

# Switzerland - Alpine Flowers of the Upper Engadine

Naturetrek Tour Report

30 June - 7 July 2013

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*Gentiana verna*



Piz Morteratsch



*Primula integrifolia*



*Pusanilla alpina apiifolia*

Report & Images compiled by David Tattersfield



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## Day 1

Sunday 30th June

The group met in arrivals at Zurich Airport, after flights from Heathrow and Manchester. We transferred to the intercity express at Zurich main station and settled down to a comfortable journey through the Swiss countryside. We changed trains again at Chur for the most exciting part of the journey through the Alps, with ever-changing views of the mountains and tantalising glimpses of its diverse flora. It had been cloudy throughout the day but the sun shone as we approached Samedan. After a short ride to Pontresina, we were met by the hotel minibus and were soon tucking into the first of the delicious evening meals that were served during the week.

## Day 2

Monday 1st July

A chilly morning and clear skies greeted us and after breakfast we took the bus to the Muottas Muragl funicular railway. A short ride took us up through the forest and beyond the tree-line to the top station at 2453m, where we marvelled at the extensive views of the region. Like most of Europe this year, the season was late and there was far more snow than usual. The flowers reflected this and there were large drifts of yellow *Gagea fistulosa*, groups of Spring Crocus *Crocus vernus albiflorus*, where the snow had not long melted and lots of white *Ranunculus kuepferi* in the turf. The deep purple flowers of Broad-leaved Primrose *Primula latifolia* were found under large granite boulders.

We made slow progress along the trail identifying new plants as we went. Snow Finch and Water Pipit flew overhead and the shrill cries of Alpine Marmot could be heard from the pastures below. We had lunch when we reached the stream, where Beakless Red Lousewort *Pedicularis recutita* grew in wet boggy turf, before continuing on a well-constructed horizontal path across the boulder-strewn hillside. Here, among Creeping Azalea *Loisleuria procumbens* and dwarf Willows we found our first Dwarf Snowbells *Soldanella pusilla* and Primroses, *Primula integrifolia*, *Primula hirsuta* and *Primula latifolia*, growing in close proximity. After a little searching we found the hybrid between the latter two, namely *Primula x berninae*.

The trail continued high above Pontresina, passing through wet meadows and forest, where the many botanical highlights included Early Purple orchid *Orchis mascula*, Southern Butterwort *Pinguicula leptoceras* and the deep-blue Southern Lungwort *Pulmonaria australis*. Stunning views of the glacier-clad Piz Palu opened up to the south and with almost too many new plants to distract us, we gave up any hope of taking the easy way down on the chairlift. We descended steeply through the forest, where Nutcrackers called noisily from the treetops and emerged in the valley bottom, not far from the hotel. It had been a long and tiring day but a superb introduction to the flora and scenery of the region.

## Day 3

## Tuesday 2nd July

We took advantage of another sunny morning and boarded the train to the Diavolezza cable car. The ascent took us swiftly to 2940m and the viewpoint on the ridge leading to Munt Pers. An awe-inspiring spectacle greeted us. Below us, the sinuous line of the Pers Glacier, streaked by moraines and crevasses, flowed from the glistening white icefields below Piz Palu, Piz Bernina and Piz Morteratsch. Mountains of winter snow still remained but not far from the restaurant, Glacier Crowfoot *Ranunculus glacialis* was in spectacular flower among the rocks, along with more *Primula latifolia*.

After a couple of hours soaking in the scenery, we returned on the mid-day cable car and crossed the road to the lower part of Val da Fain, where the limestone of Piz Alv has led to a wide range of very special habitats. A series of springs and wet flushes contained a fascinating range of plants, including the rare Marsh Orchid *Dactylorhiza cruenta*, Marsh Lousewort *Pedicularis palustris*, the easily overlooked Marsh Arrowgrass *Triglochin palustris* and Variegated Horsetail *Equisetum variegatum*. In the jumble of boulders below the cliffs we were able to compare the huge pleated leaves of Great Yellow Gentian *Gentiana lutea* and White False Helleborine *Veratrum album*. Alpine Clematis *Clematis alpina* and Alpine Columbine *Aquilegia alpina* were in flower around the shrub-clad boulders that dotted the hillside.

We enjoyed lunch in this botanical paradise, followed by further exploration which revealed stunning plants of Spring Pasque Flower *Pulsatilla vernalis*, one of the first plants to flower after the snow melts. Some of the group elected to return to the train slowly while the rest of us pressed on to the limestone scree that run down from the mountain summit. They contained an interesting mixture of dwarf shrubs, including *Dryas octopetala*, dwarf Willows, Alpine Bearberry *Arctostaphylos alpinus* and cushions of Blue Saxifrage *Saxifraga caesia*. After careful searching we eventually located the tiny emerging leaves of Dwarf Orchid *Chamorchis alpina*. We returned down the farm track to the railway at Bernina Suot and caught the 5.25 train back to Suorovas.

## Day 4

## Wednesday 3rd July

A cloudy morning indicated that a low-level walk would be ideal, so we took the short train ride to Morteratsch and set off along the 4 km walk to the dwindling glacier. The trail is clearly marked to show where the glacier front was at various times during the last hundred years and as a consequence the development of vegetation from bare moraine to mature forest can be interpreted. The riverside gravels and moraines are covered by a diverse flora, with the brick-red flowers of *Sempervivum arachnoideum* and the deep blue bells of Fairy Thimbles *Campanula cochlearifolia* providing splashes of intense colour.

The Carniolic Ragwort, *Senecio incanus carniolicus* was flowering next to the track and near the many streams were eye-catching clumps of White-leaved Adenostyles *Adenostyles leucophylla* and a bewildering variety of Willows. The glacier, now a shadow of its former self and is reduced to a static slope of dirty ice but, close-up, the ice cliffs at its snout and the torrents of melt-water make an impressive sight.

On returning to the station we had our lunch before taking the train to Ospizio Bernina at the top of the pass. It remained cloudy but dry during the afternoon as we followed the shore of Lago Bianco. Highlights included Alpine Pasque Flower *Pulsatilla alpina apiiifolia*, Hairy Primrose *Primula hirsuta* and patches of the attractive yellow Rhaetic Poppy *Papaver aurantiacum*. We enjoyed refreshments in the delightful cafe overlooking the Poschiavo valley, before descending to Alp Grum station to catch the 6.11 train.

## Day 5

## Thursday 4th July

The weather had improved with a mixture of sun and cloud. We took the train to Bernina Lagalb for our walk through Val Minor. The first part of valley has a rich limestone flora and there were colourful displays of Rockroses and Alpine Gypsophila *Gypsophila repens*. Vanilla Orchids *Nigritella rhellicani* and *N. rubra* grew in the turf with striped Daphne *Daphne striata* and Alpine Aster. The very local Dragon's Mouth *Horminum pyrenaicum* was common in just one gully but many of its flowers had been damaged by recent frosts. Further on our progress was slowed by huge drifts of snow and the remnants of the winter's avalanches. Once past those, we were walking on sodden turf covered with myriads of *Soldanella pusilla*, an incredible sight that we enjoyed over lunch. A family group of Ibex could be seen on the crags above. We continued past the mirror-like Lej Minor with carpets of Entire-leaved Primrose *Primula integrifolia* all around us and gradually climbed to the top of the pass. The path crossed a band of sugar limestone which supported a very different flora with yellow *Draba aizoides*, purple *Saxifraga oppositifolia* and tight silvery hummocks of Blue Saxifrage *Saxifraga caesia*. As we rounded the corner the glaciers of Piz Cambrena came into view and from here it was a gentle descent to Ospizio Bernina. We caught the 5.12 train and were back at hotel around 6 o'clock.

## Day 6

## Friday 5th July

The last two days excursions took us into the Inn Valley, where we enjoyed two largely sunny days. This morning we travelled by bus through St Moritz and Silvaplana, past the placid lakes, to Surlej, where we joined the Corvatsch cable car for the exciting ride to the top station at 3300m. Not surprisingly, up here the temperature was just a little above zero, but the views were stunning with only patchy cloud obscuring some of the summits. Returning to the middle station at Murtel, we found the track to Fuorcla Surlej was largely obliterated by snow and we had a long plod to reach the final climb to the col. Our efforts were well rewarded by finding bright blue cushions of King of the Alps *Eritrichium nanum*, tucked into narrow ledges on the vertical cliffs. During lunch, the panorama of glaciers and peaks of the Bernina group to the south was breathtaking, with many textbook examples of glacial features.

