

Outing from EARLSFERRY LINKS via KINCRAIG CLIFFS to SHELL BAY.

Map References: 1 inch OS Map No. 56 from 478994 to 464005.

Plant species recorded were: (f = flowering/fertile; o = finished flowering)

RANUNCULACEAE

- Caltha palustris - Marsh Marigold (o)
- Ranunculus repens - Creeping Buttercup (f)

PAPAVERACEAE

- Papaver dubium - Long-headed Poppy (f)

CRUCIFERAE

- Sinapsis arvensis - Charlock (f)
- Cakile maritima - Sea Rocket (f)
- Cochlearia officinalis - Common Scurvy-grass
- Cardamine flexuosa - Wood Bitter-cress (f)

CISTACEAE

- Helianthemum chamaecistus - Common Rockrose (o)

CARYOPHYLLACEAE

- Silene dioica - Red Campion (f)
- S. alba - White Campion (f)
- S. vulgaris - Bladder Campion (o)
- S. maritima - Sea Campion (o)
- Cerastium arvense - Field Mouse-ear Chickweed (o)
- Stellaria media - Chickweed (f)
- Honkenya peploides - Sea Sandwort (o)
- Spergula arvensis - Spurrey (o)
- Spergularia media - Greater Sea-spurrey (f)

CHENOPODIACEAE

- Atriplex glabriuscula - Babington's Orache (o)
- A. hastata - Hastate Orache (o)
- A. laciniata - Frosted Orache (o)

GERANIACEAE

- Geranium pratense - Meadow Cranesbill (f)
- G. sanguineum - Bloody Cranesbill (o)
- G. molle - Dove's-foot Cranesbill

ACERACEAE

- Acer pseudoplatanus - Sycamore (o)

PAPILIONACEAE

- Ulex europaeus - Gorse (o)
- Sarothamnus scoparius - Broom (o)
- Ononis repens - Restharrow (f)
- Medicago lupulina - Black Medick (o)
- Trifolium repens - White Clover (f)
- T. pratense - Red Clover (f)
- Anthyllis vulneraria - Kidney Vetch (o)
- Lotus corniculatus - Birdsfoot Trefoil (f)
- Vicia hirsuta - Hairy Tare (o)
- V. cracca - Tufted Vetch (o)

ROSACEAE

- Filipendula ulmaria - Meadow-sweet (f)
- Potentilla anserina - Silverweed (f)
- Agrimonia eupatoria - Common Agrimony (f)
- Rosa pimpinellifolia - Burnet Rose (o)
- R. canina agg. - Dog Rose (o)
- R. rubiginosa agg. - Sweet-briar (o)
- Crataegus monogyna - Hawthorn (o)

CRASSULACEAE

- Sedum acre - Biting Stonecrop (o)

ONAGRACEAE

- Epilobium hirsutum - Great Hairy Willow-herb (f)
- E. montanum - Broad-leaved Willow-herb (f)
- Chamaenerion angustifolium - Rose-bay Willow-herb (f)

ARALIACEAE

- Hedera helix - Ivy

UMBELLIFERAE

- Anthriscus sylvestris - Cow Parsley (o)
- Torilis japonica - Upright Hedge-parsley (f)
- Smyrniolobos olusatrum - Alexanders (o)
- Conium maculatum - Hemlock (o)
- Pimpinella saxifraga - Burnet Saxifrage
- Angelica sylvestris - Wild Angelica (f)
- Heracleum sphondylium - Hogweed (o)
- Ligusticum scoticum - Scot's Lovage

POLYGONACEAE

- Polygonum aviculare agg. - Knotgrass (f)
- P. convolvulus - Black Bindweed
- Rumex acetosella agg. - Sheep's Sorrel (o)
- R. crispus - Curled Dock (o)
- R. obtusifolius - Broad-leaved Dock

URTICACEAE

- Urtica dioica - Nettle (o)

PLUMBAGINACEAE

- Armeria maritima - Thrift, Sea Pink (f)

PRIMULACEAE

- Primula veris - Cowslip
- Glaux maritima - Sea Milkwort

BORAGINACEAE

- Symphytum