

Alpine Plants of Ben Lawers, Scotland

Naturetrek Tour Report

5 - 8 August 2011



Exploring below Bienn Ghlas



Polystichum lonchitis (Holly Fern)



Silene quadrifida (Alpine Campion)



The ridge looking towards Ben Lawers

Report and images compiled by Paul Harnes and Dawn Nelson



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Day 1

Friday 5th August

Weather: Bright and sunny with a light breeze, becoming cloudy later

The group assembled at the Killin Hotel during the course of the afternoon. Most of us had made our own way, but four met with Paul at Perth railway station at 17-00hrs. Boarding the minibus, we made our way west on the A85 through Methven, Crieff, Comrie, St. Fillans and along the northern shore of Loch Earn, to Lochearnhead. Along the way we saw Common Buzzard, Grey Heron and a Red Squirrel. At Lochearnhead we turned north, and drove five miles up Glen Ogle, before turning east on the A827 to Killin. It was not too long before the imposing peak of Ben Lawers (1214m) was glimpsed through the trees. As we entered the village of Killin, we passed over the picturesque Falls of Dochart, before arriving at the hotel and 18-30hrs. After checking into our rooms, we assembled in the lounge, where Dawn and Paul outlined the proposed itinerary and potential, weather-defined alternatives, before we had dinner.

Day 2

Saturday 6th August

Weather: Fine and clear with some sunshine, heavy rain from late afternoon

Two members of the group, Mike and David, had brought moth traps with them, and had set them overnight in a small cemetery at the rear of the hotel. Checking the traps before breakfast revealed Antler Moth, Garden Tiger, Dark Arches, Lesser Broad-bordered Yellow Under-wing and Large Yellow Under-wing.

After breakfast, we boarded the minibus for the short drive to the car park, overlooking Loch Tay, where the former Ben Lawers visitor centre had been, and set off up the path towards the three Munro (Scottish

Mountains over 3,000ft) peaks of Beinn Ghlas (1103m or 3619ft), Ben Lawers (1214m or 3983ft) and Meall Garbh (1118m or 3667ft).

The first three-quarters of a mile passes through the Ben Lawers Nature Reserve, a fenced area located along the Burn of Edramucky. Here we found *Veronica officinalis* (Heath Speedwell), *Lycopodium clavatum* (Stag's-horn Clubmoss) and the Willow species *Salix phylicifolia* (Tea-leaved Willow), *Salix aurita* (Eared Willow) and *Salix myrsinites* (Whortle-leaved Willow). Dawn and Paul also demonstrated the Scottish form of *Betula pubescens*, namely subsp. *tortuosa* (Downy Birch). As we left the Nature Reserve area, we recorded Northern Wheatear and Meadow Pipit.

The ascent to Beinn Ghlas now became quite steep. Just below the summit we explored a wet flush beside the path, finding *Epilobium palustre* (Marsh Willowherb), *Juncus triglumis* (Three-flowered Rush), *Saxifraga stellaris* (Starry Saxifrage) and *Juncus trifidus* (Three-leaved Rush). A little further on, among rocks, we added *Carex biglowii* (Stiff Sedge), *Silene acaulis* (Moss Campion), *Salix herbacea* (Dwarf Willow) and *Gnaphalium supinum* (Dwarf Cudweed).

Having achieved the first peak, Bienn Ghlas, we now set off along the flattish ridge between this peak and the final ascent to the summit of Ben Lawers, which overlooks the Coire Liath to the north. As we went, we saw a pair of displaying Ravens, and several of the group began to find *Myosotis alpestris* (Alpine Forget-me-not) on the ledges below us. The appearance of this species indicated that we were now entering the area of the mountain where the Dalradian calcareous schist begins to push through the acid rocks. It is these 'schists', together with late lying snow, that are responsible for the occurrence of many of the special plants for which this mountain is renowned.

At the end of the ridge, we arrived at the 'Hanging Gardens' of Lawers, to our right, and the Shepherd's path on our left. Here we began the last extremely steep section of the ascent to the Ben Lawers summit. At the top we sat down to enjoy the magnificent panoramic views and our lunch. Around us we found the tell-tale, dark green clumps of *Saxifraga oppositifolia* (Purple Saxifrage), and, in a crevice, Rachel spotted a single flower on a plant. *Minuartia sedoides* (Mossy Cyphel) and *Saxifraga hypnoides* (Mossy Saxifrage) were also present.

After our picnic, we set off to seek out one of the rarest of the British Saxifrages, *Saxifraga cernua* (Drooping Saxifrage), which Pam found growing in a deep crevice under some boulders. Here we also found *Cochlearia pyrenaica* subsp. *alpina* (Alpine Scurvy-grass), *Oxyria digyna* (Mountain Sorell), and *Cystopteris fragilis* (Brittle Bladder-fern).

From here, we descended back to the 'Hanging gardens' of Ben Lawers, but by now the clouds were closing in and it had begun to rain. Schist is particularly slippery when it gets wet, so we only explored a very small area of rock ledges. Here we found more of the special species including *Salix reticulata* (Net-leaved Willow), *Sedum roseum* (Roseroot), *Viola lutea* (Mountain Pansy) and *Draba norvegica* (Rock Whitlow-grass).

We made our descent along the Shepherd's path, which took us along the north side of the ridge and then south through the Coire Odhar, where we found flowers on *Sibbaldia procumbens* (Sibbaldia), and back to the Nature Reserve. Although, the rain was now torrential, we did add *Dryopteris expansa* (Northern

Buckler-fern) and *Parnassia palustris* (Grass of Parnassus), and Mike and David were also finding Twin-spot Carpet moths!

Once we were all back to the car park, we quickly made our way back to the hotel for hot showers, dry clothes and a well-earned dinner.

Day 3

Sunday 7th August

Weather: Persistent rain for most of the day with low cloud in the mountains, easing later

Today's itinerary had to be altered, due to the weather. We had planned to ascend to south-east side of Ben Lawers, to an open area of boggy wetland, but low cloud and continual rain dictated otherwise, and our leaders decided that we would visit the Birks of Aberfeldy, a botanically rich area of woodland surrounding the, sometimes deep, gorge of the Moness Burn, south of Aberfeldy. This location was also immortalised in a song of the same title, written by Robert Burns in 1787. This circular walk runs along the east and west sides of the Moness Burn, which, due to the continual rain, was full and the waterfalls roaring.

