The Burren

Naturetrek Tour Report

23rd - 27th May 2022



Moon Gate by Bruce Middleton Tour report by Bruce Middleton



Spring Gentian by Bruce Middleton

Tour Participants: Bruce Middleton (leader) with 14 Naturetrek clients

Day 1

Monday 23rd May

Weather: A little rain to begin with but later the sun came out.

Bruce Middleton welcomed 14 Naturetrekkers in total at Shannon Airport or at the Sheedys Hotel, Lisdoonvarna. Then after everyone had checked in to the hotel and made their dinner menu requests, we set off in the bus to Newtown Castle, Ballyvaughan. Beside the 16th-century, cylindrical, fortified tower-house there is an art college with a small café where we had lunch.

After we were suitably nourished, we first looked around the tower and found Fairy Foxglove *Erinus alpinus* and Rustyback Fern *Asplenium ceterach* growing out of the mortar in the walls. Then we set off on a walk down a lane and then up onto Cappanavalla Hill. We entered an area of woodland and scrub and here we spotted our first butterflies of the tour including Pearl-bordered Fritillary *Boloria euphrosyne*, Peacock *Inachis io*, Orange Tip *Anthocharis cardamines*, Dingy Skipper *Erynnis tages* and Wood White *Leptidea sinapsis*. As we started our ascent, we were welcomed by a very vocal Eurasian Blackcap *Sylvia atricapilla* and we also saw a Eurasian Bullfinch *Pyrrhula pyrrhula*. We saw a good variety of plants that included Lousewort *Pedicularis sylvatica*, Mountain Everlasting *Antennaria dioica*, Wild Thyme *Thymus drucei*, Common Milkwort *Polygala vulgaris*, Rue-leaved Saxifrage *Saxifraga tridactylites* and Early Purple Orchid *Orchis mascula*. Then there was the breath-taking metallic blue propeller-shaped Spring Gentians *Gentiana verna* and to top it all, lots of the beautiful Large-flowered Butterwort *Pingucula grandiflora* could be found as well. We then wandered back to the bus which returned us back to the hotel to freshen up before having the first of our delicious evening tour meals.

Day 2

Tuesday 24th May

Weather: A mix of sunshine and cloud but remained dry all day.

After a large breakfast for some of us, we set off to Poll Sallach on the coast road. Here we looked at the limestone pavement and it was not long before we found Maidenhair Fern Adiantum capillus-veneris by just looking down in the crevices. We also found the beautiful yellow flowered Hoary Rock-rose Helianthemum oelandicum subsp. piloselloides and we also found Limestone Bedstraw Galium sterneri, Heath Spotted-orchids Dactylorhiza maculata subsp. ericetorum galore. We also found some the Early Marsh Orchid Dactylorhiza incarnata subsp. incarnata. We then crossed the road and made our way towards the sea and found Sea Spleenwort Asplenium marinum and lots of pink-coloured Thrift Armeria maritima. We looked for the Pyramidal Bugle Ajuga pyramidalis where it had been found in previous years but could not be found on this day.

We then continued along the coast road in the bus to Black Head and then disembarked to look and see what sea birds could be seen around the lighthouse. Straight away we saw a couple of Black Guillemots *Cepphus grille* and a Sandwich Tern *Thalasseus sandvicensis* flying by and then with a bit more searching through the binoculars, we saw Great Northern Diver *Gavia immer* and a number of Manx Shearwater *Puffinus puffinus*.

We then headed towards Ballyvaughan but before we reached there, we stopped at the wellsite which had lots of Fairy Foxgloves *Erinus alpinus* growing on it. Next stop was lunch at Monks Bar that specialises in seafood, and the food here melted in the mouth.

In the afternoon we drove a little way back and set off down a path towards the sea to look at a coastal spit known as the Rine. The path had numerous Wood White *Leptidea sinapsis* butterflies and a few Dingy Skipper *Erynnis tages* fluttering along it in the sunshine as we were serenaded by a Greenfinch *Chloris chloris* on our right and a Cuckoo *Cuculus canorus* on our left. With further searching we spotted two Cuckoos and then as we came out onto the beach some of us saw two Eurasian Whimbrel *Numenius phaeopus* that soon flew off. On the beach we came across some nice flowers that included Greater Sea-spurrey *Spergularia media*, Lesser Sea-spurrey *Spergularia marina*, lots of Field Mouse-ear *Cerastium arvense* and some Sea Mouse-ear *Cerastium diffusum*. We also came across an area of saltmarsh that had the plants of both Lax-flowered Sea-lavender and Irish Sea-lavender. However, it was too early to see them in flower.

We then set off away from the coast and went up to prehistoric Poulnabrone Dolmen. There we looked at it lying atop the limestone pavement. Beside the Dolmen there was a wet ditch which had lots of Brooklime *Veronica beccabunga*, Lesser Spearwort *Ranunculus flammula* and some Marsh Arrowgrass *Triglochin palustris* growing in it. There was also a small fenced-off pond that had Common Spike-rush *Eleocharis palustris* and Bog Pondweed *Potamogeton polygonifolius* in it.

As we made our decent back in the bus, we stopped at a ringed hill fort known as Cahermort Fort. Here we had lovely views across the landscape as well as finding our first Water Avens *Geum rivale* of the tour and the beautiful Mossy Saxifrage *Saxifraga hypnoides*. Then we returned to Sheedy's for another great evening meal.

Day 3

Wednesday 25th May

Weather: There was some rain to begin with but then it turned cloudy with some sunshine on and off throughout the rest of the day.

