# Wengen - Alpine Flowers of the Swiss Alps

Naturetrek Tour Report

24 June - 1 July 2018



Viola cenisia

Rhododendron hirsutum

Report and images by David Tattersfield



Day 1

Tour participants:

David Tattersfield (leader) with 15 Naturetrek clients.

### Sunday 24th June

After assembling at Zurich airport, we were soon enjoying the comfort of the inter-city train to Bern. We changed trains here and again at Interlaken, where we joined the regional train to Lauterbrunnen. The last leg of the journey was on the delightful cogwheel railway to Wengen, where we arrived around 8.00pm. It was just a short walk to our hotel, where a delicious evening meal was waiting for us. After talking through the plans for the exciting week ahead, we retired to bed.

### Day 2

### Monday 25th June

We woke to a cloudy and cool day, with high cloud over the summits. We took the Mannlichen cable-car, high above the village, and set off to explore a wide range of habitats, as we made our way, slowly, towards Mannlichen summit, at 2343 metres. We found a rich flora, on shaded banks and cliffs, typical of areas where snow lies late into the season. A range of dwarf shrubs included Net-leaved Willow, *Salix retualata*, Retuse-leaved Willow *Salix retusa* and Mountain Avens *Dryas octopetala*, with splashes of colour provided by Bird's-eye Primrose *Primula farinosa*, Moss Campion *Silene acaulis*, Alpine Cinquefoil *Potentilla crantzii* and Spring Gentian *Gentiana verna*. As we climbed higher, we found a colourful tapestry of flowers in the turf, from the purple Whorled Lousewort *Pedicularis verticillata* and blue Alpine Forget-me-not *Myosotis alpestris* to the rich yellows of Globeflower *Trollius europaeus* and Alpine Pasque-flower *Pulsatilla alpina* subsp. *apiifolia*. Alpine Aster *Aster alpinus* and deep-purple Alpine Sainfoin *Hedysarum bedysaroides* framed the view of the deep, glacial trench of the Lauterbrunnen Valley, far below us. Near the edges of the last remaining snow, there were still one of two white flowers of Spring Crocus *Crocus vernus* and Kuepfer's Buttercup *Ranunculus kuepferi* and the fringed lavender bells of Alpine Snowbell *Soldanella alpina*. Just beyond the summit, we found Crimson-tipped Lousewort *Pedicularis oederi*, growing on the north-facing slopes.

We regrouped at the Mannlichen Berghaus, before having lunch on a grassy knoll overlooking Grindelwald. For the rest of the afternoon, we followed an easy path down to Kleine Scheidegg, with the brooding, north faces of the Eiger, Monch and Jungfrau appearing, occasionally, through gaps in the cloud. There were many more plants to find and identify and we made slow progress, eventually catching the 5.30pm train back to Wengen.

### Day 3

### **Tuesday 26th June**

On a warm on sunny morning, we took the short train ride to Wengernalp, where we started by exploring the vicinity of the station platform. After a little search, we located a few Frog Orchids *Coeloglossum viride*, their muted colours blending well with their background. Over coffee, we were able to pick out a herd of Alpine Ibex, grazing below the cliffs on the opposite side of the valley. We walked down through colourful meadows to Wixi, where we found the deep-blue Bavarian Gentian *Gentiana bavarica*, growing in wet flushes, together with lots of Broad-leaved Marsh-orchid *Dactylorhiza majalis*, with flowers and bracts of an intense deep purple. As we descended to Biglenalp, some of the special plants we encountered included a single specimen of *Gymnadenia* x *suaveolens* (a hybrid between Fragrant Orchid and Vanilla Orchid), Serrated Wintergreen *Orthilia secunda*, One-flowered Wintergreen *Moneses uniflora* and the parasitic Coralroot Orchid *Corallorhiza trifida*.

We chose a sunny bank, close to the stream, to have our picnic, an idyllic spot, with cows grazing contentedly, and views of the glistening ice-fields of the Jungfrau. Nearby, were the beautiful large blue flowers of *Aquilegia alpina* and a single plant of Lady's-slipper *Cypripedium calceolus*. Our return route took us past the farmstead of Mettlenalp, on a lovely walk through forest and pastures, leading, eventually, back to Wengen. Most of the group took advantage of a train from Almend, and were back at around 5.30pm. Some of us took a longer route and explored the forest above Wengen, where we found a population of St Bernard's Lily *Anthericum liliago*. Over dinner, we enjoyed a lovely alpenglow over the Jungfrau.

### Day 4

### Wednesday 27th June

We walked down to Lauterbrunnen, finding a new range of plants to interest us. In the forest were Herb-Paris *Paris quadrifolia* and Whorled Solomon's-seal *Polygonatum verticillatum* and there were beautiful patches of Dark Columbine *Aquilegia atrata* and the large Cabbage Thistle *Cirsium oleraceum*, in the meadows. We arrived in Lauterbrunnen at 11.50am and had plenty of time for a coffee break, before taking the bus to Trummelbach. We had lunch at a convenient picnic table, by the river, before visiting the Trummelbach Falls. The sights and sounds of the waterfalls were a memorable experience, and we marvelled at the ingenuity of the Swiss engineers who had constructed the access tunnels, one hundred years previously. New plants, around the falls included Branched St Bernard's Lily *Anthericum ramosum*, Blue Saxifrage *Saxifraga caesia*, and the rhizomatous Mountain Bladder-fern *Cystopteris montana*. Most of the group walked back to Lauterbrunnen, along the valley and caught a train back to Wengen.

Ivan and I returned by a more energetic route, making the 900metre climb to the top of the cliffs, above the falls, past the little farmstead at Brech, before descending, on the previous day's track, to Wengen. It was an exhilarating walk with some incredible views and botanical highlights which included Lesser Butterfly-orchid *Platanthera bifolia*, Large Yellow Foxglove *Digitalis grandiflora* and Red Helleborine *Cephalanthera rubra*. We were back at the hotel within four hours, well satisfied with our efforts.

### Day 5

### **Thursday 28th June**

We had another sunny day, with cloud building over the mountains in the afternoon, a pattern that was repeated on every day. We took the train down to Lauterbrunnen and the cable-car to Grutschalp, where we boarded another train to Murren, high on the edge of the cliff, opposite the Trummelbach Falls. After a short stroll through the village, we took the funicular railway to the restaurant at Almendhubel and had a coffee break. The vegetation on this side of the valley provided a complete contrast to what we had seen previously. Tall herbs predominated, among thickets of Green Alder *Alnus viridis* and a luxuriance of ferns. Mountain Pansy *Viola lutea* was common, in a variety of colours, and marshy ground was thick with Broad-leaved Marsh-orchid *Dactylorhiza majalis*.

