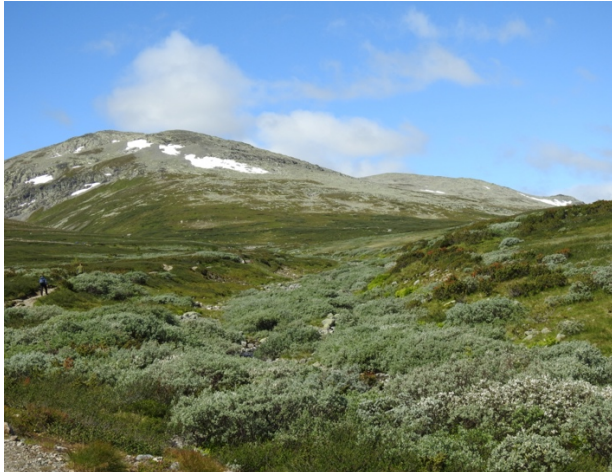


Norway – Alpine Flowers of the Gol Plateau

Naturetrek Tour Report

2nd – 9th July 2022



Skogshorn



Glacier Crowfoot



Moor-King



Geranium Argus

Tour report & images by Jessica Turner



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Summary

The Gol Plateau of west-central Norway has a delightful flora and fauna. We explored a variety of habitats: meadows, open woodland, moor, arctic heath and bog, plus the rocky slopes of Skogshorn, a local mountain. The abundant willows showed soft greens and greys, with the dark-blue of Northern Wolf's-bane, and we enjoyed the delicate pink Twinflower, reportedly Linnaeus's favourite flower. A wonderful mass of lichens added extra interest. Venturing further afield, we sampled 'Norway in a Nutshell', the fascinating Flåm railway, and the dramatic beauty of a couple of branches of the mighty Sognefjord. Common Cranes were regularly in the field behind the hotel, with Short-eared Owl and an Elk also being seen by some. Excellent hospitality, delicious food and great company all added up to an extremely enjoyable week.

My thanks to all the group for your enthusiasm, spotting and identification skills, and especially to Peter and Jane Howsam for the list of lichens and fungi.

Day 1

Saturday 2nd July

Fly Heathrow to Oslo – Transfer to Kamben

Four group members met Jessica at Heathrow Terminal 2 for the 10.20am SAS flight to Oslo Gardermoen. The flight was slightly delayed but was smooth, and having collected our bags, we met up with the other two group members who had flown from Edinburgh. We were then collected by Morton, the brother of Martin, the co-proprietor of the hotel. We quickly loaded our luggage into the vehicle and made our way out of the airport and onto the E16, the main Bergen road. As we went, we enjoyed the colourful patches of Large-leaved Lupin (*Lupinus polyphyllus*), Ox-eye Daisy (*Leucanthemum vulgare*) and Red Campion (*Silene dioica*). We also noted a Hooded Crow, Magpie, Common Swift, Barn Swallow and Fieldfares. Our route took us north-west from the capital, passing through Jevnaker and the outskirts of Hønefoss, where we took a short break. White Wagtails and Tree Sparrows were round the garage forecourt. We continued north-west to Gol and up on to Golsfjellet and the Kamben Høyfjellshotell, our base for the week. Many of the verges were bright with Wood Crane's-bill (*Geranium sylvaticum*). We reached the hotel at about 6.30pm, and were welcomed by Elin and Martin, the co-proprietors.

After we had settled into our rooms, we met up to enjoy a delicious dinner, and Jessica outlined plans for the week. Afterwards, most of us were ready for our beds, after a long day of travel.

Day 2

Sunday 3rd July

Hallingen - Skutuset - Brautemo

John reported a distant Elk and Eurasian Curlew seen from the room last night, while Common Quail, a rare bird in Norway, was also calling from the field behind the hotel.

Our first full day of the tour was spent exploring the boreal forests of the Gol Plateau. Leaving the hotel at 9am, we were driven by Martin the short distance down the track towards Hallingen, where he dropped us at the beginning of the path leading to the settlement of Skutuset. There was plenty of the delicate Chickweed Wintergreen (*Lysimachia*, formerly *Trientalis europaea*), One-flowered Wintergreen (*Moneses uniflora*), and Small Cow-

wheat (*Melampyrum sylvaticum*). A little further on, we added Alpine Speedwell (*Veronica alpina*), Oak Fern (*Gymnocarpium dryopteris*), Interrupted Clubmoss (*Lycopodium annotinum*) and the tiny Lesser Twayblade (*Neottia cordata*), with a few plants in flower. We also looked at two of the Willows common in the area, Downy Willow (*Salix lapponum*) and *Salix starkeana*. In an open bog we recorded Cranberry (*Vaccinium oxycoccos*), which we noted growing mainly on the raised, mossy hummocks, Bog Rosemary (*Andromeda polifolia*), Marsh Lousewort (*Pedicularis palustris*), and Early Marsh-orchid (*Dactylorhiza incarnata* subsp. *pulchella*). Where it was slightly drier around the edge, we added Cloudberry (*Rubus chamaemorus*), although not in flower, and Frog Orchid (*Dactylorhiza viridis*). Willow Warblers and Chaffinches were singing.

We continued along the path, looking for blue markers, through the understorey of Bilberry (*Vaccinium myrtillus*), Bog Bilberry (*V. uliginosum*), Cowberry (*V. vitis-idaea*) and occasional Crowberry (*Empetrum nigrum*), noting the differences and similarities between them. We also found some Blue Mountain Heath (*Phyllodoce caerulea*), a group of Coralroot Orchids (*Corallorhiza trifida*), past their best, and the seeding heads of Arctic Butterbur (*Petasites frigidus*). In a more open area, we found a beautiful bank of Heartsease (*Viola tricolor*), with mainly purple flowers, Northern Wolf's-bane (*Aconitum septentrionale*) and Caraway (*Carum carvi*). Butterflies included good numbers of Geranium Argus on the abundant Wood Crane's-bill, and Pearl-bordered Fritillaries. In another wet area, we found Large Bitter-cress (*Cardamine amara*), Scottish Asphodel (*Tofieldia pusilla*) and more Common Butterwort (*Pinguicula vulgaris*). We also noted a spike of the moorland-dwelling Heath Fragrant-orchid (*Gymnadenia borealis*).

We had our picnic on a rise, overlooking the mountains, enjoying our surroundings and the distant mountains. The path was not easy to find, but we emerged at the right point onto a minor road at the small hamlet of Skutuset. Here, Sibbaldia (*Sibbaldia procumbens*) was growing on the roadside, although not flowering, while a roadside wood held the white-flowered buttercup *Ranunculus platanifolius*, Herb-Paris (*Paris quadrifolia*) and Whorled Solomon's-seal (*Polygonatum verticillatum*). From Skutuset we turned south, with Fieldfares, Hooded Crows and a circling, calling, Peregrine Falcon. The path led downhill towards the tiny settlement of Brautemo, passing through more boreal forest littered with lichen-covered rocky outcrops interspersed with more wet flushes, mires and streams. Unfortunately, the building cloud gave way to rain, and the path, tricky in places with fallen trees, was often very wet underfoot. There were plenty of Elk droppings and we also saw Capercaillie droppings on the path. The abundance and range of lichens was fantastic, among them Star Reindeer Lichen (*Cladonia stellaris*) looked like masses of pale grey cauliflower heads, while *Bryoria fuscescens* looked like tufts of Elk hair caught on twigs.

The rain eased and when we reached the road, Martin soon arrived to collect us, and return us to the hotel, where we had some time to relax before completing our lists for a fascinating first full day and enjoying another excellent dinner. Two Cranes were in the field, seen distantly but clearly through the telescope. Later, John reported a Short-eared Owl hunting across the field.