The day was started by us all going down into the village and buying our own packed lunch. Then we set off to the remains of Formoyle Church and from here, we walked up a green lane to look across the landscape. As we left the bus it was raining but luckily it was not too hard and for most of the walk it was dry. We heard and saw a Cuckoo *Cuculus canorus* and a few Meadow Pipits *Anthus pratensis* flew over our heads. As we climbed up this wonderful path flanked on both sides with limestone drywalls within a barren rocky landscape, we discovered Dense-flowered Orchids *Neotinea maculata*, Spring Gentian *Gentiana verna*, Mountain Avens *Dryas octopetala*, Primrose *Primula vulgaris*, Cowslip *Primula veris* and the hybrid False Oxlip *Primula x polyantha*. We then retraced our steps and returned down the hill to look at the Caher River where there was Marsh Marigold *Caltha palustris* and lots of Cuckoo Flower *Cardamine pratensis* and we also saw a few Orange Tip *Anthocharis cardamines* butterflies flying by.

Then we drove up the Caher Valley to the Caher Bridge Garden. Here we met Carl Wright and his father and parked the bus and then sat inside the garden and had our lunch. After our lunch, the enchanting Carl right from the start enthused us about his passion for his garden that he has created and is still creating. As we wandered through his magical garden, he told us about how it all started by him buying a derelict house and how he rebuilt it and how he built a paradise around it on top of the limestone pavement that supports little or no soil. He told us how he cleared small areas of Hazel bit by bit, built walls from scratch and how he sieved all the imported soil for his garden plants to survive on. He told us that he is an ecologist that has picked up his horticultural skills over the years. Carl is obviously skilful at whatever he puts his mind to and was truly an inspiration to us all. When we were beside the bridge, we had a very close up view of a White-throated Dipper *Cinclus cinclus* bobbing

up and down on a rock in the river. Then before we left Carl, he took us on a small trip to see an area of Common Butterwort *Pinguicula vulgaris* on a wet boggy area.

We found out that Carl had discovered an area where he had seen the Pyramidal Bugle the day earlier at Poll Sallach so because we had a little time, we set off in the bus back to Poll Sallach. We had to do another search but in a different area than two days earlier and we eventually found one specimen that had gone over. We then returned back to the hotel for a celebration drink to finding the elusive plant. It was another evening to enjoy the delicious evening meal chosen from our menu.

Day 4

Thursday 26th May

Weather: Day started with rain but soon cleared up and the sun came out by the end of the day.

After breakfast we set off towards Mullach Mor and en route we stopped off briefly to photograph Leminagh Castle. Here Brendan told us an entertaining tale about the local lady that had lived there and allegedly murdered her two husbands, making sure she left no evidence of her involvement in their deaths but ensuring she was still the owner of the castle when they passed away. Afterwards we set off to Mullach Mor and investigated the partly dried up Loch Gealain which is a Turlough (winter-fed lake). Here we were immediately greeted by the Shrubby Cinquefoil Potentilla fruticosa which is plentiful here. We noticed lots of Brimstone Gonepteryx rhamni butterflies which as caterpillars would have fed on the Alder Buckthorn Frangula alnus that is stunted and hugs the limestone pavement here. We also saw Blue-tailed Damselflies Ischnura elegans flying by as well as a Stonechat Saxicola rubecola that flew over our heads. There were Marsh Marigolds Caltha palustris, Black Bog-rushes Schoenus nigricans and we found Northern Bedstraw Galium boreale as well as the hybrid Viola x ritschliana violet (Heath Dog-violet Viola canina x Fen Violet Viola persicifolia) and then we found both the parents. Then we came across a spring bubbling up within the limestone pavement. There was a small pool and within it we found Curled Pondweed Potamogeton crispus, Soft Hornwort Ceratophyllum submersum and Lesser Marshwort Apium inundatum, baby Common Frogls Rana temporaria and Pond-skaters Gerris lacustris. On a further inspection of the area we also discovered Carnation Sedge Carex panicea, Common Sedge Carex nigra and Great Fen Sedge Cladium mariscus. We also saw Mute Swan Cygnus olor, Little Egret Egretta garzetta and Grey Heron Ardea cinerea. We then drove on to Cassidy's in the small hamlet of Carran for buffet meal.

Then it was off to Slieve Carran National Nature Reserve and on arriving we followed the path that leads up to the 'Eagles Rock' and here we discovered a few Dense-flowered Orchids *Neotinea maculata*. There were hundreds of plants of the eight-petaled Mountain Avens *Dryas octopetala* and it was also noted that the numerous Spring Gentians *Gentiana verna* sometimes had five petals or six petals and sometimes even only three. The path led us to the seventh-century hermitage and holy well dedicated to St Colman Mac Duagh which was hidden in a Hazel *Corylus avellana* copse. This copse had a woodland floor covered in Wild Garlic *Allium ursinum*, Yellow Pimpernel *Lysimachia nemorum* and Bluebell *Hyacinthoides non-scripta*. Below the well we also discovered the hybrid between Wood Avens *Geum urbanum* and Water Avens *Geum rivale*, known as *Geum x intermedium*. The commonest moth we saw here was the Speckled Yellow *Pseudopanthera macularia* and there were some Six-spot Burnet moths *Zygaena filipendulae*. As we looked at the holy well with Brittle Bladder-ferns *Cystopteris fragilis* growing out of the walls, we were serenaded by a Garden Warbler *Sylvia borin*. Then we walked back towards the bus via a wet bog area with Common Cotton-grass *Eriophorum angustifolium* blowing in the wind. Here we also found Common Butterwort *Pinguicula vulgaris*, Bog Pimpernel *Lysimachia tenella* and Round-leaved Sundew *Drosera rotundifolia*. We then returned to the hotel to freshen up and had another wonderful meal.

Day 5

Friday 27th May

Weather: The day was sunny all day.

After our last hearty breakfast at Sheedy's and farewells to our excellent host Martina, we set off to the Cliffs of Moher. However, it was decided we would drive just that little bit further on to see the ancient healing well of Saint Bridget and the more recent O'Brian's Monument. At the Cliffs of Moher, we had to use our binoculars but were rewarded by seeing numerous Fulmar *Fulmarus glacialis*, Guillemot *Uria aalge*, Kittiwakes *Rissa tridactyla*, Puffins *Fratercula arctica* and two Red-billed Chough *Pyrrhocorax pyrrhocorax* which flew overhead.

