

# The Burren

Naturetrek Tour Report

24 - 27 May 2016

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Hoary rock-rose (*Helianthemum canum*)



Field Mouse-ear (*Cerastium arvensis*)



Leopard Orchid (*Dactylorhiza incarnata* ssp. *cruenta*)



Irish Saxifrage (*Saxifraga rosacea*)

Report and images compiled by Dawn Nelson



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Tour participants: Dawn Nelson (leader) with five Naturetrek clients

## Summary

Good weather and an abundance of The Burren's special plants was the theme for this year's tour, enjoyed by five clients. Bloody Crane's-Bill (*Geranium sanguineum*), Spring Gentian (*Gentiana verna*) and plentiful mats of Mountain Avens (*Dryas octopetala*) were seen at every turn, as well as Mountain Everlasting (*Antennaria dioica*) and Burnet Rose (*Rosa pimpinellifolia*). Other rarer and interesting plants included several specimens of Irish Orchid (*Neotinea maculata*), Irish Marsh-orchid (*Dactylorhiza occidentalis*) and Fly Orchid (*Ophrys insectifera*) to name just a few. Irish Saxifrage (*Saxifraga rosaceae*) and Maidenhair Fern (*Adiantum capillus-veneris*) sheltering in a deep gryke, were both seen at Black Head. Mossy Saxifrage (*Saxifraga hypnoides*) was seen on two days in different locations. This small corner of Co. Clare contains about 48% of the native vascular plants of Britain and Ireland. Combine the amazing, rare and abundant showy flora with surreal karst landscape including ancient monuments and varying habitats, as well as good company and delicious food, and one has what can only be described as heaven on earth. Most of us hope to return again soon.

## Day 1

Tuesday 24th May

After the group had met up at Sheedys Hotel, we set off with Eli, our driver for the week, to have lunch at the bottom of Corkscrew Hill, where a Eurasian Blackcap was heard and Wild Garlic (*Allium ursinum*) was seen.

Then a short drive took us to Newtown Castle, a 16th century round-tower and adjacent arts centre where, in glorious sunshine, we followed the lane and then a path up onto Cappenawalla. Sweet Woodruff (*Galium odoratum*) and Soft Shield-Fern (*Polystichum setiferum*) were among the first plants found. As we climbed we came across some of the renowned Burren specialities such as Bloody Crane's-Bill (*Geranium sanguineum*) Burnet Rose (*Rosa pimpinellifolia*) and Mountain Everlasting (*Antennaria dioica*), and it wasn't long before we found an abundance of Spring Gentians (*Gentiana verna*) and plentiful mats of Mountain Avens (*Dryas octopetala*). As an aside, we joined in with an installation called 'Bells Across The Burren' which consisted of a variety of novel percussion instruments to play as we passed.

## Day 2

Wednesday 25th May

Three of the group accompanied Dawn on a pre-breakfast excursion to an orchid-rich meadow in Lisdoonvarna, previously discovered by Mervyn and Brenda who had arrived a few days before the rest of us. Here we found two subspecies of Early Marsh Orchid (*Dactylorhiza incarnata*) as well as Irish Marsh-orchid (*D. occidentalis*), and Heath Spotted-orchid (*D. maculata* ssp. *ericetorum*) in profusion. We suspected that many of the plants seen were part of a hybrid swarm.

Following a hearty breakfast the whole group set off for Poll Salach, where we found Golden Rod (*Solidago vigaurea*), Spring Sandwort (*Minuartia verna*) and Limestone Bedstraw (*Galium sternerii*). At our coffee break at Fanore we found a few more to add to our list including Lesser Swine-cress (*Lepidium didymium*) and Sea-Fern-grass (*Catapodium marinum*).

After a quick stop at Pinnacle Well to admire the Fairy Foxglove (*Erinus alpinus*), we moved on to The Rine for a completely different habitat and found completely different plants. Sea Sandwort (*Honkenya peploides*), Field Mouse-ear (*Cerastium arvensis*) and Sea Mouse-ear (*C. diffusum*) as well as Sea Radish (*Raphanus raphanistrum* subsp. *maritimus*) were all good representatives of the shingle and sand spit. Two Rock Pipits were spotted as well as some butterflies, Zig-zag Clover (*Trifolium medium*) and one plant of Yellow-wort (*Blackstonia perfoliata*) which was spotted by Mary.

We had a picnic lunch in Ballyvaughan where we saw a Hooded Crow as well as being entertained by some very cheeky Rooks and Western Jackdaws.

Heading back along the coast road, we stopped near Black Head to find the very rare and delicate Maidenhair Fern (*Adiantum capillus-veneris*) sheltering in a deep gryke, as well as an abundance of Irish Saxifrage (*Saxifraga rosaceae*). In the Caher Valley, we explored along the riverside and peered over a bridge into a wonderfully ecologically designed garden, which combines a mix of native and introduced plants. Due to their natural affinity with seasonal flooding and mild moist conditions, they were thriving cheek by jowl.

