

Switzerland – Alpine Flowers of the Upper Engadine

Naturetrek Tour Report

10th – 17th July 2022



Val Poschiavo



Papaver aurantiacum



Jacobaea arbutanifolia



Dianthus superbus

Tour report and images by David Tattersfield



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Day 1

Sunday 10th July

From Zurich, we travelled on the comfortable intercity express to Landquart, where we changed to the regional train, through Klosters and the Vereina Tunnel to Scuol-Tarasp. We made a final change at Samedan, for the short ride to Pontresina, where we were met by our hotel transport. After our evening meal and a brief outline of the plans for the coming week, we retired to bed.

Day 2

Monday 11th July

After a short walk to Surovas station, we caught the 9.07am train and enjoyed a scenic introduction to the geography of the region, as we travelled south along the length of Val Bernina. We crossed the watershed, beside Lago Bianco, where the water level was very low due to a high demand for hydroelectric power, and alighted at Alp Grum. As this was the first day, there was much to discover, and we made slow progress to the Belvedere, above the station. Notable plants included the showy Large Pink *Dianthus superbus*, Southern Butterwort *Pinguicula leptoceras*, Jacquin's Rush *Juncus jacquinii*, Alpine Leek *Allium victorialis* and the large-flowered Giant Cats-ear *Hypochaeris uniflora*. In addition, we found Alpine Aster *Aster alpinus*, Trumpet Gentian *Gentiana acaulis*, Snow Gentian *Gentiana nivalis*, Alpine Vanilla Orchid *Gymnadenia rhellicani* and a host of Common Spotted-orchid *Dactylorhiza maculata* subsp. *fuchsii*. Relaxing over coffee, at the Belvedere, we enjoyed magnificent views of the Poschiavo Valley, to the south, and the glistening white Palu glacier, high above us.

Descending through the forest, we found Martagon Lily *Lilium martagon*, Yellow Melancholy Thistle *Cirsium erithales* and a large stand of Alpine Blue-sowthistle *Cicerbita alpina*. We had lunch, in the sunshine, beside the railway, where butterflies included Purple-edged Copper, Apollo and Black-veined White. Following the trail down through the forest, we encountered showy specimens of Large Yellow Foxglove *Digitalis grandiflora* and Carthusian Pink *Dianthus carthusianorum*, and we searched for One-flowered Wintergreen *Moneses uniflora* and the parasitic Coralroot Orchid *Corallorhiza trifida* on the forest floor.

Near the delightful old village of Cavaglia, we visited the Gletschergarten, where a series of amazing potholes were formed during successive glaciations, under the pressure of ice from the Palu glacier. Among plants of interest here, we noted the curious lily-relative *Streptopus amlexifolius*, Scheuchzer's Rampion *Phyteuma scheuchzeri* and Dwarf Mountain-pine *Pinus mugo*. We were surprised and delighted to see a Bearded Vulture, gliding effortlessly overhead. Hunted to extinction in the early 20th century, they are now enjoying a comeback, after a programme of captive breeding and reintroduction.

After a very interesting day, we caught the 4.52pm train and returned to the hotel for dinner.

Day 3

Tuesday 12th July

We took the train, as far as Bernina Lagalb, where we crossed the road to the foot of Val Minor. Here, the flora is influenced by the limestone rocks and scree that have fallen from the neighbouring Piz Alv. Among the boulders, we found Jacob's-ladder *Polemonium caeruleum*, Chamois Ragwort *Senecio doronicum* and a colourful mixture of Large-flowered Common Rockrose, *Helianthemum nummularium* subsp. *grandiflorum*, Alpine Rockrose *Helianthemum*

oelandicum subsp. *alpestre*, Rock Speedwell *Veronica fruticans* and Alpine Gypsophila *Gypsophila repens*. In the turf, a rich assemblage of plants included Frog Orchid *Dactylorhiza viridis*, Alpine Vanilla Orchid, Red Vanilla Orchid *Gymnadenia miniata*, the deep orange Golden Hawk's-beard *Crepis aurea*, Arnica *Arnica montana* and spiny rosettes of Dwarf Thistle *Cirsium acaule*. A range of butterflies included Alpine Heath and the bright orange Shepherd's Fritillary, which was particularly attracted to the flowers of Greater Knapweed *Centaurea scabiosa* subsp. *alpestris*.

Once we were away from the limestone, we quickened our pace towards the head of the valley.

In boulder screes, by the first lake, we found the yellow-flowered form of Dwarf Eyebright *Euphrasia minima*, a large colony of Lesser Wintergreen *Pyrola minor*, large clumps of White-leaved Adenostyles *Adenostyles leucophylla*, and the attractive seed heads and red runners of Creeping Avens *Geum reptans*. Spring had come very early to the Alps, this year, after unusually hot and dry weather in May, and instead of the hoped-for mass displays of Dwarf Snowbell *Soldanella pusilla* and Entire-leaved Primrose *Primula integrifolia*, there were just one or two late flowers in shady corners. Nevertheless, we did find a few Broad-leaved Primrose *Primula latifolia*, with deep-purple flowers on a tall, one-sided scape.

We had lunch beside the circular Lej Minor, before climbing steeply to a distinct band of metamorphosed limestone. It supports a very interesting plant community, dominated by a particularly hairy form of Net-leaved Willow *Salix reticulata*, Retuse-leaved Willow *Salix retusa* and Mountain Avens *Dryas octopetala*, along with tight silvery hummocks of Blue Saxifrage *Saxifraga caesia*, Alpine Butterwort *Pinguicula alpina* and Yellow Mountain Saxifrage *Saxifraga aizoides*. At the top of the pass, the glacier-clad Piz Cambrena came into view, framed by colourful slopes of pink Alpine Clover *Trifolium alpinum* and yellow Carniolian Ragwort *Jacobaea incana* subsp. *carniolica*. Passing a small lake, surrounded by the fluffy, white flowerheads of Scheuchzer's Cottongrass *Eriophorum scheuchzeri*, we continued down to the top of the Bernina Pass. We enjoyed a coffee break in the Cambrena Restaurant before a short walk to the station, for our return train to Surovas.

Day 4

Wednesday 13th July

It proved to be the perfect day for a high mountain adventure. We took the Diavolezza cable-car and climbed swiftly to the viewpoint at 2,940 metres. We were greeted by a breath-taking panorama of glistening white peaks, against a deep blue sky. The sinuous lines of the Pers and Morteratsch Glaciers stretched below us, showing every detail of their moraine-streaked and crevassed surfaces, in the crystal-clear air. We sat back and enjoyed this amazing spectacle over drinks, as a lady in national costume played the alpenhorn – so very Swiss!

We had only to walk a few metres beyond the buildings to see good cross-section of the plants that thrive in this harsh environment. These included the pure-white Alpine Bitter-cress *Cardamine alpina*, Alpine Moon Daisy *Leucanthemopsis alpina*, and perfect domes of Glacier Crowfoot *Ranunculus glacialis*, yellow Alpine Stonecrop *Sedum alpestre*, deep purple Kerner's Lousewort *Pedicularis kernerii* and dark blue Globularia-leaved Rampion *Phyteuma globulariifolium*, which erupted from narrow crevices in the frost-shattered rocks.