We set off along the east side, and it was not long before we saw interesting species; *Myrrhis odorata* (Sweet Cicely), *Dryopteris filix-mas* (Male Fern), *Athyrium filix-femina* (Lady Fern) and *Chrysosplenium oppositifolia* (Opposite-leaved Golden Saxifrage) were all early finds. As we progressed a family of Spotted Flycatchers was spotted, together with Coal Tit, Great Tit and Treecreeper. This site was proving extremely rich for ferns, and our leaders demonstrated the subtle differences between them. *Phegopteris connectilis* (Beech Fern), *Gymnocarpium dryopteris* (Oak Fern) and *Oreopteris limbosperma* (Lemon-scented Fern) were all found. After some way along the path, we found *Equisetum pratense* (Shady Horsetail), *Melampyrum pratense* (Common Cow Wheat), and *Vaccinium myrtillus* (Bilberry). We returned to the car park via the west side of the Burn, adding Dipper and Robin to the bird list. Although the rain was still falling we took our picnic under the trees, before returning to Killin.

After a short refreshment break, Paul and Dawn took us down to the Falls of Dochart, at the west end of the village. Here we saw a number of native species such as *Salix cinerea* (Grey Willow), *Alnus glutinosa* (Alder), *Salix x fruticosa* (Hybrid Willow), *Galium boreale* (Northern Bedstraw), *Epilobium anagallidifolium* (Alpine Willowherb), *Valeriana officinalis* (Common Valerian), *Stachys palustris* (Marsh Woundwort) and *Linaria repens* (Pale Toadflax) naturalised on a wall. In addition, there were also a number of garden escapes/throw-outs. These included *Lysimachia punctata* (Dotted Loosestrife), *Saxifraga x urbium* (London Pride) and *Aconitum napellus* (Monk's-hood). As we made our way back to the hotel for dinner, the rain eventually stopped.

Day 4

Monday 8th August

Weather: Cloudy with sunny spells and a stiff breeze

Today dawned much brighter, and because the night had been dry the moth traps produced a few nice additions to the list, Tawny Speckled Pug, Dotted Clay, and Dark Marbled Carpet among them. After another superb breakfast, we boarded the minibus and made our way up past the Ben Lawers car park,

and parked at the dam at the southern end of Lochan na Lairige, on the road to Bridge of Balgie and Glen Lyon. Here we began to explore the wet ditch and rocks on the east side of the Loch, finding *Selaginella selaginoides* (Lesser Clubmoss), *Botrychium lunaria* (Moonwort), *Saxifraga aizoides* (Yellow Mountain Saxifrage), *Carex viridula* subsp. *brachyrrhyncha* (Long-bracted Yellow Sedge), *Carex pulicaris* (Flea Sedge), *Epilobium brunnescens* (New Zealand Willowherb), *Epilobium alsinifolium* (Chickweed Willowherb), *Silene quadrifida* (Alpine Campion) and *Dianthus deltoides* (Maiden Pink).

We now crossed the dam over to the southern end of the Tarmachan cliffs; as we reached the grassland on the other side, we found *Viola lutea* (Mountain Pansy), *Eriophorum vaginatum* (Hare's-tail Cotton-grass) and *Angelica sylvestris* (Wild Angelica). We also found *Empetrum nigrum* subsp. *nigrum* (Crowberry) and *Arctostaphylos uva-ursi* (Bearberry), both in fruit. The adjacent rock ledges produced *Polystichum lonchitis* (Holly Fern) and *Asplenium viride* (Green Spleenwort). In addition we were entertained by a family of five Ring Ouzels.

We completed our long weekend by taking lunch at the Glen Lyon Tea Rooms and Post Office, where we sat outside to enjoy the views. Great Spotted Woodpecker, Chaffinch, a family of Goosander and Spotted Flycatcher were all seen, and we had distant views of Red Deer on a hillside.

On the return journey to Killin, Paul pointed out native specimens of *Pinus sylvestris* subsp. *scotica* (Scot's Pine) and a female Peregrine was spotted. Upon our arrival back at the Killin Hotel, we all bid farewell to each other and began our various journeys home.

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Species Lists

Plants

| Scientific name | Common name | Location |
|---------------------------------|-------------------------------|---------------------------------|
| PTERIDOPHYTES | FERNS & ALLIES | |
| | | |
| Lycopodiaceae | Clubmoss Family | |
| <i>Diphasiastrum alpinum</i> | Alpine Clubmoss | Ben Lawers |
| <i>Huperzia selago</i> | Fir Clubmoss | Ben Lawers |
| <i>Lycopodium clavatum</i> | Stag's-horn Clubmoss | Ben Lawers Nature Reserve |
| | | |
| Equisetaceae | Horsetail Family | |
| <i>Equisetum arvense</i> | Field Horsetail | Ben Lawers car park |
| <i>Equisetum fluviatile</i> | Water Horsetail | Wet ditch, by Lochan na Lairige |
| <i>Equisetum palustre</i> | Marsh Horsetail | Falls of Dochart, Killin |
| <i>Equisetum pratense</i> | Shady Horsetail | Birks of Aberfeldy |
| | | |
| Selaginellaceae | Lesser Clubmoss Family | |
| <i>Selaginella selaginoides</i> | Lesser Clubmoss | Ben Lawers |
| | | |
| Aspleniaceae | Spleenwort family | |
| <i>Asplenium ruta-muraria</i> | Wall Rue | Killin |
| <i>Asplenium trichomanes</i> | Maidenhair Spleenwort | Birks of Aberfeldy |
| <i>Asplenium viride</i> | Green Spleenwort | Rocks, Tarmachan Cliffs |
| | | |
| Blechnaceae | Hard-fern Family | |
| <i>Blechnum spicant</i> | Hard-fern | Birks of Aberfeldy |
| | | |
| Dennstaedtiaceae | Bracken Family | |
| <i>Pteridium aquilinum</i> | Bracken | Birks of Aberfeldy |
| | | |
| Dryopteridaceae | Buckler Fern Family | |
| <i>Dryopteris affinis</i> agg. | Golden Scaly Male Fern | Below Tarmachan Cliffs |
| <i>Dryopteris dilatata</i> | Broad Buckler-fern | Birks of Aberfeldy |
| <i>Dryopteris expansa</i> | Northern Buckler-fern | Ben Lawers |
| <i>Dryopteris filix-mas</i> | Male Fern | Birks of Aberfeldy |
| <i>Polystichum aculeatum</i> | Hard Shield-fern | Birks of Aberfeldy |
| <i>Polystichum lonchitis</i> | Holly Fern | Rocks, Tarmachan Cliffs |
| | | |
| Ophioglossaceae | Adder's-tongue Family | |
| <i>Botrychium lunaria</i> | Moonwort | Rocks, by Lochan na Lairige |
| <i>Osmunda regalis</i> | Royal Fern | Falls of Dochart, Killin |
| | | |
| Polypodiaceae | Polypodium Family | |
| <i>Polypodium cambricum</i> | Southern Polypody | Wall, Falls of Dochart, Killin |
| <i>Polypodium vulgare</i> | Common Polypody | Birks of Aberfeldy |
| | | |
| Thelypteridaceae | Marsh Fern Family | |
| <i>Oreopteris limbosperma</i> | Lemon-scented Fern | Birks of Aberfeldy |
| <i>Phegopteris connectilis</i> | Beech Fern | Birks of Aberfeldy |
| | | |
| | | |

