

The Cottian Alps

The Stone King

A Greentours Tour Report

16th to 23rd July 2007

Led by Paul Cardy

Trip Report written by Paul Cardy

This third tour centred on Fabiana's and my home in the Val Varaita was a great success with a wealth of butterflies and plants seen during the week, all amidst the fine scenery of the Cottian Alps. We enjoyed almost unbroken sunshine for the whole week, indeed it was often very hot.

The butterflies were numerous and varied at this time of year. Indeed we recorded no fewer than 121 species during the week. The variety of habitats and the altitudinal variation in a comparatively small area provides this impressive variety. Apollos are rather common in the area, although we only saw Clouded Apollo on one day, being at the end of their season. Most interesting were the several strong colonies of Small Apollos that we found at higher altitudes where their larval foodplant *Saxifraga aizoides* is abundant. Scarce Swallowtail and Swallowtail are both surprisingly scarce in the area, with only one of the former and a few of the latter seen during the week.

Among the more unusual pierids seen were; several Mountain Green-veined Whites above a certain altitude; one Peak White speeding past us at the highest pass; two Mountain Dappled Whites; reasonable numbers of Mountain Clouded Yellow; and several Black-veined Whites. Moorland Clouded Yellow was in reasonable numbers at the one colony I know in the area. Large groups of mud-puddling blues were a feature of some sites. Both Silver-studded and Idas Blues were common, and it was pleasing to see so many Damon Blues, again one of the commonest species at this time. At higher altitudes we found several colonies of the typical mountain Lycaenids Glandon Blue, Silvery Argus, Alpine Blue, and Eros Blue. Among other species of blue on the wing were Long-tailed Blue (just 1), Holly Blue, Large Blue (only one this year, usually commoner), Escher's Blue, Chalk-hill Blue, and Turquoise Blue. At one site we found larvae of Mountain Alcon Blue on *Gentiana cruciata*. I was very pleased to find a male Meleager's Blue in the Valle Maira, at a new site for this local species.

Coppers are a beautiful feature of the butterfly fauna here, with Scarce, Sooty, and Purple-edged all common and stunning species. Purple-shot was much less common, and remarkably only a few Small Coppers were seen. In contrast to the coppers, hairstreaks were few and far between, with a few records only of Green, Sloe and Blue-spot.

No fewer than twenty-one species of Fritillary were seen. Some species such as Silver-washed and Dark Green were common, but many were recorded in just one or two places. High Brown and Niobe Fritillaries were much less numerous than is usual at this season. We saw several Silver-washed of the form *valezina*. The alpine meadows held good colonies of Mountain and Shepherd's Fritillary, and several Balkan Fritillaries. Marsh Fritillary was still on the wing at one site. Titania's Fritillary and Marbled Fritillary were not uncommon at mid-altitudes, and Glanville, Knapweed, Spotted, False Heath, Heath and Provençal were all on the wing. A highlight was a strong and very local colony of Cynthia's Fritillary at high altitude, and in France of another high altitude species, Grison's Fritillary.

The larger nymphalids were as usual somewhat elusive, and we saw only two Lesser Purple Emperors this year, both of the clytie form. A fine Large Tortoiseshell was found on the third day, with another later in the week and Comma and White Admiral were also recorded. Marbled Whites were abundant, and certainly one of the commonest species. Hipparchia graylings were less numerous than usual and the only species positively determined by examination of external genitalia was Rock Grayling, although I have confirmed the presence of Woodland and Lesser Woodland Graylings here too.

Of course the *Erebia* ringlets are a feature of the Alps and several species were present in good numbers. Large Ringlet was particularly abundant this year, and Lesser Mountain Ringlet, Piedmont Ringlet and Common Brassy Ringlet were all widespread. Among the more interesting species were Silky Ringlet, False Mnestrá Ringlet, and Sooty Ringlet seen all too briefly at the Col d'Izoard. Among the other satyrids seen during the week were Great Sooty Satyr, Great Banded Grayling, Pearly Heath, Alpine Heath, Chestnut Heath and Large Wall Brown.

The *Pyrgus* grizzled skippers are something of an identification challenge in the area and we tried in vain to find Foulquier's Grizzled Skipper among the many we saw mud-puddling. We did record Large Grizzled, Olive, Carlina, and Safflower however. Tufted Marbled, Red Underwing and Silver-spotted Skippers were other notable species.

In July the flora was rich and varied. Above the tree line the alpine meadows and pastures were a riot of colour, with a beautiful combination of colours provided by a wealth of species. Various pinks, cinquefoils, clovers, gentians, speedwells, bellflowers, knapweeds, and orchids put on a fine show.

At mid altitudes the flowery meadows that had not yet been cut for hay were rich in species such as both Greater and Lesser Masterwort, Wood and Dusky Cranesbills, Caraway, Betony, Meadow Clary, Large Yellow Foxglove and Hoary Plantain. Campanulas were especially well represented in the area. Among the more widespread species were *Campanula patula*, *Campanula glomerata* and *Campanula trachelium* whilst more unusual were *Campanula spicata*, *Campanula rhomboidalis* and *Campanula scheuchzeri*. We also found no fewer than seven species of Rampion.

Among the orchids a few of the local speciality *Nigritella corneliana* were still in fine flower, being a stunning bright pink, At several sites were Small White and Frog Orchids, whilst

Fragrant, Pyramidal, and Common Spotted were among the other orchids seen. A few Dark Red Helleborines were found.

Another endemic, *Sedum alsinefolium*, was in good flower at one site. The impressive cobwebbed rosettes of *Sempervivum arachnoideum* were not uncommon and *Saxifraga oppositifolia* was still in flower at the highest sites.

The very attractive Plume Knapweed was common higher up, and, at the Col, Spiniest Thistle was a feature. Various stops to explore the alpine slopes yielded among many other species; *Bartsia alpina*, *Potentilla grandiflora*, *Viola calcarata* (just a few still in flower), *Lotus alpinus*, *Pedicularis rostratospicata*, *Erigeron alpinus*, *Arnica montana*, *Trollius europaeus* and the lovely *Juncus jacquinii* and *Juncus trifidus*. Moonwort was locally common. The attractive *Senecio incanus*, *Senecio doronicum* and *Tephrosieris capitatus*, the latter with orange flowers, were seen. Yellow Mountain Saxifrage was very common, and supported colonies of Small Apollos.

Pinks were a feature here, with several similar looking species present. Those identified were *Dianthus seguieri*, *Dianthus pavonius*, *Dianthus sylvestris*, *Dianthus furcatus* and *Dianthus deltoides*. Among the many species of clover, Alpine, Mountain and Brown Clover were all in flower. Roadsides supported many flowers including Mountain Thrift, *Antirrhinum latifolium*, and *Viola tricolor* and on the French side of the border were *Ononis rotundifolia* and *Scutellaria alpina*.

Edelweiss was in very good flower at several sites. The impressively large flowered *Hypochoeris uniflora* was common at higher altitudes, as was *Doronicum grandiflorum*, and the endemic *Delphinium dubium* was also in good flower. Most of the *Primula farinosa* was going over but we saw a few in flower, although only the distinctive leaves of *Primula marginata* were found. White False Helleborines were in good bloom, and we saw several Martagon Lilies, but only two Orange Lilies. The beautiful endemic *Allium narcissiflorum* was one of the week's most stunning flowers.

As well as the legumes already mentioned many other species were recorded. Among the more noteworthy were *Astragalus alpinus*, *Astragalus hypoglottis*, *Astragalus sempervirens*, *Oxytropis campestris*, *Ononis cristata*, *Ononis natrix*, *Onobrychis montana* and *Anthyllis montana*. On roadsides in France we found the impressive large *Astragalus alopecuros*, reminiscent of several central Asian species of this huge genus. Gentians were much in evidence with the local speciality *Gentiana rostanii* being in fine flower, and *Gentiana tenella* being a particularly good find. *Gentianella campestris* was common and some fine Snow Gentians were in bloom.

Red-berried Elder was locally in impressive fruit, as were the pasque flowers with their feathery seeds. There was a good selection of thistles, with *Carduus defloratus* being common, and *Carduus nutans*, *Carduus personata*, *Cirsium eriophorum*, *Cirsium erisithales* and *Cirsium acaule* among other species seen. We even tackled the yellow composites, recording such species as *Crepis conyzifolia*, *Hieracium staticifolium*, *Hieracium angustifolium* and *Hieracium tomentosum*. The crucifer *Alyssoides utriculata*, with distinctive inflated fruits was a good find as Flora Alpina does not record it for Cuneo province.

Marmots were much in evidence on the alpine pastures, being particularly common below the Col d'Agnello, their shrieking whistles being a feature of the area. Alpine Choughs were noted

at higher altitude, and in the coniferous forests Nutcrackers were rather common. Raptors were surprisingly scarce but Golden Eagle, Short-toed Eagle, and Honey Buzzard were good records. Among the more interesting passerines were Red-backed Shrikes, Water Pipits, Whinchat, Snow Finch and Citril Finch. Dippers were regularly seen along the Varaita River and Crag Martins were numerous. Quail were heard occasionally on the alpine pastures, and one was seen.

Common Wall Lizards lived up to their name, whilst Green Lizards were occasional.

Systematic List Number 1 Butterflies

The taxonomic order and nomenclature follow Tolman and Lewington's 'Butterflies of Britain and Europe'. As an indication of abundance the number of days on which each species was seen, out of the possible 8, is given.

