prunus spinosa</i>	Blackthorn	Common
<i>Prunus padus</i>	Bird Cherry	Probably planted, occasional
<i>Prunus mahaleb</i>	St.Lucie's Cherry	Widespread, in young fruit
<b>Fabaceae</b>		
<i>Astragalus monspessulanus</i>	False Vetch	Locally common
<i>Astragalus depressus</i>	Sprawling Milk-vetch	Col de la Bataille
<i>Astragalus glycyphyllos</i>	Wild Liquorice	Noted in leaf
<i>Astragalus hypoglottis</i>		Scattered in the south, e.g. near Beaufort
<i>Robinia pseudacacia</i>	False Acacia	Scattered in lower river valleys
<i>Robinia viscosa</i>		Purple flowers, occasionally planted.
<i>Laburnum anagyroides</i>	Laburnum	Common in woodlands
<i>Laburnum alpinum</i>	Alpine Laburnum	Widespread at higher altitudes
<i>Genista tinctoria</i>	Dyer's Greenweed	Scattered
<i>Genista pilosa</i>	Hairy Greenweed	Widespread
<i>Genista cinerea</i>	Ash-coloured Broom	Locally common in the south of the area
<i>Cytisus sessilifolius</i>		Very common
<i>Cytisus scoparius</i>	Broom	Locally common
<i>Cytisus sauzeanus</i>		Local, endemic
<i>Colutea arborescens</i>	Bladder Senna	Local
<i>Spartium junceum</i>	Spanish Broom	Roadsides in the south of the area
<i>Argyrolobium zanonii</i>		Col de Mezelier, Echeveys etc.
<i>Chamaespartium sagittale</i>	Winged Broom	Local, e.g. Barbieres
<i>Psoralea bituminosa</i>	Pitch Trefoil	Beaufort and near Die
<i>Vicia cracca</i>	Tufted Vetch	Widespread and common
<i>Vicia pannonica</i>	Hungarian Vetch	Beaufort
<i>Vicia narbonense</i>		2004
<i>Vicia hirsuta</i>	Hairy Tare	Local
<i>Vicia sativa</i>	Common Vetch	Widespread
<i>Vicia sepium</i>	Bush Vetch	Scattered, e.g. Echeveys
<i>Lathyrus latifolius</i>	Broadleaved Everlasting Pea	In leaf only
<i>Lathyrus vernus</i>	Spring Vetchling	Local in woods
<i>Lathyrus niger</i>	Black Pea	Near Barbieres
<i>Lathyrus setifolius</i>		Gorge du Gats, 1 plant
<i>Lathyrus pratensis</i>	Meadow Vetchling	Local
<i>Lathyrus filiformis</i>		South of Die
<i>Lathyrus aphaca</i>	Yellow Vetchling	Recorded 2004
<i>Ononis fruticosa</i>	Shrubby Restharrow	Roadsides in the south of the area
<i>Ononis natrix</i>	Large Yellow Restharrow	In leaf only
<i>Melilotus officinalis</i>	Ribbed Melilot	Scattered
<i>Medicago minima</i>	Bur Medick	Scattered
<i>Medicago sativa</i>	Lucerne	Local, e.g. Echeveys
<i>Medicago lupulina</i>	Black Medick	Widespread
<i>Trifolium pratense</i>	Red Clover	Common
<i>Trifolium repens</i>	White Clover	Common
<i>Trifolium campestre</i>	Hop Trefoil	Scattered
<i>Trifolium aureum</i>	Large Trefoil	Hauts Plateaux area
<i>Trifolium dubium</i>	Lesser Trefoil	Recorded
<i>Trifolium rubens</i>		Echeveys etc.
<i>Trifolium medium</i>	Zigzag Clover	Scattered
<i>Trifolium montanum</i>		Widespread and locally common
<i>Trifolium dubium</i>	Lesser Trefoil	
<i>Trifolium alpestre</i>		Scattered
<i>Dorycnium pentaphyllum</i>		Widespread and locally common, e.g. Beaufort
<i>Dorycnium hirsutum</i>		Local
<i>Tetragonolobus maritimus</i>	Dragon's Teeth	Locally common
<i>Lotus corniculatus</i>	Birds-foot Trefoil	Widespread
<i>Anthyllis montana</i>	Mountain Kidney Vetch	Locally common

<i>Anthyllis vulneraria</i> ssp. <i>polyphylla</i> ssp. <i>praepropera</i> ssp. <i>valesiaca</i>	Kidney Vetch	Scattered records, yellow flowers Beaufort and south of Die, pink flowers Widespread, yellow flowers
<i>Hippocrepis comosa</i>	Horseshoe Vetch	Abundant
<i>Coronilla varia</i>	Crown Vetch	Beaufort and Die areas
<i>Coronilla emerus</i>	False Senna	Very common
<i>Coronilla vaginalis</i>	Small Scorpion Vetch	Local, e.g. Combeau
<i>Coronilla minima</i>		Widespread
<i>Onobrychis viciifolia</i>	Sainfoin	Widespread and common
<i>Onobrychis montana</i>	Mountain Sainfoin	Grimone area
<i>Onobrychis supina</i>		Common in the south
<b>Oxalidaceae</b>		
<i>Oxalis acetosella</i>	Wood Sorrel	In flower on Hauts Plateaux
<b>Geraniaceae</b>		
<i>Geranium pyrenaicum</i>	Pyrenean Cranesbill	Common
<i>Geranium rotundifolium</i>	Round-leaved Cranesbill	Scattered
<i>Geranium robertianum</i>	Herb Robert	Scattered
<i>Geranium columbinum</i>	Long-stalked Cranesbill	Local
<i>Geranium dissectum</i>	Cut-leaved Cranesbill	Local
<i>Geranium sanguineum</i>	Bloody Cranesbill	Only in Gorge du Gats
<i>Geranium sylvaticum</i>	Wood Cranesbill	Scattered
<i>Erodium cicutarium</i>	Common Storksbill	Local, e.g. Beaufort
<b>Euphorbiaceae</b>		
<i>Euphorbia amygdaloides</i>	Wood Spurge	Woods
<i>Euphorbia cyparissias</i>	Cypress Spurge	Widespread and common
<i>Euphorbia peplus</i>	Petty Spurge	Scattered records
<i>Euphorbia exigua</i>	Dwarf Spurge	Local
<i>Euphorbia dulcis</i>	Sweet Spurge	Widespread
<i>Euphorbia verrucosa</i>		Presles and Hauts Plateaux
<i>Euphorbia helioscopia</i>	Sun Spurge	Beaufort area
<i>Euphorbia lathyris</i>	Caper Spurge	Presles area
<i>Mercurialis annua</i>	Annual Mercury	Scattered
<i>Mercurialis perennis</i>	Dog's Mercury	Combeau
<b>Linaceae</b>		
<i>Linum suffruticosum</i>	Pyrenean Flax	Locally common
<i>Linum campanulatum</i>	Yellow Flax	Near Beaufort 2004
<i>Linum narbonense</i>	Beautiful Flax	Scattered records
<i>Linum alpinum</i>	Alpine Flax	Font d'Urle
<i>Linum bienne</i>	Pale Flax	Local
<i>Linum catharticum</i>	Purging Flax	Presles etc.
<b>Polygalaceae</b>		
<i>Polygala calcarea</i>	Chalk Milkwort	Locally very common
<i>Polygala chamaebuxus</i>	Shrubby Milkwort	Les Nonieres
<i>Polygala nicaeensis</i>	Nice Milkwort	Scattered records, various colour forms seen
<i>Polygala alpestris</i>	Mountain Milkwort	Combeau
<i>Polygala vulgaris</i>	Common Milkwort	Scattered
<b>Aceraceae</b>		
<i>Acer campestre</i>	Field Maple	Widespread
<i>Acer monspessulanum</i>	Montpellier Maple	Scattered in the south
<i>Acer pseudoplatanus</i>	Sycamore	Common
<i>Acer platanoides</i>	Norway Maple	Scattered
<i>Acer opalus</i>		Scattered