We then drove to Fanore Dunes where we were greeted by a number of Rabbits *Oryctolagus cuniclus* that soon disappeared into the long Marram grass *Ammophila arenaria*. The plants of note were the Dodder *Cuscuta epithymum* smothering the short grassland amongst Irish Eyebright *Euphrasia salisburgensis*. From here we returned to the hotel to drop some of the members of the group who and then we headed to the Kilfenora Burren Centre. Here we had lunch and then visited the ruins of Kilfenora Cathedral to see the ancient limestone Celtic crosses and here we observed Navelwort *Umbilicus rupestris* growing on the walls. At this point many of us parted our ways and said our goodbyes. Then the ones that needed to catch the plane went back on the bus to Shannon Airport and after saying goodbye to our wonderfully informative bus driver Brendan - so ended another lovely Naturetrek tour of the Burren.

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Species lists

Plants (* = Very localised distribution or endemic; [] = Planted or Naturalised) Nomenclature contained within this list follows the New Flora of the British Isles (4th edn) by Clive Stace

| Scientific Name | Common Name | Location |
|-------------------------|-------------------------------------|----------------|
| PTERIDOPHYTES | FERNS & ALLIES | |
| Calamophytes | Horsetails | |
| | | |
| Equisetaceae | Horsetail Family Field Horsetail | Lindonnuormo |
| Equisetum arvense | | Lisdoonvarna |
| Equisetum telmateia | Greater Horsetail | Lisdoonvarna |
| Equisetum palustre | Marsh Horsetail | Mullach Mor |
| Leptosporangiate Ferns | True Ferns | |
| Aspleniaceae | Spleenwort Family | |
| Asplenium ceterach | Rustyback | Newtown Castle |
| Asplenium marinum | Sea Spleenwort | Poll Sallach |
| Asplenium ruta-muraria | Wall-rue | Slieve |
| Applanium applanandrium | Lart's topque | Slieve |
| Asplenium scolopendrium | Hart's-tongue | Slieve |
| Asplenium trichomanes | Maidenhair Spleenwort | Cappanavalla |
| Athyriaceae | Lady-fern Family | |
| Athyrium filix-femina | Lady-fern | Slieve |
| Cystopteridaceae | Bladder-fern Family | |
| Cystopteris fragilis | Brittle Bladder-fern | Slieve |
| | | |
| Dennstaeditiaceae | Bracken Family | |
| Pteridium aquilinum | Bracken | Slieve |
| Dryopteridaceae | Buckler-fern Family | |
| Dryopteris filix-mas | Male-fern | Formoyle |
| Polystrichum aculeatum | Hard Shield-fern | Formoyle |
| Polystichum setiferum | Soft Shield-fern | Slieve |
| า อารุรแอกนกา รอนเอานกา | | |
| Polypodiaceae | Polypody Family | |
| Polypodium cambricum | Southern Polypody | Cappanavalla |
| | | |

| Scientific name | Common name | Location |
|-------------------------------|------------------------|--------------|
| Pteridaceae | Ribbon Fern Family | |
| Adiantum capillus veneris | Maidenhair Fern | Poll Sallach |
| | | |
| | | |
| PINACEAE | CONIFERS | |
| Disease | | |
| Pinaceae | Pine Family | |
| Picea abies | Norway Spruce | Lisdoonvarna |
| Picea sitchensis | Sitka Spruce | Lisdoonvarna |
| Тахасеае | Yew Family | |
| Taxus baccata | Yew | Rine |
| | | |
| ANGIOSPERMS | FLOWERING PLANTS | |
| Ex dia ta | True Dissoluted and | |
| Eu-dicots | True Dicotyledons | |
| Amaranthaceae | Amaranth Family | |
| Atriplex prostrata | Spear-leaved Orache | Rine |
| Beta vulgaris subsp. maritima | Sea Beet | Rine |
| Chenopodium album | Fathen | Lisdoonvarna |
| | | |
| Apiaceae | Carrot Family | |
| Angelica sylvestris | Angelica | Formoyle |
| Anthriscus sylvestris | Cow Parsley | Mullach Mor |
| Conopodium majus | Pignut | Mullach Mor |
| Crithmum maritimum | Rock Samphire | Rine |
| Daucus carota subsp. carota | Wild Carrot | Formoyle |
| Daucus carota subsp. gummifer | Sea Carrot | Rine |
| Heracleum sphondylium | Hogweed | Lisdoonvarna |
| Oenanthe crocata | Hemlock Water-dropwort | Caher Valley |
| Sanicula europaea | Sanicle | Slieve |
| | | |
| Aquifoliaceae | Holly Family | |
| llex aquifolia | Holly | Slieve |
| Araliaceae | Ivy Family | |
| Hedera hibernica | Atlantic Ivy | Slieve |
| | | |
| Asteraceae | Daisy Family | |
| | | |

Scientific name

Tour Report

Achillea millefolium Antennaria dioica Aster tripolium Bellis perennis Carlina vulgaris Centaurea nigra Cirsium arvense Cirsium dissectum Cirsium palustre Cirsium vulgare Crepis capillaris Crepis vesicaria Eupatorium cannabinum Hieracium agg Hypochoeris radicata Lapsana communis Leucanthemum vulgare Matricaria discoidea Mycelis muralis Pilosella officinarum Senecio jacobaea Senecio vulgaris Solidago virgaurea Sonchus asper Sonchus arvensis Sonchus oleraceus Taraxacum agg Tripleurospermum maritimum Tussilago farfara Petasites fragrans