| Scientific name | Common name | Location |
|---|-------------------------------|---------------------------------|
| <i>Senecio vulgaris</i> | Groundsel | Killin |
| <i>Solidago virgaurea</i> | Goldenrod | Common |
| <i>Sonchus asper</i> | Prickly Sow-thistle | Killin |
| <i>Sonchus oleraceus</i> | Smooth Sow-thistle | Birks of Aberfeldy |
| <i>Taraxacum agg.</i> | Dandelion | Common |
| | | |
| Boraginaceae | Borage Family | |
| <i>Echium vulgare</i> | Viper's Bugloss | Ben Lawers car park |
| <i>Myosotis arvensis</i> | Field Forget-me-not | Birks of Aberfeldy |
| <i>Myosotis alpestris</i> | Alpine Forget-me-not | Ben Lawers |
| | | |
| Betulaceae | Birch Family | |
| <i>Alnus glutinosa</i> | Alder | Falls of Dochart, Killin |
| <i>Betula pendula</i> | Silver Birch | Bridge of Balgie, Glen Lyon |
| <i>Betula pubescens subsp. tortuosa</i> | Downy Birch | Ben Lawers Nature Reserve |
| | | |
| Brassicaceae | Cabbage Family | |
| <i>Arabidopsis thaliana</i> | Thale Cress | Wall, Falls of Dochart, Killin |
| <i>Capsella bursa-pastoris</i> | Shepherd's-purse | Hotel grounds |
| <i>Cochlearia pyrenaica subsp. alpina</i> | Alpine Scurvy-grass | Ben Lawers |
| <i>Draba norvegica</i> | Rock Whitlow-grass | Ben Lawers |
| <i>Sisymbrium officinale</i> | Hedge Mustard | Birks of Aberfeldy |
| | | |
| Campanulaceae | Bellflower Family | |
| <i>Campanula rotundifolia</i> | Harebell | Very Common |
| | | |
| Caprifoliaceae | Honeysuckle Family | |
| <i>Lonicera periclymenum</i> | Honeysuckle | Birks of Aberfeldy |
| <i>Sambucus racemosus</i> | Red-berried Elder | Birks of Aberfeldy |
| <i>Viburnum opulus</i> | Guelder-rose | Birks of Aberfeldy |
| | | |
| Caryophyllaceae | Pink Family | |
| <i>Cerastium alpinum</i> | Alpine Mouse-ear | Bienn Ghlas |
| <i>Cerastium fontanum</i> | Common Mouse-ear | Bienn Ghlas |
| <i>Dianthus deltoides</i> | Maiden Pink | Verge by Lochan na Lairige |
| <i>Lychnis flos-cuculi</i> | Ragged Robin | Falls of Dochart, Killin |
| <i>Minuartia sedoides</i> | Mossy Cyphel | Ben Lawers |
| <i>Sagina procumbens</i> | Procumbent Pearlwort | Killin |
| <i>Silene acaulis</i> | Moss Champion | Ben Lawers |
| <i>Silene dioica</i> | Red Champion | Birks of Aberfeldy |
| <i>Silene latifolia</i> | White Champion | Birks of Aberfeldy |
| <i>Silene quadrifida</i> | Alpine Champion | Wet ditch, by Lochan na Lairige |
| <i>Silene vulgaris</i> | Bladder Champion | Birks of Aberfeldy |
| <i>Stellaria media</i> | Common Chickweed | Birks of Aberfeldy |
| | | |
| Cistaceae | Cistus Family | |
| <i>Helianthemum nummularium</i> | Common Rockrose | Bienn Ghlas |
| | | |
| Clusiaceae | St. John's-wort Family | |
| <i>Hypericum pulchrum</i> | Elegant St. John's-wort | Rocks, by Lochan na Lairige |
| | | |