<b>Celastraceae</b> <i>Euonymus europaeus</i> <i>Euonymus latifolia</i>	Spindle	Scattered Recorded 2002
<b>Anacardiaceae</b> <i>Cotinus coggygria</i>	Smoketree	Roadsides. Still in flower at Echeveys.
<b>Buxaceae</b> <i>Buxus sempervirens</i>	Box	Widespread and abundant
<b>Aquifoliaceae</b> <i>Ilex aquifolium</i>	Holly	Local in woods
<b>Tiliaceae</b> <i>Tilia platyphyllos</i>	Large-leaved Lime	Widespread
<b>Hippocastanaceae</b> <i>Aesculus hippocastanum</i>	Horse Chestnut	Scattered
<b>Malvaceae</b> <i>Althaea hirsuta</i> <i>Malva sylvestris</i>	Rough Mallow Common Mallow	Beaufort Local
<b>Thymelaeaceae</b> <i>Daphne laureola</i> <i>Daphne cneorum</i> <i>Daphne mezereum</i>	Spurge Laurel Garland Flower Mezereon	In woods in leaf Locally common on Hauts Plateaux Font d'Urle and Hauts Plateaux
<b>Cistaceae</b> <i>Helianthemum nummularium</i> <i>Helianthemum apenninum</i> <i>Helianthemum canum</i> <i>Helianthemum oelandicum</i> <i>Fumana procumbens</i>	Common Rockrose White Rockrose Hoary Rockrose	Widespread and common Local, e.g. Beaufort Locally common Widespread Scattered, e.g. Echeveys
<b>Guttiferae</b> <i>Hypericum perforatum</i>	Perforate St. John's Wort	Noted in leaf
<b>Violaceae</b> <i>Viola calcarata</i> <i>Viola tricolor</i> <i>Viola arvensis</i> <i>Viola riviniana</i> <i>Viola reichenbachiana</i> <i>Viola canina</i> <i>Viola suavis</i>	Longspurred Pansy Heartsease Field Pansy Common Dog Violet Early Dog Violet Heath Dog Violet	Common at Font d'Urle and uncommon on Hauts Plateaux Font d'Urle Near Beaufort Hauts Plateaux Hauts Plateaux 2005 Local
<b>Cucurbitaceae</b> <i>Bryonia dioica</i>	White Bryony	Recorded
<b>Onagraceae</b> <i>Chamerion angustifolium</i>	Rosebay Willow-herb	In leaf at Font d'Urle
<b>Araliaceae</b> <i>Hedera helix</i>	Ivy	Widespread
<b>Cornaceae</b> <i>Cornus sanguinea</i>	Dogwood	Very common in flower

**Apiaceae**

<i>Sanicula europaea</i>	Sanicle	Woods, in flower
<i>Eryngium campestre</i>	Field Eryngo	Common in leaf
<i>Chaerophyllum temulentum</i>	Rough Chervil	Common
<i>Anthriscus sylvestris</i>	Cow Parsley	Widespread
<i>Bupleurum rotundifolium</i>	Thorow-wax	Arable weed near Beaufort
<i>Carum carvi</i>	Caraway	Borne
<i>Apium nodiflorum</i>	Fool's Watercress	
<i>Aegopodium podagraria</i>	Ground Elder	In leaf
<i>Seseli libanotis</i>	Moon Carrot	
<i>Heracleum sphondylium</i>	Hogweed	Scattered
<i>Foeniculum vulgare</i>	Fennel	Recorded
<i>Athamanta cretensis</i>		Local
<i>Orlaya grandiflora</i>		Local
<i>Scandix pecten-veneris</i>	Shepherd's Needle	Arable weed near Beaufort
<i>Meum athamanticum</i>	Baldmoney	Locally common at higher altitudes
<i>Peucedanum carvifolia</i>		In leaf
<i>Pimpinella saxifraga</i>	Burnet Saxifrage	In leaf
<i>Laserpitium gallicum</i>		Widespread and locally common
<i>Laserpitium siler</i>		Mostly in leaf, in flower at Presle
<i>Laserpitium latifolium</i>	Broad-leaved Sermountain	In leaf
<i>Selinum carvifolia</i>	Cambridge Milk-parsley	Recorded 2005
<i>Tordylium apulum</i>		
<i>Daucus carota</i>	Wild Carrot	Widespread

**Pyrolaceae**

<i>Orthilia secunda</i>	Nodding Wintergreen	In bud at Beaufort
<i>Pyrola media</i>	Intermediate Wintergreen	Les Nonieres
<i>Pyrola rotundifolia</i>	Round-leaved Wintergreen	In leaf on Hauts Plateaux