Papilionidae

Swallowtail	<i>Papilio machaon</i>	A total of only 4, Sampeyre area and Valle Maira. 2/8
Scarce Swallowtail	<i>Iphiclides podalirius</i>	1 in the Val Varaita. 1/8
Apollo	<i>Parnassius apollo</i>	Locally common at higher altitudes. Seen at several sites. 5/8
Small Apollo	<i>Parnassius phoebus</i>	Two reasonably strong colonies found. The foodplant, <i>Saxifraga aizoides</i> , is locally abundant. 1/8
Clouded Apollo	<i>Parnassius mnemosyne</i>	A few worn individuals at one site. 1/8

Pieridae

Large White	<i>Pieris brassicae</i>	Scattered records. 4/8
Black-veined White	<i>Aporia crataegi</i>	Widespread but in small numbers. 4/8
Small White	<i>Artogeia rapae</i>	Widespread in small numbers. 5/8
Southern Small White	<i>Artogeia manni</i>	1 in the Valle Maira. 1/8
Mountain Green-veined White	<i>Artogeia bryoniae</i>	Several at higher altitudes. 1/8
Peak White	<i>Pontia callidice</i>	1 at Col d'Agnello. 1/8
Mountain Dappled White	<i>Euchloe simplonia</i>	2 at Bellino. 1/8
Orange-tip	<i>Anthocharis cardamines</i>	3+ on the first day. 1/8
Mountain Clouded Yellow	<i>Colias phicomone</i>	Locally common at higher altitudes. 3/8
Clouded Yellow	<i>Colias crocea</i>	Rather common this year. 5/8
Moorland Clouded Yellow	<i>Colias palaeno</i>	One colony at c.2,100m. 1/8.
Berger's Clouded Yellow	<i>Colias alfacariensis</i>	Scattered records. 3/8
Brimstone	<i>Gonepteryx rhamni</i>	Widespread in small numbers. 3/8
Wood White	<i>Leptidea sinapis</i>	Scarce. 4/8

Lycaenidae

Sloe Hairstreak	<i>Satyrium acaciae</i>	2 near Sampeyre. 1/8
Blue-spot Hairstreak	<i>Satyrium spini</i>	1 in France. 1/8
Green Hairstreak	<i>Callophrys rubi</i>	1 near Sampeyre. 1/8
Small Copper	<i>Lycaena phlaeas</i>	A few records. 3/8
Scarce Copper	<i>Lycaena virgaureae</i>	Locally common. 4/8
Sooty Copper	<i>Lycaena tityrus</i>	Widespread in small numbers. 5/8
Purple-shot Copper	<i>Lycaena alciphron</i>	Very scarce this year, only near Melle. 1/8
Purple-edged Copper	<i>Lycaena hippothoe</i>	Widespread and locally common. 4/8
Long-tailed Blue	<i>Lampides boeticus</i>	1 near Sampeyre. 1/8
Little Blue	<i>Cupido minimus</i>	1 only, Col d'Izoard. 1/8
Osiris Blue	<i>Cupido osiris</i>	1 at Bellino. 1/8
Holly Blue	<i>Celastrina argiolus</i>	Local, e.g. Staffarda. 4/8
Large Blue	<i>Maculinea arion</i>	Very scarce this year, only 1 seen, in Valle Maira. Usually rather common at this time of year. 1/8
Mountain Alcon Blue	<i>Maculinea rebeli</i>	Ova found on <i>Gentiana cruciata</i> in France.
Silver-studded Blue	<i>Plebejus argus</i>	Common and widespread. 6/8
Idas Blue	<i>Plebejus idas</i>	Common and widespread. 6/8
Geranium Argus	<i>Eumedonia eumedon</i>	Only at one site. 1/8
Silvery Argus	<i>Pseudaricia nicias</i>	Local, but several colonies found. 3/8
Brown Argus	<i>Aricia agestis</i>	Scattered records. 3/8
Mountain Argus	<i>Aricia artaxerxes</i>	Widespread in small numbers. 4/8
Alpine Blue	<i>Albulina orbitulus</i>	Very local. 1/8
Mazarine Blue	<i>Cyaniris semiargus</i>	Widespread in small numbers. 3/8
Glandon Blue	<i>Agriades glandon</i>	Several colonies located. 4/8
Damon Blue	<i>Agrodiaetus damon</i>	Locally rather common. 5/8

Escher's Blue	<i>Agrodiaetus escheri</i>	Rather common. 4/8
Amanda's Blue	<i>Agrodiaetus amanda</i>	Locally common. 2/8
Turquoise Blue	<i>Plebicula dorylas</i>	Widespread in very small numbers. 4/8
Chalk-hill Blue	<i>Lysandra coridon</i>	Locally numerous. 6/8
Adonis Blue	<i>Lysandra bellargus</i>	Scarce. 2/8
Meleager's Blue	<i>Meleageria daphnis</i>	A male in the Valle Maira. 1/8
Common Blue	<i>Polyommatus icarus</i>	Scarce. 3/8
Eros Blue	<i>Polyommatus eros</i>	Scattered records at higher altitudes. 3/8

Nymphalidae

Lesser Purple Emperor	<i>Apatura ilia</i>	1 in the Val Varaita, and 1 at Staffarda, form <i>clytie</i> . 2/8
White Admiral	<i>Limenitis camilla</i>	1 at Torrette. 1/8
Large Tortoiseshell	<i>Nymphalis polychloros</i>	2 individuals. 2/8
Red Admiral	<i>Vanessa atalanta</i>	Scattered records. 2/8
Painted Lady	<i>Cynthia cardui</i>	Only 1, Melle. 1/8
Small Tortoiseshell	<i>Aglais urticae</i>	Scattered records at higher altitudes. 2/8
Peacock	<i>Inachis io</i>	Widespread in small numbers. 3/8
Comma	<i>Polygonia c-album</i>	Scattered records. 5/8
Silver-washed Fritillary	<i>Argynnis paphia</i>	Widespread and reasonably common. Several form <i>valezina</i> . 6/8
Dark Green Fritillary	<i>Argynnis aglaja</i>	Widespread and locally common. 3/8
High Brown Fritillary	<i>Argynnis adippe</i>	Very small numbers this year. 2/8
Niobe Fritillary	<i>Argynnis niobe</i>	Only in France this year. 1/8
Queen-of-Spain Fritillary	<i>Issoria lathonia</i>	Scattered records. 4/8
Marbled Fritillary	<i>Brenthis daphne</i>	Locally common. 3/8
Shepherd's Fritillary	<i>Boloria pales</i>	Several colonies at higher altitudes. 2/8
Balkan Fritillary	<i>Boloria graeca</i>	Very local. 2/8
Mountain Fritillary	<i>Boloria napaea</i>	Locally common at higher altitudes. 2/8
Titania's Fritillary	<i>Clossiana titania</i>	Only on the first day. 1/8
Pearl-bordered Fritillary	<i>Clossiana euphrosyne</i>	Only seen on one day. 1/8
Glanville Fritillary	<i>Melitaea cinxia</i>	Only at Bellino. 1/8
Knapweed Fritillary	<i>Melitaea phoebe</i>	Scattered records. 4/8
Spotted Fritillary	<i>Melitaea didyma</i>	Locally common, e.g. near Sampeyre. 5/8
False Heath Fritillary	<i>Melitaea diamina</i>	Bellino and France. 2/8
Heath Fritillary	<i>Mellicta athalia</i>	Uncommon. 2/8
Provençal Fritillary	<i>Mellicta deione</i>	Very local. 1/8
Grison's Fritillary	<i>Mellicta varia</i>	Seen at one site in France. 1/8
Meadow Fritillary	<i>Mellicta parthenoides</i>	1 in France. 1/8
Cynthia's Fritillary	<i>Hypodryas cynthia</i>	One colony at high altitude. 1/8
Marsh Fritillary	<i>Euphydryas aurinia</i>	A few still on the wing at about 2,100m. 1/8

Satyridae

Marbled White	<i>Melanargia galathea</i>	Widespread and very common. 7/8
Woodland Grayling	<i>Hipparchia fagi</i>	These three species of <i>Hipparchia</i> were probably all present, and I have confirmed the presence of all three locally by examination of their external genitalia with a hand lens. <i>Hipparchia</i> spp. were noted on only three days this year.
Lesser Woodland Grayling	<i>Hipparchia genava</i>	
Rock Grayling	<i>Hipparchia alcyone</i>	
Great Sooty Satyr	<i>Satyrus ferula</i>	Locally common. 5/8
Dryad	<i>Minois dryas</i>	1 at Staffarda. 1/8
Great Banded Grayling	<i>Kanetisa circe</i>	Scattered records. 4/8
Arran Brown	<i>Erebia ligea</i>	Local. 2/8
Large Ringlet	<i>Erebia euryale</i>	Widespread and locally abundant, in huge numbers this year. 6/8
Mountain Ringlet	<i>Erebia epiphron</i>	Only positively seen on the first day. 1/8
Lesser Mountain Ringlet	<i>Erebia melampus</i>	Widespread and rather common. 5/8
Scotch Argus	<i>Erebia aethiops</i>	Val Maira. 1/8

Woodland Ringlet	<i>Erebia medusa</i>	A surprise record from the upper Val Varaita. 1/8
Almond-eyed Ringlet	<i>Erebia alberganus</i>	Only in small numbers this year. 4/8
Sooty Ringlet	<i>Erebia pluto</i>	A few at Col d'Izoard. 1/8
Silky Ringlet	<i>Erebia gorge</i>	form <i>erynis</i> . Very local. 2/8
False Mnestra Ringlet	<i>Erebia aethiopella</i>	Several records. 4/8
Western Brassy Ringlet	<i>Erebia arvernensis</i>	Locally common. 5/8
Piedmont Ringlet	<i>Erebia meolans</i>	Widespread in small numbers. 4/8
Meadow Brown	<i>Maniola jurtina</i>	Widespread in small numbers. 6/8
Ringlet	<i>Aphantopus hyperantus</i>	Scattered records. 4/8
Gatekeeper	<i>Pyronia tithonus</i>	Several at Staffarda. 1/8
Small Heath	<i>Coenonympha pamphilus</i>	Scarce. 3/8
Pearly Heath	<i>Coenonympha arcania</i>	Widespread in small numbers. 5/8
Alpine Heath	<i>Coenonympha gardetta</i>	Local at higher altitudes. 3/8
Chestnut Heath	<i>Coenonympha glycerion</i>	Bellino. 1/8
Speckled Wood	<i>Pararge aegeria</i>	Near Sampeyre and at Staffarda. 2/8
Wall Brown	<i>Lasiommata megera</i>	Local. 2/8
Large Wall Brown	<i>Lasiommata maera</i>	Widespread and reasonably common. 4/8
Northern Wall Brown	<i>Lasiommata petropolitana</i>	1 in Valle Maira. 1/8