The long descent into Val Roseg was a delightful botanical transect from alpine rocks and pasture to forest, with a constantly changing flora. By the time we reached Hotel Roseg, most of the party were relieved to take the option of a horse and cart back to Pontresina. The rest of us walked down the gentle trails through the forest, which is, in places, carpeted with Twinflower *Linnaea borealis*, and arrived back at our hotel at 7.40pm.

## Day 7

Saturday 6th July

We travelled by bus to St. Moritz, boarded the two-stage funicular railway to Corviglia and finally the cable-car to Piz Nair. The high summits remained mostly cloud-covered but the views in all directions were stunning. After coffee we climbed the short distance to the summit where the rocky ground was speckled with cushions of White Musky Saxifrage *Saxifraga moschata*, blue *Eritrichium nanum* and pink *Ranunculus glacialis*. Another similar rocky knoll was investigated a little way down the mountain where additional species included purple Alpine Toadflax *Linaria alpina*, yellow *Potentilla frigida* and pink *Androsace alpina*. The combined effect of these colourful exquisite gems and the lichen-encrusted rock was delightful.

We returned by cable-car to Corviglia and after a relaxing lunch, continued down the mountain on foot. The path went through a fascinating area of sugar limestone with many deep swallow holes creating an almost lunar landscape. An astonishing diversity of flowers included Edelweiss and many Short-spurred Fragrant Orchids *Gymnadenia odoratissima*. The path continued through wet meadows with abundant Marsh Orchids, mostly *Dactylorhiza majalis* before a final forest section down to Chantarella. Back in St Moritz, we finished the day in style with refreshments before boarding the bus. It had been a day of amazing contrasts, with some of the best flora that the region has to offer and the perfect way to end our week in the Upper Engadine.

## Day 8

Sunday 7th July

After breakfast and packing, we had time for one last short excursion near the hotel, before our minibus ride to the station and the scenic journey back to Zurich

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## Species List

### Plants

Scientific Name	Common Name	Notes
<b>PTERIDOPHYTA</b>	<b>FERNS AND FERN ALLIES</b>	
<b>Selaginellaceae</b>	<b>Lesser Clubmoss Family</b>	
<i>Selaginella selaginoides</i>	Lesser Clubmoss	Frequent in turf
<b>Lycopodiaceae</b>	<b>Clubmoss Family</b>	
<i>Diphasiastrum alpinum</i>	Alpine Clubmoss	Occasional. Mountain turf
<i>Huperzia selago</i>	Fir Clubmoss	Frequent. Acidic pasture
<i>Lycopodium annotinum</i>	Interrupted Clubmoss	Rare. Mountain turf
<i>Lycopodium clavatum</i>	Staghorn Clubmoss	Mountain turf
<b>Aspidiaceae</b>	<b>Dryopteris Family</b>	
<i>Dryopteris carthusiana</i>	Narrow Buckler-fern	Damp scrub
<i>Dryopteris dilatata</i>	Broad Buckler-fern	Frequent
<i>Dryopteris filix-mas</i>	Male Fern	Widespread
<i>Gymnocarpium dryopteris</i>	Oak Fern	Woods. Local
<i>Gymnocarpium robertianum</i>	Limestone Fern	Calcareous scree
<i>Polystichum lonchitis</i>	Holly Fern	Mountain rocks
<b>Aspleniaceae</b>	<b>Spleenwort Family</b>	
<i>Asplenium ruta-muraria</i>	Wall Rue	Walls
<i>Asplenium septentrionale</i>	Forked Spleenwort	Rare on rocks
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	Walls and cliffs
<i>Asplenium viride</i>	Green Spleenwort	Damp mountain rocks
<b>Athyriaceae</b>	<b>Athyrium Family</b>	
<i>Athyrium distentifolium</i>	Alpine Lady Fern	Mountain rocks
<i>Athyrium filix-femina</i>	Lady Fern	Occasional
<i>Cystopteris fragilis</i>	Brittle Bladder fern	Frequent on rocks
<i>Woodsia alpina</i>	Alpine Woodsia	Rare on cliffs
<b>Cryptogrammaceae</b>	<b>Parsley Fern Family</b>	
<i>Cryptogramma crispa</i>	Parsley Fern	Acidic rocks and screes
<b>Dennstaedtiaceae</b>	<b>Bracken Family</b>	
<i>Pteridium aquilinum</i>	Bracken	Valley woodland
<b>Equisetaceae</b>	<b>Horsetail Family</b>	
<i>Equisetum arvense</i>	Field Horsetail	Meadows and tracksides
<i>Equisetum hyemale</i>	Rough Horsetail	Limestone turf. Val da Fain
<i>Equisetum palustre</i>	Marsh Horsetail	Wet pasture
<i>Equisetum sylvaticum</i>	Wood Horsetail	Woods and wet pasture
<i>Equisetum variegatum</i>	Variiegated Horsetail	Wet flushes
<b>Ophioglossaceae</b>	<b>Adder's Tongue Family</b>	
<i>Botrychium lunaria</i>	Moonwort	Common in short turf
<b>Polypodiaceae</b>	<b>Polypody Family</b>	
<i>Polypodium vulgare</i>	Common Polypody	Occasional on rocks

Scientific Name	Common Name	Notes
<b>Thelypteridaceae</b> <i>Phegopteris connectilis</i>	<b>Thelypteris Family</b> Beech Fern	Woods. Occasional
<b>GYMNOSPERMAE</b>	<b>CONIFERS</b>	
<b>Cupressaceae</b> <i>Juniperus communis</i> subsp. <i>nana</i>	<b>Cypress Family</b> Common Juniper	Common
<b>Pinaceae</b> <i>Larix decidua</i> <i>Picea abies</i> <i>Pinus cembra</i> <i>Pinus mugo</i> <i>Pinus sylvestris</i>	<b>Pine Family</b> Larch Norway Spruce Arolla Pine Dwarf Mountain Pine Scots Pine	Occasional Occasional in lower valleys Forests Forests at the treeline Occasional in lower valleys
<b>ANGIOSPERMAE</b>	<b>FLOWERING PLANTS</b> <b>DICOTYLEDONS</b>	
<b>Apiaceae</b> <i>Aegopodium podagraria</i> <i>Astrantia minor</i> <i>Bupleurum stellatum</i> <i>Chaerophyllum hirsutum</i> <i>Chaerophyllum villarsii</i> <i>Heracleum sphondylium</i> <i>Laserpitium gaudinii</i> <i>Laserpitium halleri</i> <i>Laserpitium latifolium</i> <i>Ligusticum mutellina</i> <i>Ligusticum mutellinoides</i> <i>Peucedanum ostruthium</i> <i>Pimpinella major</i> <i>Pimpinella saxifraga</i>	<b>Carrot Family</b> Ground Elder Lesser Masterwort A Hare's-ear Hairy Chervil A Chervil Hogweed Gaudin's Sermountain Haller's Sermountain Broad-leaved Sermountain Alpine Lovage Unbranched Lovage Masterwort Greater Burnet Saxifrage Burnet Saxifrage	Waste places Common Above Pontresina Woods Woods Common Rocky places Rocky places Common Mountain pasture High mountain pasture Common Meadows Meadows
<b>Araliaceae</b> <i>Hedera helix</i>	<b>Ivy Family</b> Ivy	Occasional
<b>Asteraceae</b> <i>Adenostyles alliariae</i> <i>Adenostyles leucophylla</i> <i>Achillea atrata</i> <i>Achillea erba-rotta</i> subsp. <i>moschata</i> <i>Achillea millefolium</i> <i>Achillea nana</i> <i>Antennaria carpatica</i> <i>Antennaria dioica</i> <i>Arnica montana</i> <i>Artemisia genipi</i> <i>Artemisia umbelliformis</i> <i>Aster alpinus</i> <i>Aster bellidiastrum</i> <i>Bellis perennis</i> <i>Carduus defloratus</i>	<b>Daisy Family</b> Adenostyles Whie-leaved Adenostyles Dark-stemmed Sneezewort Musk Milfoil Yarrow Dwarf Milfoil Carpathian Catsfoot Catsfoot Arnica Black Genipi Yellow Genipi Alpine Aster False Aster Daisy Alpine Thistle	Val Roseg River gravels. Morteratsch Rocky places on limestone Rocky places on acidic soils Frequent Screes Mountain turf Common Common Screes Screes and cliffs Limestone rocks and turf Frequent Frequent Common