**Ericaceae**

<i>Calluna vulgaris</i>	Ling	Scattered
<i>Vaccinium myrtillus</i>	Bilberry	Widespread and locally common
<i>Arctostaphylos uva-ursi</i>	Bearberry	Widespread

**Primulaceae**

<i>Androsace villosa</i>		In fine flower at Font d'Urle
<i>Primula vulgaris</i>	Primrose	Local, in leaf
<i>Primula elatior</i>	Oxlip	Scattered. 2004.
<i>Primula veris</i>	Cowslip	Widespread, in flower
<i>Soldanella alpina</i>	Alpine Snowbell	Hauts Plateaux, several in good flower by recent snow melt
<i>Anagallis arvensis</i>	Scarlet Pimpernel	2005

**Oleaceae**

<i>Fraxinus excelsior</i>	Ash	Common
<i>Ligustrum vulgare</i>	Privet	Local

**Plumbaginaceae**

<i>Armeria alpina</i>	Mountain Thrift	Scattered, e.g. Combeau and Hauts Plateaux
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**Convolvulaceae**

<i>Calystegia sepium</i>		Recorded
<i>Convolvulus arvensis</i>	Field Bindweed	Beaufort
<i>Convolvulus cantabrica</i>		Beaufort and near Die
<i>Cuscuta epithimum</i>		Very local

**Gentianaceae**

<i>Blackstonia perfoliata</i>	Yellow-wort	In leaf
<i>Gentiana lutea</i>	Great Yellow Gentian	Locally common in leaf and bud



<i>Gentiana verna</i>	Spring Gentian	Locally common as at Font d'Urle
<i>Gentiana angustifolia</i>		Widespread and locally common
<i>Gentiana acaulis</i>	Trumpet Gentian	Recorded on the last day 2004
<i>Gentiana cruciata</i>	Cross Gentian	In leaf near Leoncel 2004

#### Asclepiadaceae

<i>Vincetoxicum hirundinaria</i>	Swallowwort	Widespread
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#### Boraginaceae

<i>Buglossoides purpureocaerulea</i>	Purple Gromwell	Very local
<i>Lithospermum officinale</i>	Gromwell	Between Die and Beaufort 2004
<i>Onosma fastigiata</i>		Between Die and Beaufort
<i>Cerintho minor ssp.auriculata</i>	Lesser Honeywort	Combeau
<i>Echium vulgare</i>	Viper's Bugloss	Widespread
<i>Pulmonaria montana</i>	Mountain Lungwort	Higher altitudes
<i>Pulmonaria longifolia ssp.delphinensis</i>		In leaf
<i>Symphytum officinale</i>	Common Comfrey	Near St.Agnan
<i>Cynoglossum officinale</i>	Hound's-tongue	Recorded 2005
<i>Anchusa azurea</i>	Large Blue Alkanet	Beaufort
<i>Myosotis arvensis</i>	Field Forget-me-not	Common
<i>Myosotis alpestris</i>	Alpine Forget-me-not	Higher altitudes, locally common
<i>Myosotis sylvatica</i>	Wood Forget-me-not	Locally common
<i>Myosotis ramosissima</i>	Early Forget-me-not	Local
<i>Myosotis decumbens</i>		Scattered

#### Buddlejaceae

<i>Buddleja davidii</i>		Locally naturalised
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#### Lamiaceae

<i>Ajuga reptans</i>	Bugle	Widespread and common
<i>Ajuga pyramidalis</i>	Pyramidal Bugle	Local
<i>Ajuga chamaepitys</i>	Ground Pine	Near Beaufort and Die
<i>Ajuga genevensis</i>		Scattered records
<i>Teucrium chaemydrys</i>	Wall Germander	Noted in leaf
<i>Teucrium scorodonia</i>	Wood Sage	In leaf
<i>Teucrium polium</i>	Felty Germander	In leaf at Beaufort
<i>Teucrium montanum</i>	Mountain Germander	Between Beaufort and Die.
<i>Lamium purpureum</i>	Red Deadnettle	Widespread.
<i>Lamium maculatum</i>	Spotted Deadnettle	Scattered
<i>Lamium amplexicaule</i>	Henbit Deadnettle	Arable weed near Beaufort
<i>Lamium album</i>	White Deadnettle	
<i>Lamiastrum galeobdolon</i>	Yellow Archangel	Widespread
<i>Melittis melissophyllum</i>	Bastard Balm	Widespread and common
<i>Prunella laciniata</i>	Cut-leaved Self-heal	Between Beaufort and Die
<i>Salvia pratensis</i>	Meadow Clary	Widespread and very common
<i>Stachys recta</i>	Yellow Woundwort	Widespread and locally common
<i>Acinos alpinos</i>	Alpine Calamint	Scattered records
<i>Thymus praecox</i>	Hairy Thyme	Widespread
<i>Thymus pulegioides</i>	Larger Thyme	Scattered
<i>Thymus vulgaris</i>		Locally common as at Beaufort
<i>Mentha aquatica</i>	Water Mint	In leaf at Combeau
<i>Origanum vulgare</i>	Marjoram	In leaf
<i>Lavandula angustifolia</i>	Lavender	Recorded 2005

#### Scrophulariaceae

<i>Antirrhinum latifolium</i>	Snapdragon	Locally common on roadsides
<i>Linaria supina</i>		1 plant at Combeau
<i>Erinus alpinus</i>	Fairy Foxglove	Locally common
<i>Cymbalaria muralis</i>	Ivy-leaved Toadflax	Walls
<i>Digitalis lutea</i>	Small Yellow Foxglove	Near St.Eulalie en Royans