Day 3

Monday 4th July

Solseter to Gol

Today dawned fine and sunny, and the Cranes were reported along with the Quail and Curlew calling. After another delicious breakfast and with picnics made, Martin drove us to the little settlement of Solseter, half-way between our hotel and Gol.

We took the path, which crosses the road in several places, down to the town of Gol. The early part of the route

was through more semi-open, wet forest. Here we found Twinflower (*Linnaea borealis*), and both Small and Common Cow-wheat (*Melampyrum sylvaticum* and *M. pratense*), so we could compare them. Willow Warbler was seen, and moths included Common Heath, Latticed Heath, Common White Wave, Burnet Companion and the dramatically marked micro moth, White-spotted Sable. Further on we saw Crossbills and Siskins in the top of the Spruce, while Great Spotted Woodpecker was calling, and there were some fine stands of Common Spotted-orchids (*Dactylorhiza fuchsii*). We emerged into an open area where tree-felling had taken place, leaving a few standing Scots Pine (*Pinus sylvestris*) and Downy Birch (*Betula pubescens*). Here we noted the delicate heads of Wavy Hair-grass (*Avenella flexuosa*) and Rock Catchfly (*Atocion rupestris*). A real treat here was a family group of three Black Woodpeckers, calling and flying between the bare trunks of the trees, showing extremely well.

The habitat changed to a series of meadows and track verges with species such as Caraway (*Carum carvi*), Meadowsweet (*Filipendula ulmaria*), Meadow Vetchling (*Lathyrus pratensis*) and more flowering Northern Wolf's-bane. A family group of Whinchats were flitting between posts, Spotted Flycatcher was seen, Blackcap heard, and Swifts, House Martins and Swallows were overhead. Orange Tip, Red Admiral, Small Tortoiseshell and Mazarine Blue butterflies were noted, and a Common Hawker dragonfly was basking on the fence. A beautiful little beetle was identified as Dead-nettle Leaf Beetle.

Unfortunately, the clouds were again building, and a rumble of thunder was heard, before the heavens opened and there was a very heavy shower with hail. (Back on the plateau at Kamben, Lesley reported that a white-out, although it didn't last. She also reported good views of Blackcap.) We continued our descent along a forestry track through Scots Pines as well as Norway Spruce, with Aspen (*Populus tremula*), Beech Fern (*Phegopteris connectilis*), Bearberry (*Arctostaphylos uva-ursi*), Lesser Butterfly Orchid (*Platanthera bifolia*) and plenty of delicate Twinflower. We found a selection of lichen-covered rocks for our picnic, being observed by a young Red Squirrel from a tree opposite.

The last section of the path narrowed and here, on mossy boulders, were several spikes of Creeping Lady's-tresses (*Goodyera repens*), none quite open yet, and another Spotted Flycatcher was seen. The path emerged on the outskirts of Gol, from where we walked into the town in another shower, enjoying a hot drink and the chance for a little shopping while we waited to be met by the hotel minibus.

After a break, we met to update our lists and enjoy another meal in the company of the Cranes.

Day 4

Tuesday 5th July

Norway in a Nutshell': Gol – Myrdal – Flåm – Gudvangen

Today we went on the 'Norway in a nutshell' excursion. After breakfast at 7.30am, we left at 8.40am for Martin to drive us to Gol station for the 9.20am train towards Bergen. The train took us south-west along Hallingdal before turning north-west and climbing into the mountains, where the number of snow patches increased, as did the cloud. From the comfort of the train, we were able to continue to enjoy the dramatic scenery of this part of western Norway and, as we approached Finse, the highest station on the Oslo to Bergen route at 1222 metres and with no public road access, there were some rather grey views of the Hardanger Glacier through the drizzle.

At Myrdal we transferred to the famous Flåm Railway. Completed in 1940, this unique railway took 20 years to build, and drops 864 metres in 20 kilometres to Flåm, through stunning scenery, not least of which was the scheduled stop to view the thundering power of the mighty Kjosfossen: the Kjos Waterfall, with clouds of spray blowing over. Plenty of Roseroot (*Rhodiola rosea*) was growing on the cliffs, along with Rock Redcurrant (*Ribes*

petraea). We continued the descent, reaching fjord-level just before 12.30pm.

The next stage of our journey was scheduled for 3.20pm, so we had plenty of time to have our picnic and to explore the busy village and its surroundings. Oystercatchers were feeding on a lawn, House Martins and Swallows were over the river, and White Wagtails and House Sparrows were plentiful. Two newly fledged Common Gulls were stretching their wings in a little pool, watched by the parent birds, while plants round the edge included Purple Loosestrife (*Lysimachia purpurea*). Behind the small bay was Marjoram (*Origanum vulgare*), Common Burnet-saxifrage (*Pimpinella saxifraga*) and Red-berried Elder (*Sambucus racemosa*), with Forked Spleenwort (*Asplenium septentrionale*), Maidenhair Spleenwort (*A. trichomanes*) and Oblong Woodsia (*Woodsia ilvensis*) growing on a boulder. Those who explored the other side of the inlets found some fine spikes of the dramatic Pyramidal Saxifrage (*Saxifraga cotyledon*), with its cascade of flowers from the basal rosette; this localised plant favours slightly damp rock ledges or crevices and is monocarpic – it only flowers once, after several years, and then dies. A spike of Dark-red Helleborine (*Epipactis atrorubens*) and Spotted Flycatchers feeding a couple of fledglings were also seen.

We re-gathered in good time for our two-hour cruise, setting off along Aurlandsfjorden, a branch of Sognefjord, in the virtually silent electric boat with the different levels outside all connected by long ramps, and large panorama windows. The weather was still showery and the chance to warm up inside periodically was appreciated! We enjoyed the fantastic scenery of steep cliffs with dramatic waterfalls, and tiny, picturesque settlements. Common Gulls were flying around, and one Herring Gull was on a marker. As we turned into the UNESCO-designated Nærøyfjorden, we added several Black Guillemots, a couple of Harbour Porpoises and a Common Sandpiper, while a flock of goats were grazing on the sheer fjord edges.

Martin was waiting for us at Gudvangen to drive us back to Gol, initially through several long road tunnels, including the longest in Europe at nearly 25 kilometres. We drove through Laerdal, famous for its fruit-growing, and he offered us some local strawberries. We then took the historic road along the river through Borgund, where we stopped briefly to look at the magnificent, old stave-church, which dates from around 1180 and it is one of the most complete remaining examples of these medieval buildings. We re-joined the main road, driving back through Helmsdal, seeing a group of five Cranes in a newly mown field. We arrived back at the hotel at 8.30pm and were soon enjoying another delicious dinner, with three Cranes in the field behind. At the end of the meal, we had a brief glimpse of the Short-eared Owl. Although a long day, we all agreed that it had been most enjoyable.

Day 5

Wednesday 6th July

Skutuset – Syningen – Kamben; Storefjell

We woke to very clear morning with wonderful cloud formations. After breakfast, we were taken to the small hamlet of Skutuset that we had touched on the first day. We set off in a northerly direction, along the track leading to Syningen, a small hill which is a local viewpoint at 1031 metres above sea level. Willow Warbler, Siskins, Greenfinch and Fieldfares were flying round and calling, and a Seven-spot Ladybird was almost the only insect noted for the day. As we walked, we enjoyed the now-familiar species which made up the heath and bog through which we were passing. Our path rose towards the hill, and we paused to look at some rocks, where we found the tiny, hairy Oblong Woodsia, Alpine Lady-fern (*Athyrium distentifolium*) and Annual Stonecrop (*Sedum annuum*), with its reddish leaves and yellow flowers. We then made our way to the summit, where we enjoyed the extensive views, although it was quite windy. Here there was Black Alpine Sedge (*Carex atrata*), Dwarf Willow (*Salix herbacea*) and

Alpine Bearberry (*Arctous alpina*), although with no signs of flowers or berries. We looked down the steep north-west side, to an area of shale scree, where we could see several patches of Tufted Saxifrage (*Saxifraga caespitosa*), but all the white flowers were over, so we didn't go down.