Hesperiidae

Grizzled Skipper	<i>Pyrgus malvae</i>	Local. 2/8
Large Grizzled Skipper	<i>Pyrgus alveus</i>	Widespread. 5/8
Carline Skipper	<i>Pyrgus carlinae</i>	Several at Bellino. 1/8
Olive Skipper	<i>Pyrgus serratulae</i>	Scattered records. 4/8
Safflower Skipper	<i>Pyrgus carthami</i>	Scattered records. 2/8
Red-underwing Skipper	<i>Spialia sertorius</i>	A few records. 3/8
Tufted Marbled Skipper	<i>Carcharodus flocciferus</i>	3+ in upper Val Varaita. 1/8
Dingy Skipper	<i>Erynnis tages</i>	2 at one site. 1/8
Essex Skipper	<i>Thymelicus lineola</i>	Widespread. 4/8
Small Skipper	<i>Thymelicus sylvestris</i>	Widespread and locally abundant. 6/8
Silver-spotted Skipper	<i>Hesperia comma</i>	Only at one site. 1/8
Large Skipper	<i>Ochlodes venatus</i>	Reasonably common. 5/8

Systematic List Number 2 Birds

Grey Heron	<i>Ardea cinerea</i>	Along the Varaita River.
Black Kite	<i>Milvus migrans</i>	A few around Torino.
Honey Buzzard	<i>Pernis apivorus</i>	2 above Melle.
Short-toed Eagle	<i>Circaetus gallicus</i>	1 below the Col d' Agnello.
Sparrowhawk	<i>Accipiter nisus</i>	Seen on the last day.
Common Buzzard	<i>Buteo buteo</i>	Scattered records.
Golden Eagle	<i>Aquila chrysaetos</i>	1 sighting near Col de Sampeyre.
Common Kestrel	<i>Falco tinnunculus</i>	Scattered records.
Quail	<i>Coturnix coturnix</i>	Heard occasionally, and one seen in Valle Maira.
Yellow-legged Gull	<i>Larus cachimans</i>	Many around Torino.
Rock Dove	<i>Columba livia</i>	Scattered records.
Collared Dove	<i>Streptopelia decaocto</i>	Scattered records.
Common Swift	<i>Apus apus</i>	Widespread and common.
Hoopoe	<i>Upupa epops</i>	1 or 2 at Staffarda.
Green Woodpecker	<i>Picus viridis</i>	Heard occasionally.
Great Spotted Woodpecker	<i>Dendrocopos major</i>	Heard occasionally.
Skylark	<i>Alauda arvensis</i>	Local.
Crag Martin	<i>Ptyonoprogne rupestris</i>	Widespread and reasonably common.
House Martin	<i>Delichon urbica</i>	Scattered records.
Swallow	<i>Hirundo rustica</i>	Widespread and reasonably common.
Tree Pipit	<i>Anthus trivialis</i>	Below Col d' Agnello etc.
Water Pipit	<i>Anthus spinoletta</i>	Not uncommon above tree line.
Grey Wagtail	<i>Motacilla cinerea</i>	Seen on most days.
White Wagtail	<i>Motacilla alba</i>	Widespread in small numbers.
Dipper	<i>Cinclus cinclus</i>	Regular on the Varaita River.
Wren	<i>Troglodytes troglodytes</i>	Heard occasionally.
Robin	<i>Erithacus rubecula</i>	Scarce.
Black Redstart	<i>Phoenicurus ochruros</i>	Seen daily.
Whinchat	<i>Saxicola rubetra</i>	Local.
Northern Wheatear	<i>Oenanthe oenanthe</i>	Several at higher altitudes.
Blackbird	<i>Turdus merula</i>	Widespread and common.
Song Thrush	<i>Turdus philomelos</i>	A few records.
Mistle Thrush	<i>Turdus viscivorus</i>	Scattered records.
Garden Warbler	<i>Sylvia borin</i>	Heard occasionally.
Blackcap	<i>Sylvia atricapilla</i>	Widespread. Heard often.
Wood Warbler	<i>Phylloscopus sibilatrix</i>	Heard near Sampeyre.
Chiffchaff	<i>Phylloscopus collybita</i>	Heard often.
Goldcrest	<i>Regulus regulus</i>	Heard occasionally.
Marsh Tit	<i>Parus palustris</i>	Scattered records.
Willow Tit	<i>Parus montanus</i>	Scattered records.
Coal Tit	<i>Parus ater</i>	Reasonably common.
Great Tit	<i>Parus major</i>	Reasonably common.
Blue Tit	<i>Parus caeruleus</i>	Scattered records.
Nuthatch	<i>Sitta eurpaea</i>	Near Sampeyre.
Common Treecreeper	<i>Corvinus familiaris</i>	1 at Celle.
Red-backed Shrike	<i>Lanius collurio</i>	A few records.
Jay	<i>Garrulus glandarius</i>	Widespread.
Magpie	<i>Pica pica</i>	Only in the lowlands, although high altitudes in France.
Nutcracker	<i>Nucifraga caryocatactes</i>	Rather common at mid to high altitudes.
Alpine Chough	<i>Pyrrhocorax graculus</i>	Scattered records.
Carrion Crow	<i>Corvus corone corone</i>	Higher altitudes.
Hooded Crow	<i>Corvus corone cornix</i>	Around Torino and elsewhere on the plains.
Raven	<i>Corvus corax</i>	Scattered records.
Starling	<i>Sturnus vulgaris</i>	Staffarda.
Italian Sparrow	<i>Passer domesticus italiae</i>	Widespread.
Snow Finch	<i>Montifringilla nivalis</i>	1 at Col d' Izoard.
Chaffinch	<i>Fringilla coelebs</i>	Widespread and common.

Serin	<i>Serinus serinus</i>	Scattered records.
Citril Finch	<i>Serinus citronella</i>	Valle Maira.
Goldfinch	<i>Carduelis carduelis</i>	Scattered records.
Linnet	<i>Carduelis cannabina</i>	Recorded on two days.
Redpoll	<i>Carduelis flammea</i>	Col de Sampeyre.
Common Crossbill	<i>Loxia curvirostra</i>	Several at one site.
Rock Bunting	<i>Emberiza cia</i>	Near Sampeyre.
Cirl Bunting	<i>Emberiza cirlus</i>	Staffarda.
Yellowhammer	<i>Emberiza citrinella</i>	Widespread in small numbers.

Systematic List Number 3

Reptiles and Amphibians

Pool/Edible Frog	<i>Rana lessonae/esculenta</i>	Staffarda.
Green Lizard	<i>Lacerta bilineata</i>	Only near Sampeyre.
Common Wall Lizard	<i>Podarcis muralis</i>	Widespread.
Western Whip Snake	<i>Coluber viridiflavus</i>	A road casualty near Melle.

Systematic List Number 4

Mammals

Roe Deer	<i>Capreolus capreolus</i>	1 above Sampeyre.
Wild Boar	<i>Sus scrofa</i>	Occasional rooting activity.
Alpine Marmot	<i>Marmota marmota</i>	Much in evidence at higher altitudes.
Rabbit	<i>Oryctolagus cuniculus</i>	2 at Staffarda.

Systematic List Number 5 Plants

The systematic order follows 'Flora Alpina' by Aeschimann et al (2004). Although this differs from the order used for most of our tours this is now the standard work for the area, and is therefore used here.

Ferns and Allies

<i>Selaginella helvetica</i>		Rocks at Torrette
<i>Equisetum arvense</i>	Common Horsetail	Scattered
<i>Equisetum telmateia</i>	Great Horsetail	Common at Staffarda
<i>Equisetum variegatum</i>	Variegated Horsetail	Higher altitudes
<i>Botrychium lunaria</i>	Moonwort	Local at higher altitudes
<i>Polypodium vulgare</i>	Common Polypody	Local
<i>Pteridium aquilinum</i>	Bracken	Near Sampeyre
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	Widespread
<i>Asplenium ruta-muraria</i>	Wall-rue	Local
<i>Asplenium viride</i>	Green Spleenwort	Local
<i>Asplenium adiantum-nigrum</i>	Black Spleenwort	Scattered
<i>Athyrium filix-femina</i>	Lady Fern	Widespread
<i>Athyrium distentifolium</i>	Alpine Lady Fern	Scattered at higher altitudes
<i>Cystopteris fragilis</i>	Brittle Bladder Fern	Widespread
<i>Gymnocarpium dryopteris</i>	Oak Fern	Local
<i>Matteuccia struthiopteris</i>	Ostrich Fern	Melle
<i>Dryopteris filix-mas</i>	Male Fern	Common
<i>Dryopteris affinis</i>	Scaly Male Fern	Local
<i>Dryopteris villarii</i>	Rigid Buckler Fern	Local
<i>Polystichum lonchitis</i>	Holly Fern	Local

Gymnospermae

Pinaceae

<i>Abies alba</i>	Silver Fir	Widespread
<i>Picea abies</i>	Norway Spruce	Locally dominant
<i>Larix decidua</i>	Larch	Locally dominant
<i>Pinus sylvestris</i>	Scot's Pine	Widespread
<i>Pinus mugo</i> ssp. <i>mugo</i>	Dwarf Mountain Pine	Higher altitudes
<i>Pinus mugo</i> ssp. <i>uncinata</i>	Mountain Pine	Widespread
<i>Pinus cembra</i>	Arolla Pine	Local, several young trees at higher altitudes.

Cupressaceae

<i>Juniperus communis</i> ssp. <i>alpina</i>	Prostrate Juniper	Locally common at higher altitudes
<i>Juniperus communis</i> ssp. <i>communis</i>	Juniper	Widespread

Angiospermae

Aristolochiaceae

<i>Asarum europaeum</i>	Asarabacca	Leaves at Melle
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Ranunculaceae

<i>Trollius europaeus</i>	Globeflower	Scattered records
<i>Caltha palustris</i>	Marsh Marigold	Scattered records
<i>Aconitum lycoctonum</i> ssp. <i>vulparia</i>	Wolfsbane	Locally common
<i>Aconitum variegatum</i>		Local
<i>Delphinium dubium</i>		Local, in good flower. Alpine endemic.
<i>Anemone narcissiflora</i>	Narcissus-flowered Anemone	Common c. 2200 to 2500m. All in seed this year.
<i>Hepatica nobilis</i>	Hepatica	Noted in leaf. Very common in flower in February and March.