We returned on the cable-car and crossed the road to the lower part of Val da Fain, for our picnic. Around us, the springs and wet flushes contained a fascinating range of locally uncommon plants, including Flecked Marsh-orchid *Dactylorhiza incarnata* subsp. *cruenta*, Marsh Lousewort *Pedicularis palustris* and the inconspicuous Marsh Arrowgrass *Triglochin palustris*. Higher up the slope, we found Early-purple Orchid *Orchis mascula*, deep-blue Bavarian Gentian

Gentiana bavarica, Whorled Lousewort *Pedicularis verticillata* and the sombre Beakless Red Lousewort *Pedicularis recutita*.

On and around a chaos of fallen boulders, below Piz Alv, we found a botanical paradise. Dwarf shrubs included many dwarf willows, Mountain Avens, Bearberry *Arctostaphylos uva-ursi*, Alpine Bearberry *Arctostaphylos alpina*, Black-berried Honeysuckle *Lonicera caerulea* and *Clematis alpina*, while in the turf, we found the startling, orange flowers of Pinnate-leaved Ragwort *Jacobaea abrotanifolia*. Scattered across the hillside were the broad, pleated leaves of Great Yellow Gentian *Gentiana lutea* and White False-helleborine *Veratrum album* and we found several plants of *Gentiana* × *charpentieri*, the hybrid between *Gentiana lutea* and *Gentiana punctata*.

We continued to explore, as far as the limestone screes, which run down from the mountain summit, where we found flowering colonies of Round-leaved Wintergreen *Pyrola rotundifolia* and the tiny Dwarf Orchid *Chamorchis alpina*. A broad track led us down the valley, past a farm, to Bernina Suot, where we caught our return train.

Day 5

Thursday 14th July

We took the train to Morteratsch, one station up the line. In the late 1800's the glacier almost reached the railway station, but today, we had over four kilometres to walk, to reach the rapidly diminishing ice. A colourful tapestry of plants on the moraines included Alpenerose *Rhododendron ferrugineum*, red-flowered Cobweb Houseleek *Sempervivum arachnoideum*, Alpine Bird's-foot Trefoil *Lotus alpinus*, Alpine Clover, and a variety of Hawkweeds, Saxifrages and Bellflowers. At the end of the track the only visible ice was confined to the valley sides, where it was protected by a covering of fresh lateral moraine. Beside braided channels carrying torrents of meltwater, recently formed terraces were being slowly colonised by pioneer plants such as Mossy Saxifrage *Saxifraga bryoides* and Fleischer's Willowherb *Epilobium fleischeri*.

After returning to the station, we took the next train to Ospizio Bernina, where we had lunch, before following a broad track along the shore of Lago Bianco. After a cloudy morning, the sun was out, and we enjoyed a pleasant walk, with many floral highlights, most notably Starry Hare's-ear *Bupleurum stellatum*, Dwarf Milfoil *Achillea nana*, Alpine Saw-wort *Saussurea alpina*, Rhaetian Rampion *Phyteuma hedraiantbifolium* and the yellow Rhaetic Poppy *Papaver aurantiacum*. Beyond the dam, we descended into forest, before passing the Belvedere to Alp Grum, where we waited for our train.

Day 6

Friday 15th July

For a change, we caught the 9.17am bus and travelled through St Moritz and Silvaplana to Surlej. We took the cable-car, high above the treetops, to the intermediate station, at Murtel and then another to Corvatsch, at 3,300 metres. The views were superb, in every direction, and as far as Monte Rosa, Switzerland's highest peak, and the Matterhorn, in the west. Even at this high altitude, Austrian Whitlowgrass *Draba dubia*, Bald White Whitlowgrass *Draba fladnizensis* and Broad-leaved Mouse-ear *Cerastium latifolium* were flowering in cracks in the concrete.

Returning to Murtel, we followed a broad track across the moraines to Fuorcla Surlej. New plants, for us, included the yellow-flowered Seguer's Saxifrage *Saxifraga seguieri*, Scree Saxifrage *Saxifraga androsacea*, Alpine Speedwell *Veronica alpina* and Blue Rock-cress *Arabis caerulea* and, on the cliffs, we found our first King-of-the-Alps *Eritrichium nanum*, with bright blue flowers on a cushion of silver-haired leaves.

At Fuorcla Surlej, while we ate our lunch, we overlooked a stunning panorama of snowy peaks, glaciers, and icefields at the head of Val Roseg. At this point, two of our small party chose the easy option of returning to the cable-car, leaving two of us to make a long and scenic descent into Val Roseg. As we lost altitude, there was a gradual change in the flora, and we finished the walk through a beautiful section of mature forest of Arolla Pine *Pinus cembra*. From the Roseg Hotel, we saved our legs by taking a horse-drawn carriage for the remaining six kilometres to Pontresina, leaving just a gentle forest walk past Surovas, to the hotel.

Day 7

Saturday 16th July

The weather remained perfect for our final day. We caught the bus to St. Moritz followed by the two-stage funicular railway to Corviglia and the cable-car to Piz Nair. After enjoying the views, over coffee, we investigated a low knoll of brecciated limestone, where we found a variety of exquisite little alpine gems among lichen-encrusted rocks. These included tight cushions of Alpine Rock-jasmine, Mossy Saxifrage, White Musky Saxifrage *Saxifraga exarata* subsp. *exarata*, Glacier Cinquefoil *Potentilla frigida* and more King-of-the-Alps.

Returning to Corviglia, we found a lovely spot for our final picnic, looking across to the lakes of the Upper Engadine. Beyond here, we made a steep descent through a fascinating area of friable, crystalline gypsum, which had weathered into a series of mounds and deep sinkholes. An astonishing diversity of flowers included Blue Saxifrage, Edelweiss *Leontopodium nivale* subsp. *alpinum*, *Saxifraga caesia*, Alpine Sainfoin *Hedysarum hedysaroides* and Southern Milk-vetch *Astragalus australis*. In the turf there were many Fragrant-orchid *Gymnadenia conopsea* and Short-spurred Fragrant-orchid *Gymnadenia odoratissima*, but because of the early season, many were past their peak of flowering.

Below Alp Nova, a mosaic of grassland habitats contained Broad-leaved Marsh-orchid *Dactylorhiza majalis*, Round-headed Orchid *Traunsteinera globosa*, Greater Butterfly-orchid *Platanthera chlorantha*, Twayblade *Neottia ovata* and Plume Knapweed *Centaurea nervosa*, which was attention from Six-spot Burnet moths. A rocky limestone bank produced a final flourish of new plants; Dwarf Buckthorn *Rhamnus pumilus*, the yellow Mountain Germander *Teucrium montanum* and deep-pink Rock Soapwort *Saponaria ocymoides*.

It had been a day of amazing contrasts and we had seen some of the best flora in the region. From Chantarella, we returned to St Moritz, where we relaxed over drinks and ice-creams in the square, before returning to Pontresina.

Day 8

Sunday 17th July

After an early start, we enjoyed a scenic return journey through the Alps, following the many loops and tunnels of the UNESCO World Heritage Albula railway. We changed to the inter-city line at Chur and were back in Zurich with ample time to check in for our flight back to London.