Scientific Name	Common Name	Notes
<i>Cicerbita alpina</i>	Alpine Sowthistle	Woods and forests
<i>Cirsium acaule</i>	A Stemless thistle	Occasional in pasture
<i>Cirsium helenioides</i>	Melancholy Thistle	Meadows
<i>Cirsium spinosissimum</i>	Spiniest Thistle	Mountain turf
<i>Centaurea scabiosa</i>	Greater Knapweed	Meadows
<i>Crepis aurea</i>	Golden Hawksbeard	Common
<i>Crepis bocconeii</i>	Boccone's Hawksbeard	Damp pasture
<i>Crepis paludosa</i>	Marsh Hawksbeard	Wet meadows
<i>Doronicum clusii</i>	Clusius' Leopardsbane	Scree
<i>Erigeron acer</i> subsp. <i>politus</i>	Blue Fleabane	Moraines
<i>Erigeron alpinus</i>	Alpine Fleabane	Local
<i>Erigeron neglectus</i>	Neglected Fleabane	Local
<i>Erigeron uniflorus</i>	One-flowered Fleabane	Local
<i>Eupatorium cannabinum</i>	Hemp Agrimony	Lowland
<i>Gnaphthodium norvegicum</i>	Norwegian Cudweed	Occasional in mountain pasture
<i>Gnaphthodium supinum</i>	Dwarf Cudweed	Snow beds
<i>Hieracium alpinum</i>	Alpine Hawkweed	Frequent
<i>Hieracium angustifolium</i>	Glacier Hawkweed	Morteratsch
<i>Hieracium aurantiacum</i>	Orange Hawkweed	Pontresina
<i>Hieracium hoppeanum</i>		Stony places
<i>Hieracium intybaceum</i>		Stony places
<i>Hieracium lactucella</i>		Common
<i>Hieracium murorum</i>		Occasional
<i>Hieracium piliferum</i>		Stony places
<i>Hieracium pilosella</i>	Mouse-ear Hawkweed	Common
<i>Hieracium prenanthoides</i>		Stony places
<i>Hieracium staticifolium</i>		Morteratsch
<i>Hieracium villosum</i>	Hairy Hawkweed	Stony pasture
<i>Homogyne alpina</i>	Alpine Coltsfoot	Common
<i>Hypochoeris uniflora</i>	Giant Catsear	Above Pontresina
<i>Lapsana communis</i>	Nipplewort	Waste places
<i>Leontodon autumnalis</i>		Stony pasture
<i>Leontodon helveticus</i>	Swiss Hawkbit	Mountain turf
<i>Leontodon hispidus</i>	Alpine Hawkbit	Acidic pasture
<i>Leontopodium alpinum</i>	Edelweiss	Limestone turf
<i>Leucanthemopsis alpina</i>	Alpine Moon Daisy	Common. Mountain rocks
<i>Leucanthemum atratum</i> agg.	Saw-leaved Moon Daisy	Mountain turf
<i>Leucanthemum vulgare</i>	Ox-eye Daisy	Meadows
<i>Matricaria discoidea</i>	Pineappleweed	Ruderal
<i>Mycelis muralis</i>	Wall Lettuce	Walls
<i>Petasites albus</i>	White Butterbur	Damp meadows
<i>Petasites paradoxus</i>	Alpine Butterbur	Mountain pasture
<i>Prenanthes purpurea</i>	Purple Lettuce	Forests
<i>Saussurea alpina</i>	Alpine Saw-wort	Mountain turf
<i>Saussurea discolor</i>	Heart-leaved Saw-wort	Mountain turf
<i>Senecio abrotanifolius</i>	Pinnate-leaved Ragwort	Occasional. Local
<i>Senecio doronicum</i>	Chamois Ragwort	Locally common
<i>Senecio incanus</i> subsp. <i>carniolicus</i>	Carniolic Ragwort	Locally common
<i>Senecio ovatus</i>	Wood Ragwort	Forests
<i>Senecio rupestris</i>	Rock Groundsel	Rocky places
<i>Senecio vulgaris</i>	Groundsel	Ruderal
<i>Solidago virgaurea</i>	Goldenrod	Mountain rocks
<i>Stemmacantha rhapontica</i>	Giant Stemmacantha	Occasional in meadows



Scientific Name	Common Name	Notes
<i>Taraxacum alpinum</i>	Alpine Dandelion	Mountain rocks
<i>Taraxacum officinale</i>	Dandelion	Widespread
<i>Tragopogon pratensis</i>	Goatsbeard	Meadows
<i>Tussilago farfara</i>	Coltsfoot	Common. Damp rocky places
<b>Betulaceae</b>	<b>Birch Family</b>	
<i>Alnus glutinosa</i>	Common Alder	Valleys by rivers
<i>Alnus viridis</i>	Green Alder	Mountain scrub
<i>Betula pendula</i>	Silver Birch	Widespread
<i>Betula pubescens</i>	Downy Birch	Frequent
<b>Boraginaceae</b>	<b>Borage Family</b>	
<i>Anchusa officinalis</i>	Alkanet	Garden escape
<i>Echium vulgare</i>	Viper's Bugloss	Waste places
<i>Eritrichium nanum</i>	King of the Alps	Acidic mountain rocks
<i>Myosotis alpestris</i>	Alpine Wood forget-me-not	Common
<i>Myosotis sylvatica</i>	Wood forget-me-not	Woods
<i>Pulmonaria australis</i>	Southern Lungwort	Above Pontresina
<b>Brassicaceae</b>	<b>Cress Family</b>	
<i>Arabis alpina</i> subsp. <i>alpina</i>	Alpine Rockcress	Mountain rocks
<i>Arabis bellidifolia</i>	Daisy-leaved Rockcress	Mountain rocks
<i>Arabis caerulea</i>	Blue Rockcress	Scree and moraines
<i>Arabis ciliata</i>	Corymbose Rockcress	Rocky places
<i>Arabis subcoriacea</i>	Jacquin's Rockcress	Rocky places
<i>Barbarea vulgaris</i>	Wintercress	Pontresina
<i>Biscutella laevigata</i>	Buckler Mustard	Rocky places
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	Widespread
<i>Cardamine alpina</i>	Alpine Bittercress	Acidic rocks and scree
<i>Cardamine amara</i>	Large Bittercress	Streamsides
<i>Cardamine resedifolia</i>	Mignonette-leaved Bittercress	Mountain rocks
<i>Cardaminopsis halleri</i>		Rocky pasture
<i>Draba aizoides</i>	Yellow Whitlow-grass	Rocky places on limestone
<i>Draba dubia</i>	Austrian Whitlow-grass	Acidic rocks. Corvatsch
<i>Draba fladnizensis</i>	Bald White Whitlow-grass	Rocky places
<i>Draba tomentosa</i>		Limestone rocks
<i>Kernera saxatilis</i>	Rock Kerneria	Rocks
<i>Pritzelago alpina</i>	Chamois Cress	Mountain rocks
<i>Thlaspi perfoliatum</i>	Perfoliate Pennycress	Near habitation
<b>Campanulaceae</b>	<b>Bellflower Family</b>	
<i>Campanula barbata</i>	Bearded Bellflower	Mountain turf
<i>Campanula cochlearifolia</i>	Fairy's Thimble	Mountain rocks
<i>Campanula glomerata</i>	Clustered Bellflower	Occasional. Meadows
<i>Campanula rapunculoides</i>	Creeping Bellflower	Woods. Celerina
<i>Campanula rotundifolia</i>	Harebell	Common
<i>Campanula scheuchzeri</i>	Scheuchzer's Bellflower	Mountain turf
<i>Campanula trachelium</i>	Nettle-leaved Bellflower	Woods
<i>Phyteuma betonicifolium</i>	Betony-leaved Rampion	Common
<i>Phyteuma globulariifolium</i>	Globularia-leaved Rampion	Alpine rocks
<i>Phyteuma hedraianthifolium</i>	Rhaetian Rampion	Rocks. Lago Bianco
<i>Phyteuma hemisphaericum</i>	Globe-headed Rampion	Acidic rocks
<i>Phyteuma orbiculare</i>	Round-headed Rampion	Meadows. Frequent