<i>Pulsatilla alpina</i> ssp. <i>alpina</i>	Alpine Pasque Flower	Locally common at higher altitudes. All in seed this year.
<i>Pulsatilla alpina</i> ssp. <i>apiifolia</i>		Scattered records. All in seed this year.
<i>Clematis vitalba</i>	Traveller's Joy	Local
<i>Clematis alpina</i>	Alpine Clematis	Local, none in flower this year
<i>Ranunculus repens</i>	Creeping Buttercup	Scattered
<i>Ranunculus acris</i>	Meadow Buttercup	Widespread
<i>Ranunculus montanus</i>	Mountain Buttercup	Common at higher altitudes
<i>Ranunculus tuberosus</i>		In seed at Bellino
<i>Ranunculus glacialis</i>	Glacier Crowfoot	Locally common at higher altitudes
<i>Ranunculus kuepferi</i>		Not in flower this year
<i>Ranunculus aconitifolius</i>	Aconite-leaved Buttercup	Local
<i>Thalictrum minus</i>	Lesser Meadow-rue	Local
<i>Berberidaceae</i>		
<i>Berberis vulgaris</i>	Barberry	Valle Maira
<i>Papaveraceae</i>		
<i>Papaver rhoeas</i>	Corn Poppy	Local
<i>Papaver dubium</i>	Long-headed Poppy	Local
<i>Platanaceae</i>		
<i>Platanus orientalis</i>	Oriental Plane	Planted in urban areas
<i>Cannabaceae</i>		
<i>Humulus lupulus</i>	Hop	Near Sampeyre etc.
<i>Urticaceae</i>		
<i>Urtica dioica</i>	Common Nettle	
<i>Parietaria officinalis</i>	Common Pellitory	
<i>Juglandaceae</i>		
<i>Juglans regia</i>	Walnut	
<i>Fagaceae</i>		
<i>Fagus sylvatica</i>	Beech	
<i>Castanea sativa</i>	Sweet Chestnut	
<i>Quercus cerris</i>	Turkey Oak	
<i>Quercus petraea</i>	Sessile Oak	
<i>Quercus robur</i>	Common Oak	
<i>Quercus pubescens</i>	Downy Oak	
<i>Betulaceae</i>		
<i>Betula pendula</i>	Silver Birch	
<i>Alnus viridis</i>	Green Alder	
<i>Alnus glutinosa</i>	Alder	
<i>Alnus incana</i>	Grey Alder	
<i>Carpinus betulus</i>	Hornbeam	
<i>Corylus avellana</i>	Hazel	
<i>Phytolaccaceae</i>		
<i>Phytolacca americana</i>	Pokeberry	Staffarda

Ulmaceae*Ulmus glabra*
*Ulmus minor*Wych Elm
Small-leaved ElmScattered, e.g. Melle
Scattered**Chenopodiaceae***Chenopodium bonus-henricus*
*Chenopodium album*Good King Henry
Fat-henCommon
Scattered**Amaranthaceae***Amaranthus retroflexus*

Common Amaranth

Common on roadsides

Portulacaceae*Portulaca oleracea*

Common Purslane

Caryophyllaceae*Arenaria grandiflora*
Moehringia trinervia
Minuartia recurva
Minuartia laricifolia
Minuartia verna
Minuartia sedoides
Stellaria media
Cerastium latifolium
Cerastium arvense
Cerastium glomeratum
Myosoton aquaticum
Herniaria alpina
Silene vulgaris
Silene alba
Silene nutans
Silene dioica
Silene acaulis
Silene rupestris
Cucubalus baccifer
Lychnis flos-jovis
Gypsophila repens
Saponaria officinalis
Saponaria ocymoides
Petrorhagia saxifraga
Petrorhagia prolifera
Dianthus seguieri
Dianthus pavonius
Dianthus sylvestris
Dianthus furcatus
Dianthus deltoides
*Dianthus armeria*Large-flowered Sandwort
Three-nerved Sandwort
Sickle-leaved Sandwort

Spring Sandwort
Mossy Cyphel
Chickweed
Broad-leaved Mouse-ear
Field Mouse-ear
Sticky Mouse-ear
Water ChickweedBladder Champion
White Champion
Nottingham Catchfly
Red Champion
Moss Champion
Rock Champion
Berry Catchfly
Purple Lychnis
Creeping Gypsophila
Soapwort
Rock Soapwort
Tunic Flower
Proliferous Pink
Sequier's Pink
Three-veined Pink
Wood Pink
Painted Pink
Maiden Pink
Deptford PinkCol d' Agnello
Near Fondovet
Col de Sampeyre etc.
Locally common at mid altitudes
Below Col d' Agnello etc.
Col d' Agnello
Scattered
Col d' Agnello
Widespread
Scattered
Local
Higher altitudes
Widespread and common
Widespread
Widespread and common
Widespread
Locally common at higher altitudes
Locally common
Staffarda
Near the Refugio
Locally common
Roadsides
Scattered
Locally common
Local
Locally common
Locally common
Common
Local. *Ssp. dissimilis* noted too.
Local
Staffarda**Polygonaceae***Polygonum aviculare*
Polygonum persicaria
Polygonum bistorta
Polygonum viviparum
Oxyria digyna
Rumex acetosella
Rumex scutatus
*Rumex acetosa*Knot-grass
Redshank
Bistort
Alpine Bistort
Mountain Sorrel
Sheep's Sorrel
French Sorrel
Common SorrelLocally very common
Local at altitude
Local at higher altitudes
Local
Locally common
Common

<i>Rumex obtusifolius</i>	Broad-leaved Dock	Common
<i>Rumex crispus</i>	Curled Dock	Local
<i>Rumex alpestris</i>	Mountain Dock	Common
<i>Rumex alpinus</i>	Monk's Rhubarb	Bellino
<i>Plumbaginaceae</i>		
<i>Armeria alpina</i>	Mountain Thrift	Widespread
<i>Hypericaceae</i>		
<i>Hypericum perforatum</i>	Perforate St.John's-wort	Widespread
<i>Hypericum coris</i>	Heath-leaved St.John's-wort	Valle Maira etc.
<i>Hypericum hirsutum</i>	Hairy St.John's-wort	Staffarda
<i>Hypericum richeri</i>	Alpine St.John's-wort	Local
<i>Hypericum tetrapterum</i>	Square-stalked St.John's-wort	Melle
<i>Hypericum montanum</i>	Pale St.John's-wort	Melle
<i>Malvaceae</i>		
<i>Malva sylvestris</i>	Common Mallow	Roadsides lower down
<i>Malva neglecta</i>	Dwarf Mallow	
<i>Malva moschata</i>	Musk Mallow	
<i>Tiliaceae</i>		
<i>Tilia platyphyllos</i>	Large-leaved Lime	
<i>Tilia cordata</i>	Small-leaved Lime	
<i>Cistaceae</i>		
<i>Helianthemum apenninum</i>	White Rock-rose	Local
<i>Helianthemum nummularium</i>	Common Rock-rose	Widespread and common
<i>Helianthemum alpestre</i>	Alpine Rock-rose	Local
<i>Helianthemum canum</i>	Hoary Rock-rose	Local
<i>Violaceae</i>		
<i>Viola biflora</i>	Yellow Wood Violet	A few still in flower
<i>Viola calcarata</i>	Long-spurred Pansy	A few flowers below Col d' Agnello, very common earlier in the year
<i>Viola tricolor</i>	Wild Pansy	Scattered
<i>Viola palustris</i>	Bog Violet	Leaves only
<i>Viola arvensis</i>	Field Pansy	Scattered
<i>Tamaricaceae</i>		
<i>Myricaria germanica</i>	German Tamarisk	River gravels in France
<i>Cucurbitaceae</i>		
<i>Bryonia dioica</i>	White Bryony	Local
<i>Salicaceae</i>		
<i>Salix pentandra</i>	Bay Willow	
<i>Salix fragilis</i>	Crack Willow	
<i>Salix alba</i>	White Willow	Common
<i>Salix herbacea</i>		Near Col d' Agnello, and Izoard
<i>Salix reticulata</i>	Net-leaved Willow	Higher altitudes
<i>Salix breviserrata</i>	Fine-toothed Willow	Below Col d' Agnello
<i>Salix glaucosericea</i>	Silky Willow	
<i>Salix appendiculata</i>	Large-leaved Willow	
<i>Salix cinerea</i>	Grey Willow	
<i>Salix caprea</i>	Goat Willow	
<i>Salix eleagnos</i>	Olive Willow	
<i>Salix purpurea</i>	Purple Willow	