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Species lists

Plants

Latin Name	Common Name	Notes
PTERIDOPHYTES	FERNS AND FERN ALLIES	
Aspleniaceae	Spleenwort Family	
<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
Athyriaceae	Lady-fern Family	
<i>Athyrium distentifolium</i>	Alpine Lady-fern	Mountain rocks
<i>Athyrium filix-femina</i>	Lady-fern	Occasional
Cystopteridaceae	Bladder-fern Family	
<i>Cystopteris fragilis</i>	Brittle Bladder-fern	Frequent on rocks
<i>Gymnocarpium dryopteris</i>	Oak Fern	Woods. Local
<i>Gymnocarpium robertianum</i>	Limestone Fern	Calcareous scree
Dennstaedtiaceae	Bracken Family	
<i>Pteridium aquilinum</i>	Bracken	Valley woodland
Dryopteridaceae	Buckler-fern Family	
<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>Polystichum lonchitis</i>	Holly-fern	Mountain rocks

Latin Name	Common Name	Notes
Equisetaceae	Horsetail Family	
<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>	Variegated Horsetail	Wet flushes
Lycopodiaceae	Clubmoss Family	
<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. Forest. Alp Grum
<i>Lycopodium clavatum</i>	Stag's-horn Clubmoss	Mountain turf
Ophioglossaceae	Adder's-tongue Family	
<i>Botrychium lunaria</i>	Moonwort	Common in short turf
Polypodiaceae	Polypody Family	
<i>Polypodium vulgare</i>	Common Polypody	Occasional on rocks
Pteridaceae	Maidenhair Fern Family	
<i>Cryptogramma crispa</i>	Parsley Fern	Acidic rocks and screes
Selaginellaceae	Lesser Clubmoss Family	
<i>Selaginella helvetica</i>	Swiss Clubmoss	Mountain turf. Bernina Lagalb
<i>Selaginella selaginoides</i>	Lesser Clubmoss	Frequent in turf
GYMNOSPERMS	CONIFERS	
Cupressaceae	Juniper Family	
<i>Juniperus communis</i> var. <i>saxatilis</i>	Common Juniper	Common
Pinaceae	Pine Family	
<i>Abies alba</i>	European Silver-fir	Occasional in forests
<i>Larix decidua</i>	Larch	Occasional
<i>Picea abies</i>	Norway Spruce	Common in northern valleys
<i>Pinus cembra</i>	Arolla Pine	Forests
<i>Pinus mugo</i>	Dwarf Mountain-pine	Cavaglia
<i>Pinus sylvestris</i>	Scots Pine	Common in northern valleys
ANGIOSPERMS	FLOWERING PLANTS	
DICOTYLEDONS		
Amaranthaceae	Goosefoot Family	
<i>Blitum bonus-henricus</i>	Good-King-Henry	Frequent weed
Apiaceae	Carrot Family	
<i>Aegopodium podagraria</i>	Ground Elder	Waste places
<i>Angelica sylvestris</i>	Wild Angelica	Occasional. Lower valleys
<i>Anthriscus sylvestris</i>	Cow Parsley	Common ruderal
<i>Astrantia minor</i>	Lesser Astrantia	Common
<i>Bupleurum stellatum</i>	Starry Hare's-ear	Locally common
<i>Carum carvi</i>	Caraway	Tracksides

Latin Name

Chaerophyllum hirsutum
Chaerophyllum villarsii
Heracleum sphondylium
Laserpitium gaudinii
Laserpitium halleri
Laserpitium latifolium
Ligusticum mutellina
Ligusticum mutellinoides
Peucedanum ostruthium
Pimpinella major
Pimpinella saxifraga

Common Name

Hairy Chervil
Villars' Chervil
Hogweed
Gaudin's Sermountain
Haller's Sermountain
Broad-leaved Sermountain
Alpine Lovage
Unbranched Lovage
Masterwort
Greater Burnet-saxifrage
Burnet-saxifrage

Notes

Woods
Woods
Common
Rocky places
Rocky places
Common
Mountain pasture
High mountain pasture
Common
Meadows
Meadows

Araliaceae

Hedera helix

Ivy Family

Ivy Occasional in woods

Asteraceae

Adenostyles alliariae
Adenostyles leucophylla
Achillea atrata
Achillea erba-rotta subsp. *moschata*
Achillea macrophylla
Achillea millefolium
Achillea nana
Antennaria carpatia
Antennaria dioica
Arnica montana
Artemisia genipi
Artemisia umbelliformis
Artemisia vulgaris
Aster alpinus
Bellidastrum michelii
Bellis perennis
Carduus defloratus
Carduus personata
Carlina acaulis
Carlina vulgaris
Centaurea nervosa
Centaurea scabiosa
Cicerbita alpina
Cirsium acaule
Cirsium eriophorum
Cirsium erisithales
Cirsium heterophyllum
Cirsium palustre
Cirsium spinosissimum
Crepis aurea
Crepis bocconeii
Crepis paludosa
Doronicum clusii
Erigeron acris subsp. *politus*
Erigeron alpinus
Erigeron neglectus
Erigeron uniflorus
Eupatorium cannabinum

Daisy Family

Adenostyles Val Roseg
White-leaved Adenostyles River gravels. Morteratsch
Dark-stemmed Sneezewort Rocky places on limestone
Musk Milfoil Rocky places on acidic soils
Large-leaved Sneezewort Occasional
Yarrow Frequent
Dwarf Milfoil Screes
Carpathian Cat's-foot Mountain turf
Cat's-foot Common
Arnica Common
Black Genipi Screes
Yellow Genipi Screes and cliffs
Mugwort Pontresina
Alpine Aster Limestone rocks and turf
False Aster Frequent
Daisy Frequent
Alpine Thistle Common
Great Marsh Thistle Pontresina
Stemless Carlina Thistle Mountain turf
Common Carlina Thistle Occasional. Lower valleys
Plume Knapweed Woods below Alp Grum
Greater Knapweed Meadows
Alpine Blue-sowthistle Woods and forests
Dwarf Thistle Occasional in pasture
Woolly Thistle Morteratsch
Yellow Melancholy Thistle Alp Grum
Melancholy Thistle Meadows
Marsh Thistle Damp places
Spiniest Thistle Mountain turf
Golden Hawk's-beard Common
Boccone's Hawk's-beard Damp pasture
Marsh Hawk's-beard Wet meadows
Clusius' Leopard's-bane Screes
Blue Fleabane Moraines
Alpine Fleabane Local
Neglected Fleabane Local
One-flowered Fleabane Local
Hemp Agrimony Lowland