| Scientific name | Common name | Location |
|--------------------------------------|-------------------------|---------------------------------|
| Convolvulaceae | Bindweed Family | |
| <i>Calystegia sepium</i> | Hedge Bindweed | Birks of Aberfeldy |
| <i>Convolvulus arvensis</i> | Field Bindweed | Killin |
| | | |
| Cornaceae | Dogwood Family | |
| <i>Cornus sanguinea</i> | Dogwood | Birks of Aberfeldy |
| | | |
| Crassulaceae | Stonecrop Family | |
| <i>Sedum acre</i> | Stonecrop | Wet ditch, by Lochan na Lairige |
| <i>Sedum rosea</i> | Roseroot | Ben Lawers |
| | | |
| Dipsacaceae | Teasel Family | |
| <i>Succisa pratensis</i> | Devil's-bit Scabious | Common |
| | | |
| Empetraceae | Crowberry Family | |
| <i>Empetrum nigrum subsp. nigrum</i> | Crowberry | Wet ditch, by Lochan na Lairige |
| | | |
| Ericaceae | Heather Family | |
| <i>Arctostaphylos uva-ursi</i> | Bear Berry | Below the Tarmachan Cliffs |
| <i>Calluna vulgaris</i> | Heather | Ben Lawers Nature Reserve |
| <i>Erica cinerea</i> | Bell Heather | Ben Lawers Nature Reserve |
| <i>Erica tetralix</i> | Cross-leaved Heath | Ben Lawers Nature Reserve |
| <i>Vaccinium myrtillus</i> | Bilberry | Ben Lawers Nature Reserve |
| | | |
| Euphorbiaceae | Euphorbia Family | |
| <i>Euphorbia helioscopia</i> | Sun Spurge | Killin |
| <i>Euphorbia peplus</i> | Petty Spurge | Killin |
| <i>Mercurialis annua</i> | Annual Mercury | Killin |
| <i>Mercurialis perennis</i> | Dog's Mercury | Birks of Aberfeldy |
| | | |
| Fabaceae | Pea Family | |
| <i>Cytisus scoparius</i> | Broom | Birks of Aberfeldy |
| <i>Lathyrus linifolius</i> | Bitter Vetch | Birks of Aberfeldy |
| <i>Lathyrus pratensis</i> | Meadow Vetchling | Killin |
| <i>Tripolium dubium</i> | Small Yellow Trefoil | Killin |
| <i>Trifolium repens</i> | White Clover | Killin |
| <i>Trifolium pratense</i> | Red Clover | Killin |
| <i>Vicia cracca</i> | Tufted Vetch | Birks of Aberfeldy |
| <i>Vicia sepium</i> | Bush Vetch | Birks of Aberfeldy |
| <i>Ulex europaeus</i> | Gorse | Falls of Dochart, Killin |
| | | |
| Fagaceae | Beech Family | |
| <i>Fagus sylvatica</i> | Beech | Birks of Aberfeldy |
| <i>Quercus robur</i> | Pendunculate Oak | Birks of Aberfeldy |
| | | |
| Geraniaceae | Geranium Family | |
| <i>Geranium pratense</i> | Meadow Crane's-bill | Roadsides |
| <i>Geranium robertianum</i> | Herb Robert | Birks of Aberfeldy |
| <i>Geranium sylvaticum</i> | Wood Crane's-bill | Birks of Aberfeldy |
| | | |
| | | |

| Scientific name | Common name | Location |
|-----------------------------------|----------------------------------|---------------------------------|
| Lamiaceae | Dead-nettle Family | |
| <i>Ajuga reptans</i> | Common Bugle | Birks of Aberfeldy |
| <i>Prunella vulgaris</i> | Self Heal | Birks of Aberfeldy |
| <i>Stachys palustris</i> | Marsh Woundwort | Falls of Dochart, Killin |
| <i>Stachys sylvatica</i> | Hedge Woundwort | Birks of Aberfeldy |
| <i>Teucrium scorodonia</i> | Wood Sage | Birks of Aberfeldy |
| <i>Thymus polytrichus</i> | Wild Thyme | Wet ditch, by Lochan na Lairige |
| | | |
| Lentibulariaceae | Bladderwort Family | |
| <i>Pinguicula vulgaris</i> | Common Butterwort | Bienn Ghlas |
| | | |
| Linaceae | Flax Family | |
| <i>Linum catharticum</i> | Purging Flax | Wet ditch, by Lochan na Lairige |
| | | |
| Malvaceae | Mallow Family | |
| <i>Malva moschata</i> | Musk Mallow | Roadsides |
| | | |
| Menyanthaceae | Bogbean Family | |
| <i>Menyanthes trifoliata</i> | Bogbean | Ben Lawers Nature Reserve |
| | | |
| Myricaceae | Bog-myrtle Family | |
| <i>Myrica gale</i> | Bog-myrtle | South of Bridge of Balgie |
| | | |
| Oleaceae | Olive Family | |
| <i>Fraxinus excelsior</i> | Ash | Falls of Dochart, Killin |
| <i>Ligustrum vulgare</i> | Privet | Falls of Dochart, Killin |
| | | |
| Onagraceae | Willowherb Family | |
| <i>Chamerion angustifolium</i> | Rosebay Willowherb | Roadsides |
| <i>Circaea lutetiana</i> | Enchanter's Nightshade | Birks of Aberfeldy |
| <i>Epilobium alsinifolium</i> | Chickweed Willowherb | Wet ditch, by Lochan na Lairige |
| <i>Epilobium anagallidifolium</i> | Alpine Willowherb | Wall, Falls of Dochart, Killin |
| <i>Epilobium brunnescens</i> | New Zealand Willowherb | Wet ditch, by Lochan na Lairige |
| <i>Epilobium montanum</i> | Broad-leaved Willowherb | Birks of Aberfeldy |
| <i>Epilobium obscurum</i> | Short-fruited Willowherb | Birks of Aberfeldy |
| <i>Epilobium palustre</i> | Marsh Willowherb | Bienn Ghlas |
| | | |
| Orobanchaceae | Broomrape Family | |
| <i>Orobanche minor</i> | Common Broomrape | Birks of Aberfeldy |
| | | |
| Oxalidaceae | Oxalis Family | |
| <i>Oxalis acetosella</i> | Wood Sorrel | Birks of Aberfeldy |
| | | |
| Papaveraceae | Poppy Family | |
| <i>Meconopsis cambrica</i> | Welsh Poppy | Naturalised, Birks of Aberfeldy |
| <i>Papaver rhoeas</i> | Common Poppy | Roadsides |
| | | |
| Parnassiaceae | Grass of Parnassus Family | |
| <i>Parnassia palustris</i> | Grass of Parnassus | Coire Odhar |
| | | |
| | | |