Scientific Name	Common Name	Notes
<i>Phyteuma ovatum</i>	Dark Rampion	Rocky places. Morteratsch
<i>Phyteuma scheuchzeri</i>	Scheuchzer's Rampion	Occasional
<b>Caprifoliaceae</b>	<b>Honeysuckle Family</b>	
<i>Linnaea borealis</i>	Twinflower	Locally common in forests
<i>Lonicera alpigena</i>	Alpine Honeysuckle	Forests
<i>Lonicera caerulea</i>	Blue-berried Honeysuckle	Rocky places
<i>Lonicera nigra</i>	Black-berried Honeysuckle	Woods
<i>Lonicera xylostemum</i>	Fly Honeysuckle	Woods
<i>Sambucus nigra</i>	Common Elder	Woods
<i>Sambucus racemosa</i>	Alpine Elder	Frequent
<b>Caryophyllaceae</b>	<b>Pink Family</b>	
<i>Arenaria biflora</i>	Two-flowered Sandwort	Screes
<i>Arenaria ciliata</i>	Ciliate-leaved Sandwort	Screes
<i>Cerastium alpinum</i>	Alpine Mouse-ear	Mountain turf
<i>Cerastium arvense</i>	Field Mouse-ear	Frequent
<i>Cerastium cerastoides</i>	Starwort Mouse-ear	Rocks and pasture
<i>Cerastium fontanum</i>	Common Mouse-ear	Common
<i>Cerastium latifolium</i>	Broad-leaved Mouse-ear	Moraines and screes
<i>Cerastium pedunculatum</i>	Pedunculate Mouse-ear	Acidic screes
<i>Cerastium uniflorum</i>	One-flowered Mouse-ear	Acidic screes
<i>Dianthus superbus</i>	Superb Pink	Damp turf
<i>Dianthus sylvestris</i>	Wood Pink	Rocky places
<i>Gypsophila repens</i>	Alpine Gypsophila	Frequent
<i>Herniaria glabra</i>	Smooth Rupturewort	Railway ballast
<i>Lychnis flos-cuculi</i>	Ragged Robin	Wet meadows. Celerina
<i>Minuartia sedoides</i>	Mossy Cyphel	Alpine rocks and turf
<i>Minuartia recurva</i>	Sickle-leaved Sandwort	Stony places
<i>Minuartia rupestris</i>	Rock Sandwort	Rocks and screes
<i>Minuartia verna</i>	Vernal Sandwort	Stony places
<i>Moehringia ciliata</i>	Creeping Sandwort	Screes
<i>Sagina procumbens</i>	Procumbent Pearlwort	Common
<i>Sagina saginoides</i>	Alpine Pearlwort	Alpine turf and screes
<i>Saponaria ocymoides</i>	Rock Soapwort	Chantarella
<i>Scleranthus annuus</i>	Annual Knawel	Occasional
<i>Silene acaulis</i>	Moss Campion	Mountain turf
<i>Silene dioica</i>	Red Campion	Meadows
<i>Silene exscapa</i>	Stemless Moss Campion	Mountain turf
<i>Silene nutans</i>	Nottingham Catchfly	Rocks and cliffs
<i>Silene rupestris</i>	Rock Campion	Rocks
<i>Silene vulgaris</i>	Bladder Campion	Meadows
<i>Stellaria holostea</i>	Greater Stitchwort	Occasional
<i>Stellaria graminea</i>	Lesser Stitchwort	Woods and meadows
<i>Stellaria media</i>	Common Chickweed	Occasional
<i>Stellaria nemorum</i>	Wood Stitchwort	Woods
<b>Chenopodiaceae</b>	<b>Goosefoot Family</b>	
<i>Blitum virgatum</i>		Occasional. Pontresina
<i>Chenopodium album</i>	Fat Hen	Occasional weed
<i>Chenopodium bonus-henricus</i>	Good King Henry	Frequent weed

Scientific Name	Common Name	Notes
<b>Cistaceae</b>		
<i>Helianthemum nummularium</i> subsp. <i>grandiflorum</i>	Large-flowered Rockrose	Rocky places
<i>Helianthemum oelandicum</i> subsp. <i>alpestre</i>	Alpine Rockrose	Calcareous turf
<b>Crassulaceae</b>		
<i>Sedum acre</i>	Biting Stonecrop	Frequent
<i>Sedum album</i>	White Stonecrop	Stony places
<i>Sedum alpestre</i>	Alpine Stonecrop	Mountain rocks
<i>Sedum annuum</i>	Annual Stonecrop	Moraines. Morteratsch
<i>Sedum atratum</i>	Dark Stonecrop	Mountain rocks
<i>Sedum dasyphyllum</i>	Thick-leaved Stonecrop	Walls and rocks
<i>Sedum hispanicum</i>		Riverside. Hotel Palu
<i>Sedum villosum</i>	Pink Stonecrop	Acidic flushes. Rare. Val Roseg
<i>Sempervivum arachnoideum</i>	Cobweb Houseleek	Common. Stony places
<i>Sempervivum montanum</i>	Mountain Houseleek	Common. Stony places
<i>Sempervivum tectorum</i>	Common Houseleek	Occasional. Rocky turf
<i>Sempervivum wulfenii</i>	Wulfen's Houseleek	Occasional. Rocky turf
<b>Dipsacaceae</b>		
<i>Knautia dipsacifolia</i>	Wood Scabious	Shady places
<i>Scabiosa columbaria</i>	Small Scabious	Occasional
<i>Scabiosa lucida</i>	Shining Scabious	Meadows
<b>Ericaceae</b>		
<i>Arctostaphylos alpina</i>	Alpine Bearberry	Limestone turf and screes
<i>Arctostaphylos uva-ursi</i>	Bearberry	Rocky pasture
<i>Calluna vulgaris</i>	Ling	Frequent
<i>Empetrum nigrum</i> subsp. <i>hermaphroditum</i>	Crowberry	Acidic heaths
<i>Erica herbacea</i> (= <i>carnea</i> )	Spring Heath	Limestone rocks
<i>Loiseleuria procumbens</i>	Creeping Azalea	Acidic heaths
<i>Rhododendron ferrugineum</i>	Alpenrose	Common
<i>Rhododendron hirsutum</i>	Hairy Alpenrose	Limestone rocks
<i>Vaccinium myrtillus</i>	Bilberry	Common
<i>Vaccinium uliginosum</i>	Bog Whortleberry	Common
<i>Vaccinium vitis-idaea</i>	Cowberry	Common
<b>Euphorbiaceae</b>		
<i>Euphorbia cyparissias</i>	Cypress Spurge	Frequent on limestone
<b>Fabaceae</b>		
<i>Anthyllis vulneraria</i> subsp. <i>alpestris</i>	Alpine Kidney Vetch	Mountain pasture
<i>Astragalus alpinus</i>	Alpine Milk-vetch	Mountain turf
<i>Astragalus australis</i>	Southern Milk-vetch	Mountain turf
<i>Astragalus frigidus</i>	Pallid Milk-vetch	Limestone pasture
<i>Astragalus glycyphyllos</i>	Wild Liquorice	Local
<i>Astragalus penduliflorus</i>	Pendulous Milk-vetch	Pasture and stony places. Local
<i>Hedysarum hedysaroides</i>	Alpine Sainfoin	Mountain pasture
<i>Hippocrepis comosa</i>	Horseshoe Vetch	Common on limestone
<i>Lathyrus pratensis</i>	Meadow Vetchling	Meadows
<i>Lotus alpinus</i>	Alpine Birdsfoot Trefoil	Mountain turf
<i>Lotus corniculatus</i>	Birdsfoot Trefoil	Meadows
<i>Medicago lupulina</i>	Black Medick	Common
<b>Rock-rose Family</b>		
<b>Stonecrop Family</b>		
<b>Teasel Family</b>		
<b>Heath Family</b>		
<b>Spurge Family</b>		
<b>Pea Family</b>		