Betulaceae

Alnus glutinosa Betula pendula Betula pubescens Corylus avellana

Brassicaceae Arabis hirsuta Barbarea vulgaris **Common name** Yarrow Mountain Everlasting or Cat's-paw Sea Aster Daisy **Carline Thistle** Common Knapweed **Creeping Thistle** Meadow Thistle Marsh Thistle Spear Thistle Smooth Hawk's-beard Beaked Hawk's-beard Hemp-agrimony Hawkweed group Common Cat's-ear Nipplewort **Ox-eye** Daisy **Pineapple Weed** Wall Lettuce Mouse-ear Hawkweed Common Ragwort Groundsel Goldenrod Prickly Sow-thistle Perennial Sow-thistle Smooth Sow-thistle Dandelion group Sea Mayweed Colt's-foot Winter Heliotrope

Birch Family

Common Alder Silver Birch Downy Birch Hazel

Cabbage Family Hairy Rock-cress Winter-cress

Location Lisdoonvarna Cappanavalla Poll Sallach Lisdoonvarna Slieve Cappanavalla Lisdoonvarna Mullach Mor Caher Valley Lisdoonvarna Lisdoonvarna Rine Poll Sallach Lisdoonvarna Mullach Mor Slieve Cappanavalla Rine Cappanavalla Slieve Cappanavalla Cappanavalla Cappanavalla Cappanavalla Poll Sallach Lisdoonvarna Cappanavalla Rine Cappanavalla Carran

Rine Cahermort Caher Bridge Cappanavalla

Poll Sallach Lisdoonvarna

Scientific name Capsella bursa-pastoris Cardamine flexuosa Cardamine pratensis

Cochlearia officinalis Coronopus didymus Draba verna Hesperis matrionalis Nasturtium officinale Raphanus raphanistrum subsp. maritimum Sisymbrium officinale

Droseraceae

Drosera rotundifolia

Caprifoliacae

Lonicera nitida Lonicera periclymenum Sambucus nigra Symphoricarpos albus Viburnum opulus

Caryophyllaceae

Arenaria serpyllifolia Cerastium arvense Cerastium diffusum Cerastium fontanum Cerastium glomeratum Honckenya peploides Minuartia verna Sagina procumbens Silene dioica Silene dioica Silene flos-cuculi Silene uniflora Spergularia marina Spergularia media

Celastraceae

Euonymus europaeus

Common name Shepherd's-purse Wavy Bitter-cress Cuckooflower Common Scurvygrass Lesser Swine-cress Common Whitlow-grass Dame's-violet Water-cress Sea Radish Hedge Mustard

Sundew Family Round-leaved Sundew

Honeysuckle Family Shining Honeysuckle Honeysuckle Elderberry Snowberry Guelder-rose

Pink Family

Thyme-leaved Sandwort Field Mouse-ear Sea Mouse-ear Common Mouse-ear Sticky Mouse-ear Sea Sandwort Spring Sandwort Procumbent Pearlwort Red Campion Ragged Robin Sea Campion Lesser Sea-spurrey Greater Sea-spurrey Common Chickweed

Spindle Family Spindle Location Cappanavalla Cappanavalla Cappanavalla Poll Sallach Rine Lisdoonvarna Roadsides Caher Valley Rine

Slieve

Rine

Cappanavalla Cappanavalla Cappanavalla Cappanavalla Formoyle

Poll Sallach Rine Rine Lisdoonvarna Lisdoonvarna Rine Poulna brone Cappanavalla Cappanavalla Poulna brone Rine Rine Rine Rine

Cappanavalla

| Scientific name | Common name | Location |
|-----------------------------------------------|------------------------------------|-----------------|
| Ceratophyllacae | Hornwort Family | |
| Ceratophyllum submersum | Soft Hornwort | Mullach Mor |
| Cistaceae | Rock-rose Family | |
| Helianthemum oelandicum ssp. piloselloides | Hoary Rock-rose | Poll Sallach |
| Convolvulaceae | Bindweed Family | |
| Calystegia sylvatica | Large Bindweed | Poll Sallach |
| Cuscuta epithymum | Dodder | Fanore |
| Crassulaceae | Stonecrop Family | |
| Sedum acre | Biting Stonecrop | Rine |
| Sedum album | White Stonecrop | Poll Sallach |
| Umbilicus rupestris | Navelwort | Kilfenora |
| Dipsacaceae | Teasel Family | |
| Jasione montana | Sheep's-bit Scabious | Cliffs of Moher |
| Succia pratensis | Devil's-bit Scabious (leaves only) | Cappanavalla |
| Ericaceae | Heather Family | |
| Calluna vulgaris | Heather | Slieve |
| Erica tetralix | Cross-leaved Heath | Slieve |
| Rhododendron ponticum | Rhododendron | Road sides |
| Vaccinium myrtilus | Bilberry | Poll Sallach |
| Euphorbiaceae | Spurge Family | |
| Euphorbia paralias | Sea Spurge | Fanore |
| Euphorbia peplus | Petty Spurge | Lisdoonvarna |
| Fabaceae | Pea Family | |
| Anthyllis vulneraria | Kidney Vetch | Poll Sallach |
| Lathyrus linifolius | Bitter Vetch | Cappanavalla |
| Lathyrus pratensis | Meadow Vetchling | Cappanavalla |
| Lotus corniculatus | Bird's-foot-trefoil | Cappanavalla |
| Medicago lupulina | Black Medick | Formoyle |
| Trifolium dubium | Lesser Trefoil | Cappanavalla |
| | | |

Red Clover

White Clover

Tufted Vetch

Gorse

Cappanavalla

Cappanavalla

Cappanavalla

Cappanavalla

Trifolium pratense

Trifolium repens

Ulex europaeus

Vicia cracca

Scientific name Vicia sepium

Fagaceae Quercus robur

Gentianaceae Blackstonia perfoliata Centaurium erythraea Gentiana verna

Geraniaceae

Geranium lucidum Geranium molle Geranium robertianum Geranium sanguineum

Hippuridaceae Hippuris vulgaris

Hypericaceae Hypericum hirsutum Hypericum perforatum Hypericum tetrapterum

Lamiaceae

Ajuga pyramidalis Ajuga reptans Mentha aquatica Prunella vulgaris Stachys sylvatica Teucrium scorodonia Thymus drucei