After lunch, we followed the Mountain View Trail, across heather-clad slopes and lush pasture, with an abundance of Aconite-leaved Buttercup Ranunculus aconitifolius and the huge pleated leaves of White Falsehelleborine, *Veratrum album*, both plants toxic to grazing animals. We descended through damp thickets of Green Alder and tall herbs, where we found Alpine Leek *Allium victorialis*, Yellow Pea *Lathyrus laevigatus* subsp. occidentalis and large stands of Alpine Blue-sowthistle *Cicerbita alpina*. Our final descent was through the forest, where there were large colonies of Lesser Twaybade, *Neottia cordata* and the curious *Streptopus amplexifolius*, with small, yellowish, pendant flowers, on bent pedicels, hidden beneath its leaves. Eventually, we reached Grutschalp station and our return cable-car and were back in Wengen for 6.00pm.

### Day 6

### Friday 29th June

We had a relaxing start to the day, travelling by train down to Wilderswil, and then joining the delightful little train, for the steep climb to Schynige Platte. After coffee, we spent an absorbing morning in the Alpine Garden, enjoying its natural setting and the superb display of plants, each carefully labelled. Many plants were familiar to us, by now, but there were many others that had been brought from other regions of Switzerland, each growing in its preferred habitat. The whole garden is an enormous credit to the dedicated team of gardeners that keep it looking immaculate.

After lunch on the station platform, we climbed to the summit of Gaube and followed the ridge towards the Oberberghorn. The views from up here were tremendous and we looked down on Interlaken and the two lakes, the Brienzersee and Thunersee. We were in a botanical paradise, with superb specimens of Alpine Leek, Yellow Pea and the deep-purple Mountain Milk-vetch *Oxytropis jacquinii*. The limestone slopes of the Oberberghorn were home to a rich diversity of plants, such as the robust, yellow, Leafy Lousewort *Pedicularis foliosa*, Alpine Aster *Aster alpinus* and Wood Pink *Dianthus sylvestris* and Dwarf Buckthorn *Rhamnus pumilus* clung to the rocks above our heads. These were just a few of many that were new to us on the trip. On the limestone screes were extensive colonies of Limestone Fern *Gymnocarpium robertianum*, Angular Solomon's-seal *Polygonatum odoratum*, Whorled Solomon's-seal and Lily-of-the-Valley *Convallaria majalis*. Just enough time remained for us to walk to a second viewpoint, where St Bruno's Lily *Paradisea liliastrum* was common on the grassy slopes, before we had to return to the station, to catch our train. Between trains, at Wilderwil, we enjoyed ice-creams, before the familiar journey back to Wengen. During the evening, over dinner on the terrace, we were treated to our third alpenglow of the week.

### Day 7

### Saturday 30th June

For our last full day, we took the trains to Kleine Scheidegg and on to the Eigergletscher station and, once again, the weather was perfect. Above the station platform, we made our way past the railway tunnel entrance, onto the moraines, below the west ridge of the Eiger. Although, from a distance they looked bare, closer inspection revealed some wonderful plants among the rocks. Most attractive, among these, were Broad-leaved Mouse-ear *Cerastium latifolium*, Mt Cenis Pansy *Viola cenisia* and the deliciously-scented Round-leaved Penny-cress *Thlaspi rotundifolium*. We followed the narrow ridge of the medial moraine back towards the station cafe and it was interesting, here, to note the transition from bare rock to closed turf. There were stunning patches of Moss Campion *Silene acaulis*, beautiful deep-blue Spring Gentians and Large-flowered Leopard's-bane *Doronicum grandiflorum*, looking somewhat out of place, among its tiny neighbours.

We enjoyed coffee and cakes in the station cafe, before venturing out again to the start of the Eiger Trail. We descended far enough to see Glacier Crowfoot *Ranunculus glacialis* growing on the cold north-facing screes, before returning past the station to have lunch. The Alpine Choughs provided great entertainment, as they descended to feed on our leftovers. Our afternoon walk took us steeply down to the end of the moraine and then through mountain pasture, vibrant with Globeflower, Alpine Pasqueflower and Red Campion. A broad limestone ridge followed and led us into a forested section before we finally emerged at Wixi. It wasn't long before we were back

in the hotel at Wengernalp, enjoying the delicious home-made apricot tart, I had ordered earlier in the week -a fitting end to a superb week.

### Day 8

Sunday 1st July

The good food and hospitality offered by the Hotel Berghaus had, as always, been faultless and we thanked Aldino, Martina and their staff for helping to make such a memorable week. After a relaxed breakfast, we had time for a last look around, before wandering down to the station for our mid-morning train to Zurich.

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### **Species Lists**

Plants (# = cultivated or naturalised)

#### Latin Name

#### PTERIDOPHYTES

Aspleniaceae Asplenium adiantum-nigrum Asplenium ruta-muraria Asplenium septentrionale Asplenium trichomanes Asplenium viride

Blechnaceae Blechnum spicant

Dennstaedtiaceae Pteridium aquilinum

#### Dryopteridacaeae

Dryopteris affinis Dryopteris carthusiana Dryopteris dilatata Dryopteris expansa Dryopteris filix-mas Dryopteris submontana Gymnocarpium dryopteris Gymnocarpium robertianum Polystichum lonchitis

#### Equisetaceae

Equisetum arvense Equisetum palustre Equisetum sylvaticum

#### Lycopodiaceae

Diphasiastrum alpinum Huperzia selago Lycopodium annotinum Lycopodium clavatum

**Ophioglossaceae** Botrychium lunaria

Polypodiaceae Polypodium vulgare

Selaginellaceae Selaginella selaginoides

Thelypteridaceae Oreopteris limbosperma Phegopteris connectilis Common Name

Notes

#### FERNS AND FERN ALLIES

#### Spleenwort Family Black Spleenwort Wall-rue Forked Spleenwort Maidenhair Spleenwort Green Spleenwort

Hard-fern Family Hard-fern

Bracken Family Bracken

#### **Buckler-fern Family**

Scaly Male-fern Narrow Buckler-fern Broad Buckler-fern Northern Buckler-fern Male-fern Rigid Buckler-fern Oak Fern Limestone Fern Holly-fern

#### **Horsetail Family**

Field Horsetail Marsh Horsetail Wood Horsetail

#### **Clubmoss Family**

Alpine Clubmoss Fir Clubmoss Interrupted Clubmoss Stag's-horn Clubmoss

Adder's-tongue Family Moonwort

Polypody Family Common Polypody

Lesser Clubmoss Family Lesser Clubmoss

Marsh Fern Family Lemon-scented Fern Beech Fern

Shady cliffs Walls Rare, on rocks Walls and cliffs Mountain rocks

Locally common

Valley woodland

Widespread Damp scrub Frequent Damp scrub Widespread Limestone rocks. Oberberghorn Woods and rocks. Local Limestone rocks. Oberberghorn Mountain rocks

Meadows and tracksides Wet pasture Woods and damp pasture

Occasional. Mountain turf Frequent. Acidic pasture Local. Almend Local. Above Grutschalp

Short turf. Widespread

Occasional on rocks

Occasional in turf

Green Alder scrub and woods Woods. Occasional

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#### Woodsiaceae

Athyrium distentifolium Athyrium filix-femina Cystopteris alpina Cystopteris fragilis Cystopteris montana Woodsia alpina