<i>Scrophularia canina</i> ssp. <i>juratensis</i>		Scattered
<i>Verbascum nigrum</i>	Dark Mullein	Scattered
<i>Verbascum pulverulentum</i>	Hoary Mullein	Roadsides
<i>Verbascum thapsus</i>	Aaron's Rod	Scattered
<i>Veronica chamaedrys</i>	Germander Speedwell	Widespread
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	Hauts Plateaux
<i>Veronica beccabunga</i>	Brooklime	Recorded 2005
<i>Veronica austriaca</i>		Widespread
<i>Veronica verna</i>	Spring Speedwell	2004
<i>Veronica arvensis</i>	Wall Speedwell	Scattered
<i>Veronica montana</i>	Wood Speedwell	Scattered
<i>Veronica persica</i>	Common Field Speedwell	Local
<i>Melampyrum arvense</i>	Field Cow-wheat	Arable weed near Beaufort.
<i>Melampyrum nemorosum</i>		In leaf
<i>Rhinanthus minor</i>	Yellow Rattle	Common
<i>Rhinanthus alectrolophus</i>	Greater Yellow Rattle	Common
<i>Bartsia alpina</i>	Alpine Bartsia	Combeau
<b>Globulariaceae</b>		
<i>Globularia nudicaulis</i>	Leafless-stemmed Globularia	Very common on Hauts Plateaux
<i>Globularia repens</i>		Scattered .
<i>Globularia cordifolia</i>	Matted Globularia	Locally common.
<i>Globularia bisnagarica</i>	Common Globularia	Widespread and common
<b>Lentibulariaceae</b>		
<i>Pinguicula grandiflora</i>	Large-flowered Butterwort	Combeau
<i>Pinguicula vulgaris</i>	Common Butterwort	Combeau
<b>Rubiaceae</b>		
<i>Asperula taurina</i>	Southern Woodruff	Recorded 2005
<i>Galium aparine</i>	Cleavers	Scattered
<i>Galium verum</i>	Lady's Bedstraw	Widespread
<i>Galium odoratum</i>	Woodruff	Woods
<i>Galium mollugo</i>	Hedge Bedstraw	Common
<i>Galium</i> spp.		Several other species were probably present
<i>Rubia peregrina</i>	Wild Madder	Common
<i>Cruciata laevipes</i>	Crosswort	Widespread
<b>Plantaginaceae</b>		
<i>Plantago major</i>	Greater Plantain	Widespread
<i>Plantago lanceolata</i>	Ribwort Plantain	Widespread
<i>Plantago media</i>	Hoary Plantain	Widespread and common
<i>Plantago sempervirens</i>		Scattered
<i>Plantago atrata</i>	Dark Plantain	Local
<i>Plantago alpina</i>	Alpine Plantain	Hauts Plateaux
<i>Plantago maritima</i> ssp. <i>serpentina</i>		Locally common in the south
<b>Orobanchaceae</b>		
<i>Orobanche ramosa</i>	Branched Broomrape	Beaufort
<i>Orobanche gracilis</i>	Slender Broomrape	On legumes at Mezelier
<i>Orobanche caryophyllacea</i>	Clove-scented Broomrape	Scattered, e.g. on <i>Galium</i> sp. between Leoncel and Barbieres
<i>Orobanche amethystea</i>		On <i>Eryngium</i> 2005
<i>Orobanche minor</i>	Common Broomrape	Very local
<i>Orobanche teucrii</i>		On <i>Teucrium</i> sp. near Presles
<b>Caprifoliaceae</b>		
<i>Sambucus racemosa</i>	Redberried Elder	Higher altitudes, in flower
<i>Sambucus nigra</i>	Elder	Scattered
<i>Sambucus ebulus</i>	Dwarf Elder	In leaf

<i>Lonicera alpigena</i>	Alpine Honeysuckle	Common in bud on the Hauts Plateaux
<i>Lonicera etrusca</i>		Widespread
<i>Lonicera nigra</i>	Black-berried Honeysuckle	Common in bud on the Hauts Plateaux
<i>Lonicera periclymenum</i>	Honeysuckle	Common in the north of the area
<i>Lonicera xylosteum</i>	Fly Honeysuckle	Widespread, in flower
<i>Viburnum lantana</i>	Wayfaring Tree	Scattered
<b>Valerianaceae</b>		
<i>Centranthus ruber</i>	Red Valerian	Very locally common
<i>Valeriana dioica</i>	Marsh Valerian	Wet flushes at Combeau, not recorded for that part of the Drome in the Flora
<i>Valeriana tripteris</i>	Three-leaved Valerian	Widespread
<i>Valeriana montana</i>		Scattered records
<i>Valeriana officinalis</i>	Common Valerian	Widespread
<i>Valerianella locusta</i>		Scattered
<i>Valerianella</i> sp.		At least one other species present.
<b>Verbenaceae</b>		
<i>Verbena officinalis</i>	Vervain	Recorded 2005
<b>Campanulaceae</b>		
<i>Phyteuma orbiculare</i>	Round-headed Rampion	Local
<i>Phyteuma spicatum</i>	Spiked Rampion	Leoncel
<i>Phyteuma betonicifolium</i>		Scattered
N.B. The Drome Flora doubts the existence of <i>P. betonicifolium</i> in the Departement and records <i>P. spicatum</i> as frequent, whilst Flora Alpina records the former for the Drome and regards the presence of the latter as unconfirmed.		
<i>Phyteuma charmelii</i>		Gorge du Gats
<i>Campanula glomerata</i>	Clustered Bellflower	Borne
<i>Campanula rotundifolia</i>	Harebell	Local
<i>Campanula medium</i>	Canterbury Bells	North of Leoncel
<i>Campanula persicifolia</i>	Peach-leaved Bellflower	Near Beaufort
<i>Legousia speculum-veneris</i>	Venus' Looking Glass	Arable weed near Beaufort
<b>Dipsacaceae</b>		
<i>Knautia arvensis</i>	Field Scabious	Widespread
<i>Dipsacus fullonum</i>	Teasel	Old seed heads noted
<b>Asteraceae</b>		
<i>Achillea millefolium</i>	Yarrow	In leaf
<i>Bellis perennis</i>	Daisy	Widespread
<i>Aster bellidiastrum</i>		Scattered records.
<i>Helichrysum stoechas</i>		Presles road
<i>Leucanthemum vulgare</i> agg.	Ox-eye Daisy	Widespread
<i>Erigeron acer</i>	Blue Fleabane	Mezelier 2005
<i>Micropus erectus</i>		Numerous at Beaufort, also Mezelier
<i>Filago</i> sp.		Lyon Airport
<i>Artemisia vulgaris</i>	Mugwort	Scattered
<i>Artemisia absinthium</i>	Wormwood	In leaf
<i>Anthemis cotula</i>	Stinking Mayweed	Local
<i>Anthemis arvensis</i>	Corn Chamomile	Beaufort
<i>Matricaria discoidea</i>	Pineapple Mayweed	
<i>Tanacetum corymbosum</i>		Presles area
<i>Petasites albus</i>	White Butterbur	Locally common
<i>Petasites hybridus</i>		Locally common
<i>Tussilago farfara</i>	Coltsfoot	Scattered, in flower at Font d'Urle
<i>Homogyne alpina</i>	Alpine Coltsfoot	Hauts Plateaux
<i>Adenostyles alliariae</i>		In leaf
<i>Bupthalmum salicifolium</i>	Yellow Ox-eye	Scattered
<i>Senecio vulgaris</i>	Groundsel	Scattered records

