Switzerland - Alpine Flowers of the Upper Engadine

Naturetrek Tour Report

30 June - 7 July 2019





Primula latifolia

Pulsatilla alpina subsp. apiifolia







Val Minor

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Day 1

Sunday 30th June

Once we had all assembled at Zurich airport, we made our way to the station, to catch the train to Zurich main station. We transferred to the intercity express and settled down for a comfortable journey down to Chur. We changed, here, to the regional train, for the most exciting part of our journey, on the UNESCO World Heritage Albula railway through the Alps. After passing through the long Preda tunnel, we entered the Engadine and made a third change, at Samedan, for the short ride to Pontresina. We arrived at our hotel at 8.00pm where we enjoyed a lovely evening meal, before a brief outline of the plans for the week.

Day 2

Monday 1st July

After a 20-minute walk from the hotel, we caught the 9.07am train, at Surovas. We travelled south along the length of Val Bernina, across the watershed, beside the milky waters of Lago Bianco, and alighted at Alp Grum. As it was our first day, there were lots of plants to discover, and we made slow progress. We found good specimens of St Bruno's Lily *Paradisea liliastrum*, the pale-yellow Alpine Leek *Allium victorialis* and the huge yellow flowers of Giant Cat's-ear *Hypochaeris uniflora*. Our first orchids included Alpine Vanilla Orchid *Gymnadenia rhellicani*, Frog Orchid *Dactylorhiza viridis* and Small-white Orchid *Pseudorchis albida*. We lingered over coffee, at the Belvedere, taking in the views of the Palu Glacier and the Poschiavo Valley, to the south. It was a surprise and a thrill to see a Lammergeier, gliding low over our heads.

From the station, we descended through the forest, where typical plants included Wood Crane's-bill Geranium sylvaticum, Martagon Lily Lilium martagon, Whorled Solomon's-seal Polygonatum verticillatum and Monk's-hood Aconitum napellus agg. We had lunch, at 1.00pm, by the railway line, before continuing down an easy trail, through the forest, where we found Large-flowered Foxglove Digitalis grandiflora and the showy Carthusian Pink Dianthus carthusianorum. There were a few butterflies, including Swallowtail, Little Blue, Painted Lady, Red Admiral and the uncommon Cynthia'a Fritillary, and we heard Common Chiffchaff and Common Firecrest, in the trees. On the forest floor, we had just found a small colony of the parasitic Coralroot Orchid Corallorhiza trifida, when, without warning, it started to rain heavily. We dived for cover, under the trees, where to our surprise we found One-flowered Wintergreen Moneses uniflora. The rain continued, unabated, so we made a dash for the restaurant, in the village. We were already pretty wet, but passed the time over hot drinks, while a hail storm raged outside. Eventually, when there appeared to be no hope of the weather improving, we abandoned our plan to visit the Gletchergarten and ran for the railway station, to catch the train back to Surovas.

Day 3

Tuesday 2nd July

With the sun back out, we travelled by train to Bernina Lagalb and crossed the road to the foot of Val Minor. Here we found rich plant communities, influenced by the limestones of the neighbouring Piz Alv. Among the boulders, we found Jacob's-ladder *Polemonium caeruleum*, the sweetly-scented Striped Daphne *Daphne striata* and pale-blue Matted Globularia *Globularia cordifolia*. In the turf were many flowers of Frog Orchid, Alpine Vanilla Orchid and the pink-flowered *Gymnadenia miniata*. Early-season butterflies included Orange Tip, Small Tortoiseshell, Alpine Heath, Alpine Marsh Fritillary and a Large Blue. On a steep, rocky slope, there was a colourful mixture of Large-flowered Common Rockrose, *Helianthemum nummularium* subsp. *grandiflorum*, Alpine

Rockrose Helianthemum oelandicum subsp. alpestre and Alpine Gypsophila Gypsophila repens, while, nearby, a damp gully contained hundreds of deep-purple flower spikes of Dragon-mouth Horminum pyrenaicum.

Beyond here, we made steady progress up the valley, passing patches of blue Spring Gentian Gentiana verna, pink Moss Campion Silene acaulis and a herd of contented cattle. A little higher, there were large clumps of Spiniest Thistle Cirsium spinosissimum, patches of Spotted Gentian Gentiana punctata and yellow Alpine Pasqueflower Pulsatilla alpina subsp. apiifolia. We stopped for lunch around 1.00pm, before continuing to the lakes, towards the top of the valley. Among the jumble of boulders, our attention was drawn to prominent yellow patches of Creeping Avens Geum reptans, with reddish strawberry-like runners and the young unfurling leaves of White-leaved Adenostyles Adenostyles leucophylla. Our first primroses were Broad-leaved Primrose Primula latifolia, with deep-purple flowers on a tall, one-sided scape and the pink Entire-leaved Primrose Primula integrifolia. It wasn't long before we found a plant, with intermediate characters, that represented the hybrid between the two, Primula *muretiana. Related to the primroses, the delicate-looking Dwarf Snowbell Soldanella pusilla, was just starting to flower, in the sodden turf.

Around Lej Minor, the largest of the lakes, we negotiated a large area of drifted snow and then climbed fairly steeply, to the top of the pass. The hillsides, up here, were covered in beautiful drifts of Alpine Pasqueflower and bold clumps of Trumpet Gentian *Gentiana acaulis*, all in perfect condition. As we rounded a corner, Piz Cambrena and Piz Bernina came into view and, from here, we followed a broad trail to the Bernina Pass and the railway at Ospizio Bernina, where we caught our return train.

Day 4

Wednesday 3rd July

We were back on our familiar 9.07 train and got off, one station up the line, at Morteratsch. In the late 1800's the glacier almost reached the railway station, but today, we had over four kilometres to walk, to reach the melting ice. Among the many interesting plants, along the way, we found large patches of Lesser Wintergreen *Pyrola minor*, under the trees, and some nice fresh flowers of Coralroot Orchid. The large grey leaves and fluffy pink flowers of *Adenostyles leucophylla* were particularly striking, along the edges of the streams, and among bushes of Alpenrose *Rhododendron ferrugineum*, there was a colourful mixture of Cobweb Houseleek *Sempervivum arachnoideum*, Alpine Kidney Vetch *Anthyllis vulneraria* subsp. *alpestris*, Mossy Saxifrage *Saxifraga bryoides* and various hawkweeds. We were able to get very close to the wasting ice of the rapidly retreating glacier and the torrents of melt-water flowing from its base.

Light rain fell, for an hour or so around lunchtime, but we remained dry, under the shelter of the railway platform. Some chose to return to the hotel at this point, while the rest of us took the train to Ospizio Bernina. We followed the railway-line, along the shore of Lago Bianco, passing colourful banks of flowers. New to us were Rhaetian Rampion *Phyteuma hedraianthifolium* and the yellow Rhaetic Poppy *Papaver aurantiacum*. Beyond the dam, we descended into the forest and emerged at the Belvedere, where, this time, we were even more fortunate, and saw two Lammergeiers.