Lentibulariaceae Pinguicula grandiflora Pinguicula vulgaris

Malvaceae Lavatera arborea Common name Bush Vetch

Oak & Beech Family Pendunculate Oak

Gentian Family Yellow-wort Common Centaury Spring Gentian

Geranium Family Shining Crane's-bill Dove's-foot Crane's-bill Herb Robert Bloody Crane's-bill

Mare's-tail Family Mare's-tail

St John's-wort Family Hairy St John's-wort Perforate St John's-wort Square-stalked St John's-wort

Dead-nettle Family Pyramidal Bugle Common Bugle Water Mint Self-heal Hedge Woundwort Wood Sage Wild Thyme

Bladderwort Family Large-flowered Butterwort Common Butterwort

Mallow Family Tree Mallow Location Cappanavalla

Caher Bridge

Cappanavalla Cappanavalla Cappanavalla

Cappanavalla Pinacle well Cappanavalla Cappanavalla

Caher Bridge

Lisdoonvarna Formoyle Poulna brone

Poll Sallach Slieve Cappanavalla Poll Sallach Cappanavalla Cappanavalla

Cappanavalla Slieve

Cliffs of Moher

| Scientific name | Common name | Location |
|--------------------------------------------|-----------------------------------------|--------------|
| Menyanthaceae | Bog-bean Family | Location |
| Menyanthes trifoliata | Bog-bean | Caher Bridge |
| | 209 0000 | eaner Enage |
| Myricaceae | Myrtle Family | |
| Myrica gale | Bog Myrtle | Slieve |
| | | |
| | Olive Family | o " |
| Fraxinus excelsior | Ash | Cappanavalla |
| Onagraceae | Willow-herb Family | |
| Chamaenerion angustifolium | Rosebay Willow-herb | Lisdoonvarna |
| Circaea lutetiana | Enchanter's-nightshade | Slieve |
| Epilobium hirsutum | Great Willow-herb | Cappanavalla |
| Epilobium montanum | Broad-leaved Willow-herb | Cappanavalla |
| Epilobium palustre | Marsh Willow-herb | Mullach Mor |
| Epilobium parviflorum | Hoary Willow-herb | Lisdoonvarna |
| Fuchsia magellanica | Fuchsia (wild) | Roadsides |
| Fuchsia magellanica var. macrostema | Fuchsia (of garden origin) | Roadsides |
| | | |
| Orobanchaceae | Broomrape Family | |
| Euphrasia salisburgensis var. hibernica | Irish Narrow-leaved Eyebright | Fanore |
| Euphrasia tetraquetra | Western Eyebright | Slieve |
| Orobanche alba | Thyme Broomrape | Poll Sallach |
| Orobanche minor | Common Broomrape | Fanore |
| Pedicularis sylvatica | Lousewort | Slieve |
| Rhinanthus minor | Yellow-rattle | Poll Sallach |
| | | |
| Oxalidaceae Oxalis acetosella | Wood-sorrel Family Wood-sorrel | Rine |
| | wood-soller | Rine |
| Plantaginaceae | Plantain Family | |
| Plantago coronopus | Buck's-horn Plantain | Poll Sallach |
| Plantago lanecolata | Ribwort Plantain | Rine |
| Plantago major | Greater Plantain | Rine |
| Plantago maritima | Sea Plantain | Rine |
| | | |
| Plumbaginaceae | Thrift Family | |
| Armeria maritima | Thrift | Poll Sallach |
| Limonium humile | Lax-flowered Sea-lavender (leaves only) | Rine |
| L. recurvum subsp. pseudotranswallianum | Irish Sea-lavender (leaves only) | Rine |
| | | |

| Scientific name | Common name | Loca |
|---------------------------------|----------------------------------|-------|
| Polygalaceae | Milkwort Family | |
| Polygala vulgaris | Common Milkwort | Cap |
| | | |
| Polygonaceae | Knotweed Family | |
| Falopia japonica | Japanese Knotweed | Cap |
| Polygonum aviculare | Common Knotgrass | Rine |
| Rumex acetosa | Common Sorrel | Cap |
| Rumex crispus | Curled Dock | Cap |
| Rumex crispus subsp. littoreus | Curled Dock (coastal subspecies) | Rine |
| Rumex obtusifolius | Broad-leaved Dock | Form |
| Rumex sanguineus | Wood Dock | Siev |
| | | |
| Potamogetonaceae | Pondweed Family | |
| Potamogeton crispus | Curled Pondweed | Mulla |
| Potamogeton x lanceolatus | A Pondweed | Cahe |
| Potamogeton polygonifolius | Bog Pondweed | Poul |
| Primulaceae | Primrose Family | |
| Lysimachia (Anagallis) arvensis | Scarlet Pimpernel | Rine |
| | | |

Lysimachia (Anagallis) tenella Lysimachia (Glaux) maritima Lysimachia nemorum Lysimachia punctatum Primula veris Primula vulgaris Primula x polyantha (P. vulgaris x veris)

Ranunculaceae

Anemone nemorosa Aquilegia vulgaris Caltha palustris Ficaria verna agg. Ranunculus acris Ranunculus bulbosa Ranunculus flammula Ranunculus repens Thalictrum minus

Buttercup Family

False Oxlip (Cowslip x Primrose)

Bog Pimpernel

Sea-milkwort

Cowslip

Primrose

Yellow Pimpernel

Dotted Loosestrife

Wood Anemone Columbine Marsh Marigold Lesser Celandine Meadow Buttercup Bulbous Buttercup Lesser Spearwort Creeping Buttercup Lesser Meadow-rue Location

Cappanavalla

Cappanavalla Rine Cappanavalla Cappanavalla Rine Formoyle Sieve

Mullach Mor Caher Bridge Poulna brone

Rine Slieve Rine Slieve Roadsides Formoyle Formoyle

Slieve Cappanavalla Cappanavalla Rine Cappanavalla Poulna brone Cappanavalla Mullach Mor Scientific name Rhamnaceae Frangula alnus Rhamnus catharticus