<i>Salix caesia</i>	Blue-green Willow	Common on both sides of Col d' Agnello. Endemic. Other species undoubtedly present.
<i>Salix</i> spp.		
<i>Populus tremula</i>	Aspen	
<i>Populus nigra</i>	Black Poplar	
<i>Populus alba</i>	White Poplar	
Brassicaceae		
<i>Sisymbrium austriacum</i>	Austrian Rocket	Locally common at higher altitudes
<i>Hugueninia tanacetifolia</i>	Tansy-leaved Rocket	Locally common
<i>Barbarea vulgaris</i>	Winter-cress	Scattered
<i>Barbarea verna</i>	American Winter-cress	Melle
<i>Isatis tinctoria</i>	Woad	Near Sampeyre
<i>Erysimum rhaeticum</i>		Road to Col d' Agnello
<i>Erysimum burnatii</i>		Probably this species at the Col d' Agnello
<i>Arabis alpina</i>	Alpine Rock-cress	Below Col d' Agnello
<i>Turritis glabra</i>	Tower Mustard	Local
<i>Alyssoides utriculata</i>		In seed near Sampeyre. Not recorded for Cuneo in Flora Alpina.
<i>Capsella bursa-pastoris</i>	Shepherd's-Purse	Scattered
<i>Pritzelago alpina</i>	Chamois Cress	High altitudes
<i>Thlaspi virens</i>		Below Col de Sampeyre
<i>Biscutella laevigata</i>		Scattered
<i>Erucastrum nasturtiifolium</i>		Sampeyre
Resedaceae		
<i>Reseda lutea</i>	Wild Mignonette	Local
Ericaceae		
<i>Calluna vulgaris</i>	Ling	Local
<i>Rhododendron ferrugineum</i>	Alpenrose	Col de Sampeyre, a few still in flower
<i>Vaccinium uliginosum</i>	Bog Whortleberry	Locally common
<i>Vaccinium myrtillus</i>	Bilberry	Local
<i>Vaccinium vitis-idaea</i>	Cowberry	Local
<i>Arctostaphylos uva-ursi</i>	Bearberry	Local
Primulaceae		
<i>Primula elatior</i>	Oxlip	In seed
<i>Primula veris</i>	Cowslip	In seed
<i>Primula farinosa</i>	Bird's-eye Primrose	Local
<i>Primula marginata</i>		In leaf and seed
<i>Lysimachia vulgaris</i>	Yellow Loosestrife	Melle
Crassulaceae		
<i>Sempervivum arachnoideum</i>	Cobweb Houseleek	Widespread
<i>Sempervivum montanum</i>	Mountain Houseleek	Local
<i>Sempervivum tectorum</i>	Common Houseleek	Local
<i>Sedum anacampseros</i>	Reddish Stonecrop	Local at higher altitudes
<i>Sedum montanum</i>		Widespread and common
<i>Sedum acre</i>	Biting Stonecrop	Scattered
<i>Sedum album</i>	White Stonecrop	Widespread
<i>Sedum alsinefolium</i>		Common at one site. Endemic.
<i>Sedum villosum</i>	Hairy Stonecrop	On one rock below Col de Sampeyre
<i>Sedum annuum</i>		Local
<i>Rhodiola rosea</i>	Roseroot	Local
Saxifragaceae		
<i>Saxifraga rotundifolia</i>	Round-leaved Saxifrage	Locally common
<i>Saxifraga oppositifolia</i>	Purple Saxifrage	Widespread in leaf

<i>Saxifraga retusa</i> ssp. <i>augustana</i>		Still just in flower on Col d'Agnello
<i>Saxifraga exarata</i> ssp. <i>exarata</i>		Scattered records
<i>Saxifraga paniculata</i>	Paniculate Saxifrage	Widespread and not uncommon
<i>Saxifraga aizoides</i>	Yellow Saxifrage	Very common near Col d'Agnello etc.
<i>Parnassia palustris</i>	Grass of Parnassus	Locally common
<i>Ribes uva-crispa</i>	Gooseberry	Torrette etc.

Rosaceae

<i>Aruncus dioicus</i>	Goatsbeard Spiraea	Common
<i>Filipendula ulmaria</i>	Meadowsweet	Widespread
<i>Rubus idaeus</i>	Raspberry	Common
<i>Rubus caesius</i>	Dewberry	Scattered
<i>Rubus fruticosus</i> agg.	Brambles	
<i>Rubus saxatilis</i>	Rock Bramble	
<i>Rosa glauca</i>	Glaucous Dog Rose	Common at Bellino
<i>Rosa pendulina</i>	Mountain Rose	
<i>Rosa montana</i>		Scattered
<i>Rosa canina</i>	Dog Rose	Widespread
<i>Rosa</i> spp.	Roses	Several other species present.
<i>Agrimonia eupatoria</i>	Agrimony	Widespread
<i>Sanguisorba officinalis</i>	Great Burnet	Local
<i>Sanguisorba minor</i>	Salad Burnet	Local
<i>Dryas octopetala</i>	Mountain Avens	Col d'Izoard
<i>Geum urbanum</i>	Herb Bennet	Scattered
<i>Geum reptans</i>	Creeping Avens	Col d'Agnello
<i>Geum montanum</i>	Alpine Avens	Locally common
<i>Geum rivale</i>	Water Avens	Scattered
<i>Potentilla grandiflora</i>	Large-flowered Cinquefoil	Locally common
<i>Potentilla recta</i>	Sulphur Cinquefoil	Sampeyre
<i>Potentilla argentea</i>	Hoary Cinquefoil	Local
<i>Potentilla aurea</i>	Golden Cinquefoil	Col d'Agnello
<i>Potentilla erecta</i>	Tormentil	Scattered
<i>Fragaria vesca</i>	Wild Strawberry	
<i>Fragaria viridis</i>	Green Strawberry	
<i>Fragaria moschata</i>	Hautbois Strawberry	
<i>Alchemilla alpina</i>	Alpine Lady's Mantle	
<i>Alchemilla conjuncta</i>		
<i>Alchemilla hybrida</i>		
<i>Alchemilla xanthochlora</i>		
<i>Alchemilla glabra</i>		
<i>Alchemilla</i> spp		Other species probably present.
<i>Malus sylvestris</i>	Crab Apple	
<i>Sorbus aria</i>	Whitebeam	
<i>Sorbus aucuparia</i>	Rowan	Common
<i>Amelanchier ovalis</i>	Snowy Mespilus	
<i>Crataegus monogyna</i>	Hawthorn	
<i>Prunus spinosa</i>	Blackthorn	Staffarda
<i>Prunus avium</i>	Wild Cherry	Scattered
<i>Prunus padus</i>	Bird Cherry	Staffarda
<i>Prunus brigantina</i>	Briancon Apricot	France. Endemic. (syn. <i>P. brigantiaca</i>)

Fabaceae

<i>Laburnum anagyroides</i>	Laburnum	
<i>Laburnum alpinum</i>	Alpine Laburnum	
<i>Cytisophyllum sessilifolium</i>		Scattered
<i>Chamaecytisus hirsutus</i> ssp. <i>pumilus</i>	Hairy Broom	Sampeyre
<i>Robinia pseudacacia</i>	False Acacia	Locally common
<i>Genista tinctoria</i>	Dyer's Greenweed	Scattered
<i>Genista germanica</i>	German Broom	Locally common

<i>Galega officinalis</i>	Goat's-rue	Staffarda
<i>Astragalus cicer</i>	Wild Lentil	Near Sampeyre
<i>Astragalus hypoglottis</i>	Purple Milk-vetch	Very local
<i>Astragalus glycyphyllos</i>	Wild Liquorice	Scattered
<i>Astragalus alopecuroides</i>		This fine plant was growing on road verges in France. Syn. <i>A.centralpinus</i> .
<i>Astragalus sempervirens</i>	Mountain Tragacanth	In seed in Valle Maira
<i>Oxytropis helvetica</i>		Col d'Agnello
<i>Oxytropis amethystea</i>		In seed on Col d'Izoard
<i>Oxytropis campestris</i>	Yellow Oxytropis	French side of Col d'Agnello
<i>Oxytropis pilosa</i>		French side of Col d'Agnello
<i>Vicia cracca</i>	Tufted Vetch	Scattered
<i>Lathyrus pratensis</i>	Meadow Vetchling	Scattered
<i>Lathyrus sylvestris</i>	Narrow-leaved Everlasting Pea	Scattered
<i>Lathyrus heterophyllus</i>		Scattered
<i>Ononis rotundifolia</i>	Round-leaved Restharrow	French side of Col d'Agnello
<i>Ononis repens</i>	Common Restharrow	Local
<i>Ononis spinosa</i>	Spiny Restharrow	Near Sampeyre
<i>Ononis natrix</i>	Large Yellow Restharrow	Locally common
<i>Ononis cristata</i>	Mt.Cenis Restharrow	Valle Maira and Izoard
<i>Melilotus albus</i>	White Melilot	Widespread
<i>Medicago sativa</i>	Lucerne	Scattered
<i>Medicago falcata</i>	Sickle Medick	Near Sampeyre
<i>Medicago lupulina</i>	Black Medick	Widespread
<i>Trifolium alpinum</i>	Alpine Clover	Local at higher altitudes
<i>Trifolium montanum</i>	Mountain Clover	Locally common
<i>Trifolium repens</i>	White Clover	Widespread
<i>Trifolium pallelescens</i>		Scattered
<i>Trifolium thalli</i>		Scattered
<i>Trifolium badium</i>	Brown Clover	Locally common
<i>Trifolium campestre</i>	Hop Trefoil	Scattered
<i>Trifolium aureum</i>	Large Hop Trefoil	Locally common
<i>Trifolium arvense</i>	Hare's-foot Clover	Near Sampeyre
<i>Trifolium pratense</i>	Red Clover	Widespread
<i>Trifolium medium</i>	Zigzag Clover	Scattered
<i>Trifolium alpestre</i>	Alpine Trefoil	Scattered
<i>Trifolium dubium</i>	Lesser Trefoil	Scattered
<i>Trifolium pannonicum</i>	Hungarian Clover	Col de Sampeyre
<i>Lotus corniculatus</i>	Bird's-foot Trefoil	Common
<i>Lotus alpinus</i>	Alpine Bird's-foot Trefoil	Common at higher altitudes
<i>Anthyllis vulneraria</i>	Kidney Vetch	Widespread
<i>Anthyllis montana</i>	Mountain Vetch	Gone over, upper Valle Maira
<i>Coronilla varia</i>		Locally common
<i>Hedysarum brigantiacum</i>		On both sides of the Col d'Agnello. Endemic.
<i>Onobrychis montana</i>		Common
<i>Onobrychis viciifolia</i>		Scattered
<i>Elaeagnaceae</i>		
<i>Hippophae rhamnoides</i>	Sea Buckthorn	France
<i>Lythraceae</i>		
<i>Lythrum salicaria</i>	Purple Loosestrife	Common on roadsides at lower altitudes
<i>Thymeleaceae</i>		
<i>Daphne alpina</i>	Alpine Spurge	Local, in fruit
<i>Onagraceae</i>		
<i>Circaea lutetiana</i>	Enchanter's Nightshade	Melle
<i>Epilobium angustifolium</i>	Rosebay Willowherb	Abundant
<i>Epilobium fleischeri</i>		River gravels etc.