| Scientific name | Common name | Location |
|--------------------------------------|---------------------------|---------------------------------|
| Plantaginaceae | Plantain Family | |
| <i>Plantago coronopus</i> | Stag's-horn Plantain | Ben Lawers Nature Reserve |
| <i>Plantago lanceolata</i> | Ribwort Plantain | Birks of Aberfeldy |
| <i>Plantago major</i> | Greater Plantain | Killin |
| | | |
| Polygalaceae | Milkwort Family | |
| <i>Polygala vulgaris</i> | Common Milkwort | Bienn Ghlas |
| | | |
| Polygonaceae | Dock Family | |
| <i>Oxyria digyna</i> | Mountain sorrel | Ben Lawers |
| <i>Persicaria vivipara</i> | Alpine Bistort | Ben Lawers |
| <i>Rumex acetosella</i> | Sheep's Sorrel | Below Bienn Ghlas |
| <i>Rumex crispus</i> | Curled Dock | Killin |
| <i>Rumex longifolius</i> | Northern Dock | Roadsides |
| <i>Rumex obtusifolius</i> | Broad-leaved Dock | Killin |
| <i>Rumex sanguineus</i> | Wood Dock | Birks of Aberfeldy |
| | | |
| Primulaceae | Primrose family | |
| <i>Anagallis arvensis</i> | Scarlet Pimpernel | Killin |
| <i>Lysimachia nemorum</i> | Yellow Pimpernel | Birks of Aberfeldy |
| <i>Lysimachia punctata</i> | Dotted Loosestrife | Naturalised at Killin |
| <i>Primula veris (leaves)</i> | Cowslip | Ben Lawers |
| | | |
| Pyrolaceae | Wintergreen Family | |
| <i>Pyrola minor</i> | Common Wintergreen | Birks of Aberfeldy |
| | | |
| Ranunculaceae | Buttercup Family | |
| <i>Aconitum napellus</i> | Monk's-hood | Naturalised at Killin |
| <i>Anemone nemorum (leaves)</i> | Wood Anemone | Birks of Aberfeldy |
| <i>Clematis vitalba</i> | Old Man's Beard | Birks of Aberfeldy |
| <i>Ranunculus acris</i> | Meadow Buttercup | Ben Lawers Nature Reserve |
| <i>Ranunculus flammula</i> | Lesser Spearwort | Wet ditch, by Lochan na Lairige |
| <i>Trollius europaeus (in fruit)</i> | Globeflower | Falls of Dochart, Killin |
| | | |
| Roseaceae | Rose Family | |
| <i>Agrimonia eupatoria</i> | Agrimony | Roadsides |
| <i>Alchemilla alpina</i> | Alpine Lady's-mantle | Ben Lawers |
| <i>Alchemilla glabra</i> | Smooth Lady's-mantle | Below the Tarmachan Cliffs |
| <i>Alchemilla wichurae</i> | Lady's-mantle | Ben Lawers |
| <i>Crataegus monogyna</i> | Hawthorn | Falls of Dochart, Killin |
| <i>Filipendula ulmaria</i> | Meadow Sweet | Falls of Dochart, Killin |
| <i>Fragaria vesca</i> | Wild Strawberry | Birks of Aberfeldy |
| <i>Geum x intermedium</i> | Hybrid Avens | Birks of Aberfeldy |
| <i>Geum rivale</i> | Water Avens | Birks of Aberfeldy |
| <i>Geum urbanum</i> | Wood Avens | Birks of Aberfeldy |
| <i>Potentilla recta</i> | Tormentil | Below Bienn Ghlas |
| <i>Prunus spinosa</i> | Blackthorn | Birks of Aberfeldy |
| <i>Rubus fruticosus</i> | Bramble | Birks of Aberfeldy |
| <i>Rubus idaeus</i> | Raspberry | Birks of Aberfeldy |
| <i>Rubus ulmifolius</i> | Bramble | Birks of Aberfeldy |
| <i>Sibbaldia procumbens</i> | Sibbaldia | Ben Lawers |

| Scientific name | Common name | Location |
|---|----------------------------------|---------------------------------|
| <i>Sorbus aucuparia</i> | Rowan | Birks of Aberfeldy |
| | | |
| Rubiaceae | Bedstraw Family | |
| <i>Gallium aparine</i> | Goose-grass, Cleavers | Birks of Aberfeldy |
| <i>Galium boreale</i> | Northern Bedstraw | Rocks, Falls of Dochart, Killin |
| <i>Galium saxatile</i> | Heath Bedstraw | Below Bienn Ghlas |
| <i>Galium odoratum</i> | Woodruff | Below Bienn Ghlas |
| <i>Galium verum</i> | Ladies Bedstraw | Falls of Dochart, Killin |
| | | |
| Salicaceae | Willow Family | |
| <i>Salix arbuscula</i> | Mountain Willow | Below Tarmachan Cliffs |
| <i>Salix aurita</i> | Eared Willow | Ben Lawers Nature Reserve |
| <i>Salix caprea</i> | Goat Willow | Birks of Aberfeldy |
| <i>Salix cinerea</i> | Grey Willow | Falls of Dochart, Killin |
| <i>Salix x fruticosa</i> | Hybrid Willow | Falls of Dochart, Killin |
| <i>Salix herbacea</i> | Dwarf Willow | Ben Lawers |
| <i>Salix myrsinifolia</i> | Dark-leaved Willow | Falls of Dochart, Killin |
| <i>Salix myrsinites</i> | Whortle-leaved Willow | Ben Lawers Nature Reserve |
| <i>Salix phylicifolia</i> | Tea-leaved Willow | Ben Lawers Nature Reserve |
| <i>Salix reticulata</i> | Net-leaved Willow | Ben Lawers |
| | | |
| Saxifragaceae | Saxifrage Family | |
| <i>Chrysosplenium oppositifolium</i> | Opposite-leaved Golden Saxifrage | Birks of Aberfeldy |
| <i>Saxifraga aizoides</i> | Yellow Mountain Saxifrage | Ben Lawers Nature Reserve |
| <i>Saxifraga cernua</i> | Drooping Saxifrage | Ben Lawers |
| <i>Saxifraga hypnoides</i> | Mossy Saxifrage | Ben Lawers |
| <i>Saxifraga oppositifolia</i> | Purple Saxifrage | Ben Lawers |
| <i>Saxifraga stellaris</i> | Starry Saxifrage | Bienn Ghlas |
| <i>Saxifraga x urbium</i> | London Pride | Naturalised at Killin |
| | | |
| Scrophulariaceae | Figwort Family | |
| <i>Cymbalaria muralis</i> | Ivy-leaved Toadflax | Walls in Killin |
| <i>Euphrasia arctica</i> subsp. <i>borealis</i> | Northern Eyebright | Bienn Ghlas |
| <i>Euphrasia micrantha</i> | Heath Eyebright | Wet ditch, by Lochan na Lairige |
| <i>Euphrasia scottica</i> | Scottish Eyebright | Bienn Ghlas |
| <i>Linaria repens</i> | Pale Toadflax | On wall in Killin |
| <i>Melampyrum pratense</i> | Common Cow Wheat | Birks of Aberfeldy |
| <i>Melampyrum sylvaticum</i> | Small Cow Wheat | Birks of Aberfeldy |
| <i>Mimulus x robertsii</i> | Hybrid Monkey Flower | Falls of Dochart, Killin |
| <i>Rhinanthus minor</i> subsp. <i>borealis</i> | Yellow Rattle | Wet ditch, by Lochan na Lairige |
| <i>Rhinanthus minor</i> subsp. <i>minor</i> | Yellow Rattle | Ben Lawers Nature Reserve |
| <i>Scrophularia nodosa</i> | Common Figwort | Birks of Aberfeldy |
| <i>Verbascum thapsus</i> | Mullein | Roadsides - occasional |
| <i>Veronica arvensis</i> | Wall Speedwell | Killin |
| <i>Veronica chamaedrys</i> | Germander Speedwell | Ben Lawers Nature Reserve |
| <i>Veronica officinalis</i> | Heath Speedwell | Ben Lawers Nature Reserve |
| <i>Veronica serpyllifolia</i> subsp. <i>serpyllifolia</i> | Thyme-leaved Speedwell | Ben Lawers Nature Reserve |
| | | |
| Ulmaceae | Elm Family | |
| <i>Ulmus glabra</i> | Wych Elm | |
| | | |