Rosaceae

Agrimonia procera Alchemilla glabra Alchemilla filicaulis subsp. vestita Alchemilla xanthochlora Aphanes arvensis Crataegus monogyna Dryas octopetala Filipendula ulmaria Filipendula vulgaris Fragaria vesca Geum rivale Geum urbanum Geum x intermedium Potentilla anserina Potentilla erecta Potentilla fruticosa Potentilla sterilis Poterium sanguisorba (S. minor) Prunus spinosa Rosa canina Rosa spinosissima Rubus fruticoscus agg Rubus idaeas Sorbus aria Sorbus aucuparia

Rubiaceae

Galium aparine Galium odoratum Galium palustre Galium saxatile Galium sterneri Galium verum Rubia peregrina Common name Buckthorn Family Alder Buckthorn Buckthorn

Rose Family

Fragrant Agrimony Smooth Lady's-mantle Hairy Lady's-mantle Intermediate Lady's-mantle Parsley-piert Hawthorn Mountain Avens Meadow Sweet Dropwort Wild Strawberry Water Avens Wood Avens Hybrid Avens Silverweed Tormentil Shrubby Cinquefoil Barren Strawberry Salad Burnet Blackthorn Dog Rose **Burnet Rose** Bramble Raspberry Whitebeam Rowan

Bedstraw Family

Cleavers Sweet Woodruff Marsh Bedstraw Heath Bedstraw Limestone Bedstraw Lady's Bedstraw Wild Madder Location

Mullach Mor Mullach Mor

Formoyle Cappanavalla Poulna brone Mullach Mor Rine Cappanavalla Poulna brone Cappanavalla Slieve Cappanavalla Slieve Slieve Slieve Cappanavalla Cappanavalla Mullach Mor **Cahermort Fort** Slieve Cappanavalla Cappanavalla Mullach Mor Cappanavalla Slieve Cappanavalla Cappanavalla

Cappanavalla Cappanavalla Mullach Mor Slieve Mullach Mor Poll Sallach Poll Sallach Scientific name Saliciaceae Populus tremula Salix caprea Salix cinerea Salix repens

Sapindaceae Aesculus hippocastanum Acer pseudoplatanus

Saxifragaceae Saxifraga hypnoides Saxifraga tridactylites

Scrophulariaceae Scrophularia auriculata

Solanaceae Solanum dulcamera

Urticaceae Parietaria judaica Urtica dioica

Valerianaceae Centranthus ruber Valeriana officinalis

Veronicaceae

Erinus alpinus Veronica arvensis Veronica beccabunga Veronica chamaedrys Veronica montana Veronica officinalis Veronica serpyllifolia

Violaceae Viola canina Viola persicifolia Common name Willow & Poplar Family Aspen Goat Willow Grey Willow Creeping Willow

Maple Family Horse-chestnut Sycamore

Saxifrage Family Mossy Saxifrage Rue-leaved Saxifrage

Figwort Family Water Figwort

Nightshade Family Woody Nightshade

Nettle Family Pellitory-of-the-wall Stinging Nettle

Valerian Family Red Valerian Common Valerian

Speedwell family Fairy Foxglove Wall Speedwell Brooklime Germander Speedwell Wood Speedwell Heath Speedwell Thyme-leaved Speedwell

Violet Family Heath Dog-violet Fen Violet Location

Formoyle Formoyle Cappanavalla Poll Sallach

Roadsides Cappanavalla

Cahermort Fort Cappanavalla

Cappanavalla

Lisdoonvarna

Newtown Castle Cappanavalla

Road sides Cappanavalla

Newtown Castle Cappanavalla Poulna brone Cappanavalla Slieve Mullach Mor Rine

Mullach Mor Mullach Mor

| Scientific name | Common name | Location |
|----------------------------|---------------------|--------------|
| Viola x ritschliana | Hybrid Violet | Mullach Mor |
| Viola riviniana | Common Dog-violet | Rine |
| | | |
| | | |
| Monocots | Monocotyledons | |
| | | |
| Amaryllidaceae | Daffodil Family | |
| Allium ursinum | Wild Garlic | Slieve |
| A | | |
| Araceae | Arum Family | |
| Arum maculatum | Lords and Ladies | Cappanavalla |
| Asparagaceae | Asparagus Family | |
| Hyachinthoides non-scripta | Bluebell | Cappanavalla |
| · | | |
| Cyperaceae | Sedge Family | |
| Eriophorum angustifolium | Common Cotton-grass | Slieve |
| Carex acutiformis | Lesser Pond Sedge | Caher Bridge |
| Carex arenaria | Sand Sedge | Fanore |
| Carex dimissa | Common Yellow Sedge | Poulna brone |
| Carex echinata | Star Sedge | |
| Carex flacca | Glaucous Sedge | Cappanavalla |
| Carex hostiana | Tawny Sedge | Mullach Mor |
| Carex nigra | Common Sedge | Poulna brone |
| Carex panicea | Carnation Sedge | Cappanavalla |
| Carex pendula | Pendulous Sedge | Cappanavalla |
| Carex pulicaris | Flea Sedge | Cappanavalla |
| Carex sylvatica | Wood Sedge | Slieve |
| Cladium mariscus | Great Fen Sedge | Mullach Mor |
| Schoenus nigricans | Black Bog-rush | Rine |
| | | |
| Iridaceae | Iris Family | |
| Crocosmia x crocosmiflora | Montbretia | Road sides |
| Iris pseudacorus | Yellow Iris | Cappanavalla |
| Juncaceae | Rush Family | |
| Juncus bufonis | Toad Rush | Cappanavalla |
| Juncus bulbosus | Bulbous Rush | Mullach Mor |
| Juncus effusus | Soft Rush | Rine |
| | | - |

Saltmarsh Rush

Juncus gerardii

Rine

Scientific name

Luzula campestris Luzula multiflora Luzula multiflora ssp, congresta Luzula sylvatica