We left the hill on the east side, with the path running through partially felled, open scrub and woodland, emerging onto a gravelled road edged by ditches where we found Starry Saxifrage (*Micranthes stellaris*) and Yellow Saxifrage (*Saxifraga aizoides*), the latter still in bud. We noted the many building plots and new cabins in this area. The weather had turned grey with initially light rain, so we opted to continue the walk and have our picnic back at the hotel, in the dry. On the edge of the road, we found One-flowered Fleabane (*Erigeron uniflorus*), with more by another beautiful stream, together with a single flower of Rock Speedwell (*Veronica fruticans*). We then took a track leading up to the hotel, agreeing on the beauty of a field bright with yellow and purple of carpets of Meadow Buttercups (*Ranunculus acris*) and Wood Crane's-bill, red Sorrel (*Rumex acetosa*) and white Rough Chervil (*Chaerophyllum temulum*).

The rain was now persistent, so we enjoyed our picnic in the warmth and dry of the hotel, where most had a quiet afternoon. A couple of us went out again later, in the rain, taking the track towards Storefjell, where we noted the old remains of Snow Gentian (*Gentiana nivalis*), but could not find any new growth, and Sibbaldia in bud. We took a path towards a small pond, with a large patch of Alpine Milk-vetch (*Astragalus alpinus*) flowering well, and in the wetter areas, a spike of Cuckooflower (*Cardamine pratensis*), Chestnut Rush (*Juncus castaneus*). Scottish Asphodel, and some fine Bog Rosemary.

We returned to the hotel to dry out, update our lists and enjoy another excellent meal watching the Cranes.

Day 6

Thursday 7th July

Skogshorn

When we met for breakfast this morning, we shared reports of sightings from the rooms, including Bullfinch and Greenfinch on the edge of the lawn, Willow Tit in the Rowan and, most excitingly, John saw a male Elk walking across the field below the hotel grounds at about 7.45am.

Our target today was climbing at least the lower and middle slopes of Skogshorn, which stands out at 1728 metres above sea level, and is both interesting botanically and has lovely views. In contrast to yesterday, it was a beautifully sunny and clear day, but with quite a strong wind. Martin drove us around the edge of Golsfjellet, along the Helmsdal road and under the sheer face of Skogshorn, to the car park, which was the starting point for our walk. The path climbs gently but steadily northwards from the road, before turning west, where it begins to get steeper. It then bears south-west and up the steepest section to the summit. The path has been restored to reduce erosion, with massive stone blocks laid (apparently by Nepalese sherpas!) as steps in places.

As we set off up the path, we had good but brief views of a pair of Pied Flycatchers. The path ran above a stream, with plenty of taller Downy Birch (*Betula pubescens*) and some Spruce (*Picea abies*) as well as Downy Willow (*Salix lapponum*) and Woolly Willow (*Salix lanata*), and hybrids, giving way to lower vegetation with Dwarf Birch (*Betula nana*) and Dwarf Juniper (*Juniperus communis* var. *saxatilis*) as the path rose. Wet areas held flowering Marsh Cinquefoil (*Comarum palustre*), good patches of Bog Rosemary, Scheuchzer's Cotton-grass (*Eriophorum scheuchzeri*) and fine Heath Spotted-orchids (*Dactylorhiza maculata*), and further up, we added Marsh Violet (*Viola palustris*), Starwort Mouse-ear (*Dichodon cerastoides*), Starry Saxifrage and a large patch of Cloudberry still covered in flowers.

An area of Willow scrub along the stream proved good for birds with a female Bluethroat collecting food, a pair of Northern Wheatear and later a male Reed Bunting, as well as Willow Warblers and Meadow Pipits.

This habitat gave way to an upper area of rough gravel paths and boulder-strewn hillsides, with some large snow patches. We were more exposed to the force of the wind here and were pleased to find a sheltered hollow for our picnic, where the sun felt quite warm, and we could admire the magnificent scenery. As the path climbed, the vegetation became more prostrate and ground-hugging, with Dwarf Willow, Crowberry, and Alpine Bearberry already in fruit. We started to find large patches of Training Azalea (*Kalmia procumbens*), mainly over although we did manage to find a few of the pretty, star-like, pink flowers. We also found a small patch of the diminutive Cassiope (*Cassiope hypnoides*) but sadly, it was also over. We added Moss Campion (*Silene acaulis*) and quite a lot of Fir Clubmoss (*Huperzia selago*). A windswept brown butterfly was probably a Dewy Ringlet, and a Netted Mountain Moth was photographed. In the lee of a boulder was a beautiful patch of Glacier Crowfoot (*Ranunculus glacialis*) which we admired before we started the descent. Peter had opted to climb to the summit, reporting several clumps of the Glacier Crowfoot when he caught up with us on the lower slopes.

A wet area on the way down had Round-leaved Sundew (*Drosera rotundifolia*) growing alongside Common Butterwort (*Pinguicula vulgaris*), and two fritillaries here were identified as Bog Fritillary. A Dipper was heard but not seen along the stream by the car park. Martin soon arrived to collect us, driving us back by a different route through the northern part of Golsfjellet, along the southern shore of Tisleifjorden lake to Oset and then back south to Kamben, so we could see more of the area. We were quite weary, both from our exertions and the force of the wind, but agreed it had been another lovely day.

Day 7

Friday 8th July

Grønlie – Krististølen – Gomobu - Vasetstølen

Today we travelled out to Grønlie, the furthest of any of our local daily excursions. Leaving the hotel, we travelled north. We crossed the dam at the eastern end of the Tisleifjorden, seeing a Red Squirrel running across the road, before turning north-west and following the northern shore of the fjord through Langestølen, then north-east to Nøsen and Rensenn. Another kilometre or so further on, we stopped at the small, remote, viewpoint car park at Grønlie, with magnificent views of the snowy mountains in the distance. Although it was fine and very clear, the wind was fresh. We walked along a track towards the hamlet of Krististølen, then took a path over a rocky outcrop, where we found Trailing Azalea, again, all over, and Alpine Clubmoss (*Lycopodium*, formerly *Diphasiastrum*, *alpinum*). We found some droppings of Willow Ptarmigan and, moments later, one took off from an area of scrub, calling loudly and giving good views. We dropped down onto sub-arctic heath, seeing plenty of Blue Mountain Heath and a Kestrel which flew along the rocky cliff face. A Brown Hawker dragonfly was basking on a rock and an Emerald species, most likely Brilliant Emerald, was seen very briefly. A pair of Ring Ouzels were gathering food, perching on bushes and the cliff face and, as we were watching the male, a Bluethroat landed in front but quickly disappeared and was not relocated. A little further on, Meadow Pipits and a pair of Northern Wheatears were agitated until the Kestrel flew off from the cliff. The heath was dominated by Dwarf Birch and we found a hybrid with Downy Birch, *Betula* \times *intermedia*. Wetter areas were dominated by Common Cotton-grass (*Eriophorum angustifolium*) with some Hare's-tail and Scheuchzer's Cotton-grasses (*E. vaginatum* and *E. scheuchzeri*) and *Sphagnum* mosses. The path passed a large lake, with Marsh Lousewort (*Pedicularis palustris*) in very boggy areas, and we eventually found some lemon-coloured Lapland Lousewort (*P. lapponicum*) in a slightly drier habitat.