Day 5

Thursday 4th July

The morning was clear and sunny, so we took the train to Diavolezza and the cable-car to the top. From the 2,940-metre viewpoint, we had awe-inspiring views of the summits of Piz Palu, Piz Bernina and Piz Morteratsch

and the sinuous lines of the Pers and Morteratsch Glaciers, flowing from their respective ice-fields. This was the realm of truly high-alpine plants, physiologically adapted to a short growing season, high levels of insolation and low temperatures. Along the ridge, were large specimens of *Primula latifolia* and Glacier Crowfoot *Ranunculus glacialis* was in spectacular flower. White-winged Snowfinch and Alpine Accentor flitted around the slopes. On the rocks, we found intense-blue mats of King-of-the-Alps *Eritrichium nanum*, pink Alpine Rock-jasmine *Androsace alpina*, Orbiculate-leaved Gentian *Gentiana orbicularis* and Globularia-leaved Rampion *Phyteuma globularifolia*, wedged into narrow crevices in the rocks.

On returning to the valley, we crossed the road, to the lower part of Val da Fain, where we had lunch. Around us, the springs and wet flushes formed a complex mosaic of habitats, with a range of plants, not commonly found elsewhere. Most spectacular were the large numbers of Flecked Marsh-orchid *Dactylorhiza incarnata* subsp. cruenta and Marsh Lousewort *Pedicularis palustris*. Less obvious, and requiring a little searching, were Marsh Arrowgrass *Triglochin palustris*, Dioecious Sedge *Carex dioica*, Bristle Sedge *Carex microglochin*, False-sedge *Carex simpliciuscula* and Few-flowered Spike-rush *Eleocharis quinqueflora*.

An ominous cloud had been approaching us up the valley and, as we set off to explore, a heavy shower started and the overhead power line was stuck by lightening, with a load crack. That was enough to send half of the group back to the railway station! The rest of us persevered and the rain held off, for a while. Higher up the slope, we found Large Pink Dianthus superhus, deep-blue Bavarian Gentian Gentiana bavarica and the sombre Beakless Red Lousewort Pedicularis recutita, in the mire. The jumble of boulders that had tumbled down from Piz Alv had an amazing variety of plants, growing on and around them. Martagon Lily was just starting to flower and there were bold clumps of Jacob's-ladder, Stinking Meadow-rue Thalictrum foetidum and the occasional tangle of Alpine Clematis Clematis alpina. Pride of place went to large groups of Alpine Aquilegia Aquilegia alpina, with huge blue bicoloured flowers. Around the boulders there were tall plants of yellow gentians. Some were typical Great Yellow Gentian Gentiana lutea, with broad, greyish, pleated leaves but several were clearly the hybrid Charpentier's Gentian Gentiana × charpentieri, with characters intermediate between Gentiana lutea and Gentiana punctata, which we found growing on more acidic soils, further down the slope.

When rain returned, we walked down to the railway at Bernina Suot, to catch the train. In Pontresina, the weather was clear and there were new plants to be found around the hotel. These included Wood Pink *Dianthus sylvestris*, the rare Northern Dragon-head *Dracocephalum ruyschiana* and Field Gentian *Gentianella campestris*, which brought the day's gentian total to a respectable 10 species.

Day 6 Friday 5th July

For our longest walk of the week we were fortunate to have good weather, and we enjoyed perfect sunshine and no wind. Taking the bus through St Moritz and Silvaplana to Surlej, we boarded the Corvatsch cable-car for the exciting ride to the top station at 3,300 metres. In the clear air, we had uninterrupted views of the Alps, in all directions. Even at this high altitude, Austrian Whitlowgrass *Draba dubia* and Bald White Whitlowgrass *Draba fladnizensis* were flowering in cracks in the concrete. From the intermediate station at Murtel, we followed a broad track to Fuorcla Surlej, through the jumble of moraines and boulder-fields, left behind by the retreating Corvatsch glacier. On these cold slopes, there were new plants to discover, including Sibbaldia *Sibbaldia procumbens*, Seguier's Saxifrage *Saxifaga seguieri*, Scree Saxifrage *Saxifraga androsacea* and Purple Saxifrage *Saxifraga oppositifolia*. *Soldanella pusilla* and *Primula integrifolia* were at their photogenic best and covered wide areas, across the

thin wet turf. Dinner-plate sized clumps of *Primula latifolia* and tiny patches of electric-blue *Eritichium nanum* shone out from the cliffs.

At the col, there was still a lot of snow, and we enjoyed lunch, overlooking the panorama of snowy peaks and ice-fields at the head of Val Roseg. As we descended into the valley, the scenery was breathtaking and there was a gradual change in the flora as we lost altitude. The gaudy primroses, pristine clumps of yellow Alpine Pasqueflower and close mats of Trailing Azalea *Kalmia procumbens* soon gave way to Musk Milfoil *Achillea erbarotta*, Bearded Bellflower *Campanula barbata* and carpets of Alpine Clover *Trifolium alpinum*. After a forested section, we eventually emerged at the Roseg Hotel, where several of the party were more than relieved to take a horse-drawn carriage down to Pontresina. The rest of us enjoyed a coffee at the hotel before setting off on the 7 kilometre trail. It was a pleasant stroll through an enchanting forest of lichen-festooned Arolla Pine *Pinus cembra*, with extensive colonies of Twinflower *Linnaea borealis* and May Lily *Maianthemum bifolium*, covering mossy banks and boulders.

Day 7

Saturday 6th July

For our final full day, we took the bus to St. Moritz, followed by the two-stage funicular railway to Corviglia and, finally, the cable-car to Piz Nair. After coffee, we ventured a little way down the mountain, where we marvelled at a beautiful natural rock garden of purple Alpine Toadflax *Linaria alpina*, yellow Glacier Cinquefoil *Potentilla frigida*, pink *Androsace alpina* and bright-blue *Eritrichium nanum*. The combination of these exquisite alpine gems, set against the lichen-encrusted rock, was delightful. Before leaving Piz Nair, some of us climbed the short distance to the summit, where there were many more delightful plants and superb views.

We returned to Corviglia and walked a little way down the mountain, before stopping for lunch, overlooking the lakes. We continued 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 Edelweiss *Leontopodium nivale* subsp. alpinum, Blue Saxifrage Saxifraga caesia Alpine Sainfoin Hedysarum hedysaroides and Southern Milk-vetch Astragalus australis. There were huge numbers of Fragrant-orchid Gymnadenia conopsea and Short-spurred Fragrant-orchid Gymnadenia odoratissima, in the turf and we found little colonies of Dwarf Orchid Chamorchis alpina, and both Lesser Wintergreen Pyrola minor and Round-leaved Wintergreen Pyrola rotundifolia.

After passing under the railway, we crossed wet pasture, with swathes of Common Cottongrass *Eriophorum* angustifolium and abundant Broad-leaved Marsh-orchid *Dactylorhiza majalis*. Just before a final forested section, there was a most colourful combination of vibrant-pink Mountain Sainfoin *Onobrychis montana*, Fragrant-orchid and Lesser Butterfly-orchid *Platanthera bifolia*, which included our last orchid, the distinctive Round-headed Orchid *Traunsteinera globosa*. Cloud been building steadily through the afternoon and we just got back to St Moritz, before the heavens opened. We had drinks in the opulent, Cafe Haselmann, while it rained heavily outside for the next hour. Once it cleared, we took the bus back to Pontresina.