<i>Epilobium hirsutum</i>	Great Willowherb	Scattered
<i>Epilobium montanum</i>	Broad-leaved Willowherb	Widespread
<i>Epilobium anagallidifolium</i>	Alpine Willowherb	Wet flushes
<i>Epilobium alsinifolium</i>	Chickweed Willowherb	Wet flushes
Cornaceae		
<i>Cornus sanguinea</i>	Dogwood	Staffarda
Santalaceae		
<i>Thesium alpinum</i>	Alpine Bastard Toadflax	Very local
<i>Thesium divaricatum</i>	Branched Bastard Toadflax	Valle Maira
Celastraceae		
<i>Euonymus europaeus</i>	Spindle	
Aquifoliaceae		
<i>Ilex aquifolium</i>	Holly	
Buxaceae		
<i>Buxus sempervirens</i>	Box	
Euphorbiaceae		
<i>Euphorbia maculate</i>	Spotted Spurge	Pavement at Staffarda
<i>Euphorbia dulcis</i>	Sweet Spurge	Scattered records
<i>Euphorbia cyparissias</i>	Cypress Spurge	Locally common
Rhamnaceae		
<i>Rhamnus pumilus</i>	Dwarf Buckthorn	Scattered
<i>Rhamnus catharticus</i>	Buckthorn	Scattered
<i>Rhamnus alpina</i>	Alpine Buckthorn	Valle Maira etc.
<i>Rhamnus saxatilis</i>	Rock Buckthorn	Below Col d' Agnello
<i>Frangula alnus</i>	Alder Buckthorn	Staffarda
Linaceae		
<i>Linum alpinum</i>	Mountain Flax	1 plant in France
<i>Linum suffruticosum</i>		Local
<i>Linum catharticum</i>	Purging Flax	Scattered
Polygalaceae		
<i>Polygala nicaeensis</i>	Nice Milkwort	Very local
<i>Polygala vulgaris</i>	Common Milkwort	Very local
<i>Polygala alpestris</i>		Col d' Agnello
Hippocastanaceae		
<i>Aesculus hippocastanum</i>	Horse-chestnut	Planted in urban areas
Aceraceae		
<i>Acer opalus</i>	Italian Maple	Bellino
<i>Acer campestre</i>	Field Maple	
<i>Acer pseudoplatanus</i>	Sycamore	
Oxalidaceae		
<i>Oxalis corniculata</i>		Scattered
<i>Oxalis acetosella</i>	Wood Sorrel	In leaf
Geraniaceae		
<i>Geranium sylvaticum</i>	Wood Cranesbill	Common
<i>Geranium nodosum</i>	Knotted Cranesbill	Very local

<i>Geranium phaeum</i>	Dusky Cranesbill	Locally common
<i>Geranium robertianum</i>	Herb Robert	Widespread
<i>Geranium pyrenaicum</i>	Hedgerow Cranesbill	Widespread

Araliaceae

<i>Hedera helix</i>	Ivy	
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Apiaceae

<i>Astrantia minor</i>	Lesser Masterwort	Rather common
<i>Astrantia major</i>	Greater Masterwort	Local
<i>Chaerophyllum hirsutum</i>	Hairy Chervil	Widespread
<i>Chaerophyllum villarsii</i>		Scattered
<i>Chaerophyllum temulum</i>	Rough Chervil	Local
<i>Anthriscus sylvestris</i>	Cow Parsley	
<i>Myrrhis odorata</i>	Sweet Cicely	Valle Maira, in seed
<i>Conopodium majus</i>	Pignut	Widespread
<i>Pimpinella saxifraga</i>	Burnet Saxifrage	Widespread
<i>Aegopodium podagraria</i>	Ground Elder	Scattered
<i>Athamanta cretensis</i>	Candy Carrot	Local
<i>Meum athamanticum</i>	Spignel	Col d' Agnello, in leaf
<i>Bupleurum ranunculoides</i>	Thorow-wax	Local
<i>Bupleurum falcatum</i>	Sickle-leaved Hare's-ear	Valle Maira
<i>Carum carvi</i>	Caraway	Scattered
<i>Ligusticum mutellinoides</i>		Higher altitudes
<i>Angelica sylvestris</i>	Wild Angelica	Local
<i>Peucedanum ostruthium</i>	Masterwort	Locally common
<i>Pastinaca sativa</i>	Parsnip	Roadsides
<i>Heracleum sphondylium</i>	Hogweed	Common
<i>Laserpitium latifolium</i>	Broad-leaved Sermountain	Common
<i>Laserpitium siler</i>		Common
<i>Torilis japonica</i>	Upright Hedge-parsley	Sampeyre
<i>Daucus carota</i>	Wild Carrot	Widespread

Gentianaceae

<i>Centaurium erythraea</i>	Common Centaury	Valle Maira
<i>Centaurium pulchellum</i>	Lesser Centaury	Staffarda
<i>Gentiana lutea</i>	Yellow Gentian	Locally common but all in seed
<i>Gentiana punctata</i>	Dotted-flowered Gentian	Several near Col de Sampeyre
<i>Gentiana acaulis</i>	Trumpet Gentian	Scattered at higher altitudes. In seed.
<i>Gentiana cruciata</i>	Cross Gentian	Local, e.g. Valle Maira and in France
<i>Gentiana verna</i>	Spring Gentian	Several gone over
<i>Gentiana rostarii</i>		Below Col d' Agnello. Endemic.
<i>Gentiana nivalis</i>	Snow Gentian	Scattered records, locally common
<i>Gentiana tenella</i>	Slender Gentian	Streamside below Col d' Agnello
<i>Gentiana campestris</i>	Field Gentian	Locally very common

Solanaceae

<i>Solanum dulcamara</i>	Bittersweet	
<i>Solanum nigrum</i>	Black Nightshade	Staffarda

Asclepiadaceae

<i>Vincetoxicum hirundinaria</i>	Swallowwort	Valle Maira etc.
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Convolvulaceae

<i>Cuscuta epithymum</i>	Dodder	One plant full of flowers near Sampeyre
<i>Convolvulus arvensis</i>	Field Bindweed	Scattered
<i>Calystegia sepium</i>	Hedge Bindweed	

Boraginaceae

<i>Buglossoides arvensis</i>	Corn Gromwell	Noted in France
<i>Echium vulgare</i>	Viper's Bugloss	Widespread
<i>Pulmonaria officinalis</i>	Common Lungwort	In leaf
<i>Anchusa officinalis</i>	Alkanet	Scattered
<i>Cynoglossum officinale</i>	Hound's Tongue	In seed
<i>Myosotis arvensis</i>	Field Forget-me-not	
<i>Myosotis sylvatica</i>	Wood Forget-me-not	
<i>Myosotis alpestris</i>	Alpine Forget-me-not	
<i>Lappula squarrosa</i>	Bur Forget-me-not	Noted in France

Verbenaceae

<i>Verbena officinalis</i>	Vervain	Staffarda etc.
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Lamiaceae

<i>Teucrium chamaedrys</i>	Wall Germander	Local
<i>Teucrium scorodonia</i>	Wood-sage	Sampeyre
<i>Teucrium montanum</i>	Mountain Germander	Very local
<i>Scutellaria alpina</i>	Alpine Skullcap	Local e.g. French side of Col D'Agello
<i>Sideritis montana</i>		Valle Maira
<i>Galeopsis ladanum</i>	Broad-leaved Hemp-nettle	Locally common
<i>Galeopsis tetrahit</i>	Common Hemp-nettle	Locally common
<i>Galeopsis pubescens</i>	Downy Hemp-nettle	Scattered
<i>Lamium amplexicaule</i>	Henbit Deadnettle	
<i>Ballota nigra</i>	Black Horehound	
<i>Stachys officinalis</i>	Betony	Scattered
<i>Stachys recta</i>	Yellow Woundwort	Scattered
<i>Stachys sylvatica</i>	Hedge Woundwort	Local
<i>Stachys pradica</i>		Very local
<i>Nepeta nepetella</i>	Small Catmint	Val Maira
<i>Prunella grandiflora</i>	Large Self-heal	Local
<i>Prunella vulgaris</i>	Self-heal	Widespread
<i>Acinos alpinus</i>	Alpine Calamint	Locally common
<i>Acinos arvensis</i>	Basil Thyme	Very local
<i>Calamintha grandiflora</i>	Greater Calamint	Valle Maira etc.
<i>Clinopodium vulgare</i>	Wild Basil	Common and widespread
<i>Origanum vulgare</i>	Marjoram	Local
<i>Thymus praecox</i>	Hairy Thyme	Common and widespread
<i>Thymus pulegioides</i>	Larger Wild Thyme	Scattered
<i>Mentha longifolia</i>	Horse Mint	Scattered
<i>Lavandula angustifolia</i>	Common Lavender	Very local, Valle Maira and France
<i>Salvia glutinosa</i>	Sticky Clary	Valle Maira
<i>Salvia pratensis</i>	Meadow Clary	Widespread and common

Plantaginaceae

<i>Plantago major</i>	Greater Plantain
<i>Plantago maritima</i> ssp. <i>serpentina</i>	Fleshy Plantain
<i>Plantago media</i>	Hoary Plantain
<i>Plantago atrata</i>	Mountain Plantain
<i>Plantago lanceolata</i>	Ribwort Plantain
<i>Plantago alpina</i>	Alpine Plantain

Buddlejaceae

<i>Buddleja davidii</i>

Oleaceae

<i>Fraxinus ornus</i>	Manna-ash
<i>Fraxinus excelsior</i>	Ash
<i>Ligustrum vulgare</i>	Privet

