The Burren

Naturetrek Tour Report

3 - 6 June 2009









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Tour Report The Burren

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Day 1

Wednesday 3rd June

As two of the tour group had arrived the previous day directly to our hotel Sheedy's Country House Hotel at Lisdoonvarna, the three of us greeted the remainder of the group at Shannon Airport just after 10 am.

After collecting our minibus we made our way in very hot and unseasonal weather to Bunny Lough where we had our first experience of Lough and Limestone pavement on either side of the road. We found examples of *Dactylorhiza incarnata* (Early Marsh Orchid) on the Lough side of the road - some very close to the water's edge. A longer than anticipated drive to the nearest pub at Ballyvaughan gave us an opportunity to sample the delights of Irish hospitality, food and drink.

A short walk in the afternoon up Cappanawalla, brought us the floral highlights of a few remaining *Gentiana verna* (Spring Gentian); *Polygala vulgaris* (Milkwort), *Fragaria vesca* (Wild Strawberry), the ubiquitous *Geranium sanguineum* (Bloody Crane's-Bill), *Pinguicula grandiflora* (Large-flowered Butterwort), and several Orchid species including *Dactylorbiza maculata* (Heath spotted-orchid); *Listera ovata* (Twayblade); *Epipactis atrorubens* (Dark-red Helleborine) the last of which was identified by its habit as it was perhaps just a week to ten days away from flowering. We then drove the short journey to Lisdoonvarna and our hotel.

Day 2

Thursday 4th June

A pre-breakfast walk to the junction of the N67, R 476 & R478 brought many floral delights. In a meadow bordering our hotel we were able to find *Dactylorhiza traunsteineri* (Narrow-leaved Marsh Orchid); *Dactylorhiza maculata* (Heath Spotted Orchid) in a variety of colour forms including white, various hybrid forms of *Dactylorhiza*; *Lychnis flos-cuculi* (Ragged-Robin) and *Iris pseudacorus* (Yellow Flag). At the Spa Gardens we saw several species of fern together with many cultivated marginal water plants by the stream.

After breakfast we headed west to Poll Salach (Poulsallagh), where we scoured the rocks above the cliffs for interesting flora. A few tenacious *Primula vulgaris* (Primrose) and *Primula veris* (Cowslip) were offering a last glimpse of spring in the hot summer sunshine and a few orchids, *Dactylorhiza occidenta*lis (Irish Marsh Orchid); *Dactylorhiza maculata* (Heath Spotted Orchid) and no doubt hybrids which are indiscernible.

Onwards to Fanore where we immediately spotted *Anacamptis pyramidalis* (Pyramidal Orchid) in the short turf next to the car park. Although not in full flower, the pyramidal structure of the flower spike is unmistakeable.

Our next stop was Black Head, where most of us climbed the hill to the summit where we decided to eat the packed lunches provided by Sheedys. During the climb and descent, we were able to see many of the plants for which 'The Burren' is rightly famous. *Gentian verna* (Spring Gentian); *Dryas octopetala* (Mountain avens); *Geranium sanguineum* (Bloody Crane's-Bill) and *Helianthemum oelandicum* (Hoary Rockrose) were all growing within yards of each other. On the higher points we were able to find *Orchis mascula* (Early Purple Orchid) still in good condition.

Another stop by the Pinnacle Well, before walking down to the Rine, gave us a chance to photograph *Erinus alpinus* (Fairy Foxglove), high up on the well wall. At the Rine, we were able to see many salt marsh plants, including a vast colony of *Almeria maritime* (Thrift); *Spergularia media* (Greater Sea-Spurrey) and *Salicornia europaea* (Glasswort).

After an abortive attempt to find the recently reported *Arenaria norvegica* (Arctic Sandwort) on the southern slopes of Gleninagh Mtn. we continued via the 'Khyber Pass' to our hotel at Lisdoonvarna.