#### GYMNOSPERMS

Cupressaceae Juniperus communis subsp. nana

#### Pinaceae

Larix decidua Picea abies Pinus cembra ‡ Pinus mugo Pinus sylvestris Pseudotsuga menziesii ‡

#### ANGIOSPERMS

#### DICOTYLEDONS

#### Adoxaceae

Adoxa moschatellina Sambucus ebulus Sambucus nigra Sambucus racemosa Viburnum lantana Viburnum opulus

#### Amaranthaceae Chenopodium bonus-henricus

#### Apiaceae

Astrantia major Astrantia minor Athamanta cretensis Bupleurum stellatum Chaerophyllum hirsutum Daucus carota Heracleum sphondylium Imperatoraia ostruthium Laserpitium halleri Laserpitium latifolium Ligusticum mutellina Ligusticum mutellinoides Pimpinella major Pimpinella saxifraga

#### **Common Name**

Lady-fern Family Alpine Lady-fern Lady-fern Alpine Bladder-fern Brittle Bladder-fern Mountain Bladder-fern Alpine Woodsia

#### CONIFERS

Juniper Family Common Juniper

#### **Pine Family**

Larch Norway Spruce Arolla Pine Dwarf Mountain-pine Scots Pine Douglas Fir

#### FLOWERING PLANTS

Moschatel Family Moschatel Dwarf Elder Common Elder Alpine Elder Wayfaring-tree Guelder-rose

#### Goosefoot Family Good-King-Henry

#### **Carrot Family**

Astrantia Lesser Astrantia Athamanta Starry Hare's-ear Hairy Chervil Wild Carrot Hogweed Masterwort Haller's Sermountain Broad-leaved Sermountain Alpine Lovage Unbranched Lovage Greater Burnet-saxifrage

#### Notes

Mountain woods. Above Murren Occasional Rare. Grutschalp Frequent on rocks Local. Trummelbach Rare. Almendhubel

Mountain pasture

Occasional Forests Occasional Tree-line Widespread Forest below Wengen

Rare. Mannlichen Lowland. Wilderswil Woods Occasional. Rocky places Woods below Wengen Woods below Wengen

Frequent weed

Meadows Locally common Rocky places and moraines Mountain rocks Woods Wilderswil Common Occasional Trummelbach Mountain pasture High-mountain pasture Common Meadows Apocynaceae Vincetoxicum hirundinaria

#### Araliaceae Hedera helix

Latin Name

#### Asteraceae

Adenostyles alliariae Adenostyles glabra Adenostyles leucophylla Achillea atrata Achillea erba-rotta subsp. moschata Achillea millefolium Antennaria carpathica Antennaria dioica Arnica montana Aster alpinus Bellidastrum michelii Bellis perennis Carduus defloratus Carlina acaulis Centaurea montana Centaurea scabiosa Cicerbita alpina Cirsium acaule Cirsium oleraceum Cirsium palustre Cirsium spinosissimum Crepis aurea Crepis paludosa Doronicum grandiflorum Erigeron alpinus Erigeron annuus Erigeron neglectus Eupatorium cannabinum Gnaphthalium supinum Hieracium aurantiacum ‡ Hieracium lactucella Hieracium murorum Hieracium pilosella Hieracium villosum Homogyne alpina Hypochaeris uniflora Leontodon helveticus Leontodon hispidus Leucanthemopsis alpina Leucanthemum adustum Leucanthemum vulgare Mycelis muralis Petasites albus Petasites paradoxus Prenanthes purpurea Saussurea alpina

#### Common Name

Dogbane Family Swallow-wort

Ivy Family Ivy

#### **Daisy Family**

Adenostyles Hairless Adenostyles White-leaved Adenostyles Dark-stemmed Sneezewort Musk Milfoil Yarrow Carpathian Cat's-foot Cat's-foot Arnica Alpine Aster False Aster Daisy Alpine Thistle Stemless Carline Thistle Mountain Cornflower Greater Knapweed Alpine Blue-sowthistle **Dwarf Thistle** Cabbage Thistle Marsh Thistle Spiniest Thistle Golden Hawk's-beard Marsh Hawk's-beard Large-flowered Leopard's-bane Alpine Fleabane Annual Fleabane **Neglected Fleabane** Hemp Agrimony Dwarf Cudweed Orange Hawkweed A Hawkweed A Hawkweed Mouse-ear Hawkweed Hairy Hawkweed Alpine Colt's-foot Giant Cat's-ear Swiss Hawkbit Alpine Hawkbit Alpine Moon Daisy Mountain Ox-eye **Ox-eye Daisy** Wall Lettuce White Butterbur Alpine Butterbur **Purple Lettuce** Alpine Saw-wort

**Tour Report** 

Notes

Frequent

Occasional

Green Alder scrub Screes. Oberberghorn Screes. Oberberghorn Frequent on limestone Acidic mountain pasture Meadows Occasional. Mountain pasture Common Common Mountain rocks and turf Common Frequent Common Mountain pasture Meadows Meadows Forests and scrub Mountain pasture Common below Wengen Occasional. Wet places Mountain pasture Meadows Wet meadows Screes Mountain rocks. Local Wilderswil Mountain rocks. Local Lowland Snowbeds Wengen Common Occasional Common Mannlichen Mountain turf. Common Mannlichen Mountain turf. Common Acidic pasture Acidic mountain turf Mountain pasture Meadows Walls Mannlichen Mountain pasture Common. Forests Mountain turf

Senecio doronicum Solidago virgaurea Taraxcum alpinum Taraxacum officinale Tragopogon pratensis Tussilago farfara

Balsaminaceae Impatiens parviflora ‡

#### Betulaceae

Alnus glutinosa Alnus incana Alnus viridis Betula pendula Betula pubescens

#### Boraginaceae

Echium vulgare Myosotis alpestris

Brassicaceae Arabis alpina subsp. alpina Barbarea vulgaris Biscutella laevigata Capsella bursa-pastoris Cardamine amara Cardamine flexuosa Cardamine hirsuta Cardamine impatiens Cardamine pratensis subsp. pratensis Cardamine resedifolia Draba aizoides Draba dubia Draba tomentosa Erophila verna Hornungia alpina subsp. alpina Kernera saxatilis Sisymbrium austriacum Thlaspi rotundifolium subsp. rotundifolium

#### Campanulaceae

Campanula barbata Campanula cochleariifolia Campanula rapunculoides Campanula rhomboidalis Campanula scheuchzeri Campanula thyrsoides Campanula trachelium Phyteuma betonicifolium Phyteuma hemisphaericum Phyteuma orbiculare Phyteuma spicatum

#### Common Name

Chamois Ragwort Goldenrod Alpine Dandelion Dandelion Goat's-beard Colt's-foot

Balsam Family Small Balsam

Birch Family Common Alder Grey Alder Green Alder Silver Birch Downy Birch

**Borage Family** Viper's Bugloss Alpine Forget-me-not

#### Cabbage Family

Alpine Rock-cress Winter-cress **Buckler Mustard** Shepherd's-purse Large Bitter-cress Wavy Bitter-cress Hairy Bitter-cress Narrow-leaved Bitter-cress Lady's Smock Mignonette-leaved Bitter-cress Yellow Whitlowgrass Austrian Whitlowgrass Wooly Whitlowgrass Spring Whitlowgrass Chamois Cress Rock Kernera Austrian Rocket Round-leaved Penny-cress