<i>Senecio jacobaea</i>	Common Ragwort	Recorded
<i>Carlina acaulis</i>	Stemless Carline Thistle	Old flower heads
<i>Carlina acanthifolia</i>		Old flower heads and young leaves
<i>Carlina vulgaris</i>	Common Carline Thistle	Old flower heads
<i>Cirsium arvense</i>	Creeping Thistle	Widespread
<i>Cirsium palustre</i>	Marsh Thistle	Near St.Martin
<i>Carduus defloratus</i>	Alpine Thistle	Widespread
<i>Centaurea montana</i>	Mountain Cornflower	Combeau
<i>Centaurea cyanus</i>	Cornflower	Arable weed near Beaufort, and south of Die
<i>Centaurea jacea</i>	Brown Knapweed	In bud at Borne
<i>Centaurea scabiosa</i>	Greater Knapweed	Scattered
<i>Leuzea conifera</i>		Near Presles
<i>Cichorium intybus</i>	Chicory	Roadsides near Lyon
<i>Taraxacum officinale</i>	Dandelion	Widespread
<i>Lactuca perennis</i>	Blue Lettuce	Local
<i>Mycelis muralis</i>	Wall Lettuce	Scattered
<i>Crupina vulgaris</i>		Leaves near Presles
<i>Tragopogon pratensis</i>	Goatsbeard	Scattered
<i>Tragopogon dubius</i>		Local
<i>Catananche caerulea</i>		Local
<i>Hieracium pilosella</i>	Mouse-ear Hawkweed	Locally common
<i>Hieracium murorum</i>	Few-leaved Hawkweed	Common
<i>Hieracium</i> spp.		Other species not identified
<i>Sonchus oleraceus</i>	Smooth Sow-thistle	Scattered
<i>Sonchus asper</i>	Prickly Sow-thistle	Scattered
<i>Crepis foetida</i>		Scattered
<i>Crepis vesicaria</i>	Beaked Hawk's-beard	Scattered
<i>Crepis</i> spp.		Other species not identified
<i>Xanthium spinosum</i>	Spiny Cocklebur	Recorded

## MONOCOTYLEDONS

### Liliaceae

<i>Asphodelus albus</i>	White Asphodel	Only below Col Grimone
<i>Veratrum album</i>	White False Helleborine	In leaf at Font d'Urle
<i>Aphyllanthes monspeliensis</i>		Widespread and locally abundant
<i>Lilium martagon</i>	Martagon Lily	In leaf
<i>Muscari comosum</i>	Tassel Hyacinth	Scattered records
<i>Muscari neglectum</i>	Grape Hyacinth	Hauts Plateaux
<i>Scilla bifolia</i>	Alpine Squill	Font d'Urle 2005
<i>Gagea fistulosa</i>		Font d'Urle
<i>Ornithogalum umbellatum</i>	Star of Bethlehem	Only in one meadow at Borne
<i>Ornithogalum pyrenaicum</i>	Spiked Star of Bethlehem	Presles road
<i>Allium schoenoprasum</i>	Chives	2004
<i>Tulipa sylvestris ssp.australis</i>	Wild Tulip	Haut Plateaux and Borne, many in good flower on the former
<i>Polygonatum odoratum</i>	Angular Solomon's Seal	Locally common
<i>Polygonatum multiflorum</i>	Solomon's Seal	Font d'Urle
<i>Polygonatum verticillatum</i>	Whorled Solomon's Seal	In bud on Hauts Plateaux
<i>Ruscus aculeatus</i>	Butcher's Broom	Scattered
<i>Anthericum liliago</i>	St. Bernard's Lily	Locally very common
<i>Colchicum autumnale</i>	Autumn Crocus	In seed
<i>Maianthemum bifolium</i>	May Lily	In leaf
<i>Convallaria majalis</i>	Lily-of-the-Valley	Common on Hauts Plateaux
<i>Paris quadrifolia</i>	Herb Paris	Scattered in leaf
<i>Erythronium dens-canis</i>	Dog's-tooth Violet	Numerous at Font d'Urle with a few in flower, and many in fruit

### Amaryllidaceae

<i>Narcissus poeticus</i>	Poet's Narcissus	Widespread and locally numerous
<i>Narcissus pseudonarcissus</i>	Wild Daffodil	Several in flower at Font d'Urle and over on Hauts Plateaux

### Iridaceae

<i>Iris pseudacorus</i>	Yellow Flag	2004
<i>Iris germanica</i>		Naturalised
<i>Gladiolus italicus</i>		Scattered records
<i>Crocus albiflorus</i>	White Crocus	Many at Font d'Urle by recent snowmelt. Both white and purple forms.

### Dioscoreaceae

<i>Tamus communis</i>	Black Bryony	Scattered
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### Araceae

<i>Arum italicum</i>		Scarce
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### Juncaceae

<i>Luzula sylvatica</i>	Great Wood-rush
<i>Luzula campestris</i>	Field Wood-rush
<i>Luzula nivea</i>	Snowy Wood-rush
<i>Luzula pilosa</i>	Hairy Wood-rush
<i>Luzula alpinopilosa</i>	Alpine Wood-rush
<i>Luzula forsteri</i>	Southern Wood-rush
<i>Luzula multiflora</i>	Heath Wood-rush

### Cyperaceae

<i>Eriophorum latifolium</i>	Broad-leaved Cotton-grass
<i>Schoenus nigricans</i>	Black Bog-rush
<i>Carex spicata</i>	Spiked Sedge

<i>Carex flacca</i>	Glaucous Sedge
<i>Carex brunnescens</i>	
<i>Carex ornithopoda</i>	Birdsfoot Sedge
<i>Carex carophyllea</i>	Spring Sedge
<i>Carex vulpina</i>	True Fox Sedge
<i>Carex dioica</i>	Dioecious Sedge
<i>Carex davalliana</i>	Davall's Sedge
<i>Carex sylvatica</i>	Wood Sedge
<i>Carex panicea</i>	Carnation Sedge
<i>Carex lepidocarpa</i>	Long-stalked Yellow Sedge
<i>Carex montana</i>	Soft-leaved Sedge
<i>Carex sempervirens</i>	Evergreen Sedge
<i>Carex halleriana</i>	
<i>Carex digitata</i>	Fingered Sedge
<i>Carex ornithopoda</i>	Bird's-foot Sedge
<i>Carex humilis</i>	Dwarf Sedge