Continuing along the road, we stopped to explore a green lane and found Aspen (*Populus tremula*). A little further on Brenda drew our attention to a Common Cuckoo, and we saw the locally common, native hybrid between Primrose and Cowslip (*Primula x polyantha*) with both its parents. Also three specimens of Dense-flowered Orchid (*Neotinea maculata*) were seen. Happy with our finds for the day, we continued along the lane toward Lisdoonvarna with one more stop where we spotted Mossy Saxifrage (*Saxifraga hypnoides*) on outcrops of stone in a field.

## Day 3

## Thursday 26th May

After another hearty breakfast, Eli drove us to Kilfenora for our first stop to see the high crosses and The Burren Centre, where we also noted Navelwort (*Umbilicus rupestris*) and Ivy-leaved Toadflax (*Cymbalaria muralis*) in the walls.

Later at Mullaghmore, the first special plant found was a huge abundance of Shrubby Cinquefoil (*Potentilla fruticosa*) at every turn. We explored the areas around the edges of the Lough Gealain turlough. Turloughs are common on The Burren. They are seasonal lakes which dry out in the summer as the water percolates down through the limestone. Below the winter waterline we found Turlough Violet (*Viola persicifolia*), a very rare Turlough Dandelion (*Taraxacum webbiai*) and several Leopard Orchids (*Dactylorhiza incarnata* subsp. *cruenta*) showing spots on both sides of the leaves (some of which were ring shaped), spotted purple flushed bracts and the characteristic narrow-faced Early Marsh-orchid-shaped flowers.

We drove on to Cassidy's Pub at Carron where we had a delicious lunch, followed closely by an even more stunningly scenic drive to Slieve Carron Nature Reserve. Here we followed the well-worn path across the pavements to St. Colman's cave and hermitage. Trees here are grazed and wind pruned into natural bonsais. Closer to the hillside we passed through Hazel and Hawthorn scrub which is climax vegetation for The Burren. Beneath the trees were swathes of ancient woodland indicator plants including Wild Garlic (*Allium ursinum*) and Wood Sorrel (*Oxalis aculeata*). Hairy Rock-cress (*Arabis hirsuta*) and more Mossy Saxifrage (*Saxifraga hypnoides*) were also seen along the way. John found the first of several Broad-leaved Helleborines (*Epipactis helleborine*), and

we saw yet more Dense-flowered Orchid (*Neotinea maculata*), some Fly Orchids (*Orchis insectifera*), and a Goldcrest was heard.

Happy with our day, we returned to Sheedy's to freshen up for our last meal together, all of us feeling we would be happy to spend more time in this rare and special place: Mervyn and Brenda were lucky enough to be doing so.

## Day 4

Friday 27th May

After bidding farewell to Martina we set off in the minibus to Poul nabourne Dolman which still inspires reverence after, or probably because of, surviving for 5,200-5,800 years since its construction. The usual suite of Burren flowers were seen there too.

Our next stop was to explore the Dunes at Fanore. Here we saw Irish Eyebright (*Euphrasia salisburgensis* var. *hibernica*) showing its delicate flowers and hairless leaves in the short turf. Characteristic pioneer species including Sand Sedge (*Carex arenaria*) and Marram (*Ammophila arenaria*) were seen as well as plentiful quantities of Sea Spurge (*Euphorbia paralias*) in flower.

The stunning natural formation at Cliffs of Moher was our final destination of the tour, but we stopped by the hotel so Mervyn and Brenda could follow us in their car as they were staying an extra day: the rest of us were heading back to Shannon airport and our flight home. The cliffs never fail to inspire awe and we also added considerably to the bird list spotting Atlantic Puffins, Razorbills, Black-legged Kittiwakes and Red-billed Choughs. On our last drive to Shannon airport we were still spotting plants and Anne alerted us to lots of Yellow Flag Irises (*Iris pseudacorus*) in the boggy fields on both sides of the road.