We reached a knoll with plenty of Downy Birch, where a Cuckoo flew off silently, and ate our picnic on the side, enjoying the beautiful area. As we dropped down towards a stream, we came across a patch of Alpine Bartsia (*Bartsia alpina*) and the delightful Yellow Wood Violet (*Viola biflora*). Our path across the heath area ended at Gomobu, where we walked through the settlement, looking at the construction of the houses with their living roofs and their traditional garden fences. A short diversion gave us some lovely views of a pair of Pied Flycatchers at a nestbox, and a clump of Serrated Wintergreen (*Orthilia secunda*), before we joined another path down to the lake at Vasetstølen. On a streamside rock we found a patch of Drooping Saxifrage (*Saxifraga cernua*), nicely in flower.

At the lakeside we found a good number of plants of the large lousewort Moor-King (*Pedicularis sceptrum-carolinum*), some still in bud but others flowering beautifully. Most of us then had refreshments in the café, but John continued to explore, having great views of a Cuckoo perched nearby. Martin soon arrived to collect us and drove us back by another moorland route with magnificent views. After updating our lists, we enjoyed our final excellent dinner together. Afterwards the two waiters, Dobrev and Stefan, who are both musicians entertained us with Dobrev on the trumpet and Stefan on piano: a lovely conclusion to the day.

Day 8

Saturday 9th July

Kamben to Oslo – Fly London Heathrow

Our last morning dawned fine. A group of nine Cranes flew in, calling, to join the four already in the fields. The White Wagtails, Fieldfares and Siskins were round the hotel as usual. After breakfast at 7.30am, we loaded the hotel minibus and left just after 8.30am because once again, the road was due to be closed for the cycle race. We said our goodbyes and thanks to Elin at the hotel and Martin drove us to the airport. We took a different route today, via Valdres, with more wonderful scenery to enjoy. A pair of Tufted Duck were on a lake, a Roe Deer crossed the road in front of us, and two Cranes were in a field. We stopped for a break at Nes i Ardal, before driving along Sperrin fjord then turning east to reach Gardermoen. We made good time, with most of the group being dropped at departures and the last two at their airport hotel before a Sunday flight to Edinburgh. The check-in was efficient, and we were soon near the zone F departure gates, ready for our 3.05pm flight. We were a little late taking off but made up time on the journey, after a most enjoyable exploration of this part of Norway.

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Species lists

Flora & lichens

Note: This list follows the nomenclature and taxonomic amendments based on DNA analysis made by the APG IV working group and supported by the Royal Botanic Gardens, Kew and the Missouri Botanic Garden, among others. Later updates follow Kew's Plants of the World Online

Common name	Scientific name	Day	Location
Lycopodiaceae	Clubmoss Family		
<i>Huperzia selago</i>	Fir Clubmoss	6	Skogshorn
<i>Lycopodium annotinum</i>	Interrupted Clubmoss	2	Hallingen - Brautemo
<i>Lycopodium alpinum</i>	Alpine Clubmoss	7	Grønlie - Vasetstølen
Equisetaceae	Horsetail Family		
<i>Equisetum fluviatile</i>	Water Horsetail	5	Skutuset - Kamben
<i>Equisetum palustre</i>	Marsh Horsetail	2	Hallingen - Brautemo
<i>Equisetum sylvaticum</i>	Wood Horsetail	2	Hallingen - Brautemo
<i>Equisetum pratense</i>	Shady Horsetail	3	Solseter - Gol
<i>Equisetum arvense</i>	Common Horsetail	5	Skutuset - Kamben
Ophioglossaceae	Adder's-tongue family		
<i>Botrychium lunaria</i>	Moonwort	2	Hallingen - Brautemo
Dennstaedtiaceae	Bracken Family		
<i>Pteridium aquilinum</i>	Bracken	4	Norway in a Nutshell
Cystopteridaceae	Bladder-fern Family		
<i>Gymnocarpium dryopteris</i>	Oak Fern	2	Hallingen - Brautemo
Aspleniaceae	Spleenwort Family		
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	4	Flåm
<i>Asplenium septentrionale</i>	Forked Spleenwort	4	Flåm

Common name	Scientific name	Day	Location
Woodsiaceae	Woodsia Family		
<i>Woodsia ilvensis</i>	Oblong Woodsia	5	Syningen
Athyriaceae	Lady-fern Family		
<i>Athyrium distentifolium</i>	Alpine Lady-fern	5	Syningen
<i>Athyrium filix-femina</i>	Lady-fern	3	Solseter - Gol
Thelypteridaceae	Marsh Fern Family		
<i>Phegopteris connectilis</i>	Beech Fern	3	Solseter - Gol
Dryopteridaceae	Buckler-fern Family		
<i>Dryopteris expansa</i>	Northern Buckler-fern	4	Myrdal - Flåm
Polypodiaceae	Polypody Family		
<i>Polypodium vulgare</i> agg.	Common Polypody	3	Solseter - Gol
Pinaceae	Pine Family		
<i>Picea abies</i> subsp. <i>abies</i>	Norway Spruce	2	Hallingen - Brautemo
<i>Larix decidua</i>	European Larch	2	Hallingen - Brautemo
<i>Pinus sylvestris</i>	Scots Pine	3	Solseter - Gol
Cupressaceae	Juniper Family		
<i>Juniperus communis</i>	Juniper	2	Hallingen - Brautemo
<i>Juniperus communis</i> var. <i>saxatilis</i>	Dwarf Juniper	5	Skutuset - Kamben
Tofieldiaceae	Scottish Asphodel Family		
<i>Tofieldia pusilla</i>	Scottish Asphodel	2	Hallingen - Brautemo
Juncaginaceae	Arrowgrass Family		
<i>Triglochin palustris</i>	Marsh Arrowgrass	2	Hallingen - Brautemo
Melanthiaceae	Herb-Paris Family		
<i>Paris quadrifolia</i>	Herb-Paris	2	Hallingen - Brautemo
Orchidaceae	Orchid Family		
<i>Neottia cordata</i>	Lesser Twayblade	2	Hallingen - Brautemo
<i>Goodyera repens</i>	Creeping Ladies Tresses	3	Solseter - Gol
<i>Corallorhiza trifida</i>	Coralroot Orchid	2	Hallingen - Brautemo
<i>Platanthera bifolia</i>	Lesser Butterfly Orchid	3	Solseter - Gol
<i>Gymnadenia densiflora</i>	Marsh Fragrant Orchid	2	Hallingen - Brautemo
<i>Dactylorhiza viridis</i>	Frog Orchid	2	Hallingen - Brautemo
<i>Dactylorhiza incarnata</i> subsp. <i>pulchella</i>	Early Marsh Orchid	2	Hallingen - Brautemo
<i>Dactylorhiza fuchsii</i>	Common Spotted Orchid	3	Solseter - Gol
<i>Dactylorhiza maculata</i>	Heath Spotted Orchid	6	Skogshorn
<i>Epipactis atrorubens</i>	Dark-red Helleborine	4	Flåm
Asparagaceae	Asparagus Family		
<i>Maianthemum bifolium</i>	May Lily	2	Hallingen - Brautemo