### Poaceae

<i>Festuca arundinacea</i>	Tall Fescue	
<i>Festuca marginata</i> ssp. <i>gallica</i>		
<i>Festuca rubra</i>	Red Fescue	
<i>Festuca</i> spp.		Other fescues undoubtedly present
<i>Bromus sterilis</i>	Barren Brome	
<i>Bromus diandrus</i>	Great Brome	
<i>Bromus squarrosus</i>	Rough Brome	
<i>Bromus hordeaceus</i>	Soft Brome	
<i>Bromus erectus</i>	Upright Brome	
<i>Brachypodium sylvaticum</i>	False Brome	
<i>Brachypodium rupestre</i>		
<i>Poa bulbosa</i>	Bulbous Meadow-grass	
<i>Poa annua</i>	Annual Meadow-grass	
<i>Poa pratensis</i>	Smooth Meadow-grass	
<i>Poa alpina</i>	Alpine Meadow-grass	
<i>Poa trivialis</i>	Rough Meadow-grass	
<i>Poa nemoralis</i>	Wood Meadow-grass	
<i>Holcus lanatus</i>	Yorkshire Fog	
<i>Arrhenatherum elatius</i>	False Oat-grass	
<i>Koeleria vallesiana</i>	Somerset Hair-grass	
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	
<i>Deschampsia flexuosa</i>	Wavy Hair-grass	
<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass	
<i>Avena barbata</i>	Slender Oat	
<i>Dactylis glomerata</i>	Cock'sfoot	
<i>Briza media</i>	Quaking Grass	
<i>Sesleria caerulea</i>		
<i>Melica nutans</i>	Mountain Melick	
<i>Melica ciliata</i>	Ciliated Melick	
<i>Lolium perenne</i>	Perennial Rye-grass	
<i>Stipa pennata</i>	Needle-grass	
<i>Molinia caerulea</i>	Purple Moor-grass	
<i>Desmazenia rigida</i>	Fern Grass	
<i>Phragmites australis</i>	Common Reed	

### Orchidaceae

<i>Aceras anthropophorum</i>	Man Orchid	Widespread and locally common. Seen on most days.
<i>Anacamptis pyramidalis</i>	Pyramidal Orchid	Widespread. Seen at several sites in both south and north of area. Locally common.
<i>Cephalanthera damasonium</i>	White Helleborine	Widespread but in very small numbers. Seen at several sites.

<i>Cephalanthera longifolia</i>	Sword-leaved Helleborine	Widespread and locally common. Seen daily.
<i>Cephalanthera rubra</i>	Red Helleborine	3+ near Beaufort.
<i>Coeloglossum viride</i>	Frog Orchid	3 in wet flushes at Combeau.
<i>Corallorhiza trifida</i>	Coralroot Orchid	At one site near Col de Menee were the only records. 2 plants seen.
<i>Cypripedium calceolus</i>	Lady's Slipper Orchid	30 + in fine flower, and several other plants seen on one day.
<i>Dactylorhiza fuchsii</i>	Common Spotted Orchid	Widespread and reasonably common.
<i>Dactylorhiza maculata</i>	Heath Spotted Orchid	One plant near Menee.
<i>Dactylorhiza majalis</i>	Broadleaved Marsh Orchid	A colony below the Col du Grimone.
<i>Dactylorhiza sambucina</i>	Elder-flowered Orchid	Widespread and locally numerous. Mostly of the yellow form, but several purple at Font d'Urle and Combeau.
<i>Epipactis helleborine</i>	Broad-leaved Helleborine	Scattered records in leaf.
<i>Epipactis tremolsii</i>		RW saw this species in leaf at Beaufort.
<i>Epipactis atrorubens</i>	Dark-red Helleborine	Seen in bud on one day.
<i>Epipactis muelleri</i>		Possibly this species in bud at Beaufort.
<i>Epipactis fageticola</i>		Possibly this species in bud at Beaufort.
<i>Gymnadenia conopsea</i>	Fragrant Orchid	Widespread in small numbers.
<i>Himantoglossum hircinum</i>	Lizard Orchid	Widespread, mostly in bud, 2 in flower near Presles.
<i>Limodorum abortivum</i>	Violet Bird's-nest Orchid	Widespread in small numbers.
<i>Listera ovata</i>	Common Twayblade	Widespread and reasonably common.
<i>Neottia nidus-avis</i>	Bird's-nest Orchid	Several dead spikes seen, and several in good flower this year.
<i>Ophrys apifera</i>	Bee Orchid	Very local, a total of 4 plants.
<i>Ophrys drumana</i>		This endemic species was seen near Beaufort (3) and also at Col du Mezelier (3).
<i>Ophrys fuciflora</i>	Late Spider Orchid	Widespread and locally not uncommon.
<i>Ophrys scolopax</i>	Woodcock Orchid	One only, near Beaufort.
<i>Ophrys insectifera</i>	Fly Orchid	Widespread and locally not uncommon.
<i>Ophrys araneola</i>		Very local, all already over this year.
<i>Orchis mascula</i>	Early Purple Orchid	Widespread and common.
<i>Orchis ovalis</i>		RW found one on the Hauts Plateaux.
<i>Orchis militaris</i>	Military Orchid	Widespread and reasonably common.
<i>Orchis morio</i>	Green-winged Orchid	Seen at only one site near La Chapelle en Vercors, where raining heavily!
<i>Orchis pallens</i>	Pale-flowered Orchid	One small colony on the Hauts Plateaux Reserve.
<i>Orchis purpurea</i>	Lady Orchid	Widespread and common.
<i>Orchis simia</i>	Monkey Orchid	Local.
<i>Orchis spitzelii</i>	Spitzel's Orchid	5 this year, near the Combeau Valley.
<i>Orchis tridentata</i>		A few near Presles.
<i>Orchis ustulata</i>	Burnt Orchid	Widespread in small numbers.
<i>Platanthera bifolia</i>	Lesser Butterfly Orchid	Widespread and not uncommon.