#### **Bellflower Family**

Bearded Bellflower Fairy's-thimble Creeping Bellflower Broad-leaved Bellflower Scheuchzer's Bellflower Yellow Bellflower Nettle-leaved Bellflower Betony-leaved Rampion Globe-headed Rampion Round-headed Rampion Spiked Rampion

#### Notes

Limestone rocks and scree Mountain pasture Screes Widespread Meadows Damp places. Widespread

Woods below Wengen

Valleys, by rivers Valleys, by rivers Wet mountain slopes Widespread Frequent

Below Wengen Common

Alpine rocks Wet places, mostly lowland Mountain turf and moraine Widespread Streamsides Wet places Occasional Damp places Wet places Mountain rocks Moraines Rocky places Rocks. Almendhubel Occasional Mountain rocks and screes Limestone rocks. Waste places Moraines and screes

Mountain turf Screes Wilderswil Common in meadows Mountain turf Schynige Platte Woods Acidic pasture Mountain Rocks Meadows. Frequent Meadows. Frequent

### Cannabaceae

Humulus lupulus

#### Caprifoliaceae

Knautia dipsacifolia Lonicera alpigena Lonicera caerulea Lonicera xylosteum Scabiosa columbaria Scabiosa lucida Succisa pratensis Valeriana dioica Valeriana officinalis Valeriana tripteris

#### Caryophyllaceae

Arenaria biflora Cerastium arvense subsp. strictum Cerastium cerastoides Cerastium fontanum Cerastium latifolium Dianthus carthusianorum Dianthus superbus ‡ Dianthus sylvestris Gypsophila repens Minuartia sedoides Minuartia verna Moehringia ciliata Moehringia muscosa Sagina procumbens Sagina saginoides Silene acaulis Silene diocia Silene nutans Silene rupestris Silene vulgaris Stellaria graminea Stellaria media Stellaria nemorum

#### Celastraceae Parnassia palustris

**Cistaceae** Helianthemum nummularium subsp. grandiflorum Helianthemum oelandicum subsp. alpestre

Cornaceae Cornus sanguinea

Corylaceae Corylus avellana

#### Common Name

Hop Family Hop

#### Honeysuckle Family

Wood Scabious Alpine Honeysuckle Blue-berried Honeysuckle Fly Honeysuckle Small Scabious Shining Scabious Devil's-bit Scabious Marsh Valerian Common Valerian Three-leaved Valerian

#### **Pink Family**

**Two-flowered Sandwort** Field Mouse-ear Starwort Mouse-ear Common Mouse-ear Broad-leaved Mouse-ear Carthusian Pink Large Pink Wood Pink Alpine Gypsophila Mossy Cyphel Vernal Sandwort Creeping Sandwort Mossy Sandwort **Procumbent Pearlwort** Alpine Pearlwort Moss Campion **Red Campion** Nottingham Catchfly **Rock Campion** Bladder Campion Lesser Stitchwort Common Chickweed Wood Stitchwort

Spindle Family Grass-of-Parnassus

#### Rockrose Family Large-flowered Common Rockrose Alpine Rockrose

Dogwood Family Dogwood

Hazel Family Hazel

#### Notes

**Below Wengen** 

#### Common Occasional. Forests Green Alder scrub Woods Common in Iowlands Meadows Damp meadows Wet pasture Damp meadows Woods

Screes Frequent Rocks and pasture Common Moraines and screes Almendhubel Railway banks below Almend Rocks. Local Frequent Alpine turf Rocky places Screes Shady places. Local Common Alpine turf and screes Mountain turf Frequent. Meadows Occasional. Rocks Common on rocks Occasional. Meadows Occasional Occasional Woods

Damp flushes

Common Frequent

Woods

Woods

#### Crassulaceae

Rhodiola rosea ‡ Sedum acre Sedum album Sedum alpestre Sedum atratum Sedum dasyphyllum Sedum hispanicum ‡ Sedum spurium ‡ Sedum rubens Sempervivum montanum

### Cuscutaceae

Cuscuta epithymum

#### Ericaceae

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

#### Euphorbiaceae

Euphorbia cyparissias Mercurialis perennis

#### Fabaceae

Anthyllis vulneraria subsp. alpestris Astragalus alpinus Astragalus australis Astragalus frigidus Coronilla emerus Coronilla vaginalis Hedysarum hedysaroides Hippocrepis comosa Lathyrus laevigatus subsp. occidentalis Lathyrus pratensis Lotus alpinus Melilotus albus Onobrychis arenaria Onobrychis montana Ononis repens Oxytropis campestris Oxtropis jacquinii

#### Common Name

#### **Stonecrop Family**

Roseroot Biting Stonecrop White Stonecrop Alpine Stonecrop Dark Stonecrop Thick-leaved Stonecrop Spanish Stonecrop Caucasian Stonecrop Reddish Stonecrop Mountain Houseleek

Dodder Family Common Dodder

#### Heather Family

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

#### Spurge Family

Cypress Spurge Dog's Mercury

#### Pea Family

Alpine Kidney Vetch Alpine Milk-vetch Southern Milk-vetch Pallid Milk-vetch False Senna Small Scorpion-vetch Alpine Sainfoin Horseshoe Vetch Yellow Pea Meadow Vetchling Alpine Bird's-foot-trefoil White Melilot Small Sainfoin Mountain Sainfoin Common Restharrow Yellow Milk-vetch Mountain Milk-vetch

#### Notes

Alpine Garden Occasional Walls. Wengen Mountain rocks Mountain rocks Walls and rocks Naturalised. Wengen Wengen Rocks Common on rocks

#### Frequent

Occasional. Mountain turf Acidic heaths Frequent Acidic heaths Frequent on limestone Acidic heaths Forest Forest Forest Common Common on limestone Common Common Common

Frequent on limestone Woods

Mountain pasture Mountain turf Mountain turf Limestone cliffs Occasional **Cliffs below Wengen** Mountain pasture Common Oberberghorn Meadows Mountain turf Lowland Occasional Mountain pasture **Below Wengen** Locally common Moraines. Local

Robinia pseudoacacia ‡ Securigera varia Trifolium alpinum Trifolium badium Trifolium montanum Trifolium pratense Trifolium repens Trifolium thalii Vicia cracca Vicia sepium Vicia sylvatica

#### Fagaceae

Castanea sativa ‡ Fagus sylvatica Quercus petraea Quercus robur

#### Gentianaceae

Gentiana acaulis Gentiana asclepiadea Gentiana bavarica Gentiana brachyphylla Gentiana clusii Gentiana lutea Gentinan purpurea Gentiana verna