Common name	Scientific name	Day	Location
<i>Polygonatum verticillatum</i>	Whorled Solomon's-seal	2	Hallingen - Brautemo
<i>Polygonatum odoratum</i>	Angular Solomon's-seal	3	Solseter - Gol
Juncaceae	Rush Family		
<i>Oreojuncus trifidus</i>	Three-leaved Rush	5	Skutuset - Kamben
<i>Juncus castaneus</i>	Chestnut Rush	5	Storefjell
<i>Luzula multiflora</i> agg.	Heath Woodrush	3	Solseter - Gol
<i>Luzula spicata</i>	Spiked Woodrush	5	Storefjell
Cyperaceae	Sedge Family		
<i>Eriophorum angustifolium</i>	Common Cotton-grass	2	Hallingen - Brautemo
<i>Eriophorum latifolium</i>	Broad-leaved Cotton-grass	2	Hallingen - Brautemo
<i>Eriophorum vaginatum</i>	Hare's-tail Cotton-grass	2	Hallingen - Brautemo
<i>Eriophorum scheuchzeri</i>	Scheuchzer's Cotton-grass	2	Hallingen - Brautemo
<i>Trichophorum alpinum</i>	Cotton Deergrass	2	Hallingen - Brautemo
<i>Trichophorum cespitosum</i>	Northern Deergrass	5	Skutuset - Kamben
<i>Eleocharis quinqueflora</i>	Few-flowered Spike-rush	5	Storefjell
<i>Carex canescens</i>	White Sedge	2	Hallingen - Brautemo
<i>Carex rostrata</i>	Bottle Sedge	5	Storefjell
<i>Carex capillaris</i>	Hair Sedge	2	Hallingen - Brautemo
<i>Carex panicea</i>	Carnation Sedge	5	Skutuset - Kamben
<i>Carex vaginata</i>	Sheathed Sedge	5	Skutuset - Kamben
<i>Carex demissa</i>	Common Yellow Sedge	2	Hallingen - Brautemo
<i>Carex atrata</i>	Black Alpine Sedge	5	Syningen
<i>Carex bigelowii</i>	Stiff Sedge	7	Grønlie - Vasetstølen
<i>Carex nigra</i>	Common Sedge	7	Grønlie - Vasetstølen
<i>Carex pauciflora</i>	Few-flowered Sedge	2	Near Brautemo
Poaceae	Grass Family		
<i>Melica nutans</i>	Mountain Melick	3	Solseter - Gol
<i>Phleum alpinum</i>	Alpine Cat's-tail	2	Hallingen - Brautemo
<i>Avenella flexuosa</i>	Wavy Hair-grass	3	Solseter - Gol
<i>Festuca rubra</i> agg	Red Fescue	2	Hallingen - Brautemo
Ranunculaceae	Buttercup Family		
<i>Thalictrum alpinum</i>	Alpine Meadow-rue	2	Hallingen - Brautemo
<i>Trollius europaeus</i>	Globeflower	5	Kamben
<i>Aconitum septentrionale</i>	Northern Wolf's-bane	2	Hallingen - Brautemo
<i>Ranunculus acris</i>	Meadow Buttercup	2	Hallingen - Brautemo
<i>Ranunculus platanifolius</i>	a white-flowered Buttercup	2	Hallingen - Brautemo
<i>Ranunculus glacialis</i>	Glacier Crowfoot	6	Skogshorn
Grossulariaceae	Gooseberry Family		
<i>Ribes rubrum</i>	Red Currant	5	Skutuset - Kamben
Saxifragaceae	Saxifrage Family		
<i>Micranthes stellaris</i>	Starry Saxifrage	5	Skutuset - Kamben
<i>Saxifraga cotyledon</i>	Pyramidal Saxifrage	4	Flåm
<i>Saxifraga aizoides</i>	Yellow Mountain Saxifrage	5	Skutuset - Kamben

Common name	Scientific name	Day	Location
<i>Saxifraga cernua</i>	Drooping Saxiifrage	7	Grønlie - Vasetstølen
<i>Saxifraga cespitosa</i>	Tufted Saxifrage	5	Syningen(over)
Crassulaceae	Stonecrop Family		
<i>Phedimus spurius</i>	Caucasian Stonecrop	3	Solseter - Gol (planted / naturalised)
<i>Sedum acre</i>	Biting Stonecrop	4	Flåm
<i>Sedum album</i>	White Stonecrop	4	Flåm
<i>Sedum villosum</i>	Hairy Stonecrop	2	Hallingen - Brautemo
<i>Sedum annuum</i>	Annual Stonecrop	5	Syningen
<i>Hylotelephium maximum</i>	Large Orpine	3	Solseter - Gol
<i>Rhodiola rosea</i>	Roseroot	4	Myrdal - Flåm
Fabaceae	Pea Family		
<i>Lupinus polyphyllus</i>	Large-leaved Lupin	1	Roadsides
<i>Anthyllis vulneraria</i> agg.	Kidney-vetch	4	Flåm
<i>Lotus corniculatus</i>	Bird's-foot Trefoil	3	Solseter - Gol
<i>Vicia cracca</i>	Tufted Vetch	2	Hallingen - Brautemo
<i>Vicia sepium</i>	Bush Vetch	3	Solseter - Gol
<i>Vicia sylvatica</i>	Wood Vetch	3	Solseter - Gol
<i>Lathyrus pratensis</i>	Meadow Vetchling	3	Solseter - Gol
<i>Trifolium repens</i>	White Clover	2	Hallingen - Brautemo
<i>Trifolium pratense</i>	Red Clover	2	Hallingen - Brautemo
<i>Trifolium medium</i>	Zigzag Clover	3	Solseter - Gol
<i>Astragalus alpinus</i>	Alpine Milk-vetch	5	Storefjell
Rosaceae	Rose Family		
<i>Filipendula ulmaria</i>	Meadowsweet	2	Hallingen - Brautemo
<i>Sorbus aucuparia</i>	Common Rowan	3	Solseter - Gol
<i>Amelanchier ovalis</i>	Snowy Mespilus	3	Solseter - Gol
<i>Rubus chamaemorus</i>	Cloudberry	6	Skogshorn
<i>Rubus idaeus</i>	Raspberry	2	Hallingen - Brautemo
<i>Rubus saxatilis</i>	Stone Bramble	2	Hallingen - Brautemo
<i>Argentina anserina</i>	Silverweed	4	Flåm
<i>Potentilla norvegica</i>	Ternate-leaved Cinquefoil	3	Solseter - Gol
<i>Potentilla crantzii</i>	Alpine Cinquefoil	2	Hallingen - Brautemo
<i>Potentilla erecta</i>	Tormentil	2	Hallingen - Brautemo
<i>Comarum palustre</i>	Marsh Cinquefoil	2	Hallingen - Brautemo
<i>Sibbaldia procumbens</i>	Procumbent Sibbaldia	2	Hallingen - Brautemo
<i>Fragaria vesca</i>	Wild Strawberry	2	Hallingen - Brautemo
<i>Geum rivale</i>	Water Avens	2	Hallingen - Brautemo
<i>Alchemilla alpina</i>	Alpine Lady's-mantle	2	Hallingen - Brautemo
<i>Alchemilla monticola</i>	a Lady's-mantle	2	Hallingen - Brautemo
<i>Rosa rugosa</i>	Japanese Rose	1	Airport (planted)
cf. <i>Rosa dumalis</i>	Glaucous Dog-rose	4	Norway in a Nutshell
Urticaceae	Nettle Family		
<i>Urtica dioica</i> subsp. <i>urtica</i>	Common Nettle	2	Hallingen - Brautemo
Betulaceae	Birch Family		