## Systematic List Number 2      Butterflies

The systematic order and nomenclature follow Tolman and Lewington 'Butterflies of Britain and Europe'. As an indication of abundance the number of days on which each species was seen is noted. Despite a very promising start with many butterflies seen in the first few days, the cold weather in the south meant few of the usual species were recorded there.

### *Papilionidae*

Swallowtail	<i>Papilio machaon</i>	A few on the first two days. 2/8
Scarce Swallowtail	<i>Ipheclides podalirius</i>	Rather common, particularly on the second day. 3/8
[Clouded Apollo	<i>Parnassius mnemosyne</i>	A good colony found at Combeau in 2005. Not seen in 2006 due to snow!]

### *Pieridae*

Large White	<i>Pieris brassicae</i>	Scattered records. 3/8
Black-veined White	<i>Aporia crataegi</i>	Locally common, 3/8
Green-veined White	<i>Artogeia napi</i>	Scattered records. 2/8
[Portuguese Dappled White	<i>Euchloe tagis</i>	Very possibly this species at Mezelier, but not seen well enough for positive identification.2005]
Orange-tip	<i>Anthocharis cardamines</i>	Widespread in small numbers. 5/8
Berger's Clouded Yellow	<i>Colias alfacariensis</i>	Widespread in small numbers. 3/8
Pale Clouded Yellow	<i>Colias hyale</i>	Scattered records. 2/8 One or other of these two species seen on other days.
Clouded Yellow	<i>Colias crocea</i>	Echeveis. 1/8
Brimstone	<i>Gonepteryx rhamni</i>	Widespread in small numbers. 5/8
Wood White	<i>Leptidea sinapis</i>	Widespread in small numbers. 5/8

### *Lycaenidae*

Green Hairstreak	<i>Callophrys rubi</i>	1 at Echeveis. 1/8
Small Copper	<i>Lycaena phlaeas</i>	1 at Echeveis. 1/8
Sooty Copper	<i>Lycaena tityrus</i>	A male at Borne. 1/8
Little Blue	<i>Cupido minimus</i>	Only on the second day. 1/8
Osiris Blue	<i>Cupido osiris</i>	1 at Echeveis. 1/8
[Holly Blue	<i>Celastrina argiolus</i>	One in the south. 2005]
Green-underside Blue	<i>Glaucopsyche alexis</i>	A female south of Die. 1/8
[Silver-studded Blue	<i>Plebejus argus</i>	1 at Borne 2005]
[Reverdin's Blue	<i>Plebejus argyrognomon</i>	1 at Borne 2005]
Brown Argus	<i>Aricia agestis</i>	Scarce. 1/8
Chapman's Blue	<i>Agrodiaetus thersites</i>	1 at Mezelier. 1/8
Provence Chalk-hill Blue	<i>Lysandra hispana</i>	A colony at Mezelier. 1/8
Adonis Blue	<i>Lysandra bellargus</i>	Scattered records 2/8
Common Blue	<i>Polyommatus icarus</i>	Widespread in small numbers. 4/8

### *Riodinidae*

Duke of Burgundy	<i>Hamearis lucina</i>	Echeveis, Mezelier and Borne. 2/8
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### *Nymphalidae*

Southern White Admiral	<i>Limenitis reducta</i>	Echeveis and Presles. 1/8
Large Tortoiseshell	<i>Nymphalis polychloros</i>	Scattered records. 2/8
Painted Lady	<i>Vanessa cardui</i>	Only in the north. 3/8
[Camberwell Beauty	<i>Nymphalis antiopa</i>	3 below Col de Grimone 2005]



[Red Admiral	<i>Vanessa atalanta</i>	Below Col de Grimone 2005]
Small Tortoiseshell	<i>Aglais urticae</i>	A few at higher altitudes. 2/8
Queen of Spain Fritillary	<i>Issoria lathonia</i>	1 at Font d'Urle. 1/8
Pearl-bordered Fritillary	<i>Clossiana euphrosyne</i>	Widespread and reasonably common. 4/8
Knapweed Fritillary	<i>Melitaea phoebe</i>	1 at Borne. 1/8
Spotted Fritillary	<i>Melitaea didyma</i>	Mezelier. 1/8
Provencal Fritillary	<i>Mellicta deione</i>	Presles and Borne. 2/8

### *Satyridae*

[Great Banded Grayling	<i>Kanetisa circe</i>	1 below Col de Grimone 2005]
[De Prunner's Ringlet	<i>Erebia triaria</i>	5+ on both sides of Col de Grimone 2005]
Meadow Brown	<i>Maniola jurtina</i>	1 at Echeveis. 1/8
Small Heath	<i>Coenonympha pamphilus</i>	Widespread in small numbers. 3/8
Pearly Heath	<i>Coenonympha arcania</i>	Local, hotter rocky areas. 3/8
Speckled Wood	<i>Pararge aegeria</i>	Seen on two days. 2/8
Wall Brown	<i>Lasiommata megera</i>	Scattered records in the north. 2/8
Large Wall Brown	<i>Lasiommata maera</i>	Scattered records in the north. 2/8
Northern Wall Brown	<i>Lasiommata petropolitana</i>	Hauts Plateaux. 1/8

### *Hesperiidae*

Grizzled Skipper	<i>Pyrgus malvae</i>	Haut Plateaux. 1/8
Red-underwing Skipper	<i>Spialia sertorius</i>	1 between Baeufort and Die. 1/8
Dingy Skipper	<i>Erynnis tages</i>	1 at Les Merciers. 1/8
Chequered Skipper	<i>Carterocephalus palaemon</i>	3 at Echeveis. 1/8
Large Skipper	<i>Ochlodes venatus</i>	Only 1 seen. 1/8

## Systematic List Number 3      Birds

An indication of abundance is given by noting the number of days out of 8 on which each species was seen.