| Scientific name | Common name | Location |
|---|---------------------------|---------------------------------|
| Urticaceae | | |
| Nettle Family | | |
| <i>Urtica dioica</i> | Common Nettle | Common |
| Valerianaceae | | |
| Valerian Family | | |
| <i>Valeriana officinalis</i> | Common Valerian | Falls of Dochart, Killin |
| Violaceae | | |
| Violet Family | | |
| <i>Viola riviniana</i> | Common Dog Violet | Birks of Aberfeldy |
| <i>Viola lutea</i> | Mountain Pansy | Ben Lawers |
| Liliidae (Monocotyledons) | | |
| Cyperaceae | | |
| Sedge Family | | |
| <i>Carex binervis</i> | Green-ribbed Sedge | Ben Lawers Nature Reserve |
| <i>Carex biglowii</i> | Stiff Sedge | Ben Lawers |
| <i>Carex echinata</i> | Star Sedge | Common |
| <i>Carex flacca</i> | Glaucous Sedge | Below the Tarmachan Cliffs |
| <i>Carex nigra</i> | Common Sedge | Wet ditch, by Lochan na Lairige |
| <i>Carex pallescens</i> | Pale Sedge | Birks of Aberfeldy |
| <i>Carex panicea</i> | Carnation Sedge | Wet flush below Bienn Ghlas |
| <i>Carex pulicaris</i> | Flea Sedge | Verge, by Lochan na Lairige |
| <i>Carex remota</i> | Remote Sedge | Birks of Aberfeldy |
| <i>Carex sylvatica</i> | Wood Sedge | Birks of Aberfeldy |
| <i>Carex viridula subsp. brachyrrhyncha</i> | Long-bracted Yellow Sedge | Wet ditch, by Lochan na Lairige |
| <i>Carex viridula subsp. oedocarpa</i> | Common Yellow Sedge | Wet flush below Bienn Ghlas |
| <i>Eriophorum angustifolium</i> | Common Cotton-grass | Ben Lawers Nature Reserve |
| <i>Eriophorum vaginatum</i> | Hare's-foot Cotton-grass | Below the Tarmachan Cliffs |
| <i>Trichophorum cespitosum</i> | Common Deergrass | Ben Lawers |
| Juncaceae | | |
| Rush Family | | |
| <i>Juncus acutiflorus</i> | Sharp-flowered Rush | Ben Lawers Nature Reserve |
| <i>Juncus articulatus</i> | Jointed Rush | Ben Lawers Nature Reserve |
| <i>Juncus bufonius</i> | Toad Rush | Ben Lawers car park |
| <i>Juncus bulbosus</i> | Bulbous Rush | Birks of Aberfeldy |
| <i>Juncus conglomeratus</i> | Compact Rush | Ben Lawers Nature Reserve |
| <i>Juncus effusus</i> | Soft Rush | Ben Lawers Nature Reserve |
| <i>Juncus inflexus</i> | Hard Rush | Coire Odhar |
| <i>Juncus squarrosus</i> | Heath Rush | Below Bienn Ghlas |
| <i>Juncus tenuis</i> | Slender Rush | Ben Lawers car park |
| <i>Juncus trifidus</i> | Three-leaved Rush | Below Bienn Ghlas |
| <i>Juncus triglumis</i> | Three-flowered Rush | Wet flush below Bienn Ghlas |
| <i>Luzula multiflora subsp. multiflora</i> | Heath Wood-rush | Below Bienn Ghlas |
| <i>Luzula multiflora subsp. congesta</i> | Heath Wood-rush | Below Bienn Ghlas |
| <i>Luzula pilosa</i> | Hairy Wood-rush | Birks of Aberfeldy |
| <i>Luzula spicata</i> | Spiked Wood-rush | Ben Lawers |
| <i>Luzula sylvatica</i> | Great Wood-rush | Birks of Aberfeldy |
| Liliaceae | | |
| Lily Family | | |
| <i>Tofieldia pusilla (in fruit)</i> | Scottish Asphodel | Wet ditch, by Lochan na Lairige |