Day 8

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Sunday 7th July

After breakfast and packing, we had time for a short walk into the forest, near the hotel. We thanked the hotel staff for their tireless efforts to make our stay such a pleasant one, before being driven down to the station. The scenic journey back to Zurich went smoothly, leaving plenty of time to check in for the return flight to London.

Species Lists

Selaginella helvetica

Selaginella selaginoides

Plants (‡ = cultivated or naturalised)

Latin Name Common Name Notes PTERIDOPHYTES FERNS AND FERN ALLIES Aspleniaceae Spleenwort Family Walls Asplenium ruta-muraria Wall-rue Asplenium septentrionale Forked Spleenwort Rare on rocks Maidenhair Spleenwort Walls and cliffs Asplenium trichomanes Asplenium viride Green Spleenwort Damp mountain rocks **Athyriaceae** Lady-fern Family Athyrium distentifolium Alpine Lady-fern Mountain rocks Athyrium filix-femina Lady-fern Occasional Cystopteridaceae **Bladder-fern Family** Brittle Bladder-fern Frequent on rocks Cystopteris fragilis Oak Fern Gymnocarpium dryopteris Woods. Local Gymnocarpium robertianum Limestone Fern Calcareous scree Dennstaedtiaceae **Bracken Family** Pteridium aquilinum Bracken Valley wooodland Dryopteridaceae **Buckler-fern Family** Narrow Buckler-fern Dryopteris carthusiana Damp scrub Dryopteris dilatata Broad Buckler-fern Frequent Male-fern Widespread Dryopteris filix-mas Holly-fern Mountain rocks Polystichum Ionchitis **Equisetaceae Horsetail Family** Equisetum hyemale Rough Horsetail Limestone turf. Val da Fain Equisetum palustre Marsh Horsetail Wet pasture Woods and wet pasture Equisetum sylvaticum Wood Horsetail Equisetum variegatum Variegated Horsetail Wet flushes **Clubmoss Family** Lycopodiaceae Diphasiastrum alpinum Alpine Clubmoss Occasional. Mountain turf Huperzia selago Fir Clubmoss Frequent. Acidic pasture Lycopodium annotinum Interrupted Clubmoss Rare. Forest. Alp Grum Adder's-tongue Family **Ophioglossaceae** Botrychium Iunaria Moonwort Common in short turf Polypodiaceae **Polypody Family** Polypodium vulgare Common Polypody Occasional on rocks Pteridaceae Maidenhair Fern Family Cryptogramma crispa Parsley Fern Acidic rocks and screes Selaginellaceae **Lesser Clubmoss Family**

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Swiss Clubmoss

Lesser Clubmoss

Mountain turf. Bernina Lagalb

Frequent in turf

Thelypteridaceae Marsh Fern Family

Phegopteris connectilis Beech Fern Woods. Occasional

Woodsiaceae Cliff Fern Family

Woodsia ilvensis Oblong Woodsia Rare on scree

GYMNOSPERMS CONIFERS

Cupressaceae Juniper Family

Juniperus communis var. saxatilis Common Juniper Common

Pinaceae Pine Family

Abies alba European Silver-fir Occasional in forests

Larix decidua Larch Occasional

Picea abies Norway Spruce Common in northern valleys

Pinus cembra Arolla Pine Forests

Pinus sylvestris Scots Pine Common in northern valleys

ANGIOSPERMS FLOWERING PLANTS

DICOTYLEDONS

Amaranthaceae Goosefoot Family

Blitum bonus-henricus Good-King-Henry Frequent weed

Apiaceae Carrot Family

Aegopodium podagraria Ground Elder Waste places

Angelica sylvestris Wild Angelica Occasional. Lower valleys

Anthriscus sylvestris Cow Parsley Common ruderal

Astrantia minor Lesser Astrantia Common

Bupleurum stellatum Starry Hare's-ear Locally common

Carum carvi Caraway Tracksides

Chaerophyllum aureum
Golden Chervil
Pontresina
Chaerophyllum hirsutum
Hairy Chervil
Woods

Chaerophyllum villarsiiVillars' ChervilWoodsHeracleum sphondyliumHogweedCommon

Laserpitium halleriHaller's SermountainRocky placesLaserpitium latifoliumBroad-leaved SermountainCommon

Ligusticum mutellina Alpine Lovage Mountain pasture
Ligusticum mutellinoides Unbranched Lovage High mountain pasture

Peucedanum ostruthium Masterwort Common

Pimpinella majorGreater Burnet-saxifrageMeadowsPimpinella saxifragaBurnet-saxifrageMeadows

Araliaceae Ivy Family

Hedera helix Ivy Occasional in woods

Asteraceae Daisy Family

Adenostyles alliariae Adenostyles Val Roseg

Adenostyles leucophyllaWhite-leaved AdenostylesRiver gravels. MorteratschAchillea atrataDark-stemmed SneezewortRocky places on limestone

Achillea erba-rotta subsp. moschata Musk Milfoil Rocky places on acidic soils

Achillea millefolium Yarrow Frequent

Latin Name Common Name Notes Dwarf Milfoil Achillea nana Screes Carpathian Cat's-foot Mountain turf Antennaria carpatica Antennaria dioica Cat's-foot Common Arnica montana Arnica Common Black Genipi Artemisia genipi Screes Artemisia umbelliformis Yellow Genipi Screes and cliffs Artemisia vulgaris Mugwort Pontresina Aster alpinus Alpine Aster Limestone rocks and turf Bellidastrum michelii False Aster Frequent Bellis perennis Daisy Frequent Carduus defloratus Alpine Thistle Common Carduus personata **Great Marsh Thistle** Pontresina Carlina acaulis Stemless Carline Thistle Mountain turf Centaurea nervosa Plume Knapweed Woods below Alp Grum Centaurea scabiosa Greater Knapweed Meadows Cicerbita alpina Alpine Blue-sowthistle Woods and forests Cirsium acaule **Dwarf Thistle** Occasional in pasture Cirsium eriophorum Woolly Thistle Morteratsch Cirsium erisithales Yellow Melancholy Thistle Alp Grum Melancholy Thistle Cirsium heterophyllum Meadows Cirsium palustre Marsh Thisle Damp places Spiniest Thistle Cirsium spinosissimum Mountain turf Golden Hawk's-beard Crepis aurea Common Crepis paludosa Marsh Hawk's-beard Wet meadows Doronicum clusii Clusius' Leopard's-bane Screes Erigeron acris subsp. politus Blue Fleabane Moraines Erigeron alpinus Alpine Fleabane Local Eupatorium cannabinum Hemp Agrimony Lowland Hieracium angustifolium Glacier Hawkweed Morteratsch Hieracium aurantiacum ‡ Orange Hawkweed Pontresina Hieracium hoppeanum Hoppe's Hawkweed Stony places Whitish Hawkweed Stony places. Morteratsch Hieracium intvbaceum Hieracium lactucella Eared Mouse-ear Hawkweed Common Occasional Hieracium murorum Few-leaved Hawkweed Hieracium piliferum Hairy Hawkweed Stony places Hieracium pilosella Mouse-ear Hawkweed Common Hieracium prenanthoides Rough-leaved Hawkweed Stony places Hieracium staticifolium Statice-leaved Hawkweed Morteratsch Hieracium villosum Hairy Hawkweed Stony pasture Homogyne alpina Alpine Colt's-foot Common Hypochaeris uniflora Giant Cat's-ear Alp Grum Jacobaea abrotanifolia Pinnate-leaved Ragwort Local Jacobaea incana subsp. carniolica Carniolian Ragwort Locally common Leontodon helveticus Swiss Hawkbit Mountain turf Alpine Hawkbit Leontodon hispidus Acidic pasture Leontopodium nivale subsp. alpinum Edelweiss Limestone turf Leucanthemopsis alpina Alpine Moon Daisy Common. Mountain rocks Leucanthemum atratum agg. Saw-leaved Moon Daisy Mountain turf Leucanthemum vulgare Ox-eye Daisy Meadows Mycelis muralis Wall Lettuce Walls Omalotheca norvegicum Norwegian Cudweed Occasional in mountain pasture Omalotheca supinum **Dwarf Cudweed** Snowbeds