Latin Name	Common Name	Notes
<i>Hieracium alpinum</i>	Alpine Hawkweed	Frequent
<i>Hieracium angustifolium</i>	Glacier Hawkweed	Morteratsch
<i>Hieracium hoppeanum</i>	Hoppe's Hawkweed	Stony places
<i>Hieracium intybaceum</i>	Whitish Hawkweed	Stony places. Morteratsch
<i>Hieracium murorum</i>	Few-leaved Hawkweed	Occasional
<i>Hieracium piliferum</i>	Hairy Hawkweed	Stony places
<i>Hieracium pilosum</i>	Fimbriate-pitted Hawkweed	Alpine rocks
<i>Hieracium prenanthoides</i>	Rough-leaved Hawkweed	Stony places
<i>Hieracium villosum</i>	Hairy Hawkweed	Stony pasture
<i>Homogyne alpina</i>	Alpine Colt's-foot	Common
<i>Hypochaeris uniflora</i>	Giant Cat's-ear	Alp Grum
<i>Jacobaea abrotanifolia</i>	Pinnate-leaved Ragwort	Local
<i>Jacobaea incana</i> subsp. <i>carniolica</i>	Carniolian Ragwort	Locally common
<i>Lapsana communis</i>	Nipplewort	Waste places
<i>Leontodon hispidus</i>	Alpine Hawkbit	Acidic pasture
<i>Leontopodium nivale</i> subsp. <i>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>Omalotheca norvegicum</i>	Norwegian Cudweed	Occasional in mountain pasture
<i>Omalotheca supinum</i>	Dwarf Cudweed	Snowbeds
<i>Petasites albus</i>	White Butterbur	Damp meadows
<i>Petasites paradoxus</i>	Alpine Butterbur	Mountain pasture
<i>Pilosella aurantiaca</i> ‡	Orange Hawkweed	Pontresina
<i>Pilosella lactucella</i>	Eared Mouse-ear Hawkweed	Common
<i>Pilosella officinarum</i>	Mouse-ear Hawkweed	Common
<i>Prenanthes purpurea</i>	Purple Lettuce	Forests
<i>Saussurea alpina</i>	Alpine Saw-wort	Mountain turf
<i>Scorzoneroideis autumnalis</i>	Autumn Hawkbit	Stony pasture
<i>Scorzoneroideis helvetica</i>	Swiss Hawkbit	Mountain turf
<i>Senecio doronicum</i>	Chamois 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> subsp. <i>minuta</i>	Goldenrod	Mountain rocks
<i>Taraxacum alpinum</i>	Alpine Dandelion	Mountain rocks
<i>Taraxacum officinale</i> agg.	Dandelion	Widespread
<i>Tolpis staticifolia</i>	Statice-leaved Hawkweed	Morteratsch
<i>Tragopogon pratensis</i>	Goat's-beard	Meadows
<i>Tussilago farfara</i>	Colt's-foot	Common. Damp rocky places
Betulaceae	Birch Family	
<i>Alnus glutinosa</i>	Common Alder	Valleys, by rivers
<i>Alnus incana</i>	Grey 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
<i>Corylus avellana</i>	Hazel	Cavaglia
Boraginaceae	Borage Family	
<i>Cerinthe glabra</i>	Smooth Honeywort	Rare on Limestone. Alp Nova

Latin Name	Common Name	Notes
<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 Forget-me-not	Common
<i>Myosotis scorpioides</i>	Water Forget-me-not	Pontresina
<i>Myosotis sylvatica</i>	Wood Forget-me-not	Woods
<i>Pulmonaria australis</i>	Southern Lungwort	Below Alp Grum. Pontresina
Brassicaceae	Cabbage Family	
<i>Arabis alpina</i> subsp. <i>alpina</i>	Alpine Rock-cress	Mountain rocks
<i>Arabis caerulea</i>	Blue Rock-cress	Screes and moraines
<i>Arabis ciliata</i>	Corymbose Rock-cress	Rocky places
<i>Arabis soyeri</i> subsp. <i>subcoriacea</i>	Soyer's Rock-cress	Rocky places
<i>Barbarea vulgaris</i>	Winter-cress	Pontresina
<i>Biscutella laevigata</i>	Buckler Mustard	Rocky places
<i>Capsella bursa-pastoris</i>	Shepherd's-purse	Widespread
<i>Cardamine alpina</i>	Alpine Bitter-cress	Acidic rocks and screes
<i>Cardamine amara</i>	Large Bitter-cress	Streamsides
<i>Cardamine resedifolia</i>	Mignonette-leaved Bitter-cress	Mountain rocks
<i>Draba aizoides</i>	Yellow Whitlowgrass	Rocky places on limestone
<i>Draba dubia</i>	Austrian Whitlowgrass	Acidic rocks. Corvatsch
<i>Draba fladnizensis</i>	Bald White Whitlowgrass	Alpine rocks
<i>Draba tomentosa</i>	Tomentose Whitlowgrass	Limestone rocks
<i>Hornungia alpina</i> subsp. <i>brevicaulis</i>	Chamois Cress	Mountain rocks
<i>Kernera saxatilis</i>	Rock Kerneria	Rocks
<i>Noccaea perfoliata</i>	Perfoliate Penny-cress	Near habitation
<i>Sisymbrium austriacum</i>	Austrian Rocket	Waste places
Campanulaceae	Bellflower Family	
<i>Campanula barbata</i>	Bearded Bellflower	Mountain turf
<i>Campanula cochleariifolia</i>	Fairy's-thimble	Mountain rocks
<i>Campanula glomerata</i>	Clustered Bellflower	Occasional. Meadows
<i>Campanula rapunculoides</i>	Creeping Bellflower	Woods. St Moritz
<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
<i>Phyteuma scheuchzeri</i>	Scheuchzer's Rampion	Cavaglia and Morteratsch
Caprifoliaceae	Honeysuckle Family	
<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 xylosteum</i>	Fly Honeysuckle	Woods
Caryophyllaceae	Pink Family	
<i>Arenaria biflora</i>	Two-flowered Sandwort	Acidic turf
<i>Cerastium alpinum</i>	Alpine Mouse-ear	Mountain turf
<i>Cerastium arvense</i> subsp. <i>strictum</i>	Field Mouse-ear	Frequent

Latin Name	Common Name	Notes
<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>Cherleria biflora</i>	Northern Sandwort	Limestone scree
<i>Cherleria sedoides</i>	Mossy Cyphel	Alpine rocks and turf
<i>Dianthus carthusianorum</i>	Carthusian Pink	Local. Open woodland
<i>Dianthus superbus</i>	Large 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>Moehringia ciliata</i>	Creeping Sandwort	Screes
<i>Sabulina verna</i>	Vernal Sandwort	Stony places
<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 meadows
<i>Silene rupestris</i>	Rock Campion	Rocks
<i>Silene vulgaris</i>	Bladder Campion	Meadows
<i>Stellaria holostea</i>	Greater Stichwort	Occasional
<i>Stellaria graminea</i>	Lesser Stichwort	Woods and meadows
<i>Stellaria media</i>	Common Chickweed	Occasional
<i>Stellaria nemorum</i>	Wood Stitchwort	Woods
Cistaceae	Rock-rose Family	
<i>Helianthemum nummularium</i> subsp. <i>grandiflorum</i>	Large-flowered Common Rockrose	Rocky places
<i>Helianthemum oelandicum</i> subsp. <i>alpestre</i>	Alpine Rockrose	Calcareous turf
Convolvulaceae	Bindweed Family	
<i>Cuscuta epithymum</i>	Dodder	Occasional
Crassulaceae	Stonecrop Family	
<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, Val Roseg
<i>Sedum atratum</i>	Dark Stonecrop	Mountain rocks
<i>Sedum dasyphyllum</i>	Thick-leaved Stonecrop	Walls and rocks
<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
Dipsacaceae	Teasel Family	
<i>Knautia dipsacifolia</i>	Wood Scabious	Shady places
<i>Scabiosa columbaria</i>	Small Scabious	Occasional
<i>Scabiosa lucida</i>	Shining Scabious	Meadows
Ericaceae	Heath Family	

Latin Name

Arctostaphylos uva-ursi
Arctous alpina
Calluna vulgaris
Empetrum nigrum subsp. *hermaphroditum*
Erica carnea
Kalmia procumbens
Moneses uniflora
Orthilia secunda
Pyrola minor
Pyrola rotundifolia
Rhododendron ferrugineum
Vaccinium myrtillus
Vaccinium uliginosum
Vaccinium vitis-idaea