| Scientific name | Common name | Location |
|--|------------------------|-----------------------------|
| Orchidaceae | Orchid Family | |
| <i>Dactylorhiza fuchsii</i> | Common Spotted Orchid | Ben Lawers Nature Reserve |
| <i>Dactylorhiza maculata subsp. ericetorum</i> | Heath Spotted Orchid | Below Bienn Ghlas |
| | | |
| Poaceae | Grass Family | |
| <i>Agrostis capillaris</i> | Common Bent | Ben Lawers Nature Reserve |
| <i>Agrostis canina</i> | Velvet Bent | Below Bienn Ghlas |
| <i>Anisantha sterilis</i> | Barren Brome | Killin |
| <i>Anthoxanthum odoratum</i> | Sweet Vernal Grass | Ben Lawers Nature Reserve |
| <i>Arrhenatherum elatius</i> | False Oat-grass | Killin |
| <i>Brachypodium sylvaticum</i> | False Brome | Birks of Aberfeldy |
| <i>Briza media</i> | Quaking Grass | Verge, by Lochan na Lairige |
| <i>Cynosurus cristatus</i> | Crested Dog's-tail | Verge, by Lochan na Lairige |
| <i>Dactylis glomerata</i> | Cock's-foot Grass | Killin |
| <i>Deschampsia cespitosa</i> | Tufted Hair-grass | Common |
| <i>Deschampsia flexuosa</i> | Wavy hair-grass | Below Bienn Ghlas |
| <i>Elytrigia repens</i> | Common Couch | Killin |
| <i>Festuca arundinacea</i> | Tall Fescue | Killin |
| <i>Festuca gigantea</i> | Giant Fescue | Birks of Aberfeldy |
| <i>Festuca vivipara</i> | Viviparous Fescue | Below Bienn Ghlas |
| <i>Festuca rubra agg.</i> | Red Fescue | Below the Tarmachan Cliffs |
| <i>Holcus lanatus</i> | Yorkshire Fog | Common |
| <i>Holcus mollis</i> | Creeping Soft-grass | Ben Lawers Nature Reserve |
| <i>Hordeum murinum</i> | Wall Barley | Killin |
| <i>Lolium perenne</i> | Perennial Rye-grass | Birks of Aberfeldy |
| <i>Melica uniflora</i> | Wood Melick | Birks of Aberfeldy |
| <i>Molinia caerulea</i> | Purple Moor-grass | Ben Lawers Nature Reserve |
| <i>Nardus stricta</i> | Mat-grass | Common |
| <i>Phalaris arundinacea</i> | Reed Canary Grass | Falls of Dochart, Killin |
| <i>Phalaris arundinacea var. 'Picta'</i> | Gardener's Gaiters | Naturalised at Killin |
| <i>Poa alpina var. vivipara</i> | Alpine Meadow-grass | Ben Lawers |
| <i>Poa annua</i> | Annual Meadow-grass | Killin |
| <i>Poa compressa</i> | Flattened Meadow-grass | Wall, Killin |

Birds (H = heard only)

| | Common name | Scientific name | August | | | |
|----|------------------------|-----------------------------------|--------|---|---|---|
| | | | 5 | 6 | 7 | 8 |
| 1 | Common Pheasant | <i>Phasianus colchicus</i> | ✓ | | | |
| 2 | Mallard | <i>Anus platyrhynchos</i> | | | ✓ | ✓ |
| 3 | Tufted Duck | <i>Aythya fuligula</i> | | | ✓ | |
| 4 | Common Merganser | <i>Mergus merganser</i> | | | | ✓ |
| 5 | Grey Heron | <i>Ardea cinerea</i> | ✓ | | | |
| 6 | Common Buzzard | <i>Buteo buteo</i> | ✓ | | ✓ | ✓ |
| 7 | Common Kestrel | <i>Falco tinnunculus</i> | | | | |
| 8 | Peregrine Falcon | <i>Falco peregrinus</i> | | | | ✓ |
| 9 | Eurasian Oystercatcher | <i>Haematopus ostralegus</i> | | | | ✓ |
| 10 | Black-headed Gull | <i>Chroicocephalus ridibundus</i> | | | ✓ | |
| 11 | European Herring Gull | <i>Larus argentatus</i> | ✓ | | | |
| 12 | Feral Pigeon | <i>Columba livia 'feral'</i> | | | | ✓ |
| 13 | Common Wood Pigeon | <i>Columba palumbus</i> | ✓ | ✓ | ✓ | ✓ |
| 14 | Eurasian Collared Dove | <i>Streptopelia decaocto</i> | | ✓ | ✓ | ✓ |