#### Geraniaceae

Geranium pyrenaicum Geranium robertianum Geranium sylvaticum

Hypericaceae Hypericum maculatum

#### Juglandaceae Juglans regia ‡

#### Lamiaceae

Ajuga pyramidalis Ajuga reptans Betonica officinalis Clinopodium alpinum Clinopodium vulgare Galeopsis tetrahit Glechoma hederacea Lamiastrum galeobdolon Lamium maculatum Lamium purpureum Origanum vulgare Prunella grandiflora Prunella vulgaris

#### Common Name

False Acacia Crown Vetch Alpine Clover Brown Clover Mountain Clover Red Clover White Clover Thal's Clover Tufted Vetch Bush Vetch Wood Vetch

#### **Beech Family**

Sweet Chestnut Beech Sessile Oak Pedunculate Oak

**Gentian Family** Trumpet Gentian Willow Gentian Bavarian Gentian Short-leaved Gentian Clusius' Gentian

Great Yellow Gentian Purple Gentian Spring Gentian

Crane's-bill Family Pyrenean Crane's-bill Herb Robert Wood Crane's-bill

St John's-wort Family Imperforate St John's-wort

Walnut Family Walnut

#### **Dead-nettle Family**

Pyramidal Bugle Common Bugle Betony Alpine Calamint Wild Basil Common Hemp-nettle Ground-ivy Yellow Archangel Spotted Dead-nettle Red Dead-nettle Marjoram Large-flowered Self-heal Self-heal

#### Notes

Lowlands Wilderswil Common Mountain meadows Mountain pasture Meadows Frequent Mountain turf and scree Frequent Occasional Woods

Occasional Valley forest Frequent. Woods Occasional

Mountain pasture

Woods on limestone Marshes Alpine turf Limestone pasture Mountain pasture Green Alder scrub and pasture Mountain pasture

Occasional Occasional Common

Frequent

Occasional

Locally common Common Meadows Occasional. Rocky banks Frequent Occasional Woods Woods Occasional Occasional Occasional. Meadows Meadows. Trummelbach Common

Salvia glutinosa Salvia pratensis Stachys alpina Stachys sylvatica Teucrium chamaedrys Teucrium montanum Teucrium scorodonia Thymus polytrichus

Lentibulariaceae Pinguicula alpina Pinguicula vulgaris

#### Linaceae Linum alpinum ‡ Linum catharticum

Oleaceae Fraxinus excelsior Ligustrum vulgare

Onagraceae Chamerion angustifolium Epilobium alpestre Epilobium alsinifolium Epilobium anagallidifolium Epilobium hirsutum Epilobium montanum

Orobanchaceae Bartsia alpina Euphrasia minima Euphrasia officinalis subsp. monticola Euphrasia officinalis subsp. pratensis Melampyrum pratense Melampyrum sylvaticum Orobanche alba Orobanche caryophyllacea Pedicularis foliosa Pedicularis oederi Pedicularis tuberosa Pedicularis verticillata Rhinanthus alectorolophus Rhinanthus glacialis Rhinanthus minor

### Oxalidaceae

Oxalis acetosella

#### Plantaginaceae

Digitalis grandiflora Erinus alpinus Globularia cordifolia

#### Common Name

Sticky Clary Meadow Clary Alpine Woundwort Hedge Woundwort Wall Germander Mountain Germander Wood Sage Wild Thyme

Butterwort Family Alpine Butterwort Common Butterwort

Flax Family Alpine Flax Fairy Flax

Ash Family Ash Wild Privet

### Willowherb Family

Rosebay Willowherb Whorled-leaved Willowherb Chickweed Willowherb Pimpernel-leaved Willowherb Great Willowherb Broad-leaved Willowherb

**Broomrape Family** Alpine Bartsia Dwarf Eyebright Montane Eyebright Rostkov's Eyebright Common Cow-wheat Small Cow-wheat Thyme Broomrape **Clove-scented Broomrape** Leafy Lousewort Crimson-tipped Lousewort Long-beaked Yellow Lousewort Whorled Lousewort Greater Yellow-rattle Glacier Yellow-rattle Yellow-rattle

Wood-sorrel Family Wood-sorrel

Plantain and Speedwell Family Large Yellow Foxglove Fairy Foxglove Matted Globularia

#### Notes

Forest. Wilderwil Meadows. Trummelbach Below Wengen Woods Below Wengen Trummelbach Woods Common

Mountain rocks and turf Wet turf

Wengernalp and Alpine Garden Common

Lowland Lowland

Occasional Frequent Frequent Frequent Lowlands Occasional

Mountain turf Local. Mountain pasture Mountain pasture Valley meadows Woods Forest Occasional Occasional Local. Limestone pasture Alpine turf Acidic turf Mountain turf Common. Meadows Mountain pasture Uncommon. Pasture

Shaded rocks

Local. Forest Frequent Frequent

Globularia nudicaulis Linaria alpina Plantago alpina Plantago atrata Plantago major Plantago maritima subsp. serpentina Plantago media Plantago lanceolata Veronica alpina Veronica aphylla Veronica beccabunga Veronica bellidioides Veronica chamaedrys Veronica fruticans Veronica fruticulosa Veronica officinalis Veronica serpyllifolia Veronica urticifolia

#### Polygalaceae

Polygala alpestris Polygala chamaebuxus Polygala vulgaris

#### Polygonaceae

Fallopia japonica ‡ Oxyria digyna Persicaria bistorta Persicaria vivipara Rumex acetosa Rumex acetosella Rumex alpestris Rumex alpinus Rumex obtusifolius Rumex scutatus

#### Primulaceae

Androsace chamaejasme Androsace helvetica Androsace obtusifolia Androsace pubescens Lysimachia nemorum Primula auricula Primula elatior Primula farinosa Primula farinosa Primula hirsuta Primula veris Soldanella alpina

#### Ranunculaceae

Aconitum lycoctonum subsp. vulparia Aconitum napellus agg. Actaea spicata

#### Common Name

Leafless-stemmed Globularia Alpine Toadflax Alpine Plantain Dark Plantain Greater Plantain Fleshy Plantain Hoary Plantain **Ribwort Plantain** Alpine Speedwell Leafless-stemmed Speedwell Brooklime Violet Speedwell Germander Speedwell **Rock Speedwell** A Rock Speedwell Heath Speedwell Thyme-leaved Speedwell Nettle-leaved Speedwell

#### Milkwort Family

Mountain Milkwort Shrubby Milkwort Common Milkwort

#### Dock Family

Japanese Knotweed Mountain Sorrel Common Bistort Alpine Bistort Common Sorrel Sheep's Sorrel Mountain Dock Monk's-rhubarb Broad-leaved Dock French Sorrel

#### **Primrose Family**

Ciliate Rock-jasmine Swiss Rock-jasmine Blunt-leaved Rock-jasmine Hairy Rock-jasmine Yellow Pimpernel Auricula Oxlip Bird's-eye Primrose Hairy Primrose Cowslip Alpine Snowbell