Scrophulariaceae

<i>Verbascum blattaria</i>	Moth Mullein	Staffarda
<i>Verbascum phlomoides</i>	Orange Mullein	Scattered
<i>Verbascum thapsus</i>	Aaron's Rod	Scattered
<i>Verbascum pulverulentum</i>	Hoary Mullein	Rather common
<i>Verbascum nigrum</i>	Dark Mullein	Scattered
<i>Verbascum chaixii</i>	Nettle-leaved Mullein	Near Sampeyre etc.
<i>Scrophularia canina</i>	French Figwort	Scattered in seed, e.g. Bellino
<i>Scrophularia nodosa</i>	Common Figwort	In seed at Valmala and Staffarda
<i>Antirrhinum latifolium</i>	Snapdragon	Val Varaita
<i>Linaria angustissima</i>		Scattered records
<i>Linaria alpina</i>	Alpine Toadflax	A few plants at Col d' Agnello
<i>Linaria repens</i>	Pale Toadflax	France
<i>Linaria supina</i>		Scattered records
<i>Digitalis grandiflora</i>	Large Yellow Foxglove	Local
<i>Veronica alpina</i>	Alpine Speedwell	Higher altitudes, very local
<i>Veronica fruticosa</i>	Rock Speedwell	Col d' Agnello
<i>Veronica fruticulosa</i>		Upper Valle Maira
<i>Veronica urticifolia</i>	Nettle-leaved Speedwell	In seed
<i>Veronica officinalis</i>	Heath Speedwell	
<i>Veronica allionii</i>		Local at higher altitude. Endemic.
<i>Veronica chamaedrys</i>	Germander Speedwell	Widespread
<i>Veronica persica</i>	Common Field-speedwell	Scattered
<i>Veronica hederifolia</i>	Ivy-leaved Speedwell	In seed
<i>Melampyrum sylvaticum</i>	Small Cow-wheat	Locally common
<i>Melampyrum nemorosum</i>	Blue Cow-wheat	Valle Maira
<i>Euphrasia stricta</i>	Glossy Eyebright	
<i>Euphrasia alpina</i>	Alpine Eyebright	Locally common at altitude, e.g. Col de Sampeyre
<i>Euphrasia rostkoviana</i>		
<i>Euphrasia minima</i>	Dwarf Eyebright	
<i>Bartsia alpina</i>	Alpine Bartsia	Below Col d' Agnello
<i>Pedicularis rosea</i> ssp. <i>allionii</i>	Pink Lousewort	Plant hairy, most leaves basal, upper lip of flower not beaked. Below Col d' Agnello.
<i>Pedicularis verticillata</i>	Verticillate Lousewort	Locally common, e.g. stream below Col de Sampeyre. Pink flowers, leaves in whorls.
<i>Pedicularis comosa</i>	Tufted Lousewort	In seed on French side of Col d' Agnello. Flowers pale yellow.
<i>Pedicularis rostratospicata</i>	Flesh-pink Lousewort	Stem with two lines of hairs (Flora Helvetica)
ssp. <i>helvetica</i>		Pink flowers long beaked. Col de Sampeyre.
<i>Pedicularis kernerii</i>		France
<i>Pedicularis cenisia</i>	Mt. Cenis Lousewort	Pink flowers, stems, bracts and calyces hairy. Flowers long beaked. Col d' Izoard.
<i>Pedicularis gyroflexa</i>	Tufted Lousewort	Downy, pink flowers short beaked, on limestone. Scattered records.
<i>Rhinanthus alectrolophus</i>	Greater Yellow Rattle	Widespread
<i>Rhinanthus minor</i>	Yellow Rattle	Widespread
<i>Rhinanthus ovifugus</i>		

Globulariaceae

<i>Globularia cordifolia</i>	Heart-leaved Globularia	Very local
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Orobanchaceae

<i>Orobanche arenaria</i>		Near Sampeyre, on <i>Artemisia chamaemelifolia</i>
<i>Orobanche alba</i>	Thyme Broomrape	A few dead spikes on <i>Thymus</i>
<i>Orobanche caryophyllacea</i>	Clove-scented Broomrape	A few spikes seen
<i>Orobanche teucritii</i>		Very local, on <i>Teucrium chamaedrys</i>

Lentibulariaceae

<i>Pinguicula vulgaris</i> <i>Pinguicula arvetii</i>	Common Butterwort	Local. Only leaf rosettes seen. What appears to be this endemic species in good flower below the Col d' Agnello. However not recorded in Cuneo in Flora Alpina, although present in Hautes-Alpes a few km away.
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Campanulaceae

<i>Campanula patula</i> <i>Campanula alpestris</i>	Spreading Bellflower	Widespread Some fine examples on both sides of Col d' Agnello, and at Col d' Izoard
<i>Campanula glomerata</i> <i>Campanula cervicaria</i>	Clustered Bellflower	Widespread Bellino
<i>Campanula spicata</i> <i>Campanula trachelium</i> <i>Campanula rapunculoides</i>	Spiked Bellflower Nettle-leaved Bellflower Creeping Bellflower	Not uncommon Widespread and common Scattered records
<i>Campanula bertolae</i> <i>Campanula cochlearifolia</i> <i>Campanula stenocodon</i> <i>Campanula scheuchzeri</i> <i>Campanula rotundifolia</i>	Fairy's Thimble	Very local. Endemic. Scattered records Scattered records. Endemic. Widespread
<i>Phyteuma ovatum</i>	Harebell Dark Rampion	Widespread Stream below Col de Sampeyre, otherwise mostly over at this time.
<i>Phyteuma michelii</i>		Locally common at higher altitudes, e.g. Col de Sampeyre.
<i>Phyteuma scorzonrifolium</i> <i>Phyteuma betonicifolium</i> <i>Phyteuma orbiculare</i> <i>Phyteuma charmelii</i> <i>Phyteuma globulariifolium</i> ssp. <i>pedemontanum</i>	Scorzonera-leaved Rampion Betony-leaved Rampion Round-headed Rampion	Local Not uncommon Scattered Col d' Izoard Some fine examples below Col d' Agnello
<i>Jasione montana</i>	Mountain Sheepsbit	Local

Rubiaceae

<i>Asperula cynanchica</i> <i>Asperula rupicola</i> <i>Galium rotundifolium</i> <i>Galium boreale</i> <i>Galium verum</i> <i>Galium mollugo</i> <i>Galium album</i> <i>Galium aristatum</i> <i>Galium rubrum</i> <i>Galium pumilum</i> <i>Galium anisophyllum</i>	Squinancywort Northern Bedstraw Lady's Bedstraw Hedge Bedstraw Upright Hedge Bedstraw Slender Bedstraw	Local, e.g. near Sampeyre Seen at one site. Endemic. Melle Local Scattered Widespread Staffarda Seen on the first day Road to Col de Sampeyre, red flowers The common small white flowered bedstraw at mid to high altitudes Col d' Agnello. Cushions with yellowish white flowers.
<i>Galium megalospermum</i>		
<i>Galium aparine</i> <i>Cruciata laevipes</i> <i>Cruciata glabra</i> <i>Cruciata pedemontana</i>	Cleavers Crosswort	Scattered Scattered

Caprifoliaceae

<i>Sambucus nigra</i> <i>Sambucus racemosa</i>	Elder Red-berried Elder	Locally in fruit
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<i>Sambucus ebulus</i>	Dwarf Elder	Roadsides lower down. Surprisingly it is not strongly attractive as a nectar source for butterflies in the area, as it is elsewhere in Europe.
<i>Lonicera xylosteum</i>	Fly Honeysuckle	In fruit
Valerianaceae		
<i>Valeriana officinalis</i>	Common Valerian	Scattered
<i>Valeriana montana</i>	Mountain Valerian	Col d'Izoard
<i>Valeriana salianca</i>	Entire-leaved Valerian	In seed on Col d'Izoard,
<i>Centranthus angustifolius</i>		Locally common, Valle Maira and France
Dipsacaceae		
<i>Knautia arvensis</i>	Field Scabious	
<i>Scabiosa triandra</i>		
<i>Scabiosa columbaria</i>	Small Scabious	
<i>Scabiosa vestita</i>		Scattered at higher altitudes
<i>Dipsacus fullonum</i>	Teasel	
Asteraceae		
<i>Eupatorium cannabinum</i>	Hemp Agrimony	Widespread
<i>Solidago virgaurea</i>	Goldenrod	Widespread
<i>Solidago canadensis</i>	Canadian Goldenrod	Staffarda etc.
<i>Aster alpinus</i>	Alpine Aster	Local at higher altitudes
<i>Aster bellidiastrum</i>		Below Col d'Agnello
<i>Erigeron annuus</i>	Tall Fleabane	Widespread and common
<i>Erigeron acer</i>	Blue Fleabane	Local
<i>Erigeron alpinus</i>	Alpine Fleabane	Local at higher altitudes
<i>Erigeron uniflorus</i>	Arctic Fleabane	
<i>Conyza canadensis</i>	Canadian Fleabane	Staffarda
<i>Gnaphalium sylvaticum</i>	Heath Cudweed	Near Fondovet
<i>Antennaria carpatica</i>	Carpathian Cat's Foot	
<i>Antennaria dioica</i>	Cat's Foot	
<i>Leontopodium alpinum</i>	Edelweiss	Some fine plants at higher altitudes
<i>Bupthalmum salicifolium</i>		Scattered records
<i>Rudbeckia laciniata</i>	Coneflower	Common at Staffarda
<i>Achillea erba-rotta</i>		Col d'Agnello
<i>Achillea millefolium</i>	Yarrow	Widespread
<i>Achillea nana</i>	Dwarf Milfoil	Col d'Agnello. Endemic.
<i>Matricaria discoidea</i>	Pineapple Weed	
<i>Tanacetum vulgare</i>	Tansy	Roadsides at lower altitudes
<i>Leucanthemum vulgare</i>	Ox-eye Daisy	Widespread, other species of this very complex genus probably present
<i>Leucanthemopsis alpina</i>	Alpine Moon Daisy	Col d'Agnello
<i>Artemisia vulgaris</i>	Mugwort	
<i>Artemisia verlotiorum</i>	Chinese Mugwort	Roadsides
<i>Artemisia absinthium</i>	Wormwood	Widespread
<i>Artemisia chamaemelifolia</i>		Bellino
<i>Artemisia campestris</i>	Field Wormwood	
<i>Artemisia annua</i>	Annual Mugwort	Bellino
<i>Tussilago farfara</i>	Colt's-foot	
<i>Petasites hybridus</i>	Butterbur	
<i>Petasites albus</i>	White Butterbur	
<i>Homogyne alpina</i>	Alpine Colt's-foot	Local
<i>Adenostyles alliariae</i>		
<i>Adenostyles alpina</i>		
<i>Arnica montana</i>	Arnica	Scattered
<i>Doronicum grandiflorum</i>	Large-flowered Leopard's-bane	Locally common at higher altitudes
<i>Doronicum austriacum</i>	Austrian Leopard's-bane	Road to Col de Sampeyre
<i>Senecio vulgaris</i>	Groundsel	