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Damp meadows

White Butterbur

Petasites albus

Latin Name

Petasites paradoxus Prenanthes purpurea Saussurea alpina

Scorzoneroides autumnalis

Senecio doronicum Senecio ovatus Senecio rupestris Senecio vulgaris

Solidago virgaurea subsp. minuta

Taraxacum alpinum Taraxacum officinale Tragopogon pratensis

Tussilago farfara

Betulaceae

Alnus glutinosa Alnus incana Alnus viridis Betula pendula Betula pubescens Corylus avellana

Boraginaceae

Cerinthe glabra
Echium vulgare
Eritrichium nanum
Myosotis alpestris
Myosotis scorpioides
Myosotis sylvatica
Pulmonaria australis

Brassicaceae

Arabis alpina subsp. alpina Arabis bellidifolia Arabis caerulea Arabis ciliata Barbarea vulgaris Biscutella laevigata Capsella bursa-pastoris Cardamine alpina Cardamine resedifolia

Draba aizoides
Draba dubia
Draba fladnizensis
Draba tomentosa
Kernera saxatilis
Noccaea perfoliata
Sisymbrium austriacum

Campanulaceae

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Campanula barbata Campanula cochleariifolia

Common Name

Alpine Butterbur Mountain pasture
Purple Lettuce Forests
Alpine Saw-wort Mountain turf
Autumn Hawkbit Stony pasture
Chamois Ragwort Locally common
Wood Ragwort Forests
Rock Groundsel Rocky places

Notes

Ruderal

Goldenrod Mountain rocks
Alpine Dandelion Mountain rocks
Dandelion Widespread
Goat's-beard Meadows

Colt's-foot Common. Damp rocky places

Birch Family

Groundsel

Common Alder Valleys, by rivers
Grey Alder Valleys, by rivers
Green Alder Mountain scrub
Silver Birch Widespread
Downy Birch Frequent
Hazel Cavaglia

Borage Family

Smooth Honeywort Rare on Limestone. Alp Nova

Viper's Bugloss Waste places

King-of-the-Alps Acidic mountain rocks

Alpine Forget-me-not Common
Water Forget-me-not Pontresina
Wood Forget-me-not Woods

Southern Lungwort Below Alp Grum. Pontresina

Cabbage Family

Alpine Rock-cress Mountain rocks
Daisy-leaved Rock-cress Mountain rocks
Blue Rock-cress Screes and moraines
Corymbose Rock-cress Rocky places

Winter-cress Pontresina
Buckler Mustard Rocky places
Shepherd's-purse Widespread

Alpine Bitter-cress Acidic rocks and screes

Large Bitter-cress Streamsides
Mignonette-leaved Bitter-cress Mountain rocks

Yellow Whitlowgrass Rocky places on limestone
Austrian Whitlowgrass Acidic rocks. Corvatsch

Bald White Whitlowgrass Alpine rocks
Tomentose Whitlowgrass Limestone rocks

Rock Kernera Rocks

Perfoliate Penny-cress Near habitation
Austrian Rocket Waste places

Bellflower Family

Bearded Bellflower Mountain turf
Fairy's-thimble Mountain rocks

Latin Name

Campanula scheuchzeri
Campanula trachelium
Phyteuma betonicifolium
Phyteuma globulariifolium
Phyteuma hedraianthifolium
Phyteuma hemisphaericum
Phyteuma orbiculare
Phyteuma scheuchzeri

Caprifoliaceae

Linnaea borealis Lonicera alpigena Lonicera caerulea Lonicera nigra Lonicera xylosteum

Caryophyllaceae

Arenaria biflora Cerastium alpinum

Cerastiun arvense subsp. strictum

Cerastium cerastoides
Cerastium fontanum
Cerastium latifolium
Cerastium pedunculatum
Cherleria sedoides
Dianthus carthusianorum

Dianthus superbus
Dianthus sylvestris
Gypsophila repens
Herniaria glabra
Sabulina verna
Sagina procumbens
Sagina saginoides
Saponaria ocymoides
Scleranthus annuus

Silene diocia Silene exscapa Silene nutans Silene rupestris Silene vulgaris Stellaria holostea Stellaria graminea Stellaria media Stellaria nemorum

Silene acaulis

Cistaceae

Helianthemum nummularium subsp. grandiflorum

Helianthemum oelandicum subsp. alpestre

Convolvulaceae

Cuscuta epithymum

Common Name

Scheuchzer's Bellflower

Nettle-leaved Bellflower

Betony-leaved Rampion

Globularia-leaved Rampion

Rhaetian Rampion

Globe-headed Rampion

Alpine rocks

Rocks. Lago Bianco

Acidic rocks

Round-headed Rampion Meadows. Frequent
Scheuchzer's Rampion Cavaglia and Morteratsch

Notes

Honeysuckle Family

Broad-leaved Mouse-ear

Twinflower Locally common in forests

Alpine Honeysuckle Forests

Blue-berried Honeysuckle Rocky places

Black-berried Honeysuckle Woods

Fly Honeysuckle Woods

Pink Family

Two-flowered Sandwort

Alpine Mouse-ear

Field Mouse-ear

Starwort Mouse-ear

Acidic turf. Val Minor

Mountain turf

Frequent

Rocks and pasture

2-----

Common Mouse-ear Common

Pedunculate Mouse-ear Acidic screes

Mossy Cyphel Alpine rocks and turf

Moraines and screes

Carthusian Pink
Local. Open woodland
Large Pink
Damp turf
Wood Pink
Rocky places
Alpine Gypsophila
Smooth Rupturewort
Vernal Sandwort
Local. Open woodland
Rapturf
Rocky places
Frequent
Railway ballast
Stony places

Procumbent Pearlwort Common
Alpine Pearlwort Alpine turf and screes

Rock Soapwort Chantarella
Annual Knawel Occasional
Moss Campion Mountain turf
Red Campion Meadows
Stemless Moss Campion Mountain turf

Nottingham Catchfly Rocks and meadows

Rock Campion Rocks
Bladder Campion Meadows
Greater Stichwort Occasional

Lesser Stitchwort Woods and meadows

Common Chickweed Occasional Wood Stitchwort Woods

Rock-rose Family

Large-flowered Common
Rockrose

Alpine Rockrose

Rocky places
Calcareous turf

Bindweed Family

Dodder Occasional

CrassulaceaeStonecrop FamilySedum acreBiting StonecropFrequentSedum albumWhite StonecropStony placesSedum alpestreAlpine StonecropMountain rocks