Scientific Name	Common Name	Notes
<i>Melilotus albus</i>	White Melilot	Waste places
<i>Melilotus officinalis</i>	Common Melilot	Waste places
<i>Onobrychis arenaria</i>	Small Sainfoin	Occasional
<i>Onobrychis montana</i>	Mountain Sainfoin	Mountain pasture
<i>Onobrychis viciifolia</i>	Sainfoin	Occasional
<i>Oxytropis campestris</i>	Yellow Milk-vetch	Common in pasture
<i>Oxytropis jacquinii</i>	Mountain Milk-vetch	Stony places on limestone
<i>Oxytropis lapponica</i>	Northern Milk-vetch	Stony places
<i>Trifolium alpinum</i>	Alpine Clover	Common
<i>Trifolium badium</i>	Brown Clover	Mountain meadows
<i>Trifolium montanum</i>	Mountain Clover	Frequent
<i>Trifolium pallescens</i>	Pale Clover	Pasture and rocky places
<i>Trifolium pratense</i>	Red Clover	Meadows
<i>Trifolium repens</i>	White Clover	Common
<i>Trifolium thalii</i>	Thal's Clover	Mountain turf
<i>Vicia cracca</i>	Tufted Vetch	Frequent
<i>Vicia sepium</i>	Bush Vetch	Occasional
<b>Gentianaceae</b>	<b>Gentian Family</b>	
<i>Gentiana acaulis</i>	Trumpet Gentian	Mountain pasture
<i>Gentiana bavarica</i>	Bavarian Gentian	Marshes
<i>Gentiana brachyphylla</i>	Short-leaved Gentian	Alpine turf
<i>Gentiana campetris</i>	Field Gentian	Pasture
<i>Gentiana clusii</i>	Clusius's Gentian	Limestone turf
<i>Gentiana lutea</i>	Great Yellow Gentian	Limestone pasture
<i>Gentiana nivalis</i>	Snow Gentian	Mountain turf
<i>Gentiana orbicularis</i>	Orbiculate-leaved Gentian	Occasional
<i>Gentiana punctata</i>	Spotted Gentian	Mountain pasture
<i>Gentiana ramosa</i>	Branched Gentian	Pasture
<i>Gentiana tenella</i>	Slender Gentian	Local
<i>Gentiana verna</i>	Spring Gentian	Common
<b>Geraniaceae</b>	<b>Geranium Family</b>	
<i>Geranium pyrenaicum</i>	Pyrenean Cranesbill	Common
<i>Geranium robertianum</i>	Herb Robert	Common
<i>Geranium sylvaticum</i>	Wood Cranesbill	Common
<b>Globulariaceae</b>	<b>Globularia Family</b>	
<i>Globularia cordifolia</i>	Matted Globularia	Frequent on limestone
<i>Globularia nudicaulis</i>	Leafless-stemmed Globularia	Frequent on limestone
<b>Hypericaceae</b>	<b>St. John's Wort Family</b>	
<i>Hypericum maculatum</i>	Imperforate St. John's Wort	Frequent
<b>Juncaginaceae</b>	<b>Arrowgrass Family</b>	
<i>Triglochin palustris</i>	Marsh Arrowgrass	Wet flushes
<b>Lamiaceae</b>	<b>Mint Family</b>	
<i>Acinos alpinus</i>	Alpine Calamint	Rocky turf on limestone
<i>Ajuga pyramidalis</i>	Pyramidal Bugle	Locally common
<i>Ajuga reptans</i>	Common Bugle	Common
<i>Clinopodium vulgare</i>	Wild Basil	Frequent
<i>Dracocephalum ruyschiana</i>	Northern Dragonhead	Open forest. Rare

Scientific Name	Common Name	Notes
<i>Galeopsis tetrahit</i>	Common Hemp Nettle	Occasional
<i>Horminum pyrenaicum</i>	Dragon's Mouth	Val Minor
<i>Lamium album</i>	White Deadnettle	Frequent
<i>Lamium amplexicaule</i>	Hen Bit Deadnettle	Waste places
<i>Lamium purpureum</i>	Purple Deadnettle	Waste places
<i>Prunella grandiflora</i>	Large-flowered Self-heal	Meadows
<i>Prunella vulgaris</i>	Self-heal	Common
<i>Salvia pratensis</i>	Meadow Clary	Roadside banks. Pontresina
<i>Teucrium montanum</i>	Mountain Germander	Limestone rocks. Chantarella
<i>Thymus polytrichus</i>	Hairy Thyme	Common
<b>Lentibulariaceae</b>	<b>Butterwort Family</b>	
<i>Pinguicula alpina</i>	Alpine Butterwort	Mountain turf and rocks
<i>Pinguicula leptoceras</i>	Southern Butterwort	Wet flushes
<i>Pinguicula vulgaris</i>	Common Butterwort	Wet flushes
<b>Linaceae</b>	<b>Flax Family</b>	
<i>Linum catharticum</i>	Purging Flax	Common
<b>Onagraceae</b>	<b>Willowherb Family</b>	
<i>Chamaenerion angustifolium</i>	Rosebay Willowherb	Occasional
<i>Epilobium alpestre</i>	Whorled-leaved Willowherb	Frequent
<i>Epilobium alsinifolium</i>	Chickweed Willowherb	Frequent
<i>Epilobium anagallidifolium</i>	Alpine Willowherb	Frequent
<i>Epilobium fleischeri</i>	Fleischer's Willowherb	River gravels and moraines
<i>Epilobium montanum</i>	Mountain Willowherb	Occasional
<b>Oxalidaceae</b>	<b>Wood Sorrel Family</b>	
<i>Oxalis acetosella</i>	Wood Sorrel	Shaded rocks
<b>Papaveraceae</b>	<b>Poppy Family</b>	
<i>Papaver aurantiacum</i>	Rhaetic Poppy	Scree. Local
<i>Papaver croceum</i>	Islandic Poppy	River gravels.
<b>Parnassiaceae</b>	<b>Grass of Parnassus Family</b>	
<i>Parnassia palustris</i>	Grass of Parnassus	Damp flushes
<b>Plantaginaceae</b>	<b>Plantain Family</b>	
<i>Plantago alpina</i>	Alpine Plantain	Mountain turf
<i>Plantago atrata</i>	Dark Plantain	Mountain turf
<i>Plantago lanceolata</i>	Ribwort Plantain	Occasional
<i>Plantago major</i>	Greater Plantain	Occasional
<i>Plantago media</i>	Hoary Plantain	Occasional
<i>Plantago serpentina</i>	Fleshy Plantain	Frequent
<b>Polemoniaceae</b>	<b>Jacob's Ladder Family</b>	
<i>Polemonium caeruleum</i>	Jacob's Ladder	Limestone rocks
<b>Polygalaceae</b>	<b>Milkwort Family</b>	
<i>Polygala alpestris</i>	Mountain Milkwort	Common
<i>Polygala alpina</i>	Alpine Milkwort	Mountain turf
<i>Polygala chamaebuxus</i>	Shrubby Milkwort	Frequent
<i>Polygala vulgaris</i>	Common Milkwort	Frequent