Day 3 Friday 5th June

After a leisurely breakfast we headed off to Kilfenora for the Burren Centre and the ruins of the Cathedral. After a few purchases of maps, guides and souvenirs and having had sufficient culture for the morning, we made our way to Lake Gealain and Mullach Mor. On a short walk towards the hills we were able to see several species of Orchid that we had not previously sighted. Neotinea maculata (Dense-flowered Orchid) in seed; Dactylorhiza fuchsia ssp. okellyi (O'Kelly's spotted-Orchid); Dactylorhiza incarnate ssp. cruenta (Leopard Orchid); Platanthera bifolia (Lesser Butterfly-Orchid); Ophrys insectifera (Fly Orchid), together with many Dactylorhiza maculata (Heath Spotted Orchid) that we had previously seen elsewhere. In this flora rich area, we also noted Viola persicifolia (Fen Violet). Lunch was taken by the Turlough, where we watched dragonflies emerging from dried nymph skins to dry themselves in the sun by the edge of the pool.

More culture was called for, so a short detour to Carcomroe Abbey allowed us to see the celebrated carved flowers in the Abbey architectural ruins and the colony of *Umbilicus rupestris* (Navelwort) on the outbuildings walls. A drive back past Lisdoonvarna took us to Doolin where we had hoped to see *Dactylorhiza occidentalis* (Western Marsh Orchid), but we did not seem to be in the right place or in the terrain that these orchids prefer. We did however find an exceedingly large population of *Lychnis flos-cuculi* (Ragged-Robin). A drive-past the Cliffs of Moher was sufficient to satisfy the group's need, before we headed back to our hotel and our last night in The Burren.

Day 4 Saturday 6th June

Another leisurely breakfast and check out for all of us in the group. We left our bags at the hotel and headed out for a last glimpse of The Burren's wonderful flora. We tried once again to find the elusive *Arenaria norvegica* (Arctic Sandwort) and after an hour or so of trying, decided to abandon the search and visit more limestone pavement on north facing slopes near Formoyle. Here we found more *Dactylorhiza maculata* (Heath Spotted Orchid); *Pinguicula vulgaris* (Common butterwort) and *Adiantum capillus-veneris* (Maidenhair fern), deep in the grikes.

Moving on to Fanore, we explored the beach and sand dunes, finding *Euphorbia paralias* (Sea Spurge); *Calstegia soldanella* (Sea bindweed) and *Eryngium maritimum* (Sea-Holly). Another packed lunch provided by the hotel was taken on the beach, although the weather that had been glorious during the previous three days, was now threatening rain and by early afternoon we had been caught in several heavy showers. We repaired to the Tea Rooms at Ballyvaughan, where tea and cake was provided in a lush conservatory, overlooking a colourful and interesting garden.

Back at the hotel, we collected our bags, said our goodbyes to those who were not travelling with us to the airport and made our way back to Shannon and the flights back to various parts of the UK.

Summary: The above does not do justice to the quantity or variety of plant species that we were able to see and photograph and I have therefore included a full plant list which you will find attached.

The weather was wonderful for the first two days, sunny and hot. By Friday it had cooled a little and the breeze became stronger. Saturday was variable, with sun, cloud, rain and wind consecutively and at times simultaneously. The hotel was excellent and the meals provided, including the packed lunches, exceedingly satisfying.

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Species List

Plant List

Scientific Name Common Name Notes

Dicotyledons

Acer pseudoplatanusSycamoreIlex aquifoliaHollyHedera helixIvyAntennaria dioicaCatsfootAster tripoliumSea asterBellis perennisDaisy

Carlina vulrarisCarline thistleCentaurea nigraKnapweedCirsium arvenseCreeping thistle

Cirsium dissectum Meadow or bog Thistle

Cirsium palustreMarsh thistleCirsium vulgareSpear thistleEupatorium cannabinumHemp-agrimonyHieracium anglicumIrish hawkweedHieracium pilosellaMouse-ear hawkweed

Leucanthemum vulgareox-eye daisyMatricaria discoideaPineapple weedMycelis muralisWall lettuceSenecio jacobaeaRagwort

Solidago virgaurea Golden rod
Sonchus asper Prickly sow-thistle
Sonchus oleraceus Smooth sow-thistle

Tanacetum parthenium Feverfew Taraxacum officinale Dandelion Alnus glutinosa Alder Silver birch Betula pendula Betula pubescens Downy birch Myosotis arvensis Forget-me-not Symphytum officinale Comfrey Lonicera periclymenum Honeysuckle Sambucus nigra Elder Symphoricarpos albus Snowberry Viburnus opulus Guelder rose