Sedum annuum

Annual Stonecrop

Moraines. Morteratsch, Val Roseg
Sedum atratum

Dark Stonecrop

Mountain rocks

Sedum atratumDark StonecropMountain rocksSedum dasyphyllumThick-leaved StonecropWalls and rocks

Sempervivum arachnoideumCobweb HouseleekCommon. Stony placesSempervivum montanumMountain HouseleekCommon. Stony placesSempervivum tectorumCommon HouseleekOccasional. Rocky turf

Dipsacaceae Teasel Family

Knautia dipsacifoliaWood ScabiousShady placesScabiosa columbariaSmall ScabiousOccasionalScabiosa lucidaShining ScabiousMeadows

Ericaceae Heath Family

Arctostaphylos uva-ursi Bearberry Rocky pasture

Arctous alpina Alpine Bearberry Limestone turf and screes

Calluna vulgarisLingFrequentEmpetrum nigrum subsp. hermaphroditumHermaphrodite CrowberryAcidic heathsErica carneaSpring HeathLimestone rocksKalmia procumbensTrailing AzaleaAcidic heaths

Moneses unifloraOne-flowered WintergreenForestOrthilia secundaSerrated WintergreenForestPyrola minorLesser WintergreenForest

Pyrola rotundifolia Round-leaved Wintergreen Val da Fain, Alp Nova

Rhododendron ferrugineumAlpenroseCommonVaccinium myrtillusBilberryCommonVaccinium uliginosumBog WhortleberryCommonVaccinium vitis-idaeaCowberryCommon

Euphorbiaceae Spurge Family

Euphorbia cyparissias Cypress Spurge Frequent on limestone

Fabaceae Pea Family

Anthyllis vulneraria subsp. alpestris Alpine Kidney Vetch Mountain pasture
Astragalus alpinus Alpine Milk-vetch Mountain turf

Astragalus australis Southern Milk-vetch Mountain turf on limestone

Astragalus frigidus Pallid Milk-vetch Limestone pasture

Astragalus penduliflorus Mountain Lentil Pasture and stony places. Local

Hedysarum hedysaroidesAlpine SainfoinMountain pastureHippocrepis comosaHorseshoe VetchCommon on limestone

Lathyrus pratensisMeadow VetchlingMeadowsLotus alpinusAlpine Bird's-foot TrefoilMountain turfLotus corniculatusBird's-foot TrefoilMeadowsMedicago lupulinaBlack MedickCommonMedicago sativa ‡LucernePontresina

Onobrychis arenariaSmall SainfoinOccasional. PontresinaOnobrychis montanaMountain SainfoinMountain pastureOxytropis campestrisYellow Milk-vetchCommon in pastureOxytropis jacquiniiMountain Milk-vetchStony places on limestone

Trifolium alpinum Alpine Clover Common

Latin Name Common Name Notes Brown Clover Mountain meadows Trifolium badium Trifolium montanum Mountain Clover Frequent Trifolium pallescens Pale Clover Pasture and rocky places Trifolium pratense Red Clover Meadows White Clover Trifolium repens Common Trifolium thalii Thal's Clover Mountain turf Vicia cracca **Tufted Vetch** Frequent **Bush Vetch** Occasional Vicia sepium **Gentian Family** Gentianaceae Gentiana acaulis **Trumpet Gentian** Mountain pasture Gentiana bavarica **Bavarian Gentian** Marshes Short-leaved Gentian Alpine turf Gentiana brachyphylla Gentiana xcharpentieri (G. lutea x G. Charpentier's Gentian With both parents punctata) Clusius' Gentian Gentiana clusii Limestone turf. Alp Nova Gentiana lutea Great Yellow Gentian Limestone pasture Gentiana nivalis **Snow Gentian** Mountain turf Orbiculate-leaved Gentian Gentiana orbicularis Occasional Gentiana punctata **Spotted Gentian** Mountain pasture Gentiana verna Spring Gentian Common Gentianella campestris Field Gentian **Pasture** Geraniaceae Crane's-bill Family Common Geranium pyrenaicum Pyrenean Crane's-bill Geranium robertianum Herb Robert Common Geranium sylvaticum Wood Crane's-bill Common Globulariaceae **Globularia Family** Globularia cordifolia Matted Globularia Frequent on limestone Globularia nudicaulis Leafless-stemmed Globularia Frequent on limestone Hypericaceae St John's-wort Family Imperforate St John's-wort Hypericum maculatum Frequent Lamiaceae **Dead-nettle Family** Pyramidal Bugle Ajuga pyramidalis Locally common Common Bugle Common Ajuga reptans Clinopodium alpinum Alpine Calamint Rocky turf on limestone Wild Basil Clinopodium vulgare Frequent Dracocephalum ruyschiana Northern Dragon-head Open forest. Rare Horminum pyrenaicum Dragon-mouth Val Minor Woods. Alp Grum Lamiastrum galeobdolon Yellow Archangel Lamium album White Dead-nettle Frequent Lamium amplexicaule Henbit Dead-nettle Waste places Purple Dead-nettle Waste places Lamium purpureum Self-heal Prunella vulgaris Common Salvia pratensis Meadow Clary Roadside banks. Pontresina Teucrium montanum Mountain Germander Limestone rocks. Chantarella Thymus praecox subsp. polytrichus Wild Thyme Common

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Butterwort Family

Alpine Butterwort

Damp mountain turf and rocks

Lentibulariaceae

Pinguicula alpina

Plantago media

Polemoniaceae

Polemonium caeruleum

Latin Name Common Name Notes Southern Butterwort Wet flushes Pinguicula leptoceras Linaceae Flax Family Common Linum catharticum Fairy Flax Montiaceae **Blinks Family** Montia fontana Blinks **Springs** Onagraceae Willowherb Family Epilobium alpestre Whorled-leaved Willowherb Frequent Epilobium alsinifolium Chickweed Willowherb Frequent Epilobium anagallidifolium Alpine Willowherb Frequent Epilobium angustifolium Rosebay Willowherb Occasional Epilobium fleischeri Fleischer's Willowherb River gravels and moraines **Broad-leaved Willowherb** Epilobium montanum Occasional Orobanchaceae **Bromrape Family** Bartsia alpina Alpine Bartsia Alpine turf Euphrasia minima **Dwarf Eyebright** Morteratsch Euphrasia rostkoviana Common Eyebright Meadows Melampyrum pratense Common Cow-wheat Forest Small Cow-wheat Forest Melampyrum sylvaticum Pedicularis kerneri Alpine turf Kerner's Lousewort Pedicularis oederi Crimson-tipped Lousewort Alpine turf Pedicularis palustris Marsh Lousewort Local in flushes Pedicularis recutita Beakless Red Lousewort Rare. Wet pasture, Val da Fain Pedicularis rostratospicata Flesh-pink Lousewort Fuorcla Surlei Pedicularis tuberosa Long-beaked Yellow Lousewort Acidic mountain turf Pedicularis verticillata Whorled Lousewort Mountain turf Rhinanthus alectorolophus Greater Yellow-rattle Meadows Rhinanthus minor Yellow-rattle Frequent Oxalidaceae **Wood-sorrel Family** Oxalis acetosella Wood-sorrel Shaded rocks **Papaveraceae Poppy Family** Scree. Local Papaver aurantiacum Rhaetic Poppy Papaver croceum ‡ Islandic Poppy River gravels. **Parnassiaceae Grass-of-Parnassus Family** Parnassia palustris Grass-of-Parnassus Damp flushes **Plantaginaceae Plantain Family** Alpine Plantain Mountain turf Plantago alpina Dark Plantain Mountain turf Plantago atrata Plantago lanceolata Ribwort Plantain Occasional Plantago major Greater Plantain Occasional Fleshy Plantain Plantago maritima subsp. serpentina Frequent