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<b>Polygonaceae</b>		
<i>Oxyria digyna</i>	Mountain Sorrel	Rocks and screes
<i>Polygonum bistorta</i>	Bistort	Meadows
<i>Polygonum viviparum</i>	Alpine Bistort	Common
<i>Rumex acetosa</i>	Common Sorrel	Widespread
<i>Rumex acetosella</i>	Sheep's Sorrel	Acidic pasture
<i>Rumex alpestris</i>	Alpine Sorrel	Widespread
<i>Rumex alpinus</i>	Monks Rhubarb	Disturbed
<i>Rumex obtusifolius</i>	Broad-leaved Dock	Occasional
<i>Rumex scutatus</i>	Rubble Dock	Screes and rocky places
<b>Primulaceae</b>		
<i>Androsace alpina</i>	Alpine Rock Jasmine	Alpine scree
<i>Androsace chamaejasme</i>	Ciliate Rock Jasmine	Frequent
<i>Androsace obtusifolia</i>	Blunt-leaved Rock Jasmine	Limestone turf
<i>Primula x berninae</i> ( <i>latifolia</i> x <i>hirsuta</i> )	A hybrid Primrose	Val Minor
<i>Primula elatior</i>	Oxlip	Snowbeds
<i>Primula farinosa</i>	Birdseye Primrose	Mountain turf
<i>Primulax heerii</i> ( <i>hirsutax integrifolia</i> )	A hybrid Primrose	Val Minor
<i>Primula hirsuta</i>	Hairy Primrose	Mountain rocks
<i>Primula integrifolia</i>	Entire-leaved Primrose	Common. Wet turf
<i>Primula latifolia</i>	Broad-leaved Primrose	Locally common
<i>Primulax muretiana</i> ( <i>integrifolia</i> x <i>latifolia</i> )	A hybrid Primrose	Fuorcla Surlej
<i>Soldanella alpina</i>	Alpine Snowbell	Mountain turf
<i>Soldanella pusilla</i>	Dwarf Snowbell	Wet turf
<b>Pyrolaceae</b>		
<i>Moneses uniflora</i>	One-flowered Wintergreen	Forest
<i>Pyrola minor</i>	Lesser Wintergreen	Forest
<b>Ranunculaceae</b>		
<i>Aconitum compactum</i>	A Monkshood	Mountain pasture
<i>Aconitum napellus</i>	Common Monkshood	Damp meadows
<i>Aconitum vulparia</i>	Wolfsbane	Frequent. Forests
<i>Anemone narcissiflora</i>	Narcissus-flowered Anemone	Mountain pasture
<i>Aquilegia alpina</i>	Alpine Columbine	Limestone pasture
<i>Caltha palustris</i>	Marsh Marigold	Flushes and streamsides
<i>Clematis alpina</i>	Alpine Clematis	Forest and pasture
<i>Pulsatilla alpina</i> subsp. <i>apiifolia</i>	Alpine Pasque Flower	Mountain pasture
<i>Pulsatilla vernalis</i>	Spring Pasque Flower	Mountain pasture
<i>Ranunculus aconitifolius</i>	Aconite-leaved Buttercup	Forest
<i>Ranunculus acris</i>	Meadow Buttercup	Common
<i>Ranunculus alpestris</i>	Alpine Buttercup	Common
<i>Ranunculus glacialis</i>	Glacier Crowfoot	Alpine scree
<i>Ranunculus kuepferi</i>	Kupfer's Buttercup	Mountain turf
<i>Ranunculus montanus</i>	Mountain Buttercup	Mountain turf
<i>Ranunculus repens</i>	Creeping Buttercup	Meadows
<i>Ranunculus villarsii</i>	Villars' Buttercup	Pasture
<i>Thalictrum aquilegifolium</i>	Great Meadow Rue	Meadows
<i>Thalictrum foetidum</i>	Stinking Meadow Rue	Pasture
<i>Thalictrum minus</i>	Lesser Meadow Rue	Pasture
<i>Trollius europaeus</i>	Globeflower	Damp pasture
<b>Dock Family</b>		
<b>Primrose Family</b>		
<b>Wintergreen Family</b>		
<b>Buttercup Family</b>		

Scientific Name	Common Name	Notes
<b>Rhamnaceae</b>	<b>Buckthorn Family</b>	
<i>Rhamnus pumilus</i>	Dwarf Buckthorn	Mountain rocks
<b>Rosaceae</b>	<b>Rose Family</b>	
<i>Alchemilla alpina</i>	Alpine Lady's Mantle	Common
<i>Alchemilla conjuncta</i>	Silver Lady's Mantle	Frequent
<i>Alchemilla glabra</i> agg.	A Lady's Mantle	Frequent
<i>Alchemilla hybrida</i>	A Lady's Mantle	Occasional
<i>Alchemilla pentaphyllea</i>	Cut-leaved Lady's Mantle	Damp mountain turf
<i>Cotoneaster integerrima</i>	Wild Cotoneaster	Rocks
<i>Dryas octopetala</i>	Mountain Avens	Mountain rocks and scree
<i>Filipendula ulmaria</i>	Meadowsweet	Meadows
<i>Fragaria vesca</i>	Wild Strawberry	Woods and pasture
<i>Geum montanum</i>	Alpine Avens	Mountain turf
<i>Geum reptans</i>	Creeping Avens	Alpine rocks and scree
<i>Geum rivale</i>	Water Avens	Occasional. Wet places
<i>Potentilla anserina</i>	Silverweed	Waste places
<i>Potentilla aurea</i>	Golden Cinquefoil	Occasional. Mountain turf
<i>Potentilla crantzii</i>	Alpine Cinquefoil	Common. Mountain turf
<i>Potentilla erecta</i>	Tormentil	Acidic turf
<i>Potentilla frigida</i>		Acidic alpine rocks
<i>Potentilla grandiflora</i>	Large-flowered Cinquefoil	Acidic pasture
<i>Potentilla rupestris</i>	Rock Cinquefoil	Local
<i>Rosa pendulina</i>	Alpine Rose	Frequent. Mountains
<i>Rubus idaeus</i>	Raspberry	Woods
<i>Rubus saxatilis</i>	Stone Bramble	Occasional. Rocky places
<i>Sanguisorba minor</i>	Salad Burnet	Widespread
<i>Sanguisorba officinalis</i>	Great Burnet	Meadows
<i>Sibbaldia procumbens</i>	Sibbaldia	Stony places in mountains
<i>Sorbus aucuparia</i>	Rowan	Woods and scrub
<i>Sorbus chamaemespilus</i>	False Medlar	Mountain scrub
<b>Rubiaceae</b>	<b>Madder Family</b>	
<i>Cruciata laevipes</i>	Crosswort	Meadows
<i>Galium anisophyllum</i>		Frequent
<i>Galium boreale</i>	Northern Bedstraw	Occasional. Grassy places
<i>Galium mollugo</i>	Hedge Bedstraw	Occasional
<i>Galium odoratum</i>	Woodruff	Woods
<i>Galium pumilum</i>		Frequent
<i>Galium verum</i>	Lady's Bedstraw	Meadows
<b>Salicaceae</b>	<b>Willow Family</b>	
<i>Populus tremula</i>	Aspen	Occasional
<i>Salix breviserrata</i>	Finely-toothed Willow	Occasional
<i>Salix foetida</i>	Stinking Willow	Val da Fain
<i>Salix glaucosericea</i>	Silky Willow	Occasional
<i>Salix hastata</i>	Large-stipuled Willow	Occasional
<i>Salix helvetica</i>	Swiss Willow	Rare. Val Muragl
<i>Salix herbacea</i>	Least willow	Mountain turf
<i>Salix laggeri</i>	Lagger's Willow	Occasional
<i>Salix myrsinites</i>	Whortle-leaved Willow	Mountain turf
<i>Salix reticulata</i>	Net-leaved Willow	Mountain rocks and turf
<i>Salix retusa</i>	Retuse-leaved Willow	Mountain rocks and turf