Common Name

Bearberry
 Alpine Bearberry
 Ling
 Hermaphrodite Crowberry
 Spring Heath
 Trailing Azalea
 One-flowered Wintergreen
 Serrated Wintergreen
 Lesser Wintergreen
 Round-leaved Wintergreen
 Alpenrose
 Bilberry
 Bog Whortleberry
 Cowberry

Notes

Rocky pasture
 Limestone turf and screes
 Frequent
 Acidic heaths
 Limestone rocks
 Acidic heaths
 Forest
 Forest
 Forest
 Val da Fain, Alp Nova
 Common
 Common
 Common
 Common

Euphorbiaceae

Euphorbia cyparissias

Spurge Family

Cypress Spurge

Frequent on limestone

Fabaceae

Anthyllis vulneraria subsp. *alpestris*
Astragalus alpinus
Astragalus australis
Astragalus frigidus

Astragalus penduliflorus
Hedysarum hedysaroides
Hippocrepis comosa
Lathyrus pratensis
Lotus alpinus
Lotus corniculatus
Medicago lupulina
Medicago sativa ‡
Onobrychis arenaria
Onobrychis montana
Oxytropis campestris
Oxytropis jacquinii
Oxytropis lapponica
Trifolium alpinum
Trifolium badium
Trifolium montanum
Trifolium pallescens
Trifolium pratense
Trifolium repens
Trifolium thalii
Vicia cracca
Vicia sepium

Pea Family

Alpine Kidney Vetch
 Alpine Milk-vetch
 Southern Milk-vetch
 Pallid Milk-vetch

 Mountain Lentil
 Alpine Sainfoin
 Horseshoe Vetch
 Meadow Vetchling
 Alpine Bird's-foot Trefoil
 Bird's-foot Trefoil
 Black Medick
 Lucerne
 Small Sainfoin
 Mountain Sainfoin
 Yellow Milk-vetch
 Mountain Milk-vetch
 Northern Milk-vetch
 Alpine Clover
 Brown Clover
 Mountain Clover
 Pale Clover
 Red Clover
 White Clover
 Thal's Clover
 Tufted Vetch
 Bush Vetch

Mountain pasture
 Mountain turf
 Mountain turf on limestone
 Limestone pasture
 Pasture and stony places.
 Local
 Mountain pasture
 Common on limestone
 Meadows
 Mountain turf
 Meadows
 Common
 Pontresina
 Occasional. Pontresina
 Mountain pasture
 Common in pasture
 Stony places on limestone
 Stony places
 Common
 Mountain meadows
 Frequent
 Pasture and rocky places
 Meadows
 Common
 Mountain turf
 Frequent
 Occasional

Gentianaceae

Gentiana acaulis
Gentiana bavarica
Gentiana brachyphylla
Gentiana × *charpentieri* (*G. lutea* × *G. punctata*)
Gentiana lutea
Gentiana nivalis

Gentian Family

Trumpet Gentian
 Bavarian Gentian
 Short-leaved Gentian
 Charpentier's Gentian
 Great Yellow Gentian
 Snow Gentian

Mountain pasture
 Marshes
 Alpine turf
 With both parents
 Limestone pasture
 Mountain turf

Latin Name	Common Name	Notes
<i>Gentiana punctata</i>	Spotted Gentian	Mountain pasture
<i>Gentiana verna</i>	Spring Gentian	Common
<i>Gentianella campestris</i>	Field Gentian	Pasture
Geraniaceae	Crane's-bill Family	
<i>Geranium pyrenaicum</i>	Pyrenean Crane's-bill	Common
<i>Geranium robertianum</i>	Herb Robert	Common
<i>Geranium sylvaticum</i>	Wood Crane's-bill	Common
Globulariaceae	Globularia Family	
<i>Globularia cordifolia</i>	Matted Globularia	Frequent on limestone
<i>Globularia nudicaulis</i>	Leafless-stemmed Globularia	Frequent on limestone
Hypericaceae	St John's-wort Family	
<i>Hypericum maculatum</i>	Imperforate St John's-wort	Frequent
Lamiaceae	Dead-nettle Family	
<i>Ajuga pyramidalis</i>	Pyramidal Bugle	Locally common
<i>Ajuga reptans</i>	Common Bugle	Common
<i>Clinopodium alpinum</i>	Alpine Calamint	Rocky turf on limestone
<i>Clinopodium vulgare</i>	Wild Basil	Frequent
<i>Dracocephalum ruyschiana</i>	Northern Dragon-head	Open forest. Rare
<i>Galeopsis tetrahit</i>	Common Hemp-nettle	Occasional
<i>Horminum pyrenaicum</i>	Dragon-mouth	Val Minor
<i>Lamiastrum galeobdolon</i>	Yellow Archangel	Woods. Alp Grum
<i>Lamium album</i>	White Dead-nettle	Frequent
<i>Lamium amplexicaule</i>	Henbit Dead-nettle	Waste places
<i>Lamium purpureum</i>	Purple Dead-nettle	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 praecox</i> subsp. <i>polytrichus</i>	Wild Thyme	Common
Lentibulariaceae	Butterwort Family	
<i>Pinguicula alpina</i>	Alpine Butterwort	Damp mountain turf and rocks
<i>Pinguicula leptoceras</i>	Southern Butterwort	Wet flushes
Linaceae	Flax Family	
<i>Linum catharticum</i>	Fairy Flax	Common
Montiaceae	Blinks Family	
<i>Montia fontana</i>	Blinks	Springs
Onagraceae	Willowherb Family	
<i>Epilobium alpestre</i>	Whorled-leaved Willowherb	Frequent
<i>Epilobium alsinifolium</i>	Chickweed Willowherb	Frequent
<i>Epilobium anagallidifolium</i>	Alpine Willowherb	Frequent
<i>Epilobium angustifolium</i>	Rosebay Willowherb	Occasional
<i>Epilobium fleischeri</i>	Fleischer's Willowherb	River gravels and moraines
<i>Epilobium montanum</i>	Broad-leaved Willowherb	Occasional
Orobanchaceae	Bromrape Family	

Latin Name	Common Name	Notes
<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>Melampyrum pratense</i>	Common Cow-wheat	Forest
<i>Melampyrum sylvaticum</i>	Small Cow-wheat	Forest
<i>Pedicularis foliosa</i>	Leafy Lousewort	Local
<i>Pedicularis kernerii</i>	Kerner's Lousewort	Alpine turf
<i>Pedicularis oederi</i>	Crimson-tipped Lousewort	Alpine turf
<i>Pedicularis palustris</i>	Marsh Lousewort	Local in flushes
<i>Pedicularis recutita</i>	Beakless Red Lousewort	Rare. Wet pasture
<i>Pedicularis rostratospicata</i>	Flesh-pink Lousewort	Fuorcla Surlej
<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>	Glacier Yellow-rattle	Occasional
<i>Rhinanthus minor</i>	Yellow-rattle	Frequent
Oxalidaceae	Wood-sorrel Family	
<i>Oxalis acetosella</i>	Wood-sorrel	Shaded rocks
Papaveraceae	Poppy Family	
<i>Papaver aurantiacum</i>	Rhaetic Poppy	Scree. Local
<i>Papaver croceum</i> ‡	Islandic Poppy	River gravels.
Parnassiaceae	Grass-of-Parnassus Family	
<i>Parnassia palustris</i>	Grass-of-Parnassus	Damp flushes
Plantaginaceae	Plantain Family	
<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 maritima</i> subsp. <i>serpentina</i>	Fleshy Plantain	Frequent
<i>Plantago media</i>	Hoary Plantain	Occasional
Polemoniaceae	Jacob's-ladder Family	
<i>Polemonium caeruleum</i>	Jacob's-ladder	Limestone rocks
Polygalaceae	Milkwort Family	
<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
Polygonaceae	Dock Family	
<i>Bistorta officinalis</i>	Common Bistort	Meadows
<i>Bistorta vivipara</i>	Alpine Bistort	Common
<i>Oxyria digyna</i>	Mountain Sorrel	Rocks and screes
<i>Rumex acetosa</i>	Common Sorrel	Widespread
<i>Rumex acetosella</i>	Sheep's Sorrel	Acidic pasture
<i>Rumex alpestris</i>	Alpine Sorrel	Widespread