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Jacob's-ladder Family

Hoary Plantain

Jacob's-ladder

Occasional

Limestone rocks

Latin Name Common Name Notes Polygalaceae **Milkwort Family** Common Polygala alpestris Mountain Milkwort Polygala chamaebuxus Shrubby Milkwort Frequent Polygonaceae **Dock Family** Bistorta officinalis Common Bistort Meadows Bistorta vivipara Alpine Bistort Common Oxyria digyna Mountain Sorrel Rocks and screes Common Sorrel Rumex acetosa Widespread Rumex acetosella Sheep's Sorrel Acidic pasture Rumex alpestris Alpine Sorrel Widespread Rumex alpinus Monk's-rhubarb Disturbed areas **Broad-leaved Dock** Rumex obtusifolius Occasional Rumex scutatus French Sorrel Screes and rocky places Primulaceae **Primrose Family** Androsace alpina Alpine Rock-jasmine Alpine scree Androsace chamaejasme Frequent Ciliate Rock-jasmine Androsace obtusifolia Blunt-leaved Rock Jasmine Limestone turf Lysimachia nemorum Yellow Pimpernel Val Roseg Primula elatior Oxlip Snowbeds Primula farinosa Bird's-eye Primrose Mountain turf Primula halleri Long-flowered Primrose Rare. Below Alp Grum Primula hirsuta Hairy Primrose Mountain rocks **Entire-leaved Primrose** Common. Wet turf Primula integrifolia Primula latifolia **Broad-leaved Primrose** Locally common Primula xmuretiana (P. integrifolia x P. A hybrid Primrose Val Minor, Fuorcla Surlej latifolia) Soldanella alpina Alpine Snowbell Mountain turf **Dwarf Snowbell** Soldanella pusilla Wet turf Ranunculaceae **Buttercup Family** Aconitum lycoctonum subsp. vulparia Wolf's-bane Frequent. Forests and streamsides Monk's-hood Aconitum napellus agg. Damp pasture Aquilegia alpina Alpine Columbine Limestone pasture Caltha palustris Marsh Marigold Flushes and streamsides Clematis alpina Alpine Clematis Forest and pasture Pulsatilla alpina subsp. apiifolia Alpine Pasqueflower Mountain pasture Pulsatilla vernalis Spring Pasqueflower Mountain pasture Ranunculus aconitifolius Aconite-leaved Buttercup Forest Ranunculus acris Meadow Buttercup Common Ranunculus glacialis **Glacier Crowfoot** Alpine scree Ranunculus kuepferi Kupfer's Buttercup Mountain turf Ranunculus montanus Mountain Buttercup Mountain turf Ranunculus platanifolius Rare in open forest. Alp Grum Maple-leaved Buttercup Creeping Buttercup Meadows Ranunculus repens Thalictrum aquilegiifolium Meadows Great Meadow-rue Thalictrum foetidum Pasture Stinking Meadow-rue

Lesser Meadow-rue

Buckthorn Family
Dwarf Buckthorn

Globeflower

Pasture

Damp pasture

Limestone Rocks

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Thalictrum minus

Rhamnaceae

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Trollius europaeus

Rhamnus pumilus

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Rosaceae

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

Alchemilla vulgaris agg. Alchemilla xanthochlora Cotoneaster integerrima

Dryas octopetala Filipendula ulmaria Fragaria vesca Geum montanum Geum reptans

Geum rivale
Potentilla anserina
Potentilla crantzii
Potentilla erecta
Potentilla frigida

Potentilla mgrad 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 breviserrata
Salix caprea
Salix eleagnos
Salix foetida
Salix glaucosericea

Salix glaucoserice Salix hastata Salix herbacea Salix myrsinifolia Salix purpurea **Rose Family**

Alpine Lady's Mantle Common
Silver Lady's Mantle Frequent
Smooth Lady's Mantle Frequent
Hybrid Lady's Mantle Occasional

Cut-leaved Lady's Mantle Damp mountain turf Lady's-mantle Common

Pale Lady's-mantle Common

Pale Lady's-mantle Frequent

Wild Cotoneaster Rocks

Mountain Avens Mountain rocks and scree
Meadowsweet Lowland meadows
Wild Strawberry Woods and pasture
Alpine Avens Mountain turf

Creeping Avens Alpine rocks and scree
Water Avens Occasional. Wet places
Silverweed Waste places

Silverweed Waste places
Alpine Cinquefoil Common. Mountain turf

Tormentil Acidic turf

Glacier Cinquefoil Acidic alpine rocks
Large-flowered Cinquefoil Acidic pasture

Rock Cinquefoil
Salad Burnet
Bird Cherry
Dog-rose
Alpine Rose
Widespread
Widespread
Wooded slopes
Frequent. Mountains

Raspberry Woods

Stone Bramble Occasional. Rocky places

Great Burnet Meadows

Sibbaldia Stony places in mountains
Whitebeam Occasional in forest
Rowan Woods and scrub
False-medlar Mountain scrub

Madder Family

Squinancywort Limestone rocks

Crosswort Meadows
Dwarf Bedstraw Frequent

Northern Bedstraw Occasional. Grassy places

Woodruff Woods
Slender Bedstraw Frequent
Lady's Bedstraw Meadows

Willow Family

Aspen Occasional
Finely-toothed Willow Occasional
Goat Willow Lowland woods

Hoary Willow Occasional. Streamsides

Stinking Willow Val da Fain
Silky Willow Occasional
Large-stipuled Willow Occasional
Least willow Mountain turf
Dark-leaved Willow Morteratsch
Purple Willow Morteratsch