Scientific Name	Common Name	Notes
<i>Salix serpyllifolia</i>	Thyme-leaved Willow	Mountain rocks and turf
<b>Santalaceae</b>	<b>Sandalwood Family</b>	
<i>Thesium alpinum</i>	Alpine Bastard Toadflax	Occasional. Pasture
<b>Saxifragaceae</b>	<b>Saxifrage Family</b>	
<i>Chrysosplenium alternifolium</i>	Alternate-leaved Golden-saxifrage	Occasional. Wet places
<i>Saxifraga aizoides</i>	Yellow Mountain Saxifrage	Wet turf and screes
<i>Saxifraga androsacea</i>	Scree Saxifrage	Damp screes and rocks
<i>Saxifraga aspera</i>	Rough Saxifrage	Rocky places
<i>Saxifraga bryoides</i>	Mossy Saxifrage	Rocky places
<i>Saxifraga caesia</i>	Blue Saxifrage	Limestone scree and turf
<i>Saxifraga exarata</i> subsp. <i>exarata</i>	White Musky Saxifrage	Rocky places
<i>Saxifraga exarata</i> subsp. <i>moschata</i>	Musky Saxifrage	Rocky places
<i>Saxifraga oppositifolia</i>	Purple Saxifrage	Moraines and screes
<i>Saxifraga paniculata</i>	Livelong Saxifrage	Rocks and cliffs
<i>Saxifraga seguieri</i>	Seguier's Saxifrage	Damp alpine turf and rocks
<i>Saxifraga stellaris</i>	Starry Saxifrage	Wet acidic flushes
<b>Scrophulariaceae</b>	<b>Figwort Family</b>	
<i>Bartsia alpina</i>	Alpine Bartsia	Alpine turf
<i>Euphrasia alpina</i>	Alpine Eyebright	Mountain turf
<i>Euphrasia minima</i>	Dwarf Eyebright	Mountain rocks
<i>Euphrasia rostkoviana</i>	Common Eyebright	Meadows
<i>Euphrasia salisburgensis</i>	Irish Eyebright	Pasture
<i>Linaria alpina</i>	Alpine Toadflax	Screes and rocky places
<i>Melampyrum sylvaticum</i>	Wood Cow-wheat	Forest
<i>Pedicularis kernerii</i>	Kerner's Lousewort	Alpine turf
<i>Pedicularis oederi</i>	Crimson-tipped Lousewort	Alpine turf
<i>Pedicularis palustris</i>	Marsh Lousewort	Marshes
<i>Pedicularis recutita</i>	Beakless Red Lousewort	Wet pasture. Val Muragl
<i>Pedicularis rostratospicata</i>	Flesh-pink Lousewort	Val Muragl
<i>Pedicularis tuberosa</i>	Long-beaked Yellow Lousewort	Acidic mountain turf
<i>Pedicularis verticillata</i>	Whorled Lousewort	Mountain turf
<i>Rhinanthus alectorolophus</i>	Greater Yellow Rattle	Meadows
<i>Rhinanthus glacialis</i>		Occasional
<i>Rhinanthus minor</i>	Yellow Rattle	Frequent
<i>Verbascum nigrum</i>	Dark Mullein	Lowland
<i>Veronica alpina</i>	Alpine Speedwell	Stony pasture
<i>Veronica aphylla</i>	Leafless-stemmed Speedwell	Stony pasture
<i>Veronica beccabunga</i>	Brooklime	Wet places
<i>Veronica bellidioides</i>	Violet Speedwell	Acidic pasture
<i>Veronica chamaedrys</i>	Germander Speedwell	Occasional
<i>Veronica fruticans</i>	Rock Speedwell	Mountain rocks
<i>Veronica fruticulosa</i>		Rocky moraines. Morteratsch
<i>Veronica officinalis</i>	Heath Speedwell	Woods and banks
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	Common
<i>Veronica urticifolia</i>	Nettle-leaved Speedwell	Woods
<b>Tamaricaceae</b>	<b>Tamarisk Family</b>	
<i>Myricaria germanica</i>	German Tamarisk	River gravels. Morteratsch



Scientific Name	Common Name	Notes
<b>Thymelaceae</b>		
<i>Daphne mezereum</i>	<b>Daphne Family</b> Mezereum	Limestone rocks. Local
<i>Daphne striata</i>	Striped Daphne	Stony pasture
<b>Urticaceae</b>		
<i>Urtica dioica</i>	<b>Nettle Family</b> Stinging Nettle	Widespread
<b>Valerianaceae</b>		
<i>Valeriana montana</i>	<b>Valerian Family</b> Mountain Valerian	Limestone rocks
<i>Valeriana officinalis</i>	Common Valerian	Damp meadows
<i>Valeriana tripteris</i>	Three-leaved Valerian	Woods
<b>Violaceae</b>		
<i>Viola biflora</i>	<b>Violet Family</b> Yellow Wood Violet	Common
<i>Viola calcarata</i>	Long-spurred Pansy	Locally common
<i>Viola palustris</i>	Bog Violet	Common
<i>Viola riviniana</i>	Common Dog Violet	Common
<i>Viola rupestris</i>	Teesdale Violet	Limestone meadows
<i>Viola tricolor</i>	Heartsease	Waste places
<b>MONOCOTYLEDONS</b>		
<b>Cyperaceae</b>		
<i>Carex atrata</i>	<b>Sedge Family</b> Black Alpine Sedge	Wet places. Frequent
<i>Carex capillaris</i>	Hair Sedge	Rocky places
<i>Carex curvula</i>	Curved Sedge	Occasional
<i>Carex davalliana</i>	Davall's Sedge	Occasional
<i>Carex echinata</i>	Star Sedge	Common
<i>Carex ferruginea</i>	Rusty Sedge	Common
<i>Carex flacca</i>	Glaucous Sedge	Common
<i>Carex nigra</i>	Black Sedge	Common
<i>Carex ornithopoda</i>	Bird's-foot Sedge	Frequent
<i>Carex pallescens</i>	Pale Sedge	Frequent
<i>Carex panicea</i>	Carnation Sedge	Common
<i>Eleocharis quinqueflora</i>	Few-flowered Spike-rush	Wet flushes. Val da Fain
<i>Eriophorum angustifolium</i>	Cotton Grass	Common
<i>Eriophorum latifolium</i>	Broad-leaved Cottongrass	Wetplaces
<i>Eriophorum scheuchzeri</i>	Scheuchzer's Cottongrass	Lakes and pools
<i>Eriophorum vaginatum</i>	Hairstail Cottongrass	Occasional
<i>Trichophorum cespitosum</i>	Deergrass	Common
<b>Juncaceae</b>		
<i>Juncus alpinoarticulatus</i>	<b>Rush Family</b> Alpine Jointed Rush	Wet mountain pastures
<i>Juncus filiformis</i>	Thread Rush	Occasional
<i>Juncus jacquinii</i>	Jacquin's Rush	Frequent
<i>Juncus trifidus</i>	Three-leaved Rush	Acidic turf
<i>Juncus triglumis</i>	Three-flowered Rush	Wet flushes. Val da Fain
<i>Luzula alpinopilosa</i>	Alpine Wood-rush	Mountain pasture
<i>Luzula lutea</i>	Yellow wood-rush	Mountain pasture
<i>Luzula multiflora</i>	Heath Wood-rush	Mountain pasture
<i>Luzula nivea</i>	Snowy Wood-rush	Woods
<i>Luzula spicata</i>	Spiked Wood-rush	Mountain pasture
<i>Luzula sudetica</i>	Sudetic Wood-rush	Occasional

Scientific Name	Common Name	Notes
<i>Luzula sylvatica</i>	Great Wood-rush	Woods
<b>Iridaceae</b>	<b>Iris Family</b>	
<i>Crocus vernus</i> subsp. <i>albiflorus</i>	Spring Crocus	Common
<b>Liliaceae</b>	<b>Lily Family</b>	
<i>Allium schoenoprasum</i>	Chives	Occasional
<i>Allium victorialis</i>	Alpine Leek	Local. Alp Grum
<i>Colchicum autumnale</i>	Meadow Saffron	Occasional. Meadows
<i>Convallaria majalis</i>	Lily of the Valley	Occasional
<i>Gagea fistulosa</i>	Yellow Gagea	Locally common
<i>Lilium bulbiferum</i> subsp. <i>croceum</i>	Orange Lily	Woods and cliffs. Local
<i>Lilium martagon</i>	Martagon Lily	Woods
<i>Lloydia serotina</i>	Snowdon Lily	Mountain turf
<i>Maianthemum bifolium</i>	May Lily	Forests
<i>Tofieldia calyculata</i>	Tofield's Asphodel	Common
<i>Veratrum album</i>	White False Helleborine	Mountain pasture
<b>Orchidaceae</b>	<b>Orchid Family</b>	
<i>Chamorchis alpina</i>	Dwarf Orchid	Screes and mountain turf. Local
<i>Coeloglossum viride</i>	Frog Orchid	Frequent
<i>Corallorhiza trifida</i>	Coral Root Orchid	Forests
<i>Dactylorhiza cruenta</i>	A Marsh Orchid	Calcareous flushes. Local
<i>Dactylorhiza fuchsii</i>	Common Spotted Orchid	Common
<i>Dactylorhiza maculata</i>	Heath Spotted Orchid	Common
<i>Dactylorhiza majalis</i>	Broad-leaved Marsh Orchid	Wet pasture. Common
<i>Gymnadenia conopsea</i>	Fragrant Orchid	Common
<i>Gymnadenia odoratissima</i>	Short-spurred Fragrant Orchid	Locally common
<i>Listera ovata</i>	Twayblade	Occasional. Meadows
<i>Nigritella rhellicani</i>	Vanilla Orchid	Locally common
<i>Nigritella rubra</i>	Red Vanilla Orchid	Locally common
<i>Orchis mascula</i>	Early Purple Orchid	Frequent
<i>Platanthera bifolia</i>	Lesser Butterfly Orchid	Local. Grassland
<i>Pseudorchis albida</i>	Small White Orchid	Common
<i>Traunsteinera globosa</i>	Round-headed Orchid	Local. Chanterella
<b>Poaceae</b>	<b>Grass Family</b>	
<i>Agropyron repens</i>	Common Couch	Waste places
<i>Agrostis capillaris</i>	Common Bent	Common
<i>Anthoxanthum alpinum</i>	Alpine Vernal Grass	Common
<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass	Common
<i>Arrhenatherum elatius</i>	False Oat-grass	Occasional
<i>Brachypodium sylvaticum</i>	False Brome	Forests. Common
<i>Briza media</i>	Quaking Grass	Common
<i>Bromus hordeaceus</i>	Soft Brome	Lowland
<i>Cynosurus cristatus</i>	Crested Dogstail	Meadows
<i>Dactylis glomerata</i>	Cocksfoot	Waste places
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	Wet turf. Common
<i>Deschampsia flexuosa</i>	Wavy Hair-grass	Common
<i>Festuca ovina</i>	Sheeps Fescue	Common
<i>Festuca pratensis</i>	Meadow Fescue	Common
<i>Festuca rubra</i>	Red Fescue	Common
<i>Festuca violacea</i>	Violet Fescue	Mountains. Common