Buttercup Family Wolf's-bane Monk's-hood Baneberry

#### Notes

Frequent Moraine and scree Mountain turf Mountain turf Occasional Frequent Occasional Occasional Stony mountain pasture Stony mountain pasture Wet places Acidic pasture **Below Wengen** Mountain rocks Oberberghorn Woods Frequent Woods

Common Frequent on rocks Frequent

Lowland Mountain rocks and scree Damp pasture Common. Mountain turf Widespread Acidic pasture Mountain pasture Disturbed mountain pasture Occasional Rocks and scree

Frequent Alpine cliffs Acidic turf Rare. Mountain rocks Damp woods Mountain rocks and turf Snowbeds Mountain turf Acidic rocks Below Wengen Common

Frequent. Forest Damp meadows Woods

Anemone narcissiflora Anemone nemorosa Aquilegia alpina Aquilegia atrata Caltha palustris Clematis alpina ‡ Clematis vitalba Hepatica nobilis Pulsatilla alpina subsp. alpina Pulsatilla alpina subsp. apiifolia Pulsatilla vernalis Ranunculus aconitifolius Ranunculus acris Ranunculus alpestris Ranunculus glacialis Ranunculus kuepferi Ranunculus montanus Ranunculus parnassifolius ‡ Ranunculus repens Thalictrum alpinum Thalictrum aquilegiifolium Thalictrum foetidum Trollius europaeus

#### Rhamnaceae

Rhamnus alpinus Rhamnus pumilus

#### Rosaceae

Agrimonia eupatoria Alchemilla alpina Alchemilla conjuncta Alchemilla glabra Alchemilla pentaphyllea Alchemilla vulgaris agg. Alchemilla xanthochlora Aruncus dioicus Cotoneaster integerrima Crataegus monogyna Dryas octopetala Filipendula ulmaria Fragaria vesca Geum montanum Geum rivale Geum urbanum Potentilla crantzii Potentilla erecta Potentilla sterilis Poterium sanguisorba Prunus avium Rosa canina Rosa glauca Rosa micrantha

#### Common Name

Narcissus-flowered Anemone Wood Anemone Alpine Columbine **Dark Columbine** Marsh-marigold **Alpine Clematis** Old Man's Beard Liverleaf Alpine Pasqueflower Alpine Pasqueflower Spring Pasqueflower Aconite-leaved Buttercup Meadow Buttercup Alpine Buttercup **Glacier Crowfoot** Kupfer's Buttercup Mountain Buttercup Parnassus-leaved Buttercup **Creeping Buttercup** Alpine Meadow-rue Great Meadow-rue Stinking Meadow-rue Globeflower

#### **Buckthorn Family**

Alpine Buchthorn Dwarf Buckthorn

#### **Rose Family**

Agrimony Alpine Lady's-mantle Silver Lady's-mantle Smooth Lady's-mantle Cut-leaved Lady's-mantle Lady's-mantle Pale Lady's-mantle Goat's-beard Spiraea Wild Cotoneaster Hawthorn Mountain Avens Meadowsweet Wild Strawberry Alpine Avens Water Avens Herb Bennet Alpine Cinquefoil Tormentil **Barren Strawberry** Salad Burnet Wild Cherry Dog-rose Blue-leaved Rose Small-flowered Sweet-briar

#### Notes

Mountain pasture Woods Rare. Biglenalp, Eiger Forest and meadows Flushes and streamsides Alpine Garden Common. Lowland Woodland Frequent on limestone Frequent on acidic soils Locally commom Locally common Common Snowbeds, Common Alpine screes. Eiger Locally common Mountain pasture Alpine Garden Occasional. Meadows Uncommon. Alpine turf Mountain meadows Trummelbach Common

Rocky places Limestone rocks. Oberberghorn

Occasional. Lowland Common Frequent Frequent Snowbeds Frequent Frequent Woods. Below Wengen Mountain rocks. Oberberghorn Woods Mountain rocks and scree Lowland meadows Woods and pasture Mountain turf Occasional. Wet pasture Woods Common. Mountain turf Acidic turf Frequent Widespread Woods Below Wengen Occasional Occasional

Rosa pendulina Rosa rubiginosa Rubus idaeus Rubus saxatilis Sibbaldia procumbens Sorbus aria Sorbus aucuparia Sorbus chamaemespilus

#### Rubiaceae

Galium megalospermum Galium mollugo Galium odoratum Galium pumilum Galium verum

#### Salicaceae

Populus alba Populus tremula Salix aurita Salix breviserrata Salix hastata Salix glaucosericea Salix hegetschweileri Salix herbacea Salix reticulata Salix reticulata Salix retusa Salix serpyllifolia

#### Santalaceae

Thesium alpinum

#### Sapindaceae

Acer campestre Acer platanoides Acer pseudoplatanus

#### Saxifragaceae

Saxifraga aizoides Saxifraga androsacea Saxifraga bryoides Saxifraga caesia Saxifraga exarata subsp. moschata Saxifraga oppositifolia Saxifraga paniculata Saxifraga rotundifolia Saxifraga stellaris

Scrophulariaceae Verbascum nigrum

Solanaceae Atropa bella-donna

#### Common Name

Alpine Rose Sweet-briar Raspberry Stone Bramble Sibbaldia Whitebeam Rowan False-medlar

#### Madder Family

Swiss Bedstraw Hedge Bedstraw Woodruff Slender Bedstraw Lady's Bedstraw

#### Willow Family

White Poplar Aspen Eared Willow Finely-toothed Willow Large-stipuled Willow Silky Willow Alpine Willow Least Willow Net-leaved Willow Retuse-leaved Willow

#### Bastard-toadflax Family Alpine Bastard-toadflax

Maple Family Field Maple Norway Maple Sycamore

#### Saxifrage Family

Yellow Mountain Saxifrage Scree Saxifrage Mossy Saxifrage Blue Saxifrage Musky Saxifrage Purple Saxifrage Livelong Saxifrage Round-leaved Saxifrage Starry Saxifrage

Figwort Family Dark Mullein

Nightshade Family Deadly Nightshade

#### Notes

Frequent. Mountains Below Wengen Woods Occasional. Rocky places Snowbeds Occasional. Woods Woods Mountain pasture

Moraines Meadows Woods Frequent Meadows

Lowland Occasional Widespread Occasional Local. Lauberhorn Local. Lauberhorn Mountain turf Mountain turf Alpine rocks and turf Alpine rocks and turf

Occasional. Pasture

Frequent Occasional Common

Wet turf and scree Damp scree and snowbeds Acidic rocks Limestone rocks and scree Mountain rocks Rocks, moraine and scree Rocks Damp shaded rocks Acidic flushes

Lowland

Forest. Wilderswil

Thymelaeaceae Daphne mezereum

Tiliaceae Tilia cordata Tilia platyphyllos

**Ulmaceae** *Ulmus glabra* 

Urticaceae Urtica dioica

#### Violaceae

Viola biflora Viola calcarata Viola cenisia Viola lutea Viola palustris Viola riviniana Viola tricolor