Common name	Scientific name	Day	Location
<i>Betula pubescens</i>	Downy Birch	2	Hallingen - Brautemo
<i>Betula x intermedia</i>	Downy x Dwarf Birch	7	Grønlie - Vasetstølen
<i>Betula nana</i>	Dwarf Birch	2	Hallingen - Brautemo
<i>Alnus incana</i>	Grey Alder	3	Solseter - Gol
<i>Corylus avellana</i>	Hazel	3	Solseter - Gol
Celastraceae	Spindle Family		
<i>Parnassia palustris</i>	Grass-of-Parnassus	2	Hallingen - Brautemo
Oxalidaceae	Wood-sorrel Family		
<i>Oxalis acetosella</i>	Wood-sorrel	2	Hallingen - Brautemo
Hypericaceae	St. John's-wort Family		
<i>Hypericum maculatum</i>	Imperforate St. John's-wort	2	Hallingen - Brautemo
Violaceae	Violet Family		
<i>Viola canina</i> subsp. <i>ruppii</i>	Mountain Heath Dog Violet	2	Hallingen - Brautemo
<i>Viola palustris</i>	Marsh Violet	6	Skogshorn
<i>Viola epipsila</i>	Northern Marsh Violet	2	Hallingen - Brautemo
<i>Viola biflora</i>	Yellow Wood Violet	7	Grønlie - Vasetstølen
<i>Viola tricolor</i> agg.	Heartsease	2	Hallingen - Brautemo
Salicaceae	Willow & Poplar Family		
<i>Populus tremula</i>	European Aspen	3	Solseter - Gol
<i>Salix herbacea</i>	Dwarf Willow	5	Syningen
<i>Salix lanata</i>	Woolly Willow	5	Skutuset - Kamben
<i>Salix starkeana</i>	a Mountain Willow	2	Hallingen - Brautemo
<i>Salix lapponum</i>	Downy Willow	2	Hallingen - Brautemo
<i>Salix x stuartii</i>	Downy x Woolly Willow	6	Skogshorn
Geraniaceae	Geranium Family		
<i>Geranium sylvaticum</i>	Wood Crane's-bill	2	Hallingen - Brautemo
<i>Geranium robertianum</i>	Herb Robert	4	Norway in a Nutshell
Lythraceae	Loosestrife Family		
<i>Lythrum salicaria</i>	Purple Loosestrife	4	Flåm
Onagraceae	Willowherb Family		
<i>Epilobium angustifolium</i>	Rosebay Willowherb	1	Roadsides
<i>Epilobium alsinifolium</i>	Chickweed Willowherb	6	Skogshorn
Brassicaceae	Cabbage Family		
<i>Thlaspi arvense</i>	Field Penny-cress	3	Solseter - Gol
<i>Arabidopsis arenosa</i>	Tall Rock-cress	4	Norway in a Nutshell
<i>Capsella bursa-pastoris</i>	Shepherd's-purse	3	Solseter - Gol
<i>Barbarea vulgaris</i>	Common Winter-cress	2	Hallingen - Brautemo
<i>Cardamine amara</i>	Large Bitter-cress	2	Hallingen - Brautemo
<i>Cardamine pratensis</i>	Cuckooflower	5	Storefjell

Common name	Scientific name	Day	Location
Polygonaceae	Knotweed Family		
<i>Bistorta vivipara</i>	Alpine Bistort	2	Hallingen - Brautemo
<i>Rumex acetosella</i>	Sheep's Sorrel	2	Hallingen - Brautemo
<i>Rumex acetosa</i>	Common Sorrel	2	Hallingen - Brautemo
<i>Rumex longifolius</i>	Northern Dock	2	Hallingen - Brautemo
Droseraceae	Sundew Family		
<i>Drosera rotundifolia</i>	Common Sundew	6	Skogshorn
Caryophyllaceae	Pink Family		
<i>Sagina procumbens</i>	Procumbent Pearlwort	5	Skutuset - Kamben
<i>Stellaria media</i>	Common Chickweed	3	Solseter - Gol
<i>Stellaria alsine</i>	Bog Stitchwort	5	Skutuset - Kamben
<i>Stellaria graminea</i>	Lesser Stitchwort	2	Hallingen - Brautemo
<i>Dichodon cerastoides</i>	Starwort Mouse-ear	6	Skogshorn
<i>Cerastium arvense</i>	Field Mouse-ear	3	Solseter - Gol
<i>Cerastium alpinum</i>	Alpine Mouse-ear	6	Skogshorn
<i>Silene viscosa</i>	Sticky Catchfly	4	Flåm
<i>Silene vulgaris</i>	Bladder Chasion	3	Solseter - Gol
<i>Silene acaulis</i>	Moss Campion	6	Skogshorn
<i>Silene dioica</i>	Red Campion	2	Hallingen - Brautemo
<i>Atocion rupestre (Silene rupestris)</i>	Rock Campion	3	Solseter - Gol
Primulaceae	Primrose Family		
<i>Lysimachia europaea</i>	Chickweed Wintergreen	2	Hallingen - Brautemo
<i>Lysimachia nummularia</i>	Creeping Jenny	4	Flåm (naturalised)
Ericaceae	Heath family		
<i>Pyrola minor</i>	Common Wintergreen	2	Hallingen - Brautemo
<i>Pyrola rotundifolia</i> agg.	Round-leaved Wintergreen	2	Hallingen - Brautemo
<i>Orthilia secunda</i>	Serrated Wintergreen	2	Hallingen - Brautemo
<i>Moneses uniflora</i>	One-flowered Wintergreen	2	Hallingen - Brautemo
<i>Calluna vulgaris</i>	Heather	2	Hallingen - Brautemo
<i>Cassiope hypnoides</i>	Matted Cassiope	6	Skogshorn
<i>Kalmia procumbens</i>	Trailing Azalea	6	Skogshorn
<i>Phyllodoce caerulea</i>	Blue or Mountain Heath	6	Skogshorn
<i>Arctostaphylos uva-ursi</i>	Bearberry	2	Hallingen - Brautemo
<i>Arctous alpina</i>	Alpine Bearberry	5	Syningen
<i>Andromeda polifolia</i>	Bog Rosemary	2	Hallingen - Brautemo
<i>Vaccinium oxycoccos</i>	Bog Cranberry	2	Hallingen - Brautemo
<i>Vaccinium vitis-idaea</i>	Cowberry	2	Hallingen - Brautemo
<i>Vaccinium uliginosum</i>	Bog Bilberry	2	Hallingen - Brautemo
<i>Vaccinium myrtillus</i>	Common Bilberry	2	Hallingen - Brautemo
<i>Empetrum nigrum</i>	Common Crowberry	2	Hallingen - Brautemo
Rubiaceae	Bedstraw Family		
<i>Galium boreale</i>	Northern Bedstraw	2	Hallingen - Brautemo
<i>Galium palustre</i> agg.	Marsh Bedstraw	3	Solseter - Gol
<i>Galium verum</i>	Lady's Bedstraw	3	Solseter - Gol

Common name	Scientific name	Day	Location
<i>Galium mollugo</i>	Hedge Bedstraw	3	Solseter - Gol
Gentianaceae	Gentian Family		
<i>Gentiana nivalis</i>	Snow Gentian	5	Storefjell (remains)
Boraginaceae	Forget-me-not Family		
<i>Myosotis arvensis</i>	Field Forget-me-not	3	Solseter - Gol
<i>Myosotis laxa</i> subsp. <i>cespitosa</i>	Tufted Forget-me-not	2	Hallingen - Brautemo
Plantaginaceae	Plantain Family		
<i>Linaria vulgaris</i>	Common Toadflax	3	Solseter - Gol
<i>Plantago media</i>	Hoary Plantain	3	Solseter - Gol
<i>Plantago major</i>	Greater Plantain	3	Solseter - Gol
<i>Veronica officinalis</i>	Heath Speedwell	2	Hallingen - Brautemo
<i>Veronica alpina</i>	Alpine Speedwell	2	Hallingen - Brautemo
<i>Veronica fruticans</i>	Rock Speedwell	5	Skutuset - Kamben
<i>Veronica chamaedrys</i>	Germander Speedwell	2	Hallingen - Brautemo
<i>Digitalis purpurea</i>	Foxglove	4	Myrdal - Flåm
Scrophulariaceae	Figwort Family		
<i>Verbascum nigrum</i>	Dark Mullein	4	Flåm
Lentibulariaceae	Bladderwort Family		
<i>Pinguicula vulgaris</i>	Common Butterwort	2	Hallingen - Brautemo
Lamiaceae	Dead-nettle Family		
<i>Prunella vulgaris</i>	Selfheal	2	Hallingen - Brautemo
<i>Origanum vulgare</i>	Wild Marjoram	4	Flåm
<i>Scutellaria galericulata</i>	Skull-cap	4	Flåm
<i>Galeopsis tetrahit</i>	Common Hemp-nettle	3	Solseter - Gol
Orobanchaceae	Broomrape Family		
<i>Pedicularis lapponica</i>	Lapland Lousewort	7	Grønlie - Vasetstølen
<i>Pedicularis palustris</i>	Marsh Lousewort	2	Hallingen - Brautemo
<i>Pedicularis sceptrum-carolinum</i>	Moor King	7	Grønlie - Vasetstølen
<i>Melampyrum pratense</i>	Common Cow-wheat	3	Solseter - Gol
<i>Melampyrum sylvaticum</i>	Small Cow-wheat	2	Hallingen - Brautemo
<i>Bartsia alpina</i>	Alpine Bartsia	2	Hallingen - Brautemo
<i>Rhinanthus</i> agg.	Yellow Rattle	2	Hallingen - Brautemo
Campanulaceae	Bellflower Family		
<i>Campanula rotundifolia</i>	Harebell	3	Solseter - Gol
Menyanthaceae	Bogbean Family		
<i>Menyanthes trifoliata</i>	Bogbean	2	Hallingen - Brautemo
Asteraceae	Daisy Family		
<i>Cirsium heterophyllum</i>	Melancholy Thistle	3	Solseter - Gol
<i>Cirsium palustre</i>	Marsh Thistle	3	Solseter - Gol