L. C. Maria	O	Notes
Latin Name	Common Name	Notes
Salix reticulata	Net-leaved Willow	Mountain rocks and turf
Salix retusa	Retuse-leaved Willow	Mountain rocks and turf
Salix serpyllifolia	Thyme-leaved Willow	Mountain rocks and turf
Santalaceae	Bastard-toadflax Family	
Thesium pyrenaicum	Pyrenaean Bastard-toadflax	Rocky pasture
Saxifragaceae	Saxifrage Family	
Chrysosplenium alternifolium	Alternate-leaved Golden- saxifrage	Occasional. Wet places
Micranthes stellaris subsp. robusta	Starry Saxifrage	Wet acidic flushes
Saxifraga aizoides	Yellow Mountain Saxifrage	Wet turf and screes
Saxifraga androsacea	Scree Saxifrage	Damp screes and rocks
Saxifraga aspera	Rough Saxifrage	Rocky places
Saxifraga bryoides	Mossy Saxifrage	Rocky places
Saxifraga caesia	Blue Saxifrage	Limestone scree and turf
Saxifraga exarata subsp. exarata	White Musky Saxifrage	Rocky places
Saxifraga exarata subsp. moschata	Musky Saxifrage	Rocky places
Saxifraga oppositifolia	Purple Saxifrage	Moraines and screes
Saxifraga paniculata	Livelong Saxifrage	Rocks and cliffs
Saxifraga seguieri	Seguier's Saxifrage	Damp alpine turf and rocks
Scrophulariaceae	Figwort Family	
Verbascum nigrum	Dark Mullein	Lowland
Tamaricacae	Tamarisk Family	
Myricaria germanica	German Tamarisk	River gravels. Morteratsch
Thymelaeaceae	Mezereon Family	
Daphne mezereum	Mezereon	Limestone rocks. Local
Daphne striata	Striped Daphne	Stony pasture
Urticaceae	Nettle Family	
Urtica dioica	Common Nettle	Widespread
Valerianaceae	Valerian Family	
Valeriana montana	Mountain Valerian	Limestone rocks
Valeriana officinalis	Common Valerian	Damp meadows
Valeriana tripteris	Three-leaved Valerian	Woods
Veronicaceae	Speedwell Family	
Chaenorhinum minus	Small Toadflax	Railway tracks
Digitalis grandiflora	Large Yellow Foxglove	Local. Woods
Linaria alpina	Alpine Toadflax	Screes and rocky places
Linaria vulgaris	Common Toadflax	Below Alp Grum
Veronica alpina	Alpine Speedwell	Stony pasture
Veronica aphylla	Leafless-stemmed Speedwell	Stony pasture
Veronica beccabunga	Brooklime	Wet places
Veronica bellidioides	Violet Speedwell	Acidic pasture
Veronica chamaedrys	Germander Speedwell	Occasional
Veronica fruticans	Rock Speedwell	Mountain rocks

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A Rock Speedwell

Heath Speedwell

Rocky moraines. Morteratsch

Woods and banks

Veronica fruticulosa

Veronica officinalis

Veronica serpyllifoliaThyme-leaved SpeedwellCommonVeronica urticifoliaNettle-leaved SpeedwellWoods

Viburnaceae Viburnum Family

Sambucus racemosa Alpine Elder Frequent

Violaceae Violet Family

Viola biflora Yellow Wood Violet Common

Viola calcarata Long-spurred Pansy Locally common. Corviglia

Viola palustrisMarsh VioletCommonViola rivinianaCommon Dog-violetCommon

Viola rupestris Teesdale Violet Limestone meadows

Viola tricolor Wild Pansy Waste places

MONOCOTYLEDONS

Amaryllidaceae Daffodil Family

Allium schoenoprasum Chives Occasional

Allium victorialis Alpine Leek Alp Grum, Alp Nova

Asparagaceae Asparagus Family

Convallaria majalis Lily-of-the-Valley Occasional Maianthemum bifolium May Lily Forests

Paradisea liliastrum St Bruno's Lily Local. Alp Grum

Polygonatum verticillatum Whorled Solomon's Seal Woods and Juniper scrub

Colchicaceae Meadow Saffron Family

Colchicum autumnale Meadow Saffron Occasional. Meadows

Cyperaceae Sedge Family

Carex atrata subsp. atrataBlack Alpine SedgeFrequentCarex canescensWhite SedgeWet heathsCarex capillarisHair SedgeRocky placesCarex curvulaAn alpine SedgeLocally dominant

Carex davalliana Davall's Sedge Frequent

Carex dioica Dioecious Sedge Calcareous flushes. Val Minor

Carex echinata Star Sedge Common

Carex ferruginea Rusty Sedge Locally dominant on limestone

Carex flacca Glaucous Sedge Common

Carex microglochin Bristle Sedge Base-rich flushes

Carex montana Soft-leaved Sedge Limestone grassland. Val Minor

Carex nigraBlack SedgeCommonCarex ornithopodaBird's-foot SedgeFrequentCarex pallescensPale SedgeFrequentCarex paniceaCarnation SedgeCommonCarex parvifloraSmall-flowered SedgeFrequent

Carex pauciflora

Few-flowered Sedge

Carex rupestris

Few-flowered Sedge

Oligotrophic flushes

Limestone scree

Carex sempervirens Evergreen Sedge Common

Carex simpliciusculaFalse-sedgeBase-rich alpine flushesEleocharis quinquefloraFew-flowered Spike-rushWet flushes. Val da Fain

Eriophorum angustifolium Common Cottongrass Common

Eriophorum latifolium Broad-leaved Cottongrass Flushes. Val da Fain

Eriophorum vaginatumHare's-tail CottongrassOccasionalTrichophorum cespitosumNorthern DeergrassCommon

Juncaceae Rush Family

Juncus alpinoarticulatus Alpine Rush Wet mountain pastures

Juncus jacquiniiJacquin's RushFrequentJuncus trifidusThree-leaved RushAcidic turf

Juncus triglumisThree-flowered RushWet flushes. Val da FainLuzula alpinopilosaAlpine Wood-rushMountain pasture

Luzula lutea Yellow wood-rush Mountain pasture
Luzula luzuloides White Wood-rush Woods

Luzula multiflora Heath Wood-rush Mountain pasture

Luzula nivea Snowy Wood-rush Woods

Luzula spicata Spiked Wood-rush Mountain pasture

Luzula sylvatica Great Wood-rush Woods

JuncaginaceaeArrowgrass FamilyTriglochin palustrisMarsh ArrowgrassLocal. Wet flushes

Trigiodimi paradino Locali. Wolfindonoo

LiliaceaeLily FamilyGagea serotinaSnowdon LilyMountain turf

Lilium bulbiferum subsp. croceum Orange Lily Woods and cliffs. Local

Lilium martagon Martagon Lily Woods

MelanthiaceaeHerb-Paris FamilyVeratrum albumWhite False-helleborineMountain pasture

Orchidaceae Orchid Family

Chamorchis alpina Dwarf Orchid Screes and mountain turf. Local

Corallorhiza trifida Coralroot Orchid Forests

Dactyrorhiza incarnata subsp. cruenta Flecked Marsh-orchid Calcareous flushes. Local

Dactylorhiza maculata subsp. fuchsiiCommon Spotted-orchidCommonDactylorhiza maculata subsp. maculataHeath Spotted-orchidCommon

Dactylorhiza majalis Broad-leaved Marsh-orchid Wet pasture. Common

Dactylorhiza viridisFrog OrchidFrequentGymnadenia conopseaFragrant-orchidCommonGymnadenia miniataRed Vanilla OrchidLocally commonGymnadenia odoratissimaShort-spurred Fragrant-orchidLocally common

Gymnadenia rhellicaniAlpine Vanilla OrchidLocally commonNeottia ovataTwaybladeOccasional. MeadowsOrchis masculaEarly-purple OrchidLocally common

Platanthera bifoliaLesser Butterfly-orchidLocal. GrasslandPseudorchis albidaSmall-white OrchidCommon

Traunsteinera globosa Round-headed Orchid Local. Chantarella

Poaceae Grass Family

Agrostis capillaris Common Bent Common

Alopecurus pratensis Meadow Foxtail Common in lower meadows

Anthoxanthum odoratum Sweet Vernal-grass Common

Avenella flexuosa Wavy Hair-grass Common

Brachypodium pinnatum False Brome Occasional

Briza media Quaking-grass Common
Calamagrostis villosa Shaggy Small-reed Alluvial habitats