Juncaginaceae

Triglochin palustris

Orchidaceae

Epipactis helleborine Dactylorhiza fuschii Dactylorhiza incarnata subsp.cruenta Dactylorhiza incarnata subsp.incarnata Dactylorhiza incarnata subsp.pulchella Dactylorhiza maculata subsp.ericetorum Dactylorhiza kerryensis var,occidentalis Neotinea maculata Neottia ovata Ophrys insecta Orchis mascula

Poaceae

Alopecurus geniculatus Ammophila arenaria Anthoxanthum odoratum Arrhenatherum elatius Avenula pubescens Brachypodium sylvaticum Briza media Bromopsis erecta Catapodium maritimum Cynosurus cristatus Dactylis glomerata Festuca rubra Holcus lanatus Lolium perenne Phalaria arundinacea Phragmites australis Poa annua

Common name Field Woodrush Heath Woodrush Heath Woodrush Great Wood-rush

Arrowgrass Family

Marsh Arrowgrass

Orchid Family

Broad-leaved Helleborine (leaves only) Common Spotted-orchid (leaves only) Early Marsh Orchid Early Marsh Orchid Early Marsh Orchid Heath Spotted-orchid Irish Marsh Orchid Dense-flowered Orchid Twayblade Fly Orchid Early Purple Orchid

Grass Family

Marsh Foxtail Marram Sweet Vernal-grass False Oat-grass **Downy Oat-grass** False Brome **Quaking Grass** Upright Brome Sea Fern-grass Crested Dog's-tail Cock's-foot **Red Fescue** Yorkshire Fog Perennial Rye-grass **Reed Canary-grass** Common Reed Annual Meadow-grass Blue Moor-grass

Location Cappanavalla Slieve Slieve Lisdoonvarna

Poulna brone

- Caher Bridge Caher Bridge Mullach Mor Cappanavalla Poulna brone Poulna brone Lisdoonvarna Formoyle Caher Bridge Slieve Cappanavalla
- Fanore Cappanavalla Cappanavalla Cappanavalla Cappanavalla Cappanavalla Cappanavalla Poll Sallach Formoyle Cappanavalla Cappanavalla Cappanavalla Lisdoonvarna Mullach Mor Mullach Mor Cappanavalla Cappanavalla

Sesleria caerulea

| Scientific name | Common name | Location |
|------------------|------------------|----------|
| Xanthorrhoeaceae | Asphodel Family | |
| Phormium tenax | New Zealand Flax | Hotel |

Birds (H = Heard only)

| | | | May 2022 | | | 22 | |
|----|--------------------------|----------------------------|---------------------------------------|--------|--------|-----------------------|-----------------------|
| | Common name | Scientific name | 23 | 24 | 25 | 26 | 27 |
| 1 | Mallard | Anas platyrhynchos | | ✓ | | | |
| 2 | Common Shelduck | Tadorna tadorna | | ✓ | | | |
| 3 | Common Pheasant | Phasianus colchicus | H | | ✓ | | |
| 4 | Great Northern Diver | Gavia immer | | ✓ | | | |
| 5 | Northern Fulmar | Fularus glacialis | | ✓ | | | ✓ |
| 6 | Manx Shearwater | Puffinus puffinus | | ✓ | | | |
| 7 | Grey Heron | Ardea cinerea | | ✓ | ✓ | | ✓ |
| 8 | Little Egret | Egretta garzetta | | ✓ | ✓ | | |
| 9 | Northern Gannet | Morus bassanus | | ✓ | | | |
| 10 | Eurasian Shag | Gulosus aristotelis | | ✓ | | | |
| 11 | Great Cormorant | Phalacrocorax carbo | | ✓ | | | |
| 12 | Common Buzzard | Buteo buteo | | | | ✓ | |
| 13 | Common Kestrel | Falco tinnunculus | | | | ✓ | |
| 14 | Peregrine Falcon | Falco peregrinus | | | | Н | |
| 15 | Common Moorhen | Gallinula chloropus | | | ✓ | | |
| 16 | Eurasian Oystercatcher | Haematopus ostralegus | | ✓ | | | |
| 17 | Eurasian Whimbrel | Numenius phaeopus | | ✓ | | | |
| 18 | Dipper | Cinclus cinclus | | | ✓ | | |
| 19 | Black-legged Kittiwake | Rissa tridactyla | | | | | ✓ |
| 20 | Black-headed Gull | Chroicocephalus ridibundus | | ✓ | | | |
| 21 | Great Black-backed Gull | Larus marinus | | ✓ | ✓ | | ✓ |
| 22 | European Herring Gull | Larus argentatus | | ✓ | ✓ | | ✓ |
| 23 | Lesser Black-backed Gull | Larus fuscus | | ✓ | | | ✓ |
| 24 | Sandwich Tern | Thalasseus sandvicensis | | ✓ | | | |
| 25 | Common Guiiemot | Uria aalge | | ✓ | | | ✓ |
| 26 | Razorbill | Alca torda | | ✓ | | | ✓ |
| 27 | Black Guillemot | Cepphus grylle | | ✓ | | | ✓ |
| 28 | Atlantic Puffin | Fratercula arctica | | | | | ✓ |
| 29 | Rock Dove/ Feral Pigeon | Columba livia | | | | | ✓ |
| 30 | Common Wood Pigeon | Columba palumbus | ✓ | ✓ | ✓ | ✓ | ✓ |
| 31 | Eurasian Collared Dove | Streptopelia decaocto | | ✓ | ✓ | ✓ | ✓ |
| 32 | Common Cuckoo | Cuculus canorus | | | ✓ | | |
| 33 | Common Swift | Apus apus | | | | ✓ | |
| 34 | Eurasian Magpie | Pica pica | ✓ | ✓ | ✓ | ✓ | ✓ |
| 35 | Western Jackdaw | Coloeus monedula | ✓ | ✓ | ✓ | ✓ | ✓ |
| 36 | Rook | Corvus frugilegus | ✓ | ✓ | ✓ | ✓ | ✓ |
| 37 | Carrion Crow | Corvus corone | | ✓ | ✓ | ✓ | ✓ |
| 38 | Northern Raven | Corvus corax | | | | | ✓ |
| 39 | Red-billed Cough | Pyrrhocorax pyrrhocorax | | | | | |
| 40 | Eurasian Blue Tit | Cyanistes caeruleus | | ✓ | ✓ | ✓ | |
| 40 | Great Tit | Parus major | ✓ | · • | · • | · ✓ | ✓ |
| 42 | Eurasian Skylark | Alauda arvensis | · · · · · · · · · · · · · · · · · · · | · • | · • | · ✓ | · ✓ |