Common name	Scientific name	Day	Location
<i>Saussurea alpina</i>	Alpine Saw-wort	5	Skutuset - Kamben
<i>Taraxacum</i> agg.	Dandelion	3	Solseter - Gol
<i>Hieracium villosum</i>	Woolly Hawkweed	5	Skutuset - Kamben
<i>Pilosella lactucella</i>	-	2	Hallingen - Brautemo
<i>Tussilago farfara</i>	Common Colt's-foot	2	Near Brautemo
<i>Petasites frigidus</i>	Arctic Butterbur	2	Hallingen - Brautemo
<i>Senecio vulgaris</i>	Common Groundsel	3	Solseter - Gol
<i>Filago germanica</i>	Common Cudweed	5	Storefjell
<i>Antennaria dioica</i>	Mountain Everlasting	2	Hallingen - Brautemo
<i>Omalotheca norvegica</i>	Highland Cudweed	2	Hallingen - Brautemo
<i>Omalotheca supina</i>	Dwarf Cudweed	6	Skogshorn
<i>Erigeron uniflorus</i>	Dwarf Fleabane	5	Skutuset - Kamben
<i>Solidago virgaurea</i>	European Goldenrod	2	Hallingen - Brautemo
<i>Artemisia vulgaris</i>	Common Mugwort	3	Solseter - Gol
<i>Matricaria discoidea</i>	Pineappleweed	3	Solseter - Gol
<i>Achillea millefolium</i>	European Yarrow	2	Hallingen - Brautemo
<i>Tanacetum vulgare</i>	Common Tansy	3	Solseter - Gol
<i>Tripleurospermum inodorum</i>	Scentless Mayweed	3	Solseter - Gol
<i>Leucanthemum vulgare</i>	Ox-eye Daisy	2	Hallingen - Brautemo
Adoxaceae	Moschatel Family		
<i>Sambucus racemosus</i>	Red-berried Elder	5	Skutuset - Kamben
Caprifoliaceae	Honeysuckle Family		
<i>Linnaea borealis</i>	Twin-flower	2	Hallingen - Brautemo
<i>Knautia arvensis</i>	Field Scabious	3	Solseter - Gol
<i>Valeriana excelsa</i>	Elder-leaved Valerian	7	Grønlie - Vasetstølen
Apiaceae	Carrot Family		
<i>Chaerophyllum temulum</i>	Rough Chervil	3	Solseter - Gol
<i>Pimpinella saxifraga</i>	Common Burnet-saxifrage	4	Flåm
<i>Carum carvi</i>	Caraway	2	Hallingen - Brautemo
<i>Heracleum sibiricum</i>	Siberian Hogweed	3	Solseter - Gol
<i>Angelica sylvestris</i>	Common Angelica	2	Hallingen - Brautemo
LICHENS:			
<i>Arctoparmelia centrifuga</i>	Concentric Ring Lichen	3	
<i>Baeomyces rufus</i>	-	3	
<i>Bryoria fuscescens</i>	Dark threads'	2	
<i>Candelariella vitellina</i>	-	5	
<i>Cetraria icelandica</i>	Iceland Moss	3	
<i>Cetraria nivalis</i>	-	3	
<i>Cladonia chlorophaera</i>		2	
<i>Cladonia coccifera</i>	Red Elf-cup	7	
<i>Cladonia floerkeana</i>		3	
<i>Cladonia portentosa</i>	-	2	
<i>Cladonia rangifera</i>		2	
<i>Cladonia stellaris</i>	Star Reindeer Lichen	2	
<i>Diploschistes scruposus</i>	-	5	

Common name	Scientific name	Day	Location
<i>Haematomma ochroleucum</i>	-	5	
<i>Hypogymnia physodes</i>	-	3	
<i>Lecanora confusa</i>		5	
<i>Ophioparma ventosum</i>	Blood spots'	5	
(<i>Xantho</i>) <i>Parmelia conspersa</i>	-	5	
<i>Parmelia incurva</i>		7	
<i>Parmelia saxatilis</i>	-	3	
<i>Parmelia squarrosa</i>		7	
<i>Platismatia glauca</i>	-	2,3	
<i>Rhizocarpon geographicum</i>	The Map Lichen	5	
<i>Rhizocarpon oederi</i>	-	5	
<i>Usnea dasypoga</i> (<i>U. filipendula</i>)	-	7	
<i>Vulpicida pinastri</i> (<i>Cetraria pinastri</i>)	-	2	
FUNGI:			
<i>Chalciporus piperatus</i>	Peppery Bolete	7	
<i>Fomes fomentarius</i>	Horsehoof Fungus	3	
<i>Gloeophyllum sepiarium</i>	Conifer Mazegill	2	
<i>Lactarius piperatus</i>	Peppery Milkcap	2	
<i>Leccinum scabrum</i>	Brown Birch Bolete	3	
<i>Piptoporus betulinus</i>	Birch Polypore	2	
<i>Russula aquosa</i>	a brittlegill	2	

Birds (H = Heard only)

Common name	Scientific name	July 2022							
		2	3	4	5	6	7	8	9
Whooper Swan	<i>Cygnus cygnus</i>			✓					
Mallard	<i>Anas platyrhynchos</i>	✓			✓			✓	
Tufted Duck	<i>Aythya fuligula</i>								✓
Goosander	<i>Mergus merganser</i>				✓				
Willow Ptarmigan	<i>Lagopus lagopus</i>							✓	
Western Capercaillie	<i>Tetrao urogallus</i>		S						
Common Quail	<i>Coturnix coturnix</i>		H	H	H	H	H	H	
Common Swift	<i>Apus apus</i>	✓	✓	✓	✓			✓	✓
Common Cuckoo	<i>Cuculus canorus</i>							✓	
Common Wood Pigeon	<i>Columba palumbus</i>		✓	✓	✓	✓	✓	✓	✓
Common Crane	<i>Grus grus</i>		✓	✓	✓	✓	✓	✓	✓
Eurasian Oystercatcher	<i>Haematopus ostralegus</i>				✓				
European Golden Plover	<i>Pluvialis apricaria</i>							✓	
Eurasian Curlew	<i>Numenius arquata</i>		✓	H				✓	
Common Snipe	<i>Gallinago gallinago</i>		H						
Common Sandpiper	<i>Actitis hypoleucos</i>				✓				
Common Greenshank	<i>Tringa nebularia</i>					✓			
Common Gull	<i>Larus canus</i>				✓				
European Herring Gull	<i>Larus argentatus</i>	✓			✓				
Black Guillemot	<i>Cepphus grylle</i>				✓				