Latin Name

Rumex alpinus
Rumex obtusifolius
Rumex scutatus

Common Name

Monk's-rhubarb
 Broad-leaved Dock
 French Sorrel

Notes

Disturbed areas
 Occasional
 Screes and rocky places

Primulaceae

Androsace alpina
Androsace chamaejasme
Androsace obtusifolia
Lysimachia europaea
Lysimachia nemorum
Primula x berninae (*P. latifolia* x *P. hirsuta*)
Primula elatior
Primula farinosa
Primula halleri
Primula hirsuta
Primula integrifolia
Primula latifolia
Soldanella alpina
Soldanella pusilla

Primrose Family

Alpine Rock-jasmine
 Ciliate Rock-jasmine
 Blunt-leaved Rock Jasmine
 Chickweed Wintergreen
 Yellow Pimpernel
 A hybrid Primrose
 Oxlip
 Bird's-eye Primrose
 Long-flowered Primrose
 Hairy Primrose
 Entire-leaved Primrose
 Broad-leaved Primrose
 Alpine Snowbell
 Dwarf Snowbell

Alpine scree
 Frequent
 Limestone turf
 Gletschergaten
 Val Roseg
 Val Minor
 Snowbeds
 Mountain turf
 Rare. Below Alp Grum
 Mountain rocks
 Common. Wet turf
 Locally common
 Mountain turf
 Wet turf

Ranunculaceae

Aconitum lycoctonum subsp. *vulparia*
Aconitum napellus agg.

Anemone narcissiflora
Aquilegia alpina
Caltha palustris
Clematis alpina
Delphinium elatum
Pulsatilla alpina subsp. *apiifolia*
Pulsatilla vernalis
Ranunculus aconitifolius
Ranunculus acris
Ranunculus alpestris
Ranunculus glacialis
Ranunculus kuepferi
Ranunculus montanus
Ranunculus platanifolius
Ranunculus repens
Ranunculus villarsii
Thalictrum aquilegifolium
Thalictrum foetidum
Thalictrum minus
Trollius europaeus

Buttercup Family

Wolf's-bane
 Monk's-hood
 Narcissus-flowered
 Anemone
 Alpine Columbine
 Marsh Marigold
 Alpine Clematis
 Alpine Larkspur
 Alpine Pasqueflower
 Spring Pasqueflower
 Aconite-leaved Buttercup
 Meadow Buttercup
 Alpine Buttercup
 Glacier Crowfoot
 Kupfer's Buttercup
 Mountain Buttercup
 Maple-leaved Buttercup
 Creeping Buttercup
 Villars' Buttercup
 Great Meadow-rue
 Stinking Meadow-rue
 Lesser Meadow-rue
 Globeflower

Frequent. Forests and
 streamsides
 Damp pasture

 Mountain pasture
 Limestone pasture
 Flushes and streamsides
 Forest and pasture
 Pontresina
 Mountain pasture
 Mountain pasture
 Forest
 Common
 Rare
 Alpine scree
 Mountain turf
 Mountain turf
 Rare in open forest. Alp Grum
 Meadows
 Pasture
 Meadows
 Pasture
 Pasture
 Damp pasture

Rhamnaceae

Rhamnus pumilus

Buckthorn Family

Dwarf Buckthorn
 Limestone Rocks

Rosaceae

Alchemilla alpina
Alchemilla conjuncta
Alchemilla glabra
Alchemilla hybrida agg.
Alchemilla pentaphyllea

Rose Family

Alpine Lady's Mantle
 Silver Lady's Mantle
 Smooth Lady's Mantle
 Hybrid Lady's Mantle
 Cut-leaved Lady's Mantle

Common
 Frequent
 Frequent
 Occasional
 Damp mountain turf

Latin Name

Alchemilla vulgaris agg.
Alchemilla xanthochlora
Cotoneaster integerrima
Dryas octopetala
Fragaria vesca
Geum montanum
Geum reptans
Geum rivale
Potentilla anserina
Potentilla aurea
Potentilla crantzii
Potentilla erecta
Potentilla frigida
Potentilla grandiflora
Potentilla rupestris
Poterium sanguisorba
Prunus padus
Rosa canina
Rosa pendulina
Rubus idaeus
Rubus saxatilis
Sanguisorba officinalis
Sibbaldia procumbens
Sorbus aria
Sorbus aucuparia
Sorbus chamaemespilus

Rubiaceae

Asperula cynanchica
Cruciata laevipes
Galium anisophyllum
Galium boreale
Galium odoratum
Galium pumilum
Galium verum

Salicaceae

Populus tremula
Salix appendiculata
Salix breviserrata
Salix caprea
Salix daphnoides
Salix eleagnos
Salix foetida
Salix glaucosericea
Salix hastata
Salix herbacea
Salix myrsinifolia
Salix purpurea
Salix reticulata
Salix retusa
Salix serpyllifolia

Santalaceae**Common Name**

Lady's-mantle
Pale Lady's-mantle
Wild Cotoneaster
Mountain Avens
Wild Strawberry
Alpine Avens
Creeping Avens
Water Avens
Silverweed
Golden Cinquefoil
Alpine Cinquefoil
Tormentil
Glacier Cinquefoil
Large-flowered Cinquefoil
Rock Cinquefoil
Salad Burnet
Bird Cherry
Dog-rose
Alpine Rose
Raspberry
Stone Bramble
Great Burnet
Sibbaldia
Whitebeam
Rowan
False-medlar

Madder Family

Squinancywort
Crosswort
Dwarf Bedstraw
Northern Bedstraw
Woodruff
Slender Bedstraw
Lady's Bedstraw

Willow Family

Aspen
Large-leaved Willow
Finely-toothed Willow
Goat Willow
Violet Willow
Hoary Willow
Stinking Willow
Silky Willow
Large-stipuled Willow
Least willow
Dark-leaved Willow
Purple Willow
Net-leaved Willow
Retuse-leaved Willow
Thyme-leaved Willow

Bastard-toadflax Family**Notes**

Common
Frequent
Rocks
Mountain rocks and scree
Woods and pasture
Mountain turf
Alpine rocks and scree
Occasional. Wet places
Waste places
Occasional. Mountain turf
Common. Mountain turf
Acidic turf
Acidic alpine rocks
Acidic pasture
Local
Widespread
Near Hotel Palu
Wooded slopes
Frequent. Mountains
Woods
Occasional. Rocky places
Meadows
Stony places in mountains
Occasional in forest
Woods and scrub
Mountain scrub

Limestone rocks
Meadows
Frequent
Occasional. Grassy places
Woods
Frequent
Meadows