#### MONOCOTYLEDONS

Amaryllidaceae Allium schoenoprasum Allium victorialis

#### Asparagaceae

Anthericum liliago Anthericum ramosum Convallaria majalis Maianthemum bifolium Paradisea liliastrum Polygonatum multiflorum Polygonatum odoratum Polygonatum verticillatum

Colchicaceae Colchicum autumnale

#### Cyperaceae

Carex atrata Carex canescens Carex capillaris Carex caryophyllea Carex curvula Carex davalliana Carex davalliana Carex echinata Carex ferruginea Carex flacca Carex flava Caex nigra

#### Common Name

Mezereon Family Mezereon

Lime Family Small-leaved Lime Large-leaved Lime

Elm Family Wych Elm

Nettle Family Common Nettle

Violet Family Yellow Wood Violet Long-spurred Pansy Mt Cenis Pansy Mountain Pansy Marsh Violet Common Dog-violet Wild Pansy

Daffodil Family Chives Alpine Leek

#### **Asparagus Family**

St Bernard's Lily Branched St Bernard's Lily Lily-of-the-Valley May Lily St Bruno's Lily Solomon's-seal Angular Solomon's-seal Whorled Solomon's-seal

Meadow Saffron Family Meadow Saffron

#### Sedge Family

Black Alpine Sedge White Sedge Hair Sedge Spring Sedge An alpine Sedge Davall's Sedge Star Sedge Rusty Sedge Glaucous Sedge Yellow Sedge Black Sedge Notes

Local. Mountain pasture

Lowland Lowland

Valley woods

Widespread

Common Locally common Moraine and scree Locally common Common Local

Occasional. Mountains Uncommon. Mountain pasture

Meadow above Wengen Trummelbach Limestone cliffs and scree Mountain woods Local. Mountain pasture Lowland woods Limestone cliffs and scree Occasional. Forests

Meadows below Wengen

Wet mountain pasture Wet mountain pasture Wet mountain pasture Dry pasture Dominant. Mountain turf Wet calcareous turf Frequent Dominant. Limestone turf Common Marshes Common

Carex panicea Carex rostrata Carex sempervirens Eriophorum angustfolium Eriophorum latifolium Eriophorum scheuchzeri Eriophorum vaginatum

Iridaceae Crocus vernus

#### Juncacae

Juncus alpinoarticulatus Juncus jacquinii Juncus trifidus Juncus triglumis Luzula alpinopilosa Luzula lutea Luzula multiflora Luzula spicata Luzula sylvatica

Liliaceae Gagea fistulosa Gagea serotina Lilium martagon Streptopus amplexifolius

Melanthiaceae Paris quadrifolia Veratrum album

Orchidaceae Cephalantha longifolia Cephalanthera rubra Chamorchis alpina Coeloglossum viride Corallorhiza trifida Cypripedium calceolus Dactylorhiza fuchsii Dactylorhiza maculata Dactylorhiza majalis Epipactis atrorubens Epipactis helleborine Gymnadenia conopsea Gymnadenia odoratissima Gymnadenia rhellicani Gymnadenia x suaveolens (G.conopsea x G.rhellicani) Neotinea ustulata Neottia cordata Neottia nidus-avis Neottia ovata

#### Common Name

Carnation Sedge Bottle Sedge Evergreen Sedge Common Cottongrass Broad-leaved Cottongrass Scheuchzer's Cottongrass Hare's-tail Cottongrass

Iris Family Spring Crocus

**Rush Family** 

Alpine Rush Jacquin's Rush Three-leaved Rush Three-flowered Rush Alpine Wood-rush Yellow Wood-rush Heath Wood-rush Spiked Wood-rush Great Wood-rush

Lily Family A Yellow Star-of-Bethlehem Snowdon Lily Martagon Lily Streptopus

Herb-Paris Family Herb-Paris White False-helleborine

**Orchid Family** Narrow-leaved Helleborine **Red Helleborine** Dwarf Orchid Frog Orchid **Coralroot Orchid** Lady's-slipper Common Spotted-orchid Heath Spotted-orchid Broad-leaved Marsh-orchid Dark-red Helleborine **Broad-leaved Helleborine** Fragrant-orchid Short-spurred Fragrant-orchid Vanilla Orchid A hybrid orchid **Burnt Orchid** 

Lesser Twayblade Bird's-nest Orchid Twayblade Notes

Common Pond margins Mountain grassland on limestone Wet flushes and bogs Marshes Occasional. Bogs Acidic bogs

Common

Wet mountain pasture Wet mountain pasture Acidic mountain turf Acidic mountain turf Mountain turf Mountain turf Mountain turf Mountain turf Woods

Uncommon. Mountain turf Mountain turf Woods Occasional. Forests

Local. Woods Mountain pasture

Frequent. Woods Trummelbach Local Frequent Local. Forests I ocal Damp base-rich soils Acidic soils Common Frequent. Forests Frequent. Forests Common Trummelbach Locally common Wixi Uncommon. Mountain pasture Locally common Frequent. Forests Locally common

Orchis mascula Platanthera bifolia Platanthera chlorantha Pseudorchis albida Traunsteinera globosa

#### Poaceae

Agropyron repens Agrostis capillaris Anthoxanthum alpinum Anthoxanthum odoratum Arrhenatherum elatius Brachypodium sylvaticum Briza media Bromus hordeaceus Bromus sterilis Cynosurus cristatus Dactylis glomerata Deschampsia cespitosa Deschampsia flexuosa Festuca ovina Festuca rubra Festuca violacea Holcus lanatus Holcus mollis Koeleria macrantha Lolium perenne Melica uniflora Nardus stricta Phleum alpinum Phleum pratense Poa alpina Poa annua Poa pratensis Poa nemoralis Poa supina Poa trivialis Schedonorus pratensis Sesleria caerulea

#### **Common Name**

Early-purple Orchid Lesser Butterfly-orchid Greater Butterfly-orchid Small-white Orchid Round-headed Orchid

#### **Grass Family**

Common Couch Common Bent Alpine Vernal-grass Sweet Vernal-grass False Oat-grass False Brome Quaking-grass Soft Brome Barren Brome Crested Dog's-tail Cock's-foot **Tufted Hair-grass** Wavy Hair-grass Sheep's-fescue **Red Fescue** Violet Fescue Yorkshire-fog **Creeping Soft-grass** Crested Hair-grass Perennial Rye-grass Wood Melick Mat-grass Alpine Timothy Timothy Alpine Meadow-grass Annual Meadow-grass Smooth Meadow-grass Wood Meadow-grass Creeping Meadow-grass Rough Meadow-grass Meadow Fescue Blue Moor-grass

### Scottish Asphodel Family Tofield's Asphodel

Notes

Common Locally frequent. Forests Local. Woods Common. Mountain turf Local

Occasional Common Frequent. Mountain turf Common Common Woods Locally common Frequent Frequent Common Common Wet mountain pasture Acidic mountain turf Common Common Mountain turf Locally common Locally common Frequent Frequent Woods Common Frequent. Mountain pasture Common Common Common on trackways Common. Meadows Frequent Frequent Frequent Common Common. Limestone pasture