Grey Heron	<i>Ardea cinerea</i>	1 en route to Lyon. 1/8
Griffon Vulture	<i>Gyps fulvus</i>	1 on the Hauts Plateaux. 1/8
Black Kite	<i>Milvus migrans</i>	Scattered records, several en route to Lyon. 3/8
Red Kite	<i>Milvus milvus</i>	1 near Beaufort. 1/8
Sparrowhawk	<i>Accipiter nisus</i>	1 at Echeveys. 1/8
Common Buzzard	<i>Buteo buteo</i>	Scattered records. 4/8
Common Kestrel	<i>Falco tinnunculus</i>	Widespread in small numbers. 6/8
Red-legged Partridge	<i>Alectoris rufa</i>	2+ at Beaufort. 1/8
Yellow-legged Gull	<i>Larus cachinnans</i>	A few en route to Lyon. 1/8
Rock Dove	<i>Columba livia</i>	Scattered. 2/8
Woodpigeon	<i>Columba palumbus</i>	Scattered records. 3/8
Collared Dove	<i>Streptopelia decaocto</i>	Scattered records. 3/8
Cuckoo	<i>Cuculus canorus</i>	Heard often.
Common Swift	<i>Apus apus</i>	Widespread. 5/8
Alpine Swift	<i>Apus melba</i>	Seen at Beaufort. 1/8
Wryneck	<i>Jynx torquilla</i>	1 on the Hauts Plateaux. 1/8
Green Woodpecker	<i>Picus viridis</i>	Heard at various sites.
Great Spotted Woodpecker	<i>Dendrocopos major</i>	A pair at Baeufort and heard elsewhere. 1/8
Woodlark	<i>Lullula arborea</i>	Heard at Beaufort.
Skylark	<i>Alauda arvensis</i>	Beaufort and Font d'Urle. 2/8
Crag Martin	<i>Ptyonoprogne rupestris</i>	Locally common. 4/8
Swallow	<i>Hirundo rustica</i>	Widespread and common. 8/8
House Martin	<i>Delichon urbica</i>	Widespread and locally common. 4/8
Tree Pipit	<i>Anthus trivialis</i>	Widespread, e.g. Hauts Plateaux and Grimone. 5/8
Water Pipit	<i>Anthus spinoletta</i>	Font d'Urle. 1/8
Grey Wagtail	<i>Motacilla cinerea</i>	Local, e.g. Gorge du Gats. 2/8
White Wagtail	<i>Motacilla alba</i>	Widespread in small numbers. 6/8
Wren	<i>Troglodytes troglodytes</i>	Heard on one day.
Dunnock	<i>Prunella modularis</i>	Hauts Plateaux. 1/8
Robin	<i>Erithacus rubecula</i>	Scarce, only in St.Julien. 1/8
Nightingale	<i>Luscinia megarhynchos</i>	Heard occasionally.
Black Redstart	<i>Phoenicurus ochruros</i>	Widespread in small numbers. Nesting at both hotels. 8/8
Stonechat	<i>Saxicola torquata</i>	A male near Beaufort. 1/8
Northern Wheatear	<i>Oenanthe oenanthe</i>	Font d'Urle. 1/8
Ring Ouzel	<i>Turdus torquatus</i>	2 seen well on Hauts Plateaux, and another at Combeau. 2/8
Blackbird	<i>Turdus merula</i>	Widespread and common. 5/8
Mistle Thrush	<i>Turdus viscivorus</i>	Only at Combeau. 1/8
Blackcap	<i>Sylvia atricapilla</i>	Heard commonly.
Chiffchaff	<i>Phylloscopus collybita</i>	Widespread, mostly heard. 4/8
Goldcrest	<i>Regulus regulus</i>	Heard on Hauts Plateaux.
Firecrest	<i>Regulus ignicapillus</i>	Heard on Hauts Plateaux.
Marsh Tit	<i>Parus palustris</i>	Scarce. 2/8
Crested Tit	<i>Parus cristatus</i>	1 on Hauts Plateaux and 3 near Menee. 2/8
Coal Tit	<i>Parus ater</i>	Only at Combeau. 1/8
Blue Tit	<i>Parus caeruleus</i>	Very scarce! 1/8
Great Tit	<i>Parus major</i>	Widespread. 5/8
Nuthatch	<i>Sitta europaea</i>	St.Julien. 1/8
[Wallcreeper	<i>Tichodroma muraria</i>	One seen very close and watched for about ten minutes on the first afternoon was the bird highlight of the trip, 2005. 1/8]
Red-backed Shrike	<i>Lanius collurio</i>	1 near Baeaufort and 1 south of Die. 2/8
Jay	<i>Garrulus glandarius</i>	Reasonably common. 5/8

Magpie	<i>Pica pica</i>	Widespread in small numbers. 6/8
Alpine Chough	<i>Pyrrhocorax graculus</i>	Much in evidence at Font d'Urle. 1/8
Jackdaw	<i>Corvus monedula</i>	Scarce. 1/8
Carrion Crow	<i>Corvus corone</i>	Widespread and common. 8/8
Raven	<i>Corvus corax</i>	Scattered records. 4/8
Starling	<i>Sturnus vulgaris</i>	Only seen in the south of the area. 2/8
House Sparrow	<i>Passer domesticus</i>	Only seen en route to Lyon. 1/8
Rock Sparrow	<i>Petronia petronia</i>	Nesting in boxes on telegraph wires near Beaufort. 1/8
Chaffinch	<i>Fringilla coelebs</i>	Widespread and common. 5/8
Serin	<i>Serinus serinus</i>	St.Julien. 1/8
Goldfinch	<i>Carduelis carduelis</i>	Widespread in small numbers. 5/8
Linnet	<i>Carduelis cannabina</i>	Higher altitudes. 2/8
Common Crossbill	<i>Loxia curvirostra</i>	A few on Hauts Plateaux. 1/8
Bullfinch	<i>Pyrrhula pyrrhula</i>	Hauts Plateaux and along the Menee road. 2/8
Yellowhammer	<i>Emberiza citrinella</i>	Heard only.

## Systematic List Number 4

Common Lizard	<i>Lacerta vivipara</i>
Green Lizard	<i>Lacerta viridis</i>
Common Wall Lizard	<i>Podarcis muralis</i>

## Amphibians and Reptiles

Very scarce. Seen only at Mezelier.  
Scattered records.  
Scattered records.

## Systematic List Number 5

Wild Boar	<i>Sus scrofa</i>
[Chamois	<i>Rupicapra rupicapra</i>
[Red Squirrel	<i>Sciurus vulgaris</i>
[Alpine Marmot	<i>Marmota marmota</i>
[Wood Mouse	<i>Apodemus sylvaticus</i>
[Brown Hare	<i>Lepus europaeus</i>

## Mammals

Much rooting activity, e.g. Hauts Plateaux.  
1 at Borne 2005]  
1 on Hauts Plateaux 2005]  
Heard at Font d'Urle 2005]  
A badly injured individual near St.Julien 2005]  
2 on Col de Mezelier and 1 in Combeau Valley 2005]