Arenaria serpyllifolia Thyme leaved sandwort

Cerastium arvense Field mouse-ear
Honkenya peploides Sea sandwort
Lychnis flos-cuculi Ragged Robin

Minuartia verna Spring sandwort/Vernal sandwort

Silene uniflora (vulgaris ssp. maritima)Sea campionSilene vulgarisBladder campionSpergularia mediaGreater sea-spurreyStellaria gramineaLesser stitchwortStellaria holosteaGreater stitchwort

Beta vulgaris ssp. maritima Sea Beet

Salicornia europaeaCommon glasswortHelianthemum oelandicum (carnum)Burren rockroseCalystegia soldanellaSea bindweed

Corylus avellana Hazel

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Not flowering

Scientific Name Common Name Notes

Sedum acreBiting stonecropSedum albumWhite stonecropUmbilicus rupestrisNavelwort, PennywortArabis hirsutaHairy rockcress

Cardomine pratense Lady's smock or Cuckooflower

Cochlearia officinalis Scurvy-grass Crambe maritima Sea kale Hesperis matrionalis **Dames Violet** Rorippa nasturtium-aquaticum Watercress Sisymbrium officinale Hedge mustard Calluna vulgaris Heather, Ling Erica cinerea Bell heather Rhododendron ponticum Rhododendron Euphorbia paralias Sea spurge Anthyllis vulneraria Kidney vetch Lathyrus linifolius (montanus) Bitter vetch Meadow vetchling

Lathyrus pratensis Lotus corniculatus Trefoil, bird's foot Medicago lupulina Black medic Trifolium campestre Hop trefoil Trifolium pratense Red clover Trifolium repens White clover Tufted vetch Vicia cracca Common vetch Vicia sativa Vicia sepium Bush vetch Fagus sylvatica Beech Blackstonia perfoliata Yellow wort Gentiana verna Spring gentian Erodium cicutarium ssp. dunense Dune storksbill

Geranium dissectum
Cut-leaved cranesbill
Geranium lucidum
Shining Cranesbill
Dove's foot cranesbill,
Geranium sanguineum
Bloody cranesbill
Geranium robertianum
Herb Robert

Escallonia macrantha Escallonia
Hypericum androsaemum Tutsan

Hypericum canadense Irish St.John's wort

Ajuga reptans

Mentha aquatica

Origanum vulgare

Teucrium scorodonia

Thymus polytrichus (praecox)

Mentha aquatica

Water mint

Marjoram

Wood sage

Wild thyme

Pinguicula grandiflora Greater butterwort
Pinguicula vulgaris Common butterwort

Linum catharticum Purging flax Fraxinus excelsior Ash

Circaea lutetiana Enchanter's nightshade
Epilobium montanum Broad-leaved willowherb

Fuchsia magellanica Fuchsia

Papaver rhoeasCommon poppyPlantago coronopusBuck's horn plantainPlantago lanceolataRibwort plantainPlantago maritimaSea plantain

Armeria maritima Thrift

White flowered also found

Scientific Name Common Name Notes

 Limonium recurvum ssp pseudotranswallianum
 Rock sea-lavender

 Polygala vulgaris
 Common milkwort

 Rumex crispus
 Curled dock

 Anagallis arvensis
 Scarlet pimpernel

 Glaux maritima
 Sea milkwort

 Lysimachia nemorum
 Yellow pimpernel

Primula veris Cowslip Seedheads

Primula vulgarisPrimroseAquilegia vulgarisColumbineCaltha palustrisKingcup

Ranunculus acris Meadow buttercup Ranunculus bulbosea Bulbous buttercup Ranunculus fammula Lesser spearwort **Greater Spearwort** Ranunculus lingua Ranunculus repens Creeping buttercup Thalictrum minus Lesser meadow-rue Frangula alnus Alder buckthorn Rhamnus catharticus Purging buckthorn Alchemilla glabra Lady's mantle Crataegus monogyna Hawthorn Mountain avens Dryas octopetala