Scientific Name	Common Name	Notes
<i>Holcus lanatus</i>	Yorkshire Fog	Frequent
<i>Holcus mollis</i>	Creeping Soft Grass	Frequent
<i>Koeleria macrantha</i>	Crested Hair-grass	Frequent
<i>Lolium perenne</i>	Perennial Ryegrass	Waste places
<i>Melica uniflora</i>	Wood Melick	Frequent
<i>Nardus stricta</i>	Mat Grass	Common
<i>Oreochloa disticha</i>		Alpine Rocks
<i>Phleum alpinum</i>	Alpine Timothy	Common
<i>Phleum pratense</i>	Timothy	Meadows
<i>Poa alpina</i>	Alpine Meadow Grass	Common
<i>Poa annua</i>	Annual Meadow Grass	Common on trackways
<i>Poa nemoralis</i>	Wood Meadow Grass	Forests
<i>Poa pratensis</i>	Smooth Meadow Grass	Meadows
<i>Poa supina</i>	Creeping Meadow Grass	Meadows
<i>Poa trivialis</i>	Rough Meadow Grass	Meadows
<i>Sesleria caerulea</i>	Blue Moor Grass	Limestone

Birds (✓ = recorded but not counted; H = heard only)

	Common name	Scientific name	June/July								
			30	1	2	3	4	5	6	7	
1	Mallard	<i>Anas platyrhynchos</i>								✓	
2	Tufted Duck	<i>Aythya fuligula</i>							✓		
3	Great Crested Grebe	<i>Podiceps cristatus</i>							✓		
4	Grey Heron	<i>Ardea cinerea</i>	✓								
5	Red Kite	<i>Milvus milvus</i>	✓								
6	Black Kite	<i>Milvus migrans</i>	✓								
7	Golden Eagle	<i>Aquila chrysaetos</i>				✓	✓				
8	Common Kestrel	<i>Falco tinnunculus</i>		✓							
9	Eurasian Coot	<i>Fulica atra</i>						✓	✓		
10	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	✓								
11	Common Swift	<i>Apus apus</i>		✓	✓	✓	✓	✓	✓	✓	
12	Eurasian Magpie	<i>Pica pica</i>							✓		
13	Spotted Nutcracker	<i>Nucifraga caryocatactes</i>		✓		H	H	✓	✓		
14	Alpine Chough	<i>Pyrrhocorax graculus</i>					✓	✓			
15	Carrion Crow	<i>Corvus corone</i>		✓	✓	✓		✓	✓		
16	Northern Raven	<i>Corvus corax</i>				✓		✓	✓		
17	Coal Tit	<i>Parus ater</i>		✓	✓	✓	✓	✓			
18	European Crested Tit	<i>Lophophanes cristatus</i>						✓			
19	Great Tit	<i>Parus major</i>		✓		✓		✓			
20	Common House Martin	<i>Delichon urbica</i>			✓						
21	Lesser Whitethroat	<i>Sylvia curruca</i>		✓				✓			
22	Common Firecrest	<i>Regulus ignicapilla</i>		✓			H	✓			
23	Common Blackbird	<i>Turdus merula</i>		✓	✓	✓	✓	✓	✓		
24	Fieldfare	<i>Turdus pilaris</i>						✓	✓		
25	Mistle Thrush	<i>Turdus viscivorus</i>			✓	✓	✓	✓	✓		
26	European Robin	<i>Erithacus rubecula</i>		H							
27	Black Redstart	<i>Phoenicurus ochruros</i>		✓	✓		✓	✓	✓		
28	Northern Wheatear	<i>Oenanthe oenanthe</i>		✓	✓	✓	✓				
29	White-throated Dipper	<i>Cinclus cinclus</i>					✓				
30	House Sparrow	<i>Passer domesticus</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
31	White-winged Snowfinch	<i>Montifringilla nivalis</i>		✓	✓		✓				

	Common name	Scientific name	June/July							
			30	1	2	3	4	5	6	7
32	Alpine Accentor	<i>Prunella collaris</i>			✓					
33	Dunnock	<i>Prunella modularis</i>			✓			✓		
34	White Wagtail	<i>Motacilla alba</i>			✓	✓	✓	✓		
35	Water Pipit	<i>Anthus spinoletta</i>		✓	✓	✓	✓	✓	✓	
36	Common Chaffinch	<i>Fringilla coelebs</i>		✓	✓	✓	✓	✓	✓	
37	Common Redpoll	<i>Carduelis flammea</i>			✓	✓		✓		
38	Common Linnet	<i>Carduelis cannabina</i>			✓			✓		
39	Red Crossbill	<i>Loxia curvirostra</i>						H		
40	Eurasian Bullfinch	<i>Pyrrhula pyrrhula</i>						✓		
41	Yellowhammer	<i>Emberiza citrinella</i>						✓		

## Mammals

1	Red Squirrel	<i>Sciurus vulgaris</i>		✓				✓		
2	Alpine Marmot	<i>Marmota marmota</i>		✓	✓	✓	✓	✓	✓	
3	Snow Vole	<i>Microtus nivalis</i>			✓					
4	Ibex	<i>Capra hircus</i>					✓		✓	

## Butterflies

1	Swallowtail	<i>Papilio machaon</i>		✓			✓	✓		
2	Clouded Apollo	<i>Parnassius mnemosyne</i>					✓			
3	Mountain Clouded Yellow	<i>Colias phicomone</i>						✓	✓	
4	Large White	<i>Pieris brassicae</i>		✓	✓					
5	Small White	<i>Artogeia rapae</i>						✓		
6	Peak White	<i>Pieris callidice</i>				✓	✓	✓		
7	Orange Tip	<i>Anthocharis cardamines</i>				✓				
8	Wood White	<i>Leptidea sinapsis</i>		✓						
9	Green Hairstreak	<i>Callophrys rubi</i>						✓		
10	Small Blue	<i>Cupido minimus</i>			✓	✓	✓	✓	✓	
11	Osiris Blue	<i>Cupido osiris</i>					✓			
12	Holly Blue	<i>Celastrina argiolus</i>			✓					
13	Common Blue	<i>Polyommatus icarus</i>		✓						✓
14	Painted Lady	<i>Vanessa cardui</i>		✓						
15	Red Admiral	<i>Vanessa atalanta</i>		✓						
16	Small Pearl-bordered Fritillary	<i>Boloria selene</i>								✓
17	Marsh Fritillary	<i>Euphydryas aurinia</i>					✓	✓		
18	Alpine Grayling	<i>Oeneis glacialis</i>		✓	✓		✓			
19	Mountain Ringlet	<i>Erebia epiphron</i>		✓	✓	✓		✓	✓	
20	Alpine Heath	<i>Coenonympha gardetta</i>								✓
21	Dusky Grizzled Skipper	<i>Pyrgus cacaliae</i>		✓						
22	Grizzled Skipper	<i>Pyrgus malvae</i>					✓	✓		

## Moths

1	Six-spot Burnet	<i>Zygaena filipendulae</i>				✓				
2	Humming-bird Hawk	<i>Macroglossum stellatarum</i>					✓			