The Bavarian Alps

Naturetrek Tour Report 1 - 8 June 2014

Admiring the views at Eagle's nest by Ingrid & Andy Patmore

Cypripedium calceolus Ingrid & Andy Patmore

Duke of Burgundy Fritillary on *Valeriana tripteris* by Dawn Nelson

Birdwatching in the Klausbachtal Ingrid & Andy Patmore

Report & images compiled by Ingrid & Andy Patmore & Dawn Nelson

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Participants

Alan Keith
Pat Keith
John Turner
Jennifer Meir
Carole Walker
Christine Cliff
June Baille
Peregrine Rawlins
Marlis Rawlins
John Rawlins
Roo Rawlins
Julian Rawlins
Patricia Rawlins

Day 1 Sunday 1st June

18 degrees C – Still, overcast and mild

Ingrid and Andy were waiting at Salzburg airport with the minibuses, ready to greet Dawn and most of the group who arrived on a flight from Gatwick airport. Roo and John (who are Australian and had been holidaying in Europe) were also there, looking forward to being reunited with four members of their family to enjoy the Bavarian Alps tour with them.

A short drive took us to the Hundsreitlehen hotel in Bischofswiesen, nestled in a sunny valley surrounded by mountains. On the way we passed several colourful meadows containing various Orchids, *Lychnis flos-cuculi* (Ragged Robin), and *Buphthalmum salicfolium* (Yellow Oxeye) amongst many others. At the hotel we were warmly greeted by the proprietors Angelika and Markus. Later refreshed and settled we all met up for a short stroll in the ancient woodland and flower rich meadows surrounding the hotel before our evening meal.

Many *Campanula patula* (Spreading Bellfower) were seen and admired as well as *Phyteuma spicata* (Spiked Rampion) and *Phyteuma orbiculare* (Round-headed Rampion). Beside the woodland track were lots of *Sanicula europaea* (Sanicle) and *Aposeris foetida* (Stinking Woodsalad) as well as a fine specimen of *Cephalanthera longifolia* (Sword-leaved Helleborine) and *Neottia nidus-avis* (Birdsnest Orchid). John and Dawn trailing behind spotted a flowering specimen of *Maianthemum bifolium* (May Lily) and Carol drew our attention to a white form of *Lychnis flos-cuculi* (Ragged-Robin). Alan managed to net a nice example of the day flying moth *Pseudopanthera maculata* (Speckled Yellow), that we could all admire. Just before we got back Andy and Carol spotted a *Picus viridis* (Green Woodpecker) flying low over the hotel lawns.

We welcomed the delicious meal that Markus had cooked for us and many of the group chose to sample the local venison served with a Bavarian egg noodle speciality called Spaetzle.

Day 2 Monday 2nd June

17 degrees C – Sunny spells, light shower mid day. Rain in evening

We set off from the hotel taking a short drive past Hintersee and on to the Klaubachtal Valley car park. From there we caught a tourist bus up to the Hirschbichl Pass (1180m) from where we could hike back down the valley. The snow capped mountains of the Hochkalter gruppe and the Reiteralpe range flank the green meadows of the valley, to give spectacular views along the whole walk.

On alighting we saw *Petasites albus* (White Butterbur) and *Geranium sylvaticum* (Wood Crane's-bill) around the pond. The next attractive plants were *Lamium orvala* (Balm-leaved Archangel) in its rich purple form and *Ranunculus aconitifolius* (Aconite-leaved Buttercup). In the warm sunshine Alan and Julian were soon netting *Hamearis lucin* (Duke of Burgundy Fritillary), *Clossiana euphrosyne* (Pearl-bordered Fritillary) and *Carterocephalus palaemon* (Chequered Skipper) for everyone to have a look at. Andy spotted a lone male *Rupicapra rupicapra* (Chamois) 200m away on a grassy meadow totally unperturbed by our presence, and giving Pat an opportunity to take a perfect picture.

Patricia was the first to note *Dryas octopetala* (Mountain Avens) later we saw it in several places. Jennifer was soon climbing up the banks of the valley to look closely at all the vibrant *Gentiana verna* (Spring Gentian) quite undaunted by the steepness. The larger trumpet shaped *Gentiana clusii* (Clusius's Gentian) were even more frequent. We saw some deep pink buds of *Rosa pendulina* (Alpine Rose) and further on were treated to some quantity, in full flower, and an intriguing sight if 15 or more *Cupido minimus* (Little Blue Butterfly) close together on the ground and surprisingly undisturbed by us.

John Turner's eagle-eyes spotted a lovely group of *Moneses uniflora* (One-flowered Wintergreen) growing along the mossy edge of our path and soon after three delicate *Corallorhiza trifida* (Coral-root Orchid) barely visible in the grass. Peregrine scanned the skies at the suspension bridge that crosses the river and sighted an *Aquila chryseatos* (Golden Eagle) soaring high on a thermal. Christine saw it again a little later with two *Pyrrhcorax graculus* (Alpine Chough) which the whole group could observe and compare for scale.

In the open glades just downstream of the bridge, the plant community changed and we found *Plantanthera bifolia* (Lesser Butterfly-orchid), *Amelanchier ovalis* (Snowy Mespilus) as well as many large clumps of the exquisite *Cypripedium calceolus* (Lady's-slipper Orchid). Further on a *Cinclus cinclus* (White-throated Dipper) fledgling was heard by Christine along the river and some of the group were lucky enough to observe an adult bird feeding it. The last notable plant in this beautiful valley was a huge majestic *Acer campestre* (Field Maple) brought to our attention by Roo.

On the drive back Carole spotted the startling white chest and rufus head of *Podiceps cristatus* (Great Crested Grebe) sitting on a nest on the Hintersee Lake. We briefly stopped off in Ramsau, a quaint Bavarian village to visit and photograph the famous baroque church of St. Sebastian with the rugged mountains providing a perfect backdrop. Carol and Dawn found *Rorippa nasturtium-aquaticum* (Watercress) in the stream and several of us admired the pretty churchyard with its gardened graves; as is traditional in Bavaria. We were slightly alarmed to find a vase on one grave that contained Lady's Slipper-orchids and Sword-leaved Helleborines as well as Lily-of-the-valley, and can only hope they were from a garden.

In the evening the hotel restaurant was closed so we drove to the opposite side of the valley to the Kastensteinerwand Alm for a typical Bavarian meal finished off with a sample of the local gentian schnapps.

Day 3 Tuesday 3rd June

18 degrees C - Sunny spells, 1 heavy shower am and late pm

Whist waiting for the others to arrive in the morning a few of us did a quick plant count of a small patch of the hay meadow in front of where the minibuses were parked and came to a total of 15 species - not a bad count for an approximate 1m quadrat.

With the day predicted to be mainly sunny we set off to enjoy the boat ride down the fjord like Koenigssee, with its crystal clear aquamarine water reflecting the towering cliffs and peaks above. Our riverside walk towards the quay afforded us a good few plants including *Cirsium oleraceum* (Cabbage Thistle) and *Cardamine impatiens* (Narrow-leaved Bitter-cress). The electric powered boat ride to the famous St. Bartholomew was very quiet and tranquil with amazing views of the surrounding mountains. Our arrival was dampened by rain but it stopped soon after we set off through the woods. *Helleborous niger* (Christmas Rose) with huge, now sadly spent, bracts were seen in quantity along with many *Dactylorhiza fuchsii* (Common Spotted-orchids).

On reaching a wonderful scree area beside one of the rivers that feed Lake Konigsee, the rain had given way to brilliant sunshine, and in no time most of the group were seeing pristine showy *Papilio machaon* (Swallowtail) butterflies and getting great pictures. Alan and Julian were again busy netting passing butterflies and managed to identify and show to the group *Aricia artaxerxes* (Mountain Argus) and *Melitaea phoebe* (Knapweed Fritillary). June spotted over 20 of the rare delicate *Ophrys insectifera* (Fly Orchid) which kept us busy with cameras for a while. *Gentiana utriculosa* (Bladder Gentian) were also seen. Some good clumps of *Campanula rotundifolia* (Harebell) were nice to see.