<i>Senecio vicosus</i>	Sticky Groundsel	
<i>Senecio incanus</i>	Hoary Groundsel	Col de Sampeyre
<i>Senecio ovatus ssp.alpestris</i>		Woods
<i>Senecio doronicum</i>	Chamois Ragwort	Col d'Agnello
<i>Tephroseria capitata</i>		Col d'Agnello
<i>Carlina acaulis</i>	Stemless Carlina Thistle	
<i>Carlina acaulis ssp.caulescens</i>		
<i>Carlina vulgaris</i>	Carlina Thistle	
<i>Echinops ritro</i>	Globe Thistle	France
<i>Arctium lappa</i>	Greater Burdock	
<i>Arctium minus</i>	Lesser Burdock	
<i>Arctium nemorosum</i>		
<i>Carduus defloratus</i>	Variable-leaved Thistle	Common at altitude.
<i>Carduus nutans</i>	Musk Thistle	Local
<i>Carduus personata</i>	Great Marsh Thistle	
<i>Cirsium eriophorum</i>	Woolly Thistle	Common at Colletto
<i>Cirsium vulgare</i>	Spear Thistle	
<i>Cirsium montanum</i>		Scattered
<i>Cirsium erisithales</i>	Yellow Melancholy Thistle	
<i>Cirsium spinosissimum</i>	Spiniest Thistle	Common on Col d'Agnello
<i>Cirsium acaule</i>	Stemless Thistle	Valmala
<i>Cirsium palustre</i>	Marsh Thistle	
<i>Cirsium arvense</i>	Creeping Thistle	Common
<i>Onopordum acanthium</i>	Cotton Thistle	
<i>Centaurea scabiosa</i>	Greater Knapweed	Widespread
<i>Centaurea nigrescens</i>	Black-rayed Knapweed	
<i>Centaurea uniflora</i>	Plume Knapweed	Common
<i>Centaurea nervosa</i>		
<i>Centaurea montana</i>	Mountain Cornflower	Widespread
<i>Cichorium intybus</i>	Chicory	Roadsides lower down
<i>Hypochoeris uniflora</i>	Giant Catsear	Locally common
<i>Hypochoeris radicata</i>	Cat's-ear	
<i>Tragopogon pratensis</i>	Goat's-beard	Scattered
<i>Sonchus oleraceus</i>	Smooth Sow-thistle	
<i>Sonchus asper</i>	Prickly Sow-thistle	
<i>Lactuca serriola</i>	Prickly Lettuce	Roadsides
<i>Lactuca perennis</i>	Perennial Lettuce	Local
<i>Cicerbita alpina</i>	Alpine Sow-thistle	Below Col d'Agnello
<i>Prenanthes purpurea</i>	Purple Rattlesnake-root	Valmala
<i>Mycelis muralis</i>	Wall Lettuce	Widespread
<i>Taraxacum officinale</i>	Dandelion	
<i>Taraxacum spp.</i>		Other species not identified
<i>Lapsana communis</i>	Nipplewort	Scattered
<i>Crepis conyzifolia</i>		Scattered
<i>Crepis spp.</i>		Several others to be identified!
<i>Hieracium staticifolium</i>		Scattered
<i>Hieracium pilosella</i>	Mouse-ear Hawkweed	Widespread
<i>Hieracium lactucella</i>		Local
<i>Hieracium angustifolium</i>		Col de Sampeyre
<i>Hieracium murorum</i>	Wall Hawkweed	Scattered
<i>Hieracium pilosum</i>		
<i>Hieracium piliferum</i>		
<i>Hieracium pictum</i>		In leaf
<i>Hieracium tomentosum</i>	Woolly Hawkweed	Below Col d'Agnello
<i>Hieracium amplexicaule</i>		Noted on the first day

Monocotyledons

Alismataceae

Alisma plantago-aquatica Water Plantain Staffarda

Potamogetonaceae

Potamogeton natans Broad-leaved Pondweed In pond at Staffarda

Juncaceae

Juncus jacquinii Locally common at altitude. One of the most beautiful plants in the area.

Juncus effusus Soft Rush
Juncus trifidus Three-leaved Rush Below Col d' Agnello
Juncus compressus Round-fruited Rush Local
Juncus tenuis Slender Rush Staffarda
Juncus articulatus Jointed Rush Scattered
Luzula sudetica Not uncommon at mid altitudes
Luzula nivea Snow-white Wood-rush Widespread and common
Luzula luzuloides White Wood-rush Scattered
Luzula alpinopilosa Scattered
Luzula pilosa Hairy Wood-rush

Cyperaceae

Scirpus sylvaticus Wood Club-rush Staffarda
Eriophorum latifolium Broad-leaved Cotton-grass
Eriophorum angustifolium Common Cotton-grass
Schoenoplectus lacustris Common Club-rush Staffarda
Blismus compressus Flat-sedge Below Col d' Agnello
Schoenus nigricans Black Bog-rush Below Col d' Agnello
Carex paniculata Greater Tussock Sedge
Carex spicata Spiked Sedge
Carex remota Remote Sedge
Carex leporina Oval Sedge
Carex echinata Star Sedge
Carex davalliana Davall's Sedge
Carex dioica Dioecious Sedge
Carex panicea Carnation Sedge
Carex hostiana Tawny Sedge
Carex lepidocarpa Long-stalked Yellow Sedge
Carex digitata Fingered Sedge
Carex ornithopodioides
Carex sempervirens
Carex atrata Black Alpine Sedge
Carex elata Tufted Sedge
Carex nigra Common Sedge

Poaceae

Festuca altissima Wood Fescue
Festuca pratensis Meadow Fescue
Festuca rubra Red Fescue
Festuca flavescens
Festuca ovina aggr.
Festuca spp. Other species undoubtedly present.
Lolium perenne Perennial Rye-grass
Lolium multiflorum Italian Rye-grass
Poa annua Annual Meadow-grass

<i>Poa trivialis</i>	Rough Meadow-grass	
<i>Poa pratensis</i>	Smooth Meadow-grass	
<i>Poa nemoralis</i>	Wood Meadow-grass	
<i>Poa bulbosa</i>	Bulbous Meadow-grass	
<i>Poa alpina</i>	Alpine Meadow-grass	
<i>Poa</i> spp.		Other species undoubtedly present.
<i>Dactylis glomerata</i>	Cock's-foot	
<i>Briza media</i>	Quaking-grass	
<i>Briza minor</i>	Lesser Quaking-grass	
<i>Sesleria caerulea</i>		
<i>Melica nutans</i>	Mountain Melick	
<i>Melica uniflora</i>	Wood Melick	
<i>Melica ciliata</i>	Ciliated Melick	
<i>Bromus sterilis</i>	Barren Brome	
<i>Bromus tectorum</i>	Drooping Brome	
<i>Bromus inermis</i>	Hungarian Brome	
<i>Bromus erectus</i>	Upright Brome	
<i>Bromus hordeaceus</i>	Soft Brome	
<i>Bromus squarrosus</i>		
<i>Brachypodium sylvaticum</i>	False Brome	
<i>Brachypodium rupestre</i>		
<i>Elymus repens</i>	Common Couch	
<i>Hordeum murinum</i>	Wall Barley	
<i>Helictotrichon versicolor</i>		
<i>Arrhenatherum elatius</i>	False Oat-grass	
<i>Trisetum flavescens</i>	Yellow Oat-grass	
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	
<i>Avenella flexuosa</i>	Wavy Hair-grass	
<i>Aira caryophyllea</i>	Silver Hair-grass	
<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass	
<i>Holcus lanatus</i>	Yorkshire Fog	
<i>Agrostis capillaris</i>	Common Bent	
<i>Agrostis schraderiana</i>		
<i>Phleum pratense</i>	Timothy	
<i>Phleum alpinum</i>	Alpine Cat-s-tail	
<i>Alopecurus pratensis</i>	Meadow Foxtail	
<i>Phalaris arundinacea</i>	Reed Canary-grass	
<i>Stipa pennata</i>	Feather-grass	
<i>Achnatherum calamagrostis</i>		
<i>Arundo donax</i>	Giant Reed	
<i>Phragmites australis</i>	Common Reed	
<i>Molinia caerulea</i>	Purple Moor-grass	
<i>Nardus stricta</i>	Mat Grass	
<i>Cynodon dactylon</i>	Bermuda Grass	
<i>Sorghum halepense</i>	Johnson-grass	
<i>Typhaceae</i>		
<i>Typha latifolia</i>	Bulrush	Staffarda
<i>Liliaceae</i>		
<i>Tofieldia calyculata</i>	Tofield's Asphodel	Local
<i>Veratrum album</i>	White False Helleborine	Widespread and locally common in flower
<i>Asphodelus albus</i>	White Asphodel	Locally common in seed
<i>Colchicum autumnale</i>	Meadow Saffron	In leaf. Very common in Val Varaita from August onwards.
<i>Colchicum alpinum</i>	Alpine Meadow Saffron	A few in early flower at Torrette
<i>Lilium martagon</i>	Martagon Lily	Several in good flower
<i>Lilium bulbiferum</i>	Orange Lily	2 at Bellino

<i>Ornithogalum umbellatum</i>	Star-of-Bethlehem	Only at one site
<i>Allium schoenoprasum</i>	Chives	Local
<i>Allium paniculatum</i>		Torrette
<i>Allium oleraceum</i>	Field Garlic	Near Fondovet
<i>Allium sphaerocephalon</i>	Round-headed Leek	Scattered
<i>Allium narcissiflorum</i>		In fine flower at one site
<i>Orchidaceae</i>		
<i>Epipactis atrorubens</i>	Dark Red Helleborine	A few records
<i>Listera ovata</i>	Common Twayblade	A few seen
<i>Gymnadenia conopsea</i>	Fragrant Orchid	Locally common
<i>Pseudorchis albida</i>	Small White Orchid	Local at higher altitudes
<i>Nigritella corneliana</i>		Local at higher altitudes. A few fine examples.
<i>Coeloglossum viride</i>	Frog Orchid	Local
<i>Dactylorhiza fuchsii</i>	Common Spotted Orchid	Scattered
<i>Anacamptis pyramidalis</i>	Pyramidal Orchid	Scattered records