| | | | | May 2022 | | | | | |
|------|---------------------------|----------------------------|----------|-----------------------|----------|-----------------------|-----------------------|--|--|
| | Common name | Scientific name | 23 | 24 | 25 | 26 | 27 | | |
| 43 | Barn Swallow | Hirundo rustica | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| 44 | Common House Martin | Delichon urbicum | ✓ | | ✓ | ✓ | ✓ | | |
| 45 | Willow Warbler | Phylloscopus trochilus | ✓ | ✓ | ✓ | | | | |
| 46 | Common Chiffchaff | Phylloscopus collybita | ✓ | ✓ | ✓ | ✓ | | | |
| 47 | Garden Warbler | Sylvia borin | | | | ✓ | | | |
| 48 | Common Whitethroat | Curruca communis | | | | ✓ | | | |
| 49 | Eurasian Blackcap | Sylvia atricapilla | ✓ | ✓ | ✓ | ✓ | | | |
| 50 | Eurasian Wren | Troglodytes troglodytes | | ✓ | ✓ | ✓ | | | |
| 51 | Common Starling | Sturnus vulgaris | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| 52 | Common Blackbird | Turdus merula | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| 53 | Song Thrush | Turdus philomelos | ✓ | | ✓ | ✓ | | | |
| 54 | Spotted Flycatcher | Muscicapa striata | | ✓ | | | | | |
| 55 | European Robin | Erithacus rubecula | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| 57 | European Stonechat | Saxicola rubicola | | | ✓ | ✓ | | | |
| 58 | Northern Wheatear | Oenanthe oenanthe | | ✓ | ✓ | ✓ | | | |
| 59 | House Sparrow | Passer domesticus | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| 60 | Dunnock | Prunella modularis | | Н | ✓ | ✓ | ✓ | | |
| 61 | Grey Wagtail | Motacilla cinerea | | | ✓ | ✓ | | | |
| 62 | Pied Wagtail | Motacilla alba yarrellii | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| 63 | Meadow Pipit | Anthus pratensis | | ✓ | ✓ | | | | |
| 64 | Rock Pipit | Anthus petrosus | | ✓ | ✓ | ✓ | ✓ | | |
| 65 | Common Chaffinch | Fringilla coelebs | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| 66 | Green Finch | Chloris chloris | | | | | | | |
| 67 | Common Linnet | Linaria cannabina | | | | ✓ | | | |
| 68 | European Goldfinch | Carduelis carduelis | | ✓ | ✓ | · ✓ | | | |
| 69 | Eurasian Bullfinch | Pyrrhula pyrrhula | | · ✓ | • | • | | | |
| 70 | Yellowhammer | Emberiza citrinella | | • | | ✓ | | | |
| 10 | renownammer | | | | | | | | |
| Man | nmals | | | | | | | | |
| 1 | Irish Hare | Lepus timidus hibernicus | | ✓ | | ✓ | | | |
| 2 | European Rabbit | Oryctolagus cuniculus | | ✓ | ✓ | | | | |
| Amp | phibians & Reptiles | | | | | | | | |
| 1 | Common Lizard | Zootoca vivipara | | ✓ | | | | | |
| 2 | Common Frog | Rana temporaria (tadpoles) | | | ✓ | | | | |
| Butt | erflies | | | | | | | | |
| 1 | Wood White | Leptidea sinapsis | ✓ | ✓ | ✓ | | | | |
| 2 | Orange Tip | Anthocharis cardamines | ▼ | • | ▼ ✓ | ✓ | | | |
| 2 | Brimstone | Gomepterys rhamni | • | | - | • | v v | | |
| | Small White | Pieris napi | | ✓ √ | ✓ | ✓ | | | |
| 4 | | - | Y | • | • | • | | | |
| 5 | Small Copper | Lycaena phlaeas | ✓ | | ✓ | ✓ | | | |
| 6 | Common Blue | Polyommatus icarus | v | | v | ✓ ✓ | | | |
| 7 | Small Tortoiseshell | Aglais urticae | ✓ | | | v | | | |
| 8 | Peacock | Inacjis io | | | | | | | |
| 9 | Pearl-bordered Fritillary | Boloria euphrosyne | ✓ | | | | | | |
| 10 | Small Heath | Coenonnympha pamphilus | | ✓ | | | | | |
| 11 | Speckled Wood | Pararge aegeria | ✓ | ✓ | ✓ | ✓ | | | |
| 12 | Wall Brown | Lasiommata megera | | | | | ✓ | | |
| 13 | Dingy Skipper | Erynnis tages | ✓ | ✓ | | ✓ | | | |

Other Invertebrates

Blue-tailed Damselfly, *Ischnura elegans* Honey Bee, *Apis mellifera* Carder Bee, *Bombus pascucrun* Speckled Yellow Moth, *Pseudopanthera macularia* Cinnabar Moth, *Tyria jacobaeae* Lacewing sp, *Chrysoperia sp* Large Red Damselfly, *Pyrrhsma nymphala* White-tailed Bumble Bee, *Bombus lucorum* Red-tailed Bumble Bee, *Bombus lapidorius* Six-spot Burnet, *Zygaena filipendulae* Drinker Moth, *Euthrix potatoria* Pond Skater, *Gerris lacustris*