On entering the woods we found more *Cypripedium calceolus* (Ladies Slipper-orchid) as well as several *Gymnadenia conopsea* (Fragrant Orchid) and *Dactylorhiza maculata* (Heath Spotted-orchid). Back along the edge if the lake we saw *Carex paniculata* (Great Tussock Sedge) and *Thalictrum flavum* (Meadow-rue). We heard the tantalizing call of *Dryocopus martius* (Black Woodpecker) on numerous occasions but the many keen eyes that searched were unable to get a sighting. We had lunch on the shore of the lake in the sunshine next to a friendly member of the National Park eagle project team. He had a spotting scope trained on the blue skies above but reported only two sightings of a Golden Eagle pair that morning. Ingrid and Christine were lucky enough to sight a black *Vipera berus* (Adder) basking on a grassy tussock on the banks of the lake just before it slipped away through the vegetation.

After lunch we boarded the boat again to visit Salet Alm where we walked to the Obersee (upper lake) noting *Sambucus ebulus* (Dwarf Elder) and *Lunaria rediviva* (Perennial Honesty). At Obersee we admired the stunning view of the lake and it's reflections of the surrounding limestone cliffs that enclosed it and marvelled at the highest waterfall in Germany, the Roethbach Falls cascading into the valley behind the lake.

In the warm sunshine we headed back again, finding *Laserpitium siler* (Narrow-leaved Sermountain) almost in flower and a lovely plant of *Saxifraga paniculata* (Live Long Saxifrage). Alan was in his element with his net as the sunshine had brought out many butterflies including *Melitaea diamina* (False heath fritillary) and *Lysandra bellargus*

(Adonis blue). Having been clear all afternoon, thunder began to roll but the rain kept off till we were safely aboard for our return trip, and was over by the time we reached our journey's end, so that we could walk back to the parked minibuses in brilliant sunshine.

Day 4 Wednesday 4th June

20 degrees C - Long sunny spells, clouds building in pm, very light shower

We set off from the hotel a little earlier than usual so that we could get to the Kehlstein (Eagle's Nest) before the tourists arrived and it got too busy. We were lucky to catch the 9.20 am bus from the car park at 900m. This took us along the amazing Kehlstein Road, constructed during the Third Reich in 1938 to an upper parking area where we would be taken via a lift into the Eagle's Nest building that was built for Hitler's 50th birthday. The highest point on the Kehlstein Mountain is 1834m where one has breathtaking views into the flat lands beyond the Untersberg Mountain and Salzburg in the north and further into the Alps in the south. *Soldanella alpina* (Alpine Snowbells) and *Tussilago farfara* (Coltsfoot) are some of the first flowers to appear when the snow melts so it was not surprising having spotted these that we also found a few patches of snow. We were made aware by the plants we saw, that we had gone back into spring time.

With a little exploring, stunning views were admired in all directions. We found *Ranunculus alpestris* (Alpine Buttercup) growing picturesquely in cracks in the worn limestone, and many other fine alpine plants. Then we regrouped to head down the zigzag path which afforded us many more wonderful plants including *Daphne mezereum* (Mezereon) in flower and in one instance close enough to be able to inhale its fragrance. Showy *Pulsatilla alpina* (Alpine Pasque Flower) and less showy Alpine Bartsia were also seen, though sadly the latter was yet to flower. Jennifer noticed the exquisite newly forming, bright red, cones on *Larix decidua* (European Larch) which were duly admired and photographed. Andy pointed out an immature *Aquila chryseatos* (Golden Eagle) circling above us as we descended. Near the bottom of the path we had a rather unusual but nevertheless intriguing find – droppings of *Tetrao urogallus* (Capercaillie)!

We had our picnic in the shade near the minibuses where Peregrine and Christine spotted two *Buteo buteo* (Common Buzzards) flying together in the same thermal. A few members of the group wanted to see the site of the Berghof, Hitler's mountain house and Andy led the short walk there. All that now remains of the building is a retaining wall in a wooded clearing, and a rather uncomfortable atmosphere.

After lunch we drove up the Rossfeld toll road to an elevation of 1600m to enjoy the sensational views into the Berchtesgadener land of Bavaria and the Salzburg region of Austria. The first plant of note on alighting at Rossfeld was *Symphytum tuberosum* (Tuberous Comfrey) and as we progressed along the track we were overwhelmed by a spectacle of thousands of *Anemone nemorosa* (Wood Anemone) in full flower over the entire meadow. *Potentilla crantzii* (Alpine Cinquefoil) and *Tozzia alpina* (Tozzia) were also seen along with many more *Gentiana verna* (Spring Gentians). John Turner, as ever the spotter of less common species, found some *Ranunculus languinosus* (Woolly Buttercup) in flower.

Our stroll across the alpine meadows ended at a typically Bavarian Gasthof where we enjoyed some refreshments including the local Berchtesgaden lager and sampled apple strudel and cake. Whilst we were sitting on the terrace *Pyrrhocorax graculus* (Alpine Chough) acrobatically landed next to us, cheekily trying to steal cake crumbs from our plates and posing for photographs.

Day 5 Thursday 5th June

22 degrees C – Cloudy start, brightening in pm. Clear evening

We left the hotel at 9am and drove to the palace of Hellbrunn, the former summer residence of the Archbishop of Salzburg which we use as a 'park and ride' to access the UNESCO status city of Salzburg. We all had our photos taken outside the famous 'Sound of Music' pavilion donated to the Hellbrunn Palace after the film was made. Nearby a large *Carpinus betulus* (Hornbeam) was admired and Dawn explained the differences between this and *Fagus sylvatica* (Beech), both common hedging plants. As we strolled through the mature trees of the gardens and arboretum, Roo was quick to spot a *Sciurus vulgaris* (Red Squirrel) scampering around. A further four were sighted nearby and soon everyone's cameras were working overtime to capture good images. Carole first heard, and then spotted a *Coccothrautes coccothraustes* (Hawfinch) in a tree above our heads which most of us got a chance to observe noticing especially its heavy bill. The magnificent flowering *Lirodendron tulipifera* (Tulip Tree) had many admirers.

We took the bus into the city and wandered through and past the main attractions of the old town including the Mirabell Palace and gardens, Mozart's houses, the Catherdral, St. Peter's Monastery and Church all nestled beneath the Hohensalzburg Fortress backdrop. In the squares performance artists who seemed to defy gravity were much admired and discussed. Andy pointed out a *Falco subbuteo* (Eurasian Hobby) gliding along the sheer cliffs of the catacombs in St. Peter's Cemetery.

Some of the group opted to utilize their free time to peruse the shops in the Getreidegasse and explore the many interesting little streets with numerous cafes. Most of the group opted to go with the leaders up onto the Moenchsberg hill (a nature reserve above Salzburg city). We had our picnic at the Richterhoehe viewpoint 508m, looking back to the Untersberg Mountain and the Berchtesgadenerland. Pink was the colour of the moment supplied by *Onobrychis vicifolia* (Sanfoin) and a flock of Flamingos, presumable in a private menagerie, down in the valley below. Christine noticed a *Denrocopos major* (Great-spotted Woodpecker) female feeding a very demanding youngster on the wooden handrail of our path to the Stadt Alm Gasthof, where some enjoyed cooling drinks. *Geranium phaeum* (Dusky Crane's-bill) was spotted simultaneously by Roo, Carol and Dawn in three different places, along the way. We sat looking down on the baroque domes and roofs of the old city high above the noise and bustle. We regrouped at the Cathedral and then waiting at our bus stop along the Salzach River, Julian got some more bird spotting in, noticing two female *Bucephala clangula* (Goldeneye) swimming in the current.

A few of us cooled our city weary feet by 'treading the waters' in the water therapy pool (Kneipp) in the grounds of the hotel. Everyone was hungry and looking forward to another delicious dinner in the evening. We sampled some locally made Tormentil schnapps which is supposed to improve digestion. As we dispersed to start the species check lists we noticed that the Hoher Goell Mountain was glowing red (a sure sign of good weather the next day according to local folklore) and Marlis managed to capture some great pictures of the event.

Day 6 Friday 6th June

27 degrees C – still, sun all day

As predicted, fantastic sunshine was the order of the day, adding to the stunning scenery and abundance of interesting species. On our return yesterday, the hay meadows around the hotel had been cut. Just a few small patches on very steep ground had been left and this was where all the butterflies and other insects had

congregated; so this morning we headed down there after breakfast to see what we could find, just in case it would all be gone by afternoon. New plants we added to the list were *Stachys officinalis* (Betony), *Tragopogon pratensis* (Goat's Beard) and *Knautia arvensis* (Field Scabious).

It was the perfect day to get to the top of the Jenner Mountain (1874m) and enjoy the high alpine meadows. We set off earlier than usual and after a 20 minute drive to the cable car station, we were soon travelling up to the summit in gondolas. We walked up to the viewpoint which gave clear views across the snow capped mountain ranges and looked down on the aquamarine blue of the Koenigssee beneath our feet. The delicate creamy yellow flowers of *Pinguicula alpina* (Alpine Butterwort) were our first find on the way up; closely followed by *Globularia nudicaulis* (Stemless-leaved Globularia) and *Ranunculus hybrida* (Hybrid Buttecup) it's dainty stature and smooth glaucous leaves belying its prosaic name.

At the view point everyone soon had good views of a group of *Rupicapra rupicapra* (Chamois) cooling off on a snow field. Christine pointed out a male *Loxia curvirosta* (Red Crossbill) nearby showing off his colours and Andy found a *Nucifraga caryocatactes* (Spotted Nutcracker) through his spotting scope for the entire group to observe and admire. *Pedicularis fliosus* (Leafy Lousewort) was seen on both sides of the path on the way back down to the upper station where we regrouped and set off downhill towards the Schneibsteinhouse, a mountaineer's house lying at 1600m. The meadows were a picture, all bright yellows and blues, mostly *Ranunculus montanus* (Mountain Buttercup) and more *Gentiana verna* (Spring Gentian) as well as *G. clusii* (Clusius's Gentian). Other plants of note included *Cardamine alpina* (Alpine Bittercress) and *Gagea lutea* (Gagea).

We enjoyed some typical Bavarian mountain food for our lunch at Schneibsteinhouse. Some of us tackled a Germknoedle which is a huge dumpling filled with blueberry preserve, sprinkled with poppy seeds and served with vanilla sauce. Very popular in the area and very filling! After lunch on the track down we found *Saxifraga androcaece* (Scree Saxifrage) and a bush of *Daphne mezereon* (Mezereon) in flower and wonderfully scented, we all got to sample its fragrance this time.

We continued on our way down to the middle station (1200m) enjoying the blue skies and stunning scenery. All the group members were lucky enough to observe *Marmotta marmotta* (Alpine Marmot) lazing on moss covered rocks in the sun, but constantly alert to any potential predators. Their shrill cries quickly warned each other of any possible trouble.

In the sunshine butterflies were active including the *Parnassius Mnemosyne* (Clouded Apollo) and *Callophrys rubi* (Green Hairstreak), after leaving the cattle pasture we found *Euphorbia dulcis* (Sweet Spurge). We wandered back across the lush Jenner meadows to access the gondolas to take us back down to the valley, admiring views back to Bischofswiesen as we walked along. We were soon driving back to the hotel looking forward to refreshing our feet in the water therapy pool after a long day hiking, and ready for another hearty evening meal.

Day 7 Saturday 7th June

30 degrees C - Still, hot sun all day.

Today we left the hotel at 9am. A small contingent wished to visit the historic market town of Berchtesgaden. The mini bus dropped them off in the centre of the town and armed with a map they had adequate time to wander around the quaint streets, see the sights and do a little shopping for gifts.

The rest of the group explored the Boeckleweiher Lake, wet meadows and raised bog. The first plants Dawn drew our attention to were *Hippuris vulgaris* (Mares-tail) and *Typha latifolium* (Bulrush) in the pond near where we parked. We explored the uncut damp meadows finding *Plantanthera bifolia* (Lesser Butterfly-orchid) and *Dactylorhiza incarnata* (Early Marsh-orchid) in some quantities. *Sanguisorba officinalis* (Great Burnet) was particularly showy here. On the way to the bog we noted *Streptopus amplexifolius* (Streptopus) seen yesterday but not by many. In the sunshine Alan spotted a rare *Othetrum coerulescens* (Keeled Skimmer) dragonfly darting around in the vegetation.

Perhaps the highlight this morning was a little pond edged with small plants including *Vaccinium oxycoccus* (Cranberry), *Andromeda polifolia* (Bog Rosemary) as well as both *Drosera rotundifolia* (Round-leaved Sundew) and *Drosera anglica* (Oblong-leaved Sundew) which had captured several *Zygoptera* (Damselflies) on their sticky leaves and were extracting their nutrients. When the group who had opted to go to Berchtesgaden for the morning arrived back, we gave them a whistle-stop tour of the highlights before we all enjoyed our picnic in the shade by the lake and stream.

From here we drove to the Wimbach Valley. To enter the imposing valley one has to walk through a raging gorge on secured gantries. The cool damp atmosphere in the deep gorge was a relief from the heat and we enjoyed seeing *Aconitum vulparia* (Wolfbane) and a spotted leaved *Hieracium* sp. (Hawk'sbeard) as well as admiring the waterfalls and catching the odd glimpse of rainbows created by the spray. Amazingly a Dipper was flying up and down above the thunderous torrent. In the gorge we were also treated to good sighting of a *Motacilla cinerea* (Grey Wagtail) that sat on a branch above the cascading water unperturbed by the noise and spray.

Some of the group opted to return to the head of the valley through the gorge which was the cooler and more leisurely option in the heat of the afternoon. We found *Pulmonaria montana* (Mountain Lungwort) and *Equisetum telematia* (Greater Horsetail) in the edge of the woodland. We had the luxury this afternoon of having lots if time to spend searching the meadows for flowers and butterflies. Some nice plants of *Campanula glomerata* (Clustered Bellflower) were found, and Patricia managed to get a perfect image of an *Aporia crataegi* (Black-veined White) for Julian, which he had been wanting all week. The rest of the group went on through the valley enjoying the beautiful scenery of a clear fast flowing river, lush vegetation and near vertical cliffs under clear blue skies.

Good sightings of am *Aquila chrysaetos* (Golden Eagle) were recorded circling around the mountain tops by everyone. Julian had the privilege of a *Nymphalis antiopa* (Camberwell Beauty) resting on his head after two specimens had flown up and down the path and then posed beautifully for photographs. John Turner spotted some startlingly blue *Gentiana utriculosa* (Bladder Gentian) and numerous beautifully pristine white *Platanthera bifolia* (Lesser Butterfly-orchid) along the river bank. He also surprised a large basking male *Lacerta agilis* (Sand Lizard) its green hues enhanced by the afternoon sunshine.

We all finished our day with a drink in the cool beer garden of a Gasthof conveniently situated near the parked minibuses, before heading back to Bischofswiesen to freshen up before dinner.

Day 8 Sunday 8th June

33 Degrees C – Still, hot sun all day

Breakfast, which several people chose to have out on the terrace today, was accompanied by a playful family of *Garrulus glandarius* (Jay) in the trees to keep us entertained. Not to be outdone a *Cuculus canorus* (Cuckoo) which up until now had only been heard, decided to give us some excellent views perched in a nearby tree.

After packing was completed, Dawn took a few members down into the woods to see if we could find a *Maianthemum bifolium* (May Lily) in flower not only were we successful in this, we also found some more *Melampyrum sylvaticum* (Wood Cow-wheat) and *Galium rotundifolium* (Round- leaved Bedstraw).

The final sighting was a *Buteo buteo* (Buzzard) circling over the hotel as the group gathered to load the minibuses and head off back to Salzburg airport.

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Species List

Plants

Scientific name	Common name	Location
PTERIDOPHYTES	**FERNS & ALLIES**	
Lycopodiacae	**Clubmoss Family**	
Huperzia selago	Fir Clubmoss	Eagle's Nest
Lycopodium annotinum	Interrupted Clubmoss	Occasional
Equisetaceae	**Horsetail Family**	
Equisetum arvense	Common Horsetail	Occasional
Equisetum sylvatica	Wood Horsetail	Klausbachtal
Equisetum telmateia	Greater Horsetail	Wimbachtal
Equisetum variegatum	Variegated Horsetail	Klausbachtal
Equisetum fluviatile	Water Horsetail	Bocklweihler Moos
Aspleniaceae	**Spleenwort Family**	
Asplenium ruta-muraria	Wall-rue	Occasional
Asplenium trichomanes	Maidenhair Spleenwort	Frequent
Asplenium viride	Green Spleenwort	Frequent
Phyllitis scolopendrium	Hart's-tongue	Occasional
Blechnaceae	**Hard-fern Family**	
Blechnum spicant	Hard-fern	Jenner
Dennstaedtiaceae	**Bracken Family**	
Pteridium aquilinum	Bracken	Occasional
Dryopteridaceae	**Buckler-fern Family**	
Dryopteris filix-mas	Male-fern	Klausbachtal
Polystichum aculeatum	Hard Shield-fern	Eagles Nest
Polystichum lonchitis	Holly Fern	Occasional
Polypodiaceae	**Polypody Family**	
Polypodium vulgare	Common Polypody	Jenner
Thelypteridaceae	**Marsh Fern Family**	
Phegopteris connectilis	Beech Fern	Klausbachtal
Woodsiaceae	**Lady Fern Family**	
Athyrium filix-femina	Lady Fern	Klausbachtal & Jenner
Cystopteris fragilis	Brittle Bladder-fern	Frequent
Cystopteris montana	Mountain Bladder-fern	Obersee
Gymnocarpium dryopteris	Oak Fern	Jenner
Gymnocarpium robertianum	Limestone Fern	Frequent
PINOPSIDA	**CONIFERS**	
Cupressaceae	**Juniper Family**	
Juniperus communis subsp. communis	Juniper	Frequent

Scientific name	Common name	Location
Pinaceae	**Pine Family**	
Abies alba	European Silver Fir	Frequent
Larix decidua	European Larch	Frequent
Picea abies subsp. abies	Spruce	Frequent
Pinus cembra	Arolla Pine	Klausbachtal on skyline
Pinus mugo	Dwarf Mountain Pine	Jenner
Pinus nigra	Austrian or Black Pine	Occasional
Pinus sylvestris	Scot's Pine	Occasional
Pinus uncinata	Mountain Pine	Frequent
Taxaceae	**Yew Family**	
Taxus baccata	Yew	Salzburg
MAGNOLIOPSIDA	**FLOWERING PLANTS**	
	Magnoliidae	
Aceraceae	**Maple Family**	
Acer campestre	Field Maple	Occasional
Acer pseudoplatanus	Sycamore	Frequent
Acer platanoides	Norway Maple	Frequent
Apiaceae	**Carrot Family**	
Aegopodium podagraria	Ground Elder	Konigsee
Angelica sylvestris	Wild Angelica	Konigsee & Obersee
Anthriscus sylvestris	Cow Parsley	Bocklweihler Moos
Astrantia bavarica	Bavarian Astrantia	Occasional
Astrantia major	Great Masterwort	Konigsee
Chaerophyllum hirsutum	Hairy Chervil	Frequent
Heracleum austriacum	Austrian Hogweed	Konigsee & Obersee
Laserpitium latifolium	Broad-leaved Sermountain	Konigsee & Jenner
Laserpitium siler	Narrow-leaved Sermountain	Obersee
Sanicula europaea	Sanicle	Frequent
Aquifoliaceae	**Holly Family**	
Ilex aquifolia	Holly	Hundsreitlehen
Araliaceae	**Ivy Family**	
Hedera helix agg	Ivy	Occasional
Aristolochiaceae	**Birthwort Family**	
Asarum europeaum	Asarabacca	Occasional
Asclepiadaceae	**Milkweed Family**	
Vincetoxicum hirundinaria	Swallow-wort	Occasional
Asteraceae	**Daisy Family**	
Achillea clavennae	Silvery Milfoil	Konigsee & Eagle's Nest
Achillea millefolium	Yarrow	Occasional
Adenostyles alliariae	Adenostyles	Klausbachtal & Jenner
Aposeris foetida	Stinking Wood Salad	Frequent
Aster bellidiastrum	False Aster	Frequent
Bellis perennis	Daisy	Occasional

Scientific name	Common name	Location
Carduus defloratus	Alpine Thistle	Klausbachtal, Konigsee & Obersee
Centaurea montana	Perennial Cornflower	Frequent
Cirsium oleraceum	Cabbage Thistle	Konigsee river walk
Cirsium palustre	Marsh Thistle	Occasional
Crepis aurea	Golden Hawksbeard	Klausbachtal & Jenner
Erigeron uniflorus	One-flowered Fleabane	Eagle's Nest
Hieracium alpinum agg	Alpine Hawkweed	Frequent
Hieracium villosum	Shaggy Hawkweed	Eagle's Nest [not Edleweiss]
Homogyne discolor	an Alpine Coltsfoot	Klausbachtal & Eagle's Nest
Lapsana communis	Nipplewort	Salzburg
Leucanthemum vulgare	Ox-eye Daisy	Frequent
Mycelis muralis	Wall Lettuce	Occasional
Petasites albus	White Butterbur	Frequent
Petasites hybridus	Butterbur	Rossfeld
Pilosella aurantiaca	Fox-and-cubs	Hundsreitlehen
Taraxacum sp.	Dandelion	Occasional
Tragopogon pratensis	Goatsbeard	Hundsreitlehen & Wimbachtal
Tussilago farfara	Colt’s-foot	Konigsee & Eagle's Nest
Balsaminaceae	**Balsam Family**	
Impatiens glandulifera	Indian Balsam	Salzburg
Impatiens parviflora	Small Balsam	Salzburg
Berberidaceae	**Barberry Family**	
Berberis vulgaris	Barberry	Klausbachtal
Betulaceae	**Birch Family**	
Alnus glutinosa	Common Alder	Rossfeld & Bocklweihler Moos
Alnus viridis	Green Alder	Eagle's Nest
Betula pendula	Silver Birch	Klausbachtal
Carpinus betulus	Hornbeam	Salzburg
Boraginaceae	**Forget-me-not Family**	
Myosotis arvensis	Field Forget-me-not	Rossfeld & Jenner
Myosotis scorpioides	Water Forget-me-not	Klausbachtal & Bocklweihler Moos
Myosotis sylvatica	Wood Forget-me-not	Hundsreitlehen
Pulmonaria montana	Mountain Lungwort	Wimbachtal
Symphytum officinale	Common Comfrey	Wimbachtal
Symphytum tuberosum	Tuberous Comfrey	Rossfeld & Jenner
Brassicaceae	**Cabbage Family**	
Alliaria petiolata	Garlic Mustard	Salzburg
Biscutella laevigata	Buckler Mustard	Klausbachtal
Capsella bursa-pastoris	Shepherd’s Purse	Hundsreitlehen & Konigsee
Cardamine alpina	Alpine Bitter-cress	Jenner
Cardamine enneaphyllos	Drooping Bitter-cress	Frequent
Cardamine impatiens	Narrow-leaved Bitter-cress	Konigsee
Cardamine pratensis	Lady’s Smock	Klausbachtal & Obersee
Cardaminopsis arenosa	Tall Rock-cress	Frequent
Hesperis matronalis	Dame's Violet	Jenner
Kernera saxatilis	Kernera	
Lunaria redivida	Perennial Honesty	Obersee & Jenner
Roripa nasturtium-aquaticum	Watercress	Ramsau

Scientific name	Common name	Location
Campanulaceae	**Bellflower Family**	
Campanula glomerata	Clustered Bellflower	Hundsreitlehen & Wimbachtal
Campanula patula	Spreading Bellflower	Frequent
Campanula rotundifolia	Harebell	Konigsee & Salzburg
Campanula trachelium	Nettle-leaved Bellflower	Salzburg
Phyteuma orbiculare	Round-headed Rampion	Frequent
Phyteuma spicata	Spiked Rampion	Frequent
Caprifoliaceae	**Honeysuckle Family**	
Lonicera alpigena	Alpine Honeysuckle	Klausbachtal
Lonicera xylosteum	Fly Honeysuckle	Klausbachtal & Wimbachtal
Sambucus ebulus	Dwarf Elder	Obersee
Sambucus nigra	Elder	Frequent
Sambucus racemosa	Red-berried Elder	Eagle's Nest & Jenner
Viburnum lantana	Wayfaring Tree	Klausbachtal
Caryophyllaceae	**Pink Family**	
Cerastium fontanum	Common Mouse-ear	Frequent
Cerastium tomentosum	Snow-in-summer	Ramsau
Gypsophilla repens	Alpine Gypsophila	Konigsee
Lychnis flos-cuculi	Ragged Robin [and white form]	Frequent
Moehringia muscosa	Mossy Sandwort	Occasional
Moehringia trinerva	Three-veined Sandwort	Klausbachtal
Saponaria officinalis	Soapwort	Driving nr Bocklweiher
Silene dioica	Red Campion	Frequent
Silene vulgaris	Bladder Campion	Konigsee & Salzburg
Stellaria nemorum	Wood Stitchwort	Occasional
Celastraceae	**Spindle-tree Family**	
Euonymus europaeus	Spindle-tree	Salzburg
Cistaceae	**Rock-rose Family**	
Helianthemum nummularium	Common Rockrose	Jenner
Clusiaceae	**St. John’s-wort Family**	
Hypericum perforatum	Perforate St. John’s-wort	Klausbachtal
Cornaceae	**Dogwood Family**	
Cornus sanguinea	Dogwood	Driving & Hellbrunn
Dipsacaceae	**Teasel Family**	
Knautia arvensis	Field Scabious	Hundsreitlehen
Scabiosa columbaria	Scabious	Occasional
Droseraceae	**Sundew Family**	
Drosera anglica	Long-leaved Sundew	Bocklweihler Moos
Drosera rotundifolium	Round-leaved Sundew	Bocklweihler Moos
Ericaceae	**Heath family**	
Andromeda polifolia	Bog Rosemary	Bocklweihler Moos
Calluna vulgaris	Heather	Rossfeld & Bocklweihler Moos
Erica carnea	Spring Heath	Klausbachtal & Jenner
Rhododendron hirsutum	Hairy Alpenrose	Occasioanl

Scientific name	Common name	Location
Rhodothamnus chamaecistus	Dwarf Alpenrose	Eagle's Nest & Jenner
Vaccinium myrtilis	Bilberry	Occasioanl
Vaccinium oxycoccus	Cranberry	Bocklweihler Moos
Euphorbiaceae	**Spurge Family**	
Euphorbia amygdaloides	Wood Spurge	Hundsreitlehen
Euphorbia cyparissias	Cypress Spurge	Frequent
Euphorbia dulcis	Sweet Spurge	Jenner
Mercurialis perennis	Dog's Mercury	Klausbachtal
Fabaceae	**Pea Family**	
Anthyllis vulneraria	Kidney Vetch	Occasional
Coronilla vaginalis	Small Scorpion-vetch	Klausbachtal
Hippocrepis comosa	Horseshoe Vetch	Frequent
Lathyrus pratensis	Yellow Vetchling	Hundsreitlehen & Jenner
Lotus corniculatus	Bird's-foot Trefoil	Occasional
Medicago lupulina	Black medick	Hundsreitlehen & Konigsee
Onobrychis montana	Sainfoin	Salzburg
Trifolium pratense	Red Clover	Frequent
Trifolium repens	White Clover	Occasional
Vicia sepium	Bush Vetch	Frequent
Fagaceae	**Oak & Beech Family**	
Fagus sylvatica	Beech	Frequent
Quercus robur	Pedunculate Oak	Salzburg
Fumariaceae	**Fumitory Family**	
Pseudofumaria lutea	Yellow Corydalis	Driving
Gentianaceae	**Gentian Family**	
Gentiana clusii	Clusius's Gentian	Klausbachtal, Eagle's Nest & Jenner
Gentiana verna	Spring Gentian	Occasional
Gentiana utriculosa	Bladder Gentian	Koigsee, Jenner & Wimbachtal
Geraniaceae	**Geranium Family**	
Geranium phaeum	Dusky Crane's-bill	Salzburg
Geranium robertianum	Herb Robert	Occasional
Geranium sylvaticum	Wood Crane's-bill	Occasional
Globulariaceae	**Globularia Family**	
Globularia cordifolia	Matted Globularia	Konigsee
Globularia nudicaulis	Leafless-stemmed Globularia	Jenner
Hippuridaceae	**Mare's-tail Family**	
Hippuris vulgaris	Mare's-tail	Bocklweihler Moos
Juglandaceae	**Walnut Family**	
Juglans regia	Walnut Family	Salzburg
Lamiaceae	**Dead-nettle Family**	
Acinos alpinus	Alpine Basil Thyme	Occasioanl
Ajuga reptans	Bugle	Frequent
Glechoma hederacea	Ground-ivy	Occasioanl

Scientific name	Common name	Location
Lamiastrum galeobdolon subsp. montanum	Yellow Archangel	Occasional
Lamium album	White Deadnettle	Klausbachtal
Lamium orvala	Balm-leaved Dead-nettle	Klausbachtal & Konigsee
Prunella vulgaris	Self-heal	Hundsreitlehen
Stachys alopercuros	Yellow Betony	Konigsee & Salzburg
Stachys officinalis	Betony	Hundsreitlehen
Thymus polytrichus	Wild Thyme	Klausbachtal, Konigsee & Obersee
Thymus pulegioides	Larger Wild-thyme	Konigsee
Lentabulariaceae	**Bladderwort Family**	
Pinguicula alpina	Alpine Butterwort	Jenner
Pinguicula vulgaris	Butterwort	Konigsee & Bocklweihler Moos
Linaceae	**Flax Family**	
Linum catharticum	Purging or Fairy Flax	Hundsreitlehen
Malvaceae	**Mallow Family**	
Malva moschata	Musk Mallow	Obersalzburg
Menyanthaceae	**Bogbean Family**	
Menyanthes trifoliata	Bogbean	Konigsee & Bocklweiher Moos
Oleaceae	**Olive Family**	
Fraxinus excelsior	Ash	Frequent
Onagraceae	**Willowherb Family**	
Epilobium montanum	Broad-leaved Willowherb	Salzburg
Oxalidaceae	**Wood-sorrel Family**	
Oxalis acetosella	Wood-sorrel	Frequent
Oxalis corniculata	Procumbent Yellow-sorrel	Salzburg
Papaveraceae	**Poppy Family**	
Chelidonium majus	Greater Celandine	Salzburg
Papaver rhoeas	Corn Poppy	Driving nr Salzburg
Plantaginaceae	**Plantain Family**	
Plantago atrata	Dark Plantain	Jenner
Plantago lanceolata	Ribwort Plantain	Frequent
Plantago majus	Greater Plantain	Frequent
Plantago media	Hoary or Lamb's-tail Plantain	Frequent
Polygalaceae	**Milkwort Family**	
Polygala alpestris	Mountain Milkwort	Jenner
Polygala alpina	Alpine Milkwort	Rossfeld
Polygala chamaebuxus	Shrubby Milkwort	Occasional
Polygala vulgaris	Common Milkwort	Klausbachtal
Polygonaceae	**Knotweed Family**	
Fallopia japonica	Japanese Knotweed	Driving
Persicaria alpinum	Alpine Bistort	Klausbachtal
Persicaria bistorta	Bistort	Klausbachtal

Scientific name	Common name	Location
Rumex acetosa	Sorrel	Frequent
Rumex alpina	Monk's Rhubarb	Frequent
Rumex obtusifolius	Broad-leaved Dock	Occasional
Primulaceae	**Primrose Family**	
Androsace chamaejasme	Ciliate Rock-jasmine	Eagle's Nest & Jenner
Cyclamen purpurescens	Sowbread [leaves]	Hundsreitlehen
Lysimachia nemorum	Yellow Pimpernel	Frequent
Primula auricula	Bear's-ear	Konigsee, Eagle's Nest & Jenner
Primula elatior	Oxlip	Klausbachtal, Eagle's Nest & Jenner
Primula farinosa	Bird's-eye Primrose	Occasional
Soldanella alpina	Alpine Snowbell	Eagle's Nest & Jenner
Pyrolaceae	**Wintergreen Family**	
Moneses uniflora	One-flowered Wintergreen	Klausbachtal & Konigsee
Pyrola rotundifolia	Round-leaved Wintergreen	Konigsee
Ranunculaceae	**Buttercup Family**	
Aconitum lycoctonum subsp. vulparia	Wolf's Bane	Obersee & Wimbachtal
Anemone nacissiflora	Narcissus-flowered Anemone	Rossfeld
Aquilegia atrata	Dark-flowered Columbine	Klausbachtal & Konigsee
Aquilegia vulgaris	Columbine	Hundsreitlehen, Konigsee & Jenner
Caltha palustris	Kingcups	Frequent
Clematis alpina	Alpine Clematis	Klausbachtal & Jenner
Helleborus niger	Christmas Rose	Konigsee & Jenner
Hepatica nobilis	Hepatica [leaves]	Frequent
Pulsatilla alpina	Alpine Pasque Flower	Eagle's Nest & Jenner
Ranunculus aconitifolius	Aconite-leaved Buttercup	Klausbachtal
Ranunculus acris	Meadow Buttercup	Frequent
Ranunculus alpestris	Alpine Buttercup	Eagle's Nest & Jenner
Ranunculus hybridus	Hybrid Buttercup	Jenner
Ranunculus lanuginosus	Woolly Buttercup	Rossfeld
Ranunculus montanus	Mountain Buttercup	Eagle's Nest & Jenner
Thalictrum aquilegifolium	Great Meadow-rue	Frequent
Thalictrum flavum	Common Mesdow-rue	Frequent
Trollius europaeus	Globeflower	Occasional
Rhamnaceae	**Buckthorn Family**	
Frangula alnus	Alder Buckthorn	Klausbachtal & Bocklweihler Moos
Rosaceae	**Rose Family**	
Alchemilla alpina	Alpine Lady’s Mantle	Konigsee
Alchemilla fillicaulis	-	Klausbachtal
Alchemilla glabra	Smooth Lady’s Mantle	Frequent
Aruncus dioicus	Goat's-beard Spirea	Occasional
Crataegus monogyna	Hawthorn	Occasional
Dryas octopetala	Mountain Avens	Klausbachtal, Konigsee & Jenner
Duchesnea indica	Yellow-flowered Strawberry	Salzburg
Filipendula ulmaria	Meadowsweet	Obersee
Fragaria moschata	Hautbois Strawberry	Occasional
Fragaria vesca	Wild Strawberry	Occasional
Geum rivale	Water Avens	Frequent
Geum urbanum	Wood Avens or Herb Bennett	Occasional

Scientific name	Common name	Location
Geum x intermedium	Wood x Water Avens, hybrid	Hundsreitlehen & Klausbachtal
Potentilla anserina	Silverweed	Hundsreitlehen
Potentilla crantzii	Alpine Cinquefoil	Rossfeld
Potentilla erecta	Tormentil	Frequent
Prunus avium	Wild Cherry	Hundsreitlehen
Ribes rubra	Red Currant	Klausbachtal
Ribes uva-crispa	Gooseberry	Klausbachtal
Rosa canina agg.	Common Dog Rose	Salzburg & Wimbachtal
Rosa pendulina	Alpine Rose	Klausbachtal
Rubus fruticosus agg	Bramble	Occasional
Rubus idaeus	Raspberry	Salzburg & Jenner
Rubus saxatilis	Stone Bramble	Klausbachtal & Konigsee
Sanguisorba officinalis	Greater Burnet	Hundsreitlehen & Bocklweihler Moos
Sorbus aria agg	Whitebeam	Klausbachtal & Jenner
Sorbus aucuparia	Rowan	Klausbachtal & Jenner
Rubiaceae	**Bedstraw Family**	
Cruciata laevipes	Crosswort	Frequent
Galium mollugo	Hedge Bedstraw	Frequent
Galium odoratum	Woodruff	Klausbachtal
Galium rotundifolium	Round-leaved Bedstraw	Hundsreitlehen
Salicaceae	**Poplar & Willow Family**	
Populus tremula	Aspen	Hundsreitlehen & Klausbacgtal
Salix cinerea	Grey Willow	Klausbachtal
Salix elaeagnos	Lavender-leaved Willow	Frequent
Saxifragaceae	**Saxifrage Family**	
Chrysosplenium alternifolium	Alternate-leaved Golden Saxifrage	Occasional
Saxifraga androcacea	Scree saxifrage	Jenner
Saxifraga paniculata	Live-long Saxifrage	Obersee
Saxifraga rotundifolia	Round-leaved saxifrage	Frequent
Scrophulariaceae	**Figwort Family**	
Bartsia alpina	Alpine Bartsia	Eagle's Nest
Cymbalaria muralis	Ivy-leaved Toadflax	Salzburg
Euphrasia rostkoviana	Eyebright	Klausbachtal, Konigsee & Wimbachtal
Melampyrum pratense	Common Cow-wheat	Slazburg
Melampyrum sylvaticum	Wood Cow-wheat	Hundsreitlehen & Konigsee
Pedicularis foliosus	Leafy Lousewort	Jenner
Pedicularis rostratocapitata	-	Jenner
Rhinanthus minor agg.	Yellow Rattle	Frequent
Scrophularia nodosa	Common Figwort	Klausbachtal & Wimbachtal
Tozzia aphylla	Tozzia	Rossfeld
Veronica beccabunga	Brooklime	Occasional
Veronica chamaedrys	Germander Speedwell	Frequent
Veronica filiformis	Slender Speedwell	Frequent
Veronica montana	Wood Speedwell	Hundsreitlehen & Klausbachtal
Veronica officinalis	Heath Speedwell	Hundsreitlehen
Veronica serpyllifolia	Thyme-leaved Speedwell	Klausbachtal & Eagle's Nest
Veronica urticifolia	Nettle-leaved Speedwell	Klausbachtal & Rossfeld

Scientific name	Common name	Location
Solanaceae	**Nightshade Family**	
Atropa belladonna	Deadly Nightshade	Klausbachtal
Solanum dulcamara	Bittersweet	Obersee & Salzburg
Thymelaeaceae	**Mezereon Family**	
Daphne mezereum	Mezereon	Occasional
Ulmaceae	**Elm Family**	
Ulmus glabra	Wych Elm	Frequent
Urticacae	**Nettle Family**	
Urtica dioica	Common Nettle	Frequent
Valerianaceae	**Valerian Family**	
Valeriana montana	-	Klausbachtal, Konigsee & Eagle's Nest
Valeriana officinalis	Common Valerian	Hundsreitlehen & Bocklweihler Moos
Valeriana saxatilis	Rock Valarian	Frequent
Valeriana tripteris	Three-leaved Valerian	Klausbachtal & Eagle's Nest
Violaceae	**Violet Family**	
Viola biflora	Yellow Wood Violet	Frequent
Viscaeae	**Mistletoe Family**	
Viscum album	Mistletoe	Hundsreitlehen & Hellbrunn
	Liliidae	
Cyperaceae	**Sedge Family**	
Carex binervis	Green-ribbed Sedge	Klausbachtal
Carex hirta	Hairy Sedge	Hundsreitlehen
Carex paniculata	Great Tussock Sedge	Konigsee
Carex pendula	Pendulous Sedge	Klausbachtal
Carex sylvatica	Wood Sedge	Wimbachtal
Carex viridula subsp. oedocarpa	Common Yellow Sedge	Konigsee
Eriophorum latifolium	Common Cotton-grass	Konigsee, Oberse & Bocklweihler Moos
Eriophorum vaginatum	Hare's-tail Cotton-grass	Bocklweihler Moos
Scirpus sylvaticus	Wood Club-rush	Konigsee
Trichophorum alpinum	Alpine Deer-sedge	Bocklweihler Moos
Juncaceae	**Rush Family**	
Juncus bufonius	Toad Rush	Obersee
Luzula sylvatica	Great Wood-rush	Klausbachtal
Liliaceae	**Lily Family**	
Allium ursinum	Ramsons	Slazburg
Colchicum autumnale	Autumn Crocus	Bocklweihler Moos
Convallaria majalis	Lily-of-the-valley [Leaves]	Konigsee
Gagea lutea	Gagea	Jenner
Iris pseudacorus	Yellow Flag	Obersee
Iris siberica	Siberian Iris	Driving nr Bocklweihler
Lilium martagon	Martagon Lily	Klausbachtal & Jenner
Maianthemum bifolium	May Lily	Frequent
Paris quadrifolia	Herb Paris	Occasional

Scientific name	Common name	Location
Polygonatum multiflorum	Solomon's-seal	Salzburg & Bocklweihler Moos
Polygonatum odoratum	Angular Solomon's-seal	Klausbachtal & Konigsee
Polygonatum verticillatum	Whorled Solomon's Seal	Klausbachtal
Tofieldia calyculata	Tofield's Asphodel	Occasional
Veratrum album	White False Helleborine	Occasional
Orchidaceae	**Orchid Family**	
Cephalanthera damasonium	White Helleborine [leaves]	Occasioanal
Cephalanthera longifolia	Sword-leaved Helleborine	Frequent
Corallorhiza trifida	Coral-root Orchid	Klausbachtal
Cypripedium calceolus	Lady's Slipper Orchid	Klausbachtal & Konigsee
Dactylorhiza fuchsii	Common Spotted Orchid	Frequent
Dactylorhiza incarnata agg.	Early Marsh Orchid	Obersee & Bocklweihler Moos
Dactylorhiza maculata	Heath Spotted Orchid	Konigsee & Bocklweihler Moos
Dactylorhiza majalis	Broad-leaved Marsh Orchid	Occasional
Epipactis palustris	Marsh Helleborine [leaves]	Bocklweihler Moos
Gymnadenia conopsea	Fragrant Orchid	Konigsee
Neottia nidus-avis	Bird's-nest Orchid	Frequent
Neottia ovata	Twayblade	Frequent
Ophrys insectifera	Fly Orchid	Klausbachtal & Konigsee
Orchis ovalis	an Early Purple Orchid	Klausbachtal & Jenner
Platanthera bifolia	Lesser Butterfly Orchid	Klausbachtal & Bocklweihler Moos
Poaceae	**Grass Family**	
Anthoxanthemeum odoratum	Sweet Vernal-grass	Klausbachtal
Briza media	Quaking Grass	Frequent
Cynosurus cristatus	Crested Dog's-tail	Hundsreitlehen
Dactylis glomerata	Cock's-foot	Frequent
Melica nutans	Mountain Melick	Frequent
Poa alpina var. vivipara	-	Jenner
Sesleria caerulea	Blue Moor-grass	Eagle's Nest
Typhaceae	**Bulrush Family**	
Typha latifolium	Bulrush	Bocklweihler Moos

Birds (✓ = recorded but not counted; H = Heard only; S = signs of)

			June							
	Common name	**Scientific name**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
1	Western Capercaillie	*Tetrao urogallus*				S				
2	Mute Swan	*Cygnus olor*					1			
3	Mallard	*Anas platyrhynchos*	3	✓	✓		✓		✓	
4	Tufted Duck	*Aythya fuligula*		✓	✓					
5	Goldeneye	*Bucephala clangula*					2			
6	Little Grebe	*Tachybaptus ruficollis*		1						
7	Great Crested Grebe	*Podiceps cristatus*		1	1					
8	Common Buzzard	*Buteo buteo*				✓			1	
9	Golden Eagle	*Aquila chrysaetos*		2		2			1	
10	Common Kestrel	*Falco tinnunculus*				1	2	1	1	
11	Eurasian Hobby	*Falco subbuteo*					1			
12	Common Moorhen	*Gallinula chloropus*		1						
13	Eurasian Coot	*Fulica atra*		1	✓		1		✓	
14	Rock Dove (feral)	*Columba livia feral*					✓			

			June							
	Common name	**Scientific name**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
15	Common Wood Pigeon	*Columba palumbus*	✓		1		✓		✓	
16	Eurasian Collared Dove	*Streptopelia decaocto*					✓			
17	Common Cuckoo	*Cuculus canorus*		H	H			H	H	
18	Tawny Owl	*Strix aluco*	1							
19	Common Swift	*Apus apus*	3		✓		✓	✓	✓	
20	Great-spotted Woodpecker	*Dendrocopos major*		2			✓	✓	✓	
21	Black Woodpecker	*Dryocopus martius*		H						
22	European Green Woodpecker	*Picus viridis*	1	H						
23	Eurasian Jay	*Garrulus glandarius*						1	1	
24	Eurasian Magpie	*Pica pica*					1			
25	Spotted Nutcracker	*Nucifraga caryocatactes*			1			1		
26	Alpine Chough	*Pyrrhocorax graculus*		✓	✓	✓		✓		
27	Western Jackdaw	*Corvus monedula*					✓			
28	Carrion Crow	*Corvus corone*	✓	2	✓	✓	✓	✓	✓	
29	Northern Raven	*Corvus corax*		1		✓	✓	✓		
30	Marsh Tit	*Poecile palustris*	1							
31	Willow Tit	*Poecile montanus*	1		1		1	H		
32	Coal Tit	*Periparus ater*		✓		✓			H	
33	European Crested Tit	*Lophophanes cristatus*						1		
34	Great Tit	*Parus major*	✓	✓			✓		✓	
35	Eurasian Blue Tit	*Cyanistes caeruleus*	✓	✓			✓			
36	Barn Swallow	*Hirundo rustica*	✓	✓	✓	✓	✓	✓	✓	
37	Common House Martin	*Delichon urbicum*			✓		✓			
38	Willow Warbler	*Phylloscopus trochilus*				1	H			
39	Common Chiffchaff	*Phylloscopus collybita*	H	H	H	H	H	H	H	
40	Eurasian Blackcap	*Sylvia atricapilla*		H	2	H	H	H	H	
41	Garden warbler	*Sylvia borin*		H						
42	Lesser Whitethroat	*Sylvia curruca*						✓		
43	Goldcrest	*Regulus regulus*		1				H		
44	Eurasian Wren	*Troglodytes troglodytes*			H	H	H	H	H	
45	Eurasian Nuthatch	*Sitta europaea*	1			H	2		✓	
46	Common Starling	*Sturnus vulgaris*					2			
47	Ring Ouzel	*Turdus torquatus alpestris*						1		
48	Common Blackbird	*Turdus merula*	✓	✓	✓		✓		✓	
49	Song Thrush	*Turdus philomelos*	✓				✓			
50	Mistle Thrush	*Turdus viscivorus*						1		
51	European Robin	*Erithacus rubecula*		H	H	H	✓	H	H	
52	Common Nightingale	*Luscinia megarhynchos*								
53	Black Redstart	*Phoenicurus ochruros*	✓	✓		✓	✓	✓	1	
54	Spotted Flycatcher	*Muscicapa striata*	1		1					
55	White-throated Dipper	*Cinclus cinclus*		✓					1	
56	House Sparrow	*Passer domesticus*	✓	✓	✓		✓	✓		
57	Dunnock	*Prunella modularis*				2		2		
58	Grey Wagtail	*Motacilla cinerea*		✓						
59	White Wagtail	*Motacilla alba*	✓	✓	✓	✓	✓	✓	1	
60	Tawny Pipit	*Anthus campestris*							1	
61	Tree Pipit	*Anthus trivialis*				1		H		
62	Common Chaffinch	*Fringilla coelebs*	✓	✓	✓	✓	✓	✓	✓	
63	European Greenfinch	*Carduelis chloris*	✓					H	✓	
64	Eurasian Siskin	*Carduelis spinus*						✓	H	
65	European Goldfinch	*Carduelis carduelis*	✓	✓			✓		H	

	Common name	Scientific name	June							
			1	2	3	4	5	6	7	8
66	Citril Finch	*Carduelis citrinella*		1						
67	Red Crossbill	*Loxia curvirostra*				✓		✓		
68	Eurasian Bullfinch	*Pyrrhula pyrrhula*			1				H	
69	Hawfinch	*Coccothraustes coccothraustes*					1			
70	Yellowhammer	*Emberiza citrinella*	1							

Butterflies

1	Swallowtail	*Papilio machaon*			✓	✓		✓	✓	
2	Clouded Apollo	*Parnassius mnemosyne*						✓		
3	Black-veined White	*Aporia crataegi*							✓	
4	Large White	*Pieris brassicae*		✓	✓	✓				
5	Small White	*Artogeia rapae*		✓	✓					
6	Orange Tip	*Anthocharis cardamines*		✓		✓		✓	✓	
7	Clouded Yellow	*Colias crocea*		✓				✓		
8	Brimstone	*Gonepteryx rhamni*		✓	✓				✓	
9	Wood White	*Leptidea sinapis*	✓	✓	✓	✓		✓	✓	
10	Green-veined White	*Pieris napi*		✓			✓	✓		
11	Sooty Copper	*Lycaena tityrus*		✓						
12	Little Blue	*Cupido minimus*		✓		✓		✓	✓	
13	Mountain Argus	*Aricia artaxerxes*			✓					
14	Common Blue	*Polyommatus icarus*	✓						✓	
15	Adonis Blue	*Polyommatus bellargus*	✓		✓					
16	Mazarine Blue	*Polyommatus semiargus*	✓						✓	
17	Duke of Burgundy Fritillary	*Hamearis lucin*		✓						
18	Peacock Butterfly	*Inachis io*			✓					
19	Red Admiral	*Vanessa atalanta*				✓				
20	Small Tortoiseshell	*Aglais urticae*	✓	✓	✓	✓	✓	✓	✓	
21	Dark Green Fritillary	*Argynnis aglaja*		✓						
22	Small Pearl-bordered Fritillary	*Clossiana selene*						✓	✓	
23	False Heath Fritillary	*Melitaea diamina*			✓				✓	
24	Heath Fritillary	*Mellicta athalia*		✓						
25	Pearl-bordered Fritillary	*Boloria euphrosyne*		✓	✓			✓	✓	
26	Glanville Fritillary	*Melitaea cinxia*			✓					
27	Knapweed Fritillary	*Melitaea phoebe*			✓					
28	Shepherd's Fritillary	*Boloria pales*							✓	
29	Camberwell Beauty	*Nymphalis antiopa*		✓					✓	
30	Ringlet	*Aphantopus hyperantus*	✓						✓	
31	Small Heath	*Coenonympha pamphilus*	✓		✓				✓	
32	Pearly Heath	*Coenonympha arcania*							✓	
33	Speckled Wood	*Pararge aegeria*						✓	✓	
34	Wall Brown	*Lasiommata megera*						✓		
35	Large Wall Brown	*Lasiommata maera*		✓				✓		
36	Large Heath	*Coenonympha tullia*			✓					
37	Grizzled Skipper	*Pyrgus malvae*			✓			✓	✓	
38	Dingy Skipper	*Erynnis tages*		✓	✓	✓		✓	✓	
39	Chequered Skipper	*Carterocephalus palaemon*		✓	✓				✓	
40	Large Skipper	*Ochlodes sylvanus*	✓							
41	Green Hairstreak	*Callophrys rubi*						✓		

	Common name	Scientific name	June							
			1	2	3	4	5	6	7	8

Moths

1	Silver-ground Carpet	*Xanthorhoe montanata montanata*	✓							
2	Speckled Yellow	*Pseudopanthera maculata*	✓	✓	✓	✓				
3	Scalloped Hazel	*Odontopera bidentata*								
4	Common Heath	*Ematurga atomaria atomaria*		✓						
5	White Ermine	*Spilosoma lubricipeda*							✓	
6	Burnet companion	*Euclida glyphica*	✓							
7	Cinnabar sp.				✓					

Mammals

1	Western Hedgehog	*Erinaceus europaeus*	RK							
2	Common Mole	*Talpa europaea*				RK				
3	Greater Mouse-eared Bat	*Myotis myotis*	✓							
4	Stoat	*Mustela erminea*	✓							
5	Roe Deer	*Capreolus capreolus*				✓			✓	
6	Chamois	*Rupicapra rupicapra*		✓	✓			✓		
7	Red Squirrel	*Sciurus vulgaris*					✓			
8	Alpine Marmot	*Marmotta marmotta*						✓		
9	Brown Hare	*Lepus capensis*	✓							

Amphibians & Reptiles

1	Alpine Newt	*Triturus triturus*	✓							
2	Common Frog	*Rana temporaria*						✓		
3	Common Wall Lizard	*Podarcis muralis*				✓				
4	Sand Lizard	*Lacerta agilis*							✓	
5	Slow Worm	*Anguis fragilis*		✓						
6	Adder (Black)	*Vipera berus*			✓					

Other Invertebrates

1	Keeled Skimmer	*Othetrum coerulescens*						✓		
2	Emperor Dragonfly	*Anax imperator*	✓							
3	Large Red Damselfly	*Pyrrhosoma nymphula*						✓		
4	Common Bluet	*Enallagma cyathigerum*						✓		
5	Sexton Beetle	*Nicrophorus sp.*								
6	Cockchafer sp.	*Melolontha sp.*		✓						
7	Longhorn Beetle sp.		✓							

Enjoying the views on the Jenner meadows - Ingrid & Andy Patmore