Common name	Scientific name	July 2022							
		2	3	4	5	6	7	8	9
Short-eared Owl	<i>Asio flammeus</i>		✓		✓				
Great Spotted Woodpecker	<i>Dendrocopos major</i>		✓	✓					
Black Woodpecker	<i>Dryocopus martius</i>			✓					
Common Kestrel	<i>Falco tinnunculus</i>				✓		✓	✓	
Peregrine Falcon	<i>Falco peregrinus</i>		✓	H	✓				
Eurasian Magpie	<i>Pica pica</i>	✓		✓	✓			✓	✓
Western Jackdaw	<i>Coloeus monedula</i>	✓							✓
Hooded Crow	<i>Corvus cornix</i>	✓	✓	✓	✓	✓	✓	✓	✓
Northern Raven	<i>Corvus corax</i>		✓					✓	
European Crested Tit	<i>Lophophanes cristatus</i>			H					
Willow Tit	<i>Poecile montanus</i>		H				✓		
Eurasian Blue Tit	<i>Cyanistes caeruleus</i>			✓					
Great Tit	<i>Parus major</i>			✓	✓	✓		✓	
Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓	✓	✓	✓	✓	✓
Common House Martin	<i>Delichon urbicum</i>		✓	✓	✓		✓	✓	
Willow Warbler	<i>Phylloscopus trochilus</i>		✓	✓		✓	✓	✓	
Eurasian Blackcap	<i>Sylvia atricapilla</i>			✓	H				
Eurasian Wren	<i>Troglodytes troglodytes</i>			H					
Eurasian Nuthatch	<i>Sitta europaea</i>				H				
Common Starling	<i>Sturnus vulgaris</i>					✓	✓	✓	
Song Thrush	<i>Turdus philomelos</i>		H		✓	H			
Redwing	<i>Turdus iliacus</i>					✓	✓		
Common Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓				
Fieldfare	<i>Turdus pilaris</i>	✓	✓	✓	✓	✓	✓	✓	✓
Ring Ouzel	<i>Turdus torquatus</i>							✓	
Spotted Flycatcher	<i>Muscicapa striata</i>			✓	✓				
European Robin	<i>Erithacus rubecula</i>			H	✓				
Bluethroat	<i>Luscinia svecica</i>						✓	✓	
European Pied Flycatcher	<i>Ficedula hypoleuca</i>						✓	✓	
Common Redstart	<i>Phoenicurus phoenicurus</i>					✓			
Whinchat	<i>Saxicola rubetra</i>			✓	✓				
Northern Wheatear	<i>Oenanthe oenanthe</i>						✓	✓	
White-throated Dipper	<i>Cinclus cinclus</i>						H		
Eurasian Tree Sparrow	<i>Passer montanus</i>	✓		✓					
House Sparrow	<i>Passer domesticus</i>				✓				
Dunnock	<i>Prunella modularis</i>		H	H		H			
White Wagtail	<i>Motacilla alba</i>	✓	✓	✓	✓	✓	✓	✓	✓
Meadow Pipit	<i>Anthus pratensis</i>					✓	✓	✓	
Tree Pipit	<i>Anthus trivialis</i>		H	H					
Common Chaffinch	<i>Fringilla coelebs</i>	✓	✓	✓	✓	✓		H	
Eurasian Bullfinch	<i>Pyrrhula pyrrhula</i>		✓	H			✓	H	
European Greenfinch	<i>Chloris chloris</i>	✓				✓	✓	✓	
Common Redpoll	<i>Acanthis flammea</i>						✓		
Red Crossbill	<i>Loxia curvirostra</i>		H	✓					
Eurasian Siskin	<i>Spinus spinus</i>		H	✓	✓	✓	✓	✓	✓
Yellowhammer	<i>Emberiza citrinella</i>	H			✓	✓	✓		H
Common Reed Bunting	<i>Emberiza schoeniclus</i>					✓	✓	✓	

Others

		July 2022							
Common name	Scientific name	2	3	4	5	6	7	8	9
Mammals									
Mountain Hare	<i>Lepus timidus</i>					S		S	
Eurasian Red Squirrel	<i>Sciurus vulgaris</i>			✓				✓	
Red Fox	<i>Vulpes vulpes</i>			✓					
Harbour Porpoise	<i>Phocoena phocoena</i>				✓				
European Roe Deer	<i>Capreolus capreolus</i>			✓					✓
Elk	<i>Alces alces</i>		✓	S			✓		
Amphibians and Reptiles									
Common Frog	<i>Rana temporaria</i>		✓						
Butterflies:									
Green-veined White	<i>Pieris napi</i>		✓						
Orange-tip	<i>Anthocharis cardamines</i>			✓					
Idas Blue	<i>Plebejus idas</i>		✓						
Geranium Argus	<i>Eumedonia eumedon</i>		✓	✓				✓	
Mazarine Blue	<i>Cyaniris semiargus</i>			✓					
Common Blue	<i>Polyommatus icarus</i>		✓	✓					
Red Admiral	<i>Vanessa atalanta</i>		✓	✓					
Small Tortoiseshell	<i>Aglais urticae</i>			✓					
Bog Fritillary	<i>Boloria eunomia</i>						✓		
Pearl-bordered Fritillary	<i>Boloria euphrosyne</i>		✓	✓			✓	✓	
Arran Brown	<i>Erebia ligea</i>						✓		
Small Heath	<i>Coenonympha pamphilus</i>		✓	✓					
Dewy Ringlet	<i>Erebia pandrose</i>						✓	✓	
Large Skipper	<i>Ochlodes sylvanus</i>		✓						
Moths									
Silver-ground Carpet	<i>Xanthorhoe montanata</i>								
Small Argent and Sable	<i>Epirrhoe tristata</i>								
Netted Mountain Moth	<i>Macaria carbonaria</i>								
Latticed Heath	<i>Chiasmia clathrata</i>								
Common Heath	<i>Ematurga atomaria</i>								
Common White Wave	<i>Cabera pusaria</i>								
Burnet Companion	<i>Euclidia glyphica</i>								
Other invertebrates:									
Brown Hawker	<i>Aeshna grandis</i>								
Common (Moorland) Hawker	<i>Aeshna juncea</i>								
Horse-fly	<i>Tabanus</i> sp.								
Hoverfly sp	<i>Syrphus</i> cf. <i>ribesii</i>								
cf. Brilliant Emerald	<i>Somatochlora metallica</i>								
Hairy Shieldbug (Sloe Bug)	<i>Dolycoris baccarum</i>								
Forest Bug	<i>Pentatoma rufipes</i>								
Wood Ant	<i>Formica rufa</i>								

		July 2022							
Common name	Scientific name	2	3	4	5	6	7	8	9
White-tailed Bumblebee	<i>Bombus lucorum</i>								
Buff-tailed Bumblebee	<i>Bombus terrestris</i>								
Bilberry Bumblebee	<i>Bombus monticola</i>								
Rose Chafer	<i>Cetonia aurata</i>								
Eurasian Bee Beetle	<i>Trichius fasciatus</i>								
Seven-spot Ladybird	<i>Coccinella septempunctata</i>								
A blue Longhorn Beetle	<i>Gaurotes virginea</i>								
Fairy-ring Longhorn Beetle	<i>Pseudovadonia livida</i>								
Poplar Beetle	<i>Chrysomela populi</i>								
Dead-nettle Leaf Beetle	<i>Chrysolina fastuosa</i>								
Birch Felt Galls (pink)									
caused by a mite	<i>Acalitus longisetosus</i>								