Occasional
Morteratsch
Occasional
Lowland woods
Morteratsch
Occasional. Streamsides
Val da Fain
Occasional
Occasional
Mountain turf
Morteratsch
Morteratsch
Mountain rocks and turf
Mountain rocks and turf
Mountain rocks and turf

Latin Name	Common Name	Notes
<i>Thesium alpinum</i>	Alpine Bastard-toadflax	Occasional. Pasture
<i>Thesium pyrenaicum</i>	Pyrenean Bastard-toadflax	Rocky pasture
Saxifragaceae	Saxifrage Family	
<i>Chrysosplenium alternifolium</i>	Alternate-leaved Golden-saxifrage	Occasional. Wet places
<i>Micranthes stellaris</i> subsp. <i>robusta</i>	Starry Saxifrage	Wet acidic flushes
<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
Scrophulariaceae	Figwort Family	
<i>Verbascum nigrum</i>	Dark Mullein	Lowland
Tamaricaceae	Tamarisk Family	
<i>Myricaria germanica</i>	German Tamarisk	River gravels. Morteratsch
Thymelaeaceae	Mezereon Family	
<i>Daphne mezereon</i>	Mezereon	Limestone rocks. Local
<i>Daphne striata</i>	Striped Daphne	Stony pasture
Urticaceae	Nettle Family	
<i>Urtica dioica</i>	Common Nettle	Widespread
Valerianaceae	Valerian Family	
<i>Valeriana montana</i>	Mountain Valerian	Limestone rocks
<i>Valeriana officinalis</i>	Common Valerian	Damp meadows
<i>Valeriana tripteris</i>	Three-leaved Valerian	Woods
Veronicaceae	Speedwell Family	
<i>Chaenorhinum minus</i>	Small Toadflax	Railway tracks
<i>Digitalis grandiflora</i>	Large Yellow Foxglove	Local. Woods
<i>Linaria alpina</i>	Alpine Toadflax	Screes and rocky places
<i>Linaria vulgaris</i>	Common Toadflax	Below Alp Grum
<i>Veronica alpina</i>	Alpine Speedwell	Stony pasture
	Leafless-stemmed Speedwell	
<i>Veronica aphylla</i>	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>	A Rock Speedwell	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
Viburnaceae	Viburnum Family	
<i>Sambucus nigra</i>	Common Elder	Woods

Latin Name	Common Name	Notes
<i>Sambucus racemosa</i>	Alpine Elder	Frequent
Violaceae	Violet Family	
<i>Viola biflora</i>	Yellow Wood Violet	Common
<i>Viola calcarata</i>	Long-spurred Pansy	Locally common
<i>Viola palustris</i>	Marsh Violet	Common
<i>Viola pinnata</i>	Finger-leaved Violet	Chantarella
<i>Viola riviniana</i>	Common Dog-violet	Common
<i>Viola rupestris</i>	Teesdale Violet	Limestone meadows
<i>Viola tricolor</i>	Wild Pansy	Waste places
MONOCOTYLEDONS		
Amaryllidaceae	Daffodil Family	
<i>Allium schoenoprasum</i>	Chives	Occasional
<i>Allium victorialis</i>	Alpine Leek	Alp Grum, Alp Nova
Asparagaceae	Asparagus Family	
<i>Convallaria majalis</i>	Lily-of-the-Valley	Occasional
<i>Maianthemum bifolium</i>	May Lily	Forests
<i>Polygonatum verticillatum</i>	Whorled Solomon's Seal	Woods and Juniper scrub
Colchicaceae	Meadow Saffron Family	
<i>Colchicum autumnale</i>	Meadow Saffron	Occasional. Meadows
Cyperaceae	Sedge Family	
<i>Carex atrata</i> subsp. <i>aterrima</i>	Black Alpine Sedge	Wet pasture. Frequent
<i>Carex atrata</i> subsp. <i>atrata</i>	Black Alpine Sedge	Frequent
<i>Carex canescens</i>	White Sedge	Wet heaths
<i>Carex capillaris</i>	Hair Sedge	Rocky places
<i>Carex curvula</i>	An alpine Sedge	Locally dominant
<i>Carex davalliana</i>	Davall's Sedge	Frequent
<i>Carex dioica</i>	Dioecious Sedge	Calcareous flushes. Val Minor
<i>Carex echinata</i>	Star Sedge	Common
<i>Carex ferruginea</i>	Rusty Sedge	Locally dominant on limestone
<i>Carex flacca</i>	Glaucous Sedge	Common
<i>Carex flava</i>	Large Yellow-sedge	Fen. Cavaglia
<i>Carex frigida</i>	Ice Sedge	Moraines. Morteratsch
<i>Carex lachenalii</i>	Hare's-foot Sedge	Wet acid rocks
<i>Carex leporina</i>	Oval Sedge	Moraines. Morteratsch
<i>Carex microglochin</i>	Bristle Sedge	Base-rich flushes
		Limestone grassland. Val Minor
<i>Carex montana</i>	Soft-leaved 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>Carex parviflora</i>	Small-flowered Sedge	Frequent
<i>Carex pauciflora</i>	Few-flowered Sedge	Oligotrophic flushes
		Occasional. Calcareous flushes
<i>Carex pulicaris</i>	Flea sedge	Swamps and lake margins
<i>Carex rostrata</i>	Bottle Sedge	Limestone scree
<i>Carex rupestris</i>	Rock Sedge	Common
<i>Carex sempervirens</i>	Evergreen Sedge	Common
<i>Carex simpliciuscula</i>	False-sedge	Base-rich alpine flushes

Latin Name

Eriophorum angustifolium
Eriophorum latifolium
Eriophorum scheuchzeri
Eriophorum vaginatum
Trichophorum cespitosum

Common Name

Common Cottongrass
 Broad-leaved Cottongrass
 Scheuchzer's Cottongrass
 Hare's-tail Cottongrass
 Northern Deergrass

Notes

Common
 Wet places
 Lakes and pools
 Occasional
 Common

Juncaceae

Juncus alpinoarticulatus
Juncus arcticus
Juncus filiformis
Juncus jacquinii
Juncus trifidus
Juncus triglumis
Luzula alpinopilosa
Luzula lutea
Luzula luzuloides
Luzula multiflora
Luzula nivea
Luzula spicata
Luzula sudetica
Luzula sylvatica

Rush Family

Alpine Rush
 Arctic Rush
 Thread Rush
 Jacquin's Rush
 Three-leaved Rush
 Three-flowered Rush
 Alpine Wood-rush
 Yellow wood-rush
 White Wood-rush
 Heath Wood-rush
 Snowy Wood-rush
 Spiked Wood-rush
 Sudetic Wood-rush
 Great Wood-rush

Wet mountain pastures
 Alluvium. Rare. Val Roseg
 Occasional
 Frequent
 Acidic turf
 Wet flushes. Val da Fain
 Mountain pasture
 Mountain pasture
 Woods
 Mountain pasture
 Mountain pasture
 Occasional
 Woods

Juncaginaceae

Triglochin palustris

Arrowgrass Family

Marsh Arrowgrass

Local. Wet flushes

Liliaceae

Gagea serotina
Lilium martagon
Streptopus amplexifolius

Lily Family

Snowdon Lily
 Martagon Lily
 Streptopus

Mountain turf
 Woods
 Woods. Cavaglia

Melanthiaceae

Veratrum album

Herb-Paris Family

White False-helleborine

Mountain pasture

Orchidaceae

Chamorchis alpina
Corallorhiza trifida
Dactylorhiza incarnata subsp. *cruenta*
Dactylorhiza maculata subsp. *fuchsii*
Dactylorhiza maculata subsp. *maculata*
Dactylorhiza majalis
Dactylorhiza viridis
Gymnadenia conopsea
Gymnadenia miniata