#### Common

#### Birds ( $\checkmark$ =recorded but not counted; H = heard only)

		June/July									
	Common name	Latin name	24	25	26	27	28	29	30	1	
1	Mute Swan	Cygnus olor	✓								
2	Great Crested Grebe	Podiceps cristatus	✓								
3	Red Kite	Milvus milvus	✓					✓	✓		
4	Black Kite	Milvus migrans	✓								
5	Bearded Vulture	Gypaetus barbatus			✓						
6	Common Buzzard	Buteo buteo	✓				✓	✓	✓		

Tofieldiaceae

Tofieldia calyculata

			June/July									
	Common name	Latin name	24	25	26	27	28	29	30	1		
7	Eurasian Coot	Fulica atra	✓									
8	Black-headed Gull	Chroicocephalus ridibundus	$\checkmark$									
9	Yellow-legged Gull	Larus michahellis	$\checkmark$									
10	Common Wood Pigeon	Columba palumbus	✓									
11	Eurasian Collared Dove	Streptopelia decaocto	$\checkmark$					✓				
12	Common Swift	Apus apus	$\checkmark$		✓	✓	✓	✓	✓			
13	Black Woodpecker	Dryocopus martius				✓						
14	Eurasian Jay	Garrulus glandarius				✓	✓					
15	Eurasian Magpie	Pica pica						✓				
16	Spotted Nutcracker	Nucifraga caryocatactes			✓	✓	✓					
17	Alpine Chough	Pyrrhocorax graculus		✓	✓	✓	✓	✓	✓			
18	Carrion Crow	Corvus corone	✓	✓	✓	✓	✓	✓	✓	✓		
19	Northern Raven	Corvus corax		✓	✓	✓	✓	✓	✓			
20	European Crested Tit	Lophophanes cristatus				✓						
21	Great Tit	Parus major				✓	✓	✓	✓			
22	Barn Swallow	Hirundo rustica	✓					✓				
23	Common House Martin	Delichon urbicum	✓			✓	✓	✓				
24	Willow Warbler	Phylloscopus trochilus					Н					
25	Common Chiffchaff	Phylloscopus collybita					Н		Н			
26	Eurasian Blackcap	Sylvia atricapilla				Н	н					
27	Goldcrest	Regulus regulus				Н						
28	Eurasian Wren	Troglodytes troglodytes				Н						
29	Eurasian Treecreeper	Certhia familiaris				✓						
30	Ring Ouzel	Turdus torquatus		✓								
31	Common Blackbird	Turdus merula	✓	✓	✓	✓	✓	✓	✓	✓		
32	Fieldfare	Turdus pilaris					✓					
33	Mistle Thrush	Turdus viscivorus				✓						
34	Rufous-tailed Rock Thrush	Monticola saxatilis					✓					
35	European Robin	Erithacus rubecula	Н									
36	Black Redstart	Phoenicurus ochruros	✓	✓	✓	✓	✓	✓	✓			
37	Northern Wheatear	Oenanthe oenanthe		✓			✓		✓			
38	House Sparrow	Passer domesticus	✓	✓	✓	✓	✓	✓	✓	✓		
39	White-winged Snowfinch	Montifringilla nivalis		✓								
40	Alpine Accentor	Prunella collaris		✓					✓			
41	Dunnock	Prunella modularis					н					
42	White Wagtail	Motacilla alba	~	✓		✓	✓	✓				
43	Water Pipit	Anthus spinoletta		✓	✓	✓	✓	✓	✓			
44	Common Chaffinch	Fringilla coelebs		✓	✓	✓	✓	✓	✓			
45	European Serin	Serinus serinus		✓	✓	✓	✓	✓				
46	European Greenfinch	Chloris chloris	Н	H		Н						
47	European Goldfinch	Carduelis carduelis	••			√		✓				
48	Common Linnet	Linaria cannabina		✓	✓							
49	Eurasian Bullfinch	Pyrrhula pyrrhula				✓	н					

### Mammals (E=evidence of)

1	Mole	Talpa europaea	Е				Е		
2	Red Squirrel	Sciurus vulgaris			$\checkmark$		✓		
3	Alpine Marmot	Marmota marmota	✓			$\checkmark$		Н	
4	Snow Vole	Microtus nivalis	Е						
5	Alpine Ibex	Capra ibex		✓					
6	Alpine Chamois	Rupicapra rupicapra	✓		✓				

		June/July							
Common name	Latin name	24	25	26	27	28	29	30	1

Amphibians (D = Dead)

1	Common Frog	Rana temporaria		✓			
2	Common Newt	Triturus vulgaris	$\checkmark$	✓			
3	Alpine Salamander	Salamandra afra	D		D		

### **Butterflies**

1	Swallowtail	Papilio machaon		✓	✓	✓	✓	✓	
2	Black-veined White	Aporia crataegi			✓	✓		✓	
3	Large White	Pieris brassicae					✓		
4	Small White	Pieris rapae		✓	✓	✓	✓	✓	
5	Mountain Green-veined White	Pieris bryoniae		✓	✓				
6	Peak White	Pontia callidice						✓	
7	Orange Tip	Anthocharis cardamines		✓		✓			
8	Clouded Yellow	Colias crocea					✓		
9	Mountain Clouded Yellow	Colias phicomone		✓	✓				
10	Wood White	Leptidea sinapis		✓					
11	Green Hairstreak	Callophrys rubi		$\checkmark$			✓		
12	Little Blue	Cupido minimus	✓	✓	✓	✓	✓	✓	
13	Alpine Argus	Albulina orbitulus						$\checkmark$	
14	Common Blue	Polyommatus icarus	✓	$\checkmark$	✓	✓		✓	
15	Painted Lady	Cynthia cardui	✓	✓	✓	✓	✓	✓	
16	Small Tortoiseshell	Aglais urticae		$\checkmark$	✓	✓	✓	$\checkmark$	
17	Small Pearl-bordered Fritillary	Clossiana selene				✓	✓	✓	
18	Pearl-bordered Fritillary	Clossiana euphrosyne				✓	✓	✓	
19	Marbled White	Melanargia galathea			✓				
20	Meadow Brown	Maniola jurtina		✓	✓	✓			
21	Alpine Heath	Coenonympha gardetta		✓	✓			✓	
22	Speckled Wood	Pararge aegeria			✓	✓			
23	Dingy Skipper	Erynnis tages		✓					
24	Essex Skipper	Thymelicus lineolus			✓	✓			
25	Grizzled Skipper	Pyrgus malvae		✓					

### Moths (L=larva)

1	Hummingbird Hawkmoth	Macroglossum stellatarum	✓		✓	✓	✓	✓	
2	Chimney Sweeper	Odezia atrata				✓			
3	Lackey Moth	Malacosoma neustria		L					
4	Latticed Heath	Chiasmia clathrata					✓		

## Dragonflies

1	White-faced Darter	Leucorrhinia dubia		✓			
Ot	horo						
Οl	hers						
	An alpine leaf beetle	Oreina gloriosa			1		