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## Species Lists

### Plants

Scientific Name	Common Name	Location
<b>PTERIDOPSIDA</b>		
<b>FERNS &amp; ALLIES</b>		
<b>Equisetaceae</b>		
<b>Horsetail Family</b>		
<i>Equisetum arvense</i>	Field Horsetail	Lisdoonvarna
<i>Equisetum telmateia</i>	Greater Horsetail	Lisdoonvarna
<i>Equisetum fluviale</i>	Water Horsetail	Carher Valley, Carl Wright's Garden
<b>Aspleniaceae</b>		
<b>Spleenwort Family</b>		
<i>Asplenium ceterach</i>	Rusty-back Fern	Common
<i>Asplenium marinum</i>	Sea Spleenwort	Poll Salach & Black Head
<i>Asplenium ruta-muraria</i>	Wall-rue	Common
<i>Asplenium scolopendrium</i>	Hart's-tongue Fern	Common
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	Common
<b>Dennstaedtiaceae</b>		
<b>Bracken Family</b>		
<i>Pteridium aquilinum</i>	Bracken	Common
<b>Dryopteridaceae</b>		
<b>Buckler-fern Family</b>		
<i>Dryopteris filix-mas</i>	Male-fern	Green Lane at Formoyle
<i>Dryopteris dilatata</i>	Broad Buckler Fern	Lisdoonvarna
<i>Polystichum aculeatum</i>	Hard Shield Fern	
<i>Polystichum setiferum</i>	Soft Shield Fern	Lisdoonvarna & Slieve Carran
<b>Polypodiaceae</b>		
<b>Polypody Family</b>		
<i>Polypodium vulgare</i>	Common Polypody	Kilfenora
<b>Pteridaceae</b>		
<b>Ribbon Fern Family</b>		
<i>Adiantum capillus-veneris</i>	Maidenhair Fern	Black Head
<b>Woodsiaceae</b>		
<b>Lady-fern Family</b>		
<i>Cystopteris fragilis</i>	Brittle Bladder-fern	Spring at Slieve Carran
<b>PINOPSIDA</b>		
<b>CONIFERS</b>		
<b>Cupressaceae</b>		
<b>Juniper Family</b>		
<i>Juniperus communis</i>	Common Juniper	Green Lane at Formoyle
<b>Pinaceae</b>		
<b>Pine Family</b>		
<i>Picea sitchensis</i>	Sitka Spruce	Occasional
<b>Taxaceae</b>		
<b>Yew Family</b>		
<i>Taxus baccata</i>	Yew	Slieve Carran
<b>MAGNOLIOPSIDA</b>		
<b>DICOTYLEDONS</b>		
<b>Aceraceae</b>		
<b>Maple Family</b>		
<i>Aesculus hippocastanum</i>	Horse-Chestnut	Lisdoonvarna
<i>Acer pseudoplatanus</i>	Sycamore	Common

Scientific Name	Common Name	Location
<b>Apiaceae</b>	<b>Carrot Family</b>	
<i>Anthriscus sylvestris</i>	Cow Parsley	Occasional
<i>Conopodium majus</i>	Pignut	Lisddonvarna & Slieve Carran
<i>Crithmum maritimum</i>	Samphire	Poll Salach
<i>Daucus carota</i> subsp. <i>carota</i>	Wild Carrot	Slieve Carran
<i>Daucus carota</i> subsp. <i>gummifer</i>	Sea Carrot	Fanaore Dunes
<i>Heracleum sphondylium</i>	Hogweed	Cappanawalla
<i>Sanicula europaea</i>	Sanicle	Lisdoonvarna & Slieve Carran
<i>Smyrniium olusatrum</i>	Alexanders	Driving on Friday
<b>Aquifoliaceae</b>	<b>Holly Family</b>	
<i>Ilex aquifolia</i>	Holly	Occasional
<b>Araliaceae</b>	<b>Ivy Family</b>	
<i>Hedera hibernica</i>	Atlantic Ivy	Common
<b>Asteraceae</b>	<b>Daisy Family</b>	
<i>Achillea millefolium</i>	Yarrow	The Rine
<i>Antennaria dioica</i>	Mountain Everlasting or Cat's-foot	Frequent
<i>Aster tripolium</i>	Sea Aster	Black Head
<i>Bellis perennis</i>	Daisy	Common
<i>Carlina vulgaris</i>	Carlina Thistle	Occasional
<i>Centaurea nigra</i>	Common Knapweed	Occasional
<i>Cirsium arvense</i>	Creeping Thistle	The Rine
<i>Cirsium dissectum</i>	Meadow Thistle	Lisdoonvarna & Mullagh More
<i>Cirsium vulgare</i>	Spear Thistle	The Rine/Fanore
<i>Crepis vesicaria</i>	Beaked Hawk's-beard	Common
<i>Eupatorium cannabinum</i>	Hemp Agrimony	Green Lane at Formoyle
<i>Hieracium agg</i>	Hawkweed group	Poll Salach & Mullagh More
<i>Hieracium scotosticum</i>	Dappled Hawkweed	Mullagh More
<i>Hypochoeris radicata</i>	Common Cat's-ear	Occasional
<i>Lapsana communis</i>	Nipplewort	Slieve Carran
<i>Leucanthemum vulgare</i>	Ox-eye Daisy	Occasional
<i>Mycelis muralis</i>	Wall Lettuce	Occasional
<i>Pilosella officinarum</i>	Mouse-ear Hawkweed	Poll Salach & Mullagh More
<i>Senecio vulgaris</i>	Groundsel	Fanore
<i>Solidago virgaurea</i>	Goldenrod	Poll Salach
<i>Sonchus asper</i>	Prickly Sow-thistle	Slieve Carran
<i>Sonchus oleraceus</i>	Smooth Sow-thistle	Kilfenora & Fanore Dunes
<i>Taraxacum agg</i>	Dandelion group	Common
<i>Taraxacum amarellum</i>	Turlough Dandelion	Mullagh More
<i>Tripleurospermum maritimum</i>	Sea Mayweed	Fanore Dunes
<b>Betulaceae</b>	<b>Birch Family</b>	
<i>Alnus glutinosa</i>	Alder	Occasional
<i>Betula pubescens</i>	Downy Birch	Lisdoonvarna
<b>Boraginaceae</b>	<b>Borage Family</b>	
<i>Symphytum x uplandicum</i>	Comfrey	Caher Valley, Carl Wright's Garden
<b>Brassicaceae</b>	<b>Cabbage Family</b>	