Gymnadenia odoratissima
Gymnadenia rhellicani
Neottia ovata
Orchis mascula
Platanthera bifolia
Platanthera chlorantha
Pseudorchis albida
Traunsteinera globosa

Orchid Family

Dwarf Orchid
 Coralroot Orchid
 Flecked Marsh-orchid
 Common Spotted-orchid
 Heath Spotted-orchid
 Broad-leaved Marsh-orchid
 Frog Orchid
 Fragrant-orchid
 Red Vanilla Orchid
 Short-spurred Fragrant-orchid
 Alpine Vanilla Orchid
 Twayblade
 Early-purple Orchid
 Lesser Butterfly-orchid
 Greater Butterfly-orchid
 Small-white Orchid
 Round-headed Orchid

Scree and mountain turf.
 Local
 Forests
 Calcareous flushes. Local
 Common
 Common
 Wet pasture. Common
 Frequent
 Common
 Locally common

 Locally common
 Locally common
 Occasional. Meadows
 Locally common
 Local. Grassland
 Above St Moritz
 Common
 Local. Chantarella

Poaceae**Grass Family**

Latin Name	Common Name	Notes
<i>Agropyron repens</i>	Common Couch	Waste places
<i>Agrostis capillaris</i>	Common Bent	Common
<i>Agrostis rupestris</i>	Northern Bent	Common
<i>Agrostis stolonifera</i>	Creeping Bent	Common
<i>Alopecurus pratensis</i>	Meadow Foxtail	Common in lower meadows
<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>Avenella flexuosa</i>	Wavy Hair-grass	Common
<i>Brachypodium pinnatum</i>	False Brome	Occasional
<i>Briza media</i>	Quaking-grass	Common
<i>Bromus hordeaceus</i>	Soft Brome	Lowland
<i>Calamagrostis epigejos</i>	Wood Small-reed	Val Roseg
<i>Calamagrostis varia</i>	Variable Small-reed	Gletschergarten
<i>Calamagrostis villosa</i>	Shaggy Small-reed	Alluvial habitats
<i>Cynosurus cristatus</i>	Crested Dog's-tail	Meadows
<i>Dactylis glomerata</i>	Cock's-foot	Waste places
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	Wet turf. Common
<i>Festuca ovina</i>	Sheep's-fescue	Common
<i>Festuca rubra</i>	Red Fescue	Common
<i>Festuca violacea</i>	Violet Fescue	Mountains. Common
<i>Glyceria fluitans</i>	Floating Sweet-grass	Lej Pitschen
<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 Rye-grass	Waste places
<i>Melica nutans</i>	Mountain Melick	Frequent
<i>Molinia caerulea</i>	Purple Moor-grass	Oligotrophic flushes
<i>Nardus stricta</i>	Mat-grass	Common
<i>Oreochloa disticha</i>	Two-lined Moor-grass	Alpine Rocks
<i>Phleum alpinum</i>	Alpine Cat's-tail	Frequent
<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>Schedonorus pratensis</i>	Meadow Fescue	Common
<i>Sesleria caerulea</i>	Blue Moor-grass	Limestone

Tofieldiaceae*Tofieldia calyculata***Scottish Asphodel Family**

Tofield's Asphodel Common

‡ = cultivated or naturalised

Birds (H = Heard only)

Common name	Latin name	July 2022							
		10	11	12	13	14	15	16	17
Common Swift	<i>Apus apus</i>		✓	✓	✓	✓	✓		
Eurasian Coot	<i>Fulica atra</i>						✓		

Grey Heron	<i>Ardea cinerea</i>							✓	
Bearded Vulture	<i>Gypaetus barbatus</i>		✓						
Spotted Nutcracker	<i>Nucifraga caryocatactes</i>		H				H		
Alpine Chough	<i>Pyrrhocorax graculus</i>			✓	✓				
Carion Crow	<i>Corvus corone</i>		✓	✓	✓		✓		
Northern Raven	<i>Corvus corax</i>		H		✓	✓			
Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>		✓						
Common Chiffchaff	<i>Phylloscopus collybita</i>		H						
Eurasian Blackcap	<i>Sylvia atricapilla</i>		H						
Garden Warbler	<i>Sylvia borin</i>		H						
Common Blackbird	<i>Turdus merula</i>					✓	✓		
Fieldfare	<i>Turdus pilaris</i>		✓	✓	✓	✓	✓		
Black Redstart	<i>Phoenicurus ochrurus</i>		✓		✓	✓			
Northern Wheatear	<i>Oenanthe oenanthe</i>		✓	✓	✓				
White-throated Dipper	<i>Cinclus cinclus</i>			✓					
House Sparrow	<i>Passer domesticus</i>		✓	✓	✓	✓	✓		
Alpine Accentor	<i>Prunella collaris</i>					H			
White Wagtail	<i>Motacilla alba</i>		✓						
Water Pipit	<i>Anthus spinoletta</i>			✓					
Common Chaffinch	<i>Fringilla coelebs</i>		✓	✓	✓	✓	✓		
Common Linnet	<i>Linaria cannabina</i>			✓					
Red Crossbill	<i>Loxia curvirostra</i>		✓						
European Goldfinch	<i>Carduelis carduelis</i>				✓				
European Serin	<i>Serinus serinus</i>				H				

Others

		July 2022									
Common name	Latin name	10	11	12	13	14	15	16	17		
Mammals											
Red Squirrel	<i>Sciurus vulgaris</i>				✓		✓				
Alpine Marmot	<i>Marmota marmota</i>			✓	✓	✓		✓			
Alpine Chamois	<i>Rupicapra rupicapra</i>		✓								
Amphibians											
Common Frog	<i>Rana temporaria</i>			✓	✓						
Butterflies											
Apollo	<i>Parnassius apollo</i>		✓								
Large Skipper	<i>Ochlodes sylvanus</i>		✓								
Brimstone	<i>Gonepteryx rhamni</i>		✓								
Black-veined White	<i>Aporia crataegi</i>		✓								
Large White	<i>Pieris brassicae</i>					✓					
Purple-edged Copper	<i>Lycaena hippothoe</i>		✓			✓					
Shepherd's Fritillary	<i>Boloria pales</i>		•	✓							
Pearl-bordered Fritillary	<i>Boloria euphrosyne</i>		✓								
Painted Lady	<i>Vanessa cardui</i>		✓								
Red Admiral	<i>Vanessa atalanta</i>		✓		✓	✓	✓				
Small Tortoiseshell	<i>Aglais urticae</i>					✓	✓				
Alpine Heath	<i>Coenonympha gardetta</i>		✓	✓	✓						
Piedmont Ringlet	<i>Erebia meolans</i>		✓								
Arran Brown	<i>Erebia ligea</i>		✓								

		July 2022								
Common name	Latin name	10	11	12	13	14	15	16	17	
Moths										
Six-spot Burnet	<i>Zygaena filipendulae</i>						✓	✓		
Forester	<i>Adscita statices</i>		✓							
Other Insects										
Wartbiter Cricket	<i>Decticus verrucivorus</i>		✓							