Latin Name Common Name Notes Cynosurus cristatus Crested Dog's-tail Meadows Dactylis glomerata Cock's-foot Waste places Wet turf. Common Deschampsia cespitosa **Tufted Hair-grass** Festuca ovina Sheep's-fescue Common Festuca rubra Red Fescue Common Festuca violacea Violet Fescue Mountains. Common Holcus lanatus Yorkshire-fog Frequent Holcus mollis Creeping Soft-grass Frequent Melica nutans Mountain Melick Frequent Molinia caerulea Purple Moor-grass Oligotrophic flushes Nardus stricta Mat-grass Common Two-lined Moor-grass Oreochloa disticha Alpine Rocks. Diavolezza Phleum pratense Timothy Meadows Phleum rhaeticum Rhatisches Cat's-tail Common Poa alpina Alpine Meadow-grass Common Poa annua Annual Meadow-grass Common on trackways Poa nemoralis Wood Meadow-grass **Forests** Poa pratensis **Smooth Meadow-grass** Meadows Poa supina Creeping Meadow-grass Meadows Poa trivialis Rough Meadow-grass Meadows Schedonorus pratensis Meadow Fescue Common Sesleria caerulea Blue Moor-grass Limestone

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

Tofieldiaceae

Tofieldia calyculata

					J	lune	/July	/		
	Common name	Latin name	30	1	2	3	4	5	6	7
1	Mute Swan	Cygnus olor	✓							
2	Mallard	Anas platyrhynchos				✓			✓	
3	Common Swift	Apus apus	✓	✓	✓	✓	✓	✓		
4	Common Cuckoo	Cuculus canorus		Н		Н			Н	
5	Eurasian Coot	Fulica atra						✓		
6	Great Crested Grebe	Podiceps cristatus	✓							
7	Yellow-legged Gull	Larus michahellis	✓							
8	Grey Heron	Ardea cinerea	✓							
9	Bearded Vulture (Lammergeier)	Gypaetus barbatus		✓		2				
10	Common Buzzard	Buteo buteo	✓							
11	Great Spotted Woodpecker	Dendrocopos major						✓		
12	Common Kestrel	Falco tinnunculus	✓	✓				✓		
13	Spotted Nutcracker	Nucifraga caryocatactes			Н	Н		✓	✓	
14	Alpine Chough	Pyrrhocorax graculus			✓		✓		✓	
15	Carrion Crow	Corvus corone	✓	✓	✓	✓	✓	✓	✓	✓
16	Northern Raven	Corvus corax		Н					✓	
17	Great Tit	Parus major				✓	✓			
18	Barn Swallow	Hirundo rustica		✓						
19	Eurasian Crag Martin	Ptyonoprogne rupestris		✓	✓		✓	✓	✓	
20	Common Chiffchaff	Phylloscopus collybita		Н		Н		Н		
21	Eurasian Blackcap	Sylvia atricapilla				Н				
22	Garden Warbler	Sylvia borin				Н				
23	Common Firecrest	Regulus ignicapilla		Н						

Scottish Asphodel Family

Common

Tofield's Asphodel

							lune	/July	/		
	Common name	Latin name	30	1	2	3	4	5	6	7	
24	Eurasian Treecreeper	Certhia familiaris						✓			
25	Common Blackbird	Turdus merula	✓	✓	✓	✓	✓	✓	✓	✓	
26	Fieldfare	Turdus pilaris		✓			✓		✓		
27	Song Thrush	Turdus philomelos						✓			
28	Mistle Thrush	Turdus viscivorus					✓		✓		
29	Black Redstart	Phoenicurus ochruros			✓	✓	✓	✓	✓		
30	Northern Wheatear	Oenanthe oenanthe		✓	✓	✓	✓		✓		
31	White-throated Dipper	Cinclus cinclus			✓	✓					
32	House Sparrow	Passer domesticus	✓	✓	✓	✓	✓	✓	✓	✓	
33	White-winged Snowfinch	Montifringilla nivalis			✓	✓	✓	✓	✓		
34	Alpine Accentor	Prunella collaris					✓	✓			
35	White Wagtail	Motacilla alba		✓	✓	✓	✓	✓	✓		
36	Water Pipit	Anthus spinoletta		✓	✓	✓	✓	✓	✓		
37	Common Chaffinch	Fringilla coelebs		✓		✓	✓	✓	✓		
38	Common Linnet	Linaria cannabina				✓	✓				
39	Citril Finch	Carduelis citrinella				✓					
40	European Serin	Serinus serinus							✓		
41	Eurasian Siskin	Spinus spinus			✓						

Mammals (E = evidence of)

1	Red Squirrel	Sciurus vulgaris				✓		
2	Alpine Marmot	Marmota marmota		✓	✓	✓	✓	
3	Snow Vole	Microtus nivalis		Е				
4	Red Fox	Vulpes vulpes	✓					
5	Alpine Chamois	Rupicapra rupicapra			✓			

Reptiles & Amphibians

1	Viviparous Lizard	Zootoca vivipara	✓					
2	Common Frog	Rana temporaria	✓	✓	✓	✓	✓	

Butterflies

1	Swallowtail	Papilio machaon	✓				✓		
2	Apollo	Parnassius apollo					✓		
3	Clouded Apollo	Parnassius mnemosyne						✓	
4	Clouded Yellow	Colias crocea					✓		
5	Mountain Clouded Yellow	Colias phicomone						✓	
6	Large White	Pieris brassicae		✓					
7	Black-veined White	Aporia crataegi					✓		
8	Orange Tip	Anthocharis cardamines		✓	✓				
9	Green Hairstreak	Callophrys rubi	✓				✓		
10	Little Blue	Cupido minimus	✓	✓	✓	✓	✓	✓	
11	Holly Blue	Celastrina argiolus			✓				
12	Large Blue	Maculinea arion		✓					
13	Mazarine Blue	Cyaniris semiargus			✓				
14	Common Blue	Polyommatus icarus	✓		✓		✓		
15	Painted Lady	Vanessa cardui	✓	✓	✓		✓	✓	
16	Red Admiral	Vanessa atalanta	✓						
17	Small Tortoiseshell	Aglais urticae		✓		✓		✓	
18	Shepherd's Fritillary	Boloria pales					✓		
19	Mountain Fritillary	Boloria napaea			✓			✓	

						June/July											
	Common name	Latin name	30	1	2	3	4	5	6	7							
20	Cynthia's Fritillary	Euphyhydras cynthia		✓													
21	Alpine Marsh Fritillary	Euphydryas aurinia subsp. graciegenita			✓												
22	Scotch Argus	Erebia aethiops					✓										
23	Piedmont Ringlet	Erebia meolans		✓	✓	✓											
24	Alpine Heath	Coenonympha gardetta			✓												
25	Small Heath	Coenonympha pamphilus		✓													
26	Alpine Grizzled Skipper	Pyrgus andromedae						✓									
27	Chequered Skipper	Carterocephalus palaemon							✓								

Moths (L = Larva)

1	Hummingbird Hawk-moth	Macroglossum stellatarum	✓					
2	Chimney Sweeper	Odezia atrata	✓	✓	✓			
3	Lackey Moth	Malacosoma neustria		L		L	L	

Other Insects

1	Red Wood Ant	Formica rufa	✓		✓	✓	

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