Scientific Name	Common Name	Location
<i>Arabis hirsuta</i>	Hairy Rock-cress	Slieve Carran
<i>Cakile maritima</i>	Sea Rocket	Fanore Dunes
<i>Cardamine flexuosa</i>	Wavy Bitter-cress	Lisdoonvarna
<i>Cardamine hirsuta</i>	Hairy Bitter-cress	Fanore
<i>Cardamine pratensis</i>	Cuckooflower	Occasional
<i>Cochlearia officinalis</i>	Common Scurvygrass	Occasional
<i>Coronopus didymus</i>	Lesser Swine-cress	Fanore
<i>Hesperis matronalis</i>	Dame's-violet	Driving & Cassidy's Pub, Carron
<i>Raphanus raphanistrum subsp maritimus</i>	Sea Radish	The Rine
<i>Rorippa nasturtium-aquaticum</i>	Watercress	Slieve Carran
<b>Caprifoliaceae</b>	<b>Honeysuckle Family</b>	
<i>Lonicera periclymenum</i>	Honeysuckle	The Rine
<i>Sambucus nigra</i>	Elderberry	The Rine
<i>Viburnum opulus</i>	Gelder Rose	Occasional
<b>Caryophyllaceae</b>	<b>Pink Family</b>	
<i>Arenaria serpyllifolia</i>	Thyme-leaved Sandwort	The Rine
<i>Cerastium arvense</i>	Field Mouse-ear	The Rine
<i>Cerastium diffusum</i>	Sea Mouse-ear	The Rine
<i>Cerastium fontanum</i>	Common Mouse-ear	Frequent
<i>Honkenia peploides</i>	Sea Sandwort	The Rine
<i>Lychnis flos-cuculi</i>	Ragged Robin	Frequent
<i>Minuartia verna</i>	Spring Sandwort	Poll Salach
<i>Sagina procumbens</i>	Procumbent Pearlwort	Fanore
<i>Silene vulgaris subsp maritima</i>	Sea Campion	Frequent near the coast
<b>Chenopodiaceae</b>	<b>Fat Hen Family</b>	
<i>Atriplex prostrata</i>	Spear-leaved Orache	The Rine
<i>Beta vulgaris subsp. maritima</i>	Sea Beet	Black Head
<b>Cistaceae</b>	<b>Rockrose Family</b>	
<i>Helianthemum canum</i>	Hoary Rock-rose	Poll Salach
<b>Convolvulaceae</b>	<b>Bindweed Family</b>	
<i>Calystegia soldanella</i>	Sea Bindweed	Fanore Dunes
<i>Calystegia sylvatica</i>	Large Bindweed	Green Lane at Formoyle
<b>Coryllaceae</b>	<b>Hazel family</b>	
<i>Corylus avellana</i>	Hazel	Common
<b>Crassulaceae</b>	<b>Stonecrop Family</b>	
<i>Sedum acre</i>	Biting Stonecrop	Poll Salach & The Rine
<i>Sedum album</i>	White Stonecrop	
<i>Sedum anglicum</i>	English Stonecrop	
<i>Umbilicus rupestris</i>	Navelwort	Kilfenora
<b>Ericaceae</b>	<b>Heather Family</b>	
<i>Calluna vulgaris</i>	Heather	Occasional
<i>Rhododendron ponticum</i>	Rhododendron	Lisdoonvarna-driving
<b>Euphorbiaceae</b>	<b>Spurge Family</b>	

Scientific Name	Common Name	Location
<i>Euphorbia paralias</i>	Sea Spurge	Fanore Dunes
<b>Fabaceae</b>	<b>Pea Family</b>	
<i>Anthyllis vulneraria</i>	Kidney Vetch	Poll Salach & Fanore
<i>Lathyrus linifolius</i>	Bitter Vetch	Poll Salach & Slieve Carran
<i>Lathyrus pratensis</i>	Meadow Vetchling	Occasional
<i>Lotus corniculatus</i>	Bird's-foot Trefoil	Common
<i>Trifolium dubium</i>	Lesser Trefoil	Common
<i>Trifolium medium</i>	Zig-zag Clover	The Rine
<i>Trifolium pratense</i>	Red Clover	Common
<i>Trifolium repens</i>	White Clover	Occasional
<i>Ulex europaeus</i>	Gorse	Common
<i>Vicia sepium</i>	Bush Vetch	Common
<b>Gentianaceae</b>	<b>Gentian Family</b>	
<i>Blackstonia perfoliata</i>	Yellow-wort	The Rine & Fanore Dunes
<i>Gentiana verna</i>	Spring Gentian	
<b>Geraniaceae</b>	<b>Geranium Family</b>	
<i>Geranium molle</i>	Dove's-foot Crane's-bill	The Rine
<i>Geranium lucidum</i>	Shining Crane's-bill	Common
<i>Geranium robertianum</i>	Herb Robert	Common
<i>Geranium sanguineum</i>	Bloody Crane's-bill	Common
<b>Hippuridaceae</b>	<b>Mare's-tail Family</b>	
<i>Hippuris vulgaris</i>	Mare's-tail	Caher Valley, Carl Wright's Garden
<b>Hypericaceae</b>	<b>St John's-wort Family</b>	
<i>Hypericum androsaemum</i>	Tutsan	Slieve Carran
<i>Hypericum perforatum</i>	Perforate St John's-wort	Slieve Carran
<i>Hypericum pulchrum</i>	Slender St John's-wort	Green Lane at Formoyle
<i>Hypericum tetrapterum</i>	Square-stalked St John's-wort	Cappanawalla
<b>Lamiaceae</b>	<b>Dead-nettle Family</b>	
<i>Ajuga reptans</i>	Common Bugle	Lisdoonvarna, Poll Sallach & Mullagh More
<i>Mentha aquatica</i>	Water Mint	Cappanawalla & Caher Valley
<i>Teucrium scorodonia</i>	Wood Sage	Frequent
<i>Thymus polytrichus</i>	Wild Thyme	Occasional
<b>Lentibulariaceae</b>	<b>Butterwort Family</b>	
<i>Pinguicula vulgaris</i>	Common Butterwort	Cappanawalla, Caher Valley & Slieve Carran
<b>Menyanthaceae</b>	<b>Bog-bean Family</b>	
<i>Menyanthes trifoliata</i>	Bog-bean	Caher Valley, Carl Wright's Garden
<b>Oleaceae</b>	<b>Olive Family</b>	
<i>Fraxinus excelsior</i>	Ash	Common
<b>Onagraceae</b>	<b>Willowherb Family</b>	
<i>Circaea lutetiana</i>	Enchanter's-nightshade	Slieve Carran
<i>Epilobium hirsutum</i>	Great Willowherb	Green Lane at Formoyle
<i>Fuchsia magellanica</i>	Fuchsia	Frequent-driving



Scientific Name	Common Name	Location
<b>Oxalidaceae</b>	<b>Wood Sorrel Family</b>	
<i>Oxalis acetosella</i>	Wood Sorrel	Slieve Carran
<b>Plantaginaceae</b>	<b>Plantain Family</b>	
<i>Plantago coronopus</i>	Buck's-horn Plantain	Poll Salach
<i>Plantago lanecolata</i>	Ribwort Plantain	Common
<i>Plantago major</i>	Greater Plantain	Green Lane at Formoyle
<i>Plantago maritima</i>	Sea Plantain	Occasional
<b>Plumbaginaceae</b>	<b>Sea Lavender Family</b>	
<i>Armeria maritima</i>	Thrift	Frequent
<b>Polygalaceae</b>	<b>Milkwort Family</b>	
<i>Polygala vulgaris</i>	Common Milkwort	Common
<b>Polygonaceae</b>	<b>Knotweed Family</b>	
<i>Falopia japonica</i>	Japanese Knotweed	Occasional-driving
<i>Rumex acetosa</i>	Common Sorrel	Occasional
<i>Rumex crispus ssp. littoreus</i>	Curled Dock (coastal subspecies)	The Rine & Fanore Dunes
<i>Rumex obtusifolius</i>	Broad-leaved Dock	Occasional
<i>Rumex sanguineus</i>	Wood Dock	Green Lane at Formoyle
<b>Primulaceae</b>	<b>Primrose Family</b>	
<i>Anagalis arvensis</i>	Scarlet Pimpernel	Ballyvaughan & Fanore Dunes
<i>Glaux maritima</i>	Sea Milkwort	The Rine
<i>Lysimachia nemorum</i>	Yellow Pimpernel	Slieve Carran
<i>Primula veris</i>	Cowslip	Frequent
<i>Primula vulgaris</i>	Primrose	Frequent
<i>Primula polyantha (P. vulgaris x veris)</i>	False Oxlip (Cowslip x Primrose)	Occasional
<b>Ranunculaceae</b>	<b>Buttercup Family</b>	
<i>Caltha palustris</i>	Marsh Marigold	Occasional
<i>Ranunculus acris</i>	Meadow Buttercup	Common
<i>Ranunculus bulbosa</i>	Bulbous Buttercup	Common
<i>Ranunculus ficaria</i>	Lesser Celandine	Occasional
<i>Ranunculus flammula</i>	Lesser Spearwort	Slieve Carran
<i>Ranunculus repens</i>	Creeping Buttercup	Frequent
<i>Thalictrum minus</i>	Lesser Meadow-rue	Mullagh More
<b>Rhamnaceae</b>	<b>Buckthorn Family</b>	
<i>Frangula alnus</i>	Alder Buckthorn	Mullagh More
<b>Rosaceae</b>	<b>Rose Family</b>	
<i>Alchemilla glabra</i>	Smooth Lady's-mantle	Occasional
<i>Alchemilla filicaulis ssp. vestita</i>	Hairy Lady's-mantle	Slieve Carran
<i>Aphanes arvensis</i>	Parsley-piert	Fanore
<i>Crataegus monogyna</i>	Hawthorn	Common
<i>Dryas octopetala</i>	Mountain Avens	Common
<i>Filipendula ulmaria</i>	Meadow Sweet	Occasional
<i>Fragaria vesca</i>	Wild Strawberry	Cappanawalla & Slieve Carran
<i>Geum rivale</i>	Water Avens	Occasional

<b>Scientific Name</b>	<b>Common Name</b>	<b>Location</b>
<i>Potentilla anserina</i>	Silverweed	Occasional
<i>Potentilla erecta</i>	Tormentil	Occasional
<i>Potentilla fruticosa</i>	Shrubby Cinquefoil	Mullagh More
<i>Potentilla sterilis</i>	Barren Strawberry	The Rine & Slieve Carran
<i>Prunus spinosa</i>	Blackthorn	Common
<i>Rosa pimpinellifolia</i>	Burnet Rose	Common
<i>Rubus caesius</i>	Dewberry	The Rine
<i>Rubus saxatilis</i>	Stone Bramble	Mullagh More
<i>Sanguisorba minor</i>	Salad Burnet	Cappanawalla
<i>Sorbus aria</i>	Whitebeam	Cappanawalla
<i>Sorbus aucuparia</i>	Rowan	
<b>Rubiaceae</b>	<b>Bedstraw Family</b>	
<i>Galium aparine</i>	Cleavers	Occasional
<i>Galium boreale</i>	Northern Bedstraw	Mullagh More
<i>Galium odoratum</i>	Sweet Woodruff	Cappanawalla
<i>Galium saxatile</i>	Heath Bedstraw	Slieve Carran
<i>Galium sternerii</i>	Limestone Bedstraw	Poll Salach
<i>Galium verum</i>	Lady's Bedstraw	Occasional
<i>Rubia peregrina</i>	Wild Madder	Occasional
<i>Sherardia arvensis</i>	Field Madder	
<b>Saliciaceae</b>	<b>Willow Family</b>	
<i>Populus tremula</i>	Aspen	Green Lane at Formoyle
<i>Salix cinerea</i>	Grey Willow	Caher Valley
<i>Salix pentandra</i>	Bay Willow	Caher Valley, Carl Wright's Garden
<i>Salix repens</i>	Creeping Willow	Poll Salach
<i>Salix viminalis</i>	Osier	Caher Valley, Carl Wright's Garden
<b>Saxifragaceae</b>	<b>Saxifrage Family</b>	
<i>Chrysosplenium oppositifolium</i>	Opposite-leaved Golden-saxifrage	Lisdoonvarna & Slieve Carran
<i>Saxifraga hypnoides</i>	Mossy Saxifrage	nr Formoyle & Slieve Carran
<i>Saxifraga rosaceae</i>	Irish Saxifrage	Black Head
<i>Saxifraga tridactylites</i>	Rue-leaved Saxifrage	Cappanawalla, black head
<b>Scrophulariaceae</b>	<b>Figwort Family</b>	
<i>Cymbalaria muralis</i>	Ivy-leaved Toadflax	Kilfenora & Ennistimon-driving
<i>Erinus alpinus</i>	Fairy Foxglove	Pinnacle Well & Caher Valley, Carl Wright's Garden
<i>Euphrasia salisburgensis</i> var. <i>hibernica</i>	Irish Narrow-leaved Eyebright	Fanore Dunes
<i>Pedicularis sylvatica</i>	Lousewort	Frequent
<i>Rhinanthus minor</i>	Yellow-rattle	Fanore Dunes
<i>Scrophularia nodosa</i>	Common Figwort	Cappanawalla
<i>Veronica arvensis</i>	Wall Speedwell	The Rine & Fanore
<i>Veronica beccabunga</i>	Brooklime	Cappanawalla & Mullagh More
<i>Veronica chamaedrys</i>	Germander Speedwell	Common
<i>Veronica montana</i>	Wood Speedwell	Slieve Carran
<i>Veronica persicifolia</i>	Field Speedwell	The Rine
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	Slieve Carran
<b>Urticaceae</b>	<b>Nettle Family</b>	
<i>Parietaria judaica</i>	Pellitory-of-the-wall	Ennistimon-driving
<i>Urtica dioica</i>	Stinging Nettle	Frequent

Scientific Name	Common Name	Location
<b>Valerianaceae</b> <i>Valeriana officinalis</i>	<b>Valerian Family</b> Common Valerian	Lisdoonvarna, Formoyle & Fanore Dunes
<b>Violaceae</b> <i>Viola canina</i> <i>Viola persicifolia</i> <i>Viola ritschliana</i> ( <i>V.canina</i> x <i>persicifolia</i> ) <i>Viola riviniana</i>	<b>Violet Family</b> Heath Dog-violet Fen or Turlough Violet Heath Dog/Fen Violet hybrid Common Dog-violet	Mullagh More Mullagh More Mullagh More Common
<b>LILIIDAE</b>	<b>MONOCOTYLEDONS</b>	
<b>Amaryllidaceae</b> <i>Allium triquetrum</i> <i>Allium ursinum</i>	<b>Daffodil Family</b> Three-cornered Leek Wild Garlic	Lisdoonvarna Lisdoonvarna & Slieve Carran
<b>Araceae</b> <i>Arum maculatum</i>	<b>Arum Family</b> Lord's and Ladies	Occasional
<b>Asparagaceae</b> <i>Hyacinthoides non-scripta</i>	<b>Asparagus Family</b> Bluebell	Poll Salach, Mullagh More & Slieve Carran
<b>Cyperaceae</b> <i>Eriophorum angustifolium</i> <i>Carex arenaria</i> <i>Carex demissa</i> <i>Carex flacca</i> <i>Carex panicea</i> <i>Carex pendula</i> <i>Carex sylvatica</i> <i>Schoenus nigricans</i>	<b>Sedge Family</b> Common Cottongrass Sand Sege Common Yellow Sedge Glaucous Sedge Carnation Sedge Pendulous Sedge Wood Sedge Black Bog Rush	Occasional Fanore Dunes Occasional Common Frequent Lisdoonvarna Slieve Carran Occasional
<b>Iridaceae</b> <i>Crocoshmia</i> x <i>crocoshmiiflora</i> <i>Iris pseudacorus</i>	<b>Iris Family</b> Monbretia Yellow Iris	Frequent-driving Occasional-driving
<b>Juncaceae</b> <i>Juncus conglomeratus</i> <i>Luzula campestris</i>	<b>Rush Family</b> Compact Rush Field Wood-rush	Lisdoonvarna Fanore Dunes
<b>Orchidaceae</b> <i>Epipactis helleborine</i> <i>Dactylorhiza incarnata</i> ssp <i>cruenta</i> <i>Dactylorhiza fuschii</i> <i>Dactylorhiza incarnata</i> ssp <i>incarnata</i> <i>Dactylorhiza incarnata</i> ssp <i>pulchella</i> <i>Dactylorhiza maculata</i> ssp <i>ericetorum</i> <i>Dactylorhiza occidentalis</i> <i>Listera ovata</i> <i>Neotinea maculata</i> ( <i>Orchis intacta</i> ) <i>Ophrys insectifera</i> <i>Orchis mascula</i>	<b>Orchid Family</b> Broad-leaved Helleborine Leopard Marsh Orchid Common Spotted-orchid Early Marsh-orchid Early Marsh-orchid Heath Spotted-orchid Irish Marsh-orchid Common Twayblade Dense-flowered Orchid Fly Orchid Early Purple Orchid	Slieve Carran Mullagh More Lisdoonvarna Lisdoonvarna Lisdoonvarna Lisdoonvarna Lisdoonvarna Lisdoonvarna Cappanawalla & Mullagh More Poll Salach, Formoyle, Mullagh More & Slieve Carran Slieve Carran Common

Scientific Name	Common Name	Location
<b>Poaceae</b>	<b>Grass Family</b>	
<i>Alepecurus pratensis</i>	Meadow Foxtail	Lisdoonvarna
<i>Ammophila arenaria</i>	Marram Grass	Fanore Dunes
<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass	Common
<i>Briza media</i>	Quaking Grass	Occasional
<i>Catapodium maritimum</i>	Sea Fern-grass	Fanore
<i>Dactylis glomerata</i>	Cock's-foot	Occasional
<i>Poa annua</i>	Annual Meadow-grass	Kilfenora
<i>Sesleria caerulea</i>	Blue Moor-grass	Frequent

Birds (✓=recorded but not counted; H = heard only)

	Common name	Scientific name	May			
			24	25	26	27
1	Mute Swan	<i>Cygnus olor</i>			✓	
2	Common Shelduck	<i>Tadorna tadorna</i>		✓		
3	Northern Fulmar	<i>Fulmarus glacialis</i>				✓
4	European Shag	<i>Phalacrocorax aristotelis</i>				✓
5	Little Egret	<i>Egretta garzetta</i>			✓	
6	Grey Heron	<i>Ardea cinerea</i>		✓	✓	
7	European Herring Gull	<i>Larus argentatus</i>		✓		✓
8	Common Gull	<i>Larus canus</i>		✓	✓	
9	Black-legged Kittiwake	<i>Rissa tridactyla</i>				✓
10	Atlantic Puffin	<i>Fratercula arctica</i>				✓
11	Common Guillemot	<i>Uria aalge</i>				✓
12	Razorbill	<i>Alca torda</i>				✓
13	Common Wood Pigeon	<i>Columba palumbus</i>		✓		
14	Common Cuckoo	<i>Cuculus canorus</i>	H	✓	H	
15	Eurasian Magpie	<i>Pica pica</i>		✓	✓	✓
16	Western Jackdaw	<i>Coloeus monedula</i>	✓	✓	✓	
17	Red-billed Chough	<i>Pyrrhocorax pyrrhocorax</i>				✓
18	Rook	<i>Corvus frugilegus</i>		✓	✓	✓
19	Hooded Crow	<i>Corvus cornix</i>	✓	✓	✓	✓
20	Great Tit	<i>Parus major</i>			✓	
21	Eurasian Blue Tit	<i>Cyanistes caeruleus</i>		✓	✓	
22	Barn Swallow	<i>Hirundo rustica</i>		✓	✓	✓
23	Common House Martin	<i>Delichon urbicum</i>		✓	✓	
24	Common Chiffchaff	<i>Phylloscopus collybita</i>			H	
25	Eurasian Blackcap	<i>Sylvia atricapilla</i>	H			
26	Goldcrest	<i>Regulus regulus</i>			✓	
27	Spotted flycatcher	<i>Muscicapa stiata</i>		✓		
28	Common Starling	<i>Sturnus vulgaris</i>		✓	✓	✓
29	Common Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓
30	Song Thrush	<i>Turdus philomelos</i>			✓	
31	European Robin	<i>Erithacus rubecula</i>		✓	✓	
32	European Stonechat	<i>Saxicola rubicola</i>		✓	✓	
33	Northern Wheatear	<i>Oenanthe oenanthe</i>		✓	✓	
34	House Sparrow	<i>Passer domesticus</i>		✓	✓	
35	Grey Wagtail	<i>Motacilla cinerea</i>		✓		
36	Pied Wagtail	<i>Motacilla alba yarrellii</i>	✓	✓	✓	✓
37	Meadow Pipit	<i>Anthus pratensis</i>		✓	✓	
38	Rock Pipit	<i>Anthus petrosus</i>		✓		

	Common name	Scientific name	May			
			24	25	26	27
39	Common Chaffinch	<i>Fringilla coelebs</i>		✓	✓	
40	European Greenfinch	<i>Chloris chloris</i>		✓		
41	Common Reed Bunting	<i>Emberiza schoeniclus</i>			✓	

## Reptiles &amp; Amphibians:

1	Common Frog	<i>Rana temporaria</i>			✓	
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## Mammals:

1	Red Fox	<i>Vulpes vulpes</i>			✓	
2	Rabbit	<i>Lepus curpaeums</i>				✓
3	Ferral Goat	<i>Capra aegagrus</i>		✓	✓	

## Butterflies:

1	Dingy Skipper	<i>Erynnis tages</i>	✓	✓		
2	Wood White	<i>Leptidea sinapsis</i>	✓	✓		
3	Small White	<i>Pieris rapae</i>		✓		
4	Speckled Wood	<i>Pararge aegeria</i>	✓			
5	Wall Brown	<i>Lasiommata megera</i>		✓		
6	Small Heath	<i>Coenonympha pamphilus</i>		✓		

## Other Invertebrates:

1	a Bumblebee		✓			
2	a Ladybird	<i>Coccinella sp.</i>		✓		
3	Green Chaffer Bug	<i>Cetonia aurata</i>		✓		

Mountain everlasting (*Antennaria dioica*)

Western Jackdaw at Ballyvaughan