Filipendula ulmaria Meadowsweet Not flowering

Filipendula vulgarisDropwortFragaria vescaWild strawberryGeum rivaleWater avens

Geum urbanum Wood avens/Herb Bennet

Potentilla anserina Silverweed
Potentilla erecta Tormentil

Potentilla fruiticosa Shrubby cinquefoil

Prunus spinosa Blackthorn Rosa canina Dog rose Burnet rose Rosa pimpinellifolia Rubus fruticosus Bramble Sanguisorba minor Salad burnet Sorbus aria Whitebeam Sorbus aucuparia Mountain ash Galium boreale Northern bedstraw Galium odoratum Sweet woodruff Galium sterneri Limestone bedstraw Galium verum Lady's bedstraw

Populus tremulaAspenSalix albaWhite willowSalix capriaGoat willowSaxifraga hypnoidesMossy saxifrageSaxifraga rosaceaBurren saxifrageSaxifraga tridactylitesRue-leaved saxifrageCymbalaria muralisIvy-leaved toadflax

Digitalis purpurea Foxglove
Erinus alpinus Fairy foxglove

Euphrasia salisburgensis var. hibernica Irish narrow-leaved eyebright

Euphrasia spEyebrightPedicularis sylvaticaLousewortRhinanthus minorYellow rattleScrophularia nodosaCommon figwort

Scientific Name Common Name Notes

Veronica beccabunga Brooklime

Veronica chamaedrysGermander speedwellVeronica montanaWood speedwellVeronica officinalisCommon speedwell

Tilia x europaeaLimeAngelica sylvestrisAngelicaAnthriscus sylvestrisCow parsleyConopodium majusPignutCrithmum maritimumRock samphire

Eryngium maritimum
Sea holly
Heracleum sphondylium
Hogweed
Oenanthe sp.
Water dropwort

Sanicula europaea Sanicle

Parietaria judaica Pellitory of the wall

Urtica dioicaNettleCentranthus ruberRed valarianValariana officinalisValarian

Valerianella locustaCommon cornsaladViola caninaHeath dog violetViola persicifoliaFen violetViola rivinianaDog violet

Monocotyledons

Arum maculatumLords & LadiesCarex paniceaCarnation sedgeCarex pulicarisFlea sedge

Eriophorum angustifolium Common cotton grass

Ammophila arenariaMarram grassAnthoxanthum odoratumSweet vernal grassBriza mediaQuaking grassCatapodium rigidumFern grassDactylis glomerataCocksfootHolcus lanatusYorkshire fog

Sesleria caeruleaBlue moor grassIris pseudacorusYellow flagTriglochin maritimaSea arrow-grassAllium ursinumRamsons

Anacamptis pyramidalis Pyramidal orchid

Dactyloriza fuchsiiCommon spotted orchidDactyloriza fuchsii ssp. okellyiO'Kelly's spotted orchidDactyloriza incarnata ssp cruentaEarly marsh/ Leopard orchid

Dactyloriza maculata (ssp ericetorum)Heath spotted orchidDactylorhiza majalis ssp. occidentalisWestern marsch orchidDactyloriza traunsteineriNarrow-leaved marsh orchid

Epipactis atrorubens Red helleborine Leaves only

Neotia (Listera) ovata Twavblade

Neotinea maculata Dense flowered orchid Seed pods

Ophrys insectifera Fly orchid

Orchis mascula Early purple orchid

Platanthera biflora Lesser butterfly orchid

Potamogeton natans Broad-leaved pondweed

Gymnosperms

Juniperus communis Juniper

Scientific Name Common Name Notes

Taxus baccata Yew

Ferns

Adiantum capiullus-veneris Maidenhair fern

Asplenium ruta-muraria Wall-rue
Asplenium trichomanes Maidenhair spleenwort

Ceterach officinarumRusty-back fernPhyllitis scolopendriumHart's tonge fern

Blechnum spicant
Pteridium aquilinum
Bracken
Dryopteris felix-mas
Male fern
Polystichum setiferum
Polypodium vulgare
Anthyrium felix-femina
Hart tenge for the string of t

Equisetales

8

Equisetum fluviatale Water horsetail Equisetum telmateia Great horsetail