| | Common name | Scientific name | August | | | |
|----|--------------------------|--------------------------------|--------|---|---|---|
| | | | 5 | 6 | 7 | 8 |
| 15 | Common Swift | <i>Apus apus</i> | ✓ | ✓ | ✓ | ✓ |
| 16 | Great Spotted Woodpecker | <i>Dendrocopos major</i> | | | | ✓ |
| 17 | Eurasian Magpie | <i>Pica pica</i> | ✓ | | ✓ | |
| 18 | Western Jackdaw | <i>Corvus monedula</i> | ✓ | ✓ | ✓ | ✓ |
| 19 | Rook | <i>Corvus frugilegus</i> | | | | ✓ |
| 20 | Hooded Crow | <i>Corvus cornix</i> | | | ✓ | ✓ |
| 21 | Carrion Crow | <i>Corvus corone</i> | ✓ | ✓ | ✓ | ✓ |
| 22 | Northern Raven | <i>Corvus corax</i> | | ✓ | | ✓ |
| 23 | Coal Tit | <i>Parus ater</i> | | | ✓ | |
| 24 | Great Tit | <i>Parus major</i> | | | ✓ | |
| 25 | European Blue Tit | <i>Cyanistes caeruleus</i> | | | ✓ | |
| 26 | Sand Martin | <i>Riparia riparia</i> | | | | ✓ |
| 27 | Barn Swallow | <i>Hirundo rustica</i> | ✓ | ✓ | ✓ | ✓ |
| 28 | Common House Martin | <i>Delichon urbica</i> | ✓ | ✓ | ✓ | ✓ |
| 29 | Eurasian Wren | <i>Troglodytes troglodytes</i> | | | H | |
| 30 | Eurasian Treecreeper | <i>Certhia familiaris</i> | | | ✓ | |
| 31 | Common Starling | <i>Sturnus vulgaris</i> | ✓ | | ✓ | ✓ |
| 32 | Ring Ouzel | <i>Turdus torquatus</i> | | | | ✓ |
| 33 | Common Blackbird | <i>Turdus merula</i> | ✓ | | ✓ | ✓ |
| 34 | European Robin | <i>Erithacus rubecula</i> | | | ✓ | H |
| 35 | Northern Wheatear | <i>Oenanthe oenanthe</i> | | ✓ | | ✓ |
| 36 | Spotted Flycatcher | <i>Muscicapa striata</i> | | | ✓ | ✓ |
| 37 | White Throated Dipper | <i>Cinclus cinclus</i> | | | ✓ | |
| 38 | House Sparrow | <i>Passer domesticus</i> | ✓ | | ✓ | ✓ |
| 39 | Grey Wagtail | <i>Motacilla cinerea</i> | | | ✓ | |
| 40 | Pied Wagtail | <i>Motacilla alba yarellii</i> | ✓ | | ✓ | |
| 41 | Meadow Pipit | <i>Anthus pratensis</i> | | ✓ | | ✓ |
| 42 | Common Chaffinch | <i>Fringilla coelebs</i> | ✓ | ✓ | ✓ | ✓ |
| 43 | European Greenfinch | <i>Carduelis chloris</i> | ✓ | ✓ | | |
| 44 | European Goldfinch | <i>Carduelis carduelis</i> | | | | ✓ |
| 45 | Redpoll | <i>Carduelis flammea</i> | | ✓ | | |
| 46 | Eurasian Bullfinch | <i>Pyrrhula pyrrhula</i> | | | | |
| 47 | Yellowhammer | <i>Emberiza citronella</i> | | | | |

NB. This species list follows the names, taxonomy and species order of the International Ornithological Congress (version 2.9 , July 2011)

Butterflies

| | Common name | Scientific name | August | | | |
|--------------------|---------------------|-----------------------|--------|---|---|---|
| | | | 5 | 6 | 7 | 8 |
| Nymphalidae | | | | | | |
| 1 | Small Tortoiseshell | <i>Aglais urticae</i> | | ✓ | | |

Moths (C = Caterpillar)

| | Common name | Scientific name | August | | | |
|---|---------------------|-------------------------------------|--------|---|---|---|
| | | | 5 | 6 | 7 | 8 |
| 1 | Emperor Moth | <i>Saturnia pavonia</i> | | | | C |
| 2 | Galium Carpet | <i>Epirrhoe galiata</i> | ✓ | | | |
| 3 | Dark Marbled Carpet | <i>Chloroclysta concinnata</i> | | | | ✓ |
| 4 | Green Carpet | <i>Colostygia pectinataria</i> | ✓ | | | |
| 5 | Pretty Pinion | <i>Perizoma blandiata blandiata</i> | ✓ | | | |

| | Common name | Scientific name | August | | | |
|----|--------------------------------|-----------------------------------|--------|---|---|---|
| | | | 5 | 6 | 7 | 8 |
| 6 | Twin-spot Carpet | <i>Perizoma didymata didymata</i> | | ✓ | | ✓ |
| 7 | White-spotted Pug | <i>Eupithecia tripunctaria</i> | ✓ | | | |
| 8 | Tawny Speckled Pug | <i>Eupithecia icterata</i> | | | | ✓ |
| 9 | Garden Tiger | <i>Arctia caja</i> | | ✓ | | |
| 10 | Large Yellow Underwing | <i>Noctua pronuba</i> | | ✓ | | ✓ |
| 11 | Lesser Yellow Underwing | <i>Noctua comes</i> | | ✓ | | ✓ |
| 12 | Broad-bordered Yellow U'wing | <i>Noctua fimbriata</i> | | ✓ | | |
| 13 | Lesser Broad-bordered Y U'wing | <i>Noctua janthe</i> | | ✓ | | ✓ |
| 14 | Dotted Clay | <i>Xestia baja</i> | | | | ✓ |
| 15 | Antler Moth | <i>Cerapteryx graminis</i> | ✓ | ✓ | | |
| 16 | Brown-line Bright-eye | <i>Mythimna conigera</i> | | | ✓ | |
| 17 | Dark Arches | <i>Apamea monoglypha</i> | ✓ | ✓ | | ✓ |
| 18 | Common Rustic | <i>Mesaparmea secalis</i> | | ✓ | | |
| 19 | Burnished Brass | <i>Diachrysia chrysitis</i> | | ✓ | | |
| 20 | Snout | <i>Hypena proboscidalis</i> | | | ✓ | |

Other Invertebrates

| | Common name | Scientific name | August | | | |
|---|----------------------|------------------------------|--------|---|---|---|
| | | | 5 | 6 | 7 | 8 |
| 1 | Violet Ground Beetle | <i>Carabus violaceus</i> | | ✓ | | ✓ |
| 2 | 7-Spot Ladybird | <i>Coccinella 7-punctata</i> | | | ✓ | |

Molluscs

| | Common name | Scientific name | August | | | |
|---|-------------|------------------|--------|---|---|---|
| | | | 5 | 6 | 7 | 8 |
| 1 | Black Slug | <i>Arion sp.</i> | | ✓ | | ✓ |

Amphibians & Reptiles

| | Common name | Scientific name | August | | | |
|---|-------------|------------------|--------|---|---|---|
| | | | 5 | 6 | 7 | 8 |
| 1 | Common Toad | <i>Bufo bufo</i> | | ✓ | | |

Mammals

| | Common name | Scientific name | August | | | |
|---|--------------|------------------------------|--------|---|---|---|
| | | | 5 | 6 | 7 | 8 |
| 1 | Red Squirrel | <i>Sciurus vulgaris</i> | ✓ | | | |
| 2 | Rabbit | <i>Oryctolagus cuniculus</i> | ✓ | | | |
| 3 | Red Deer | <i>Cervus elaphus</i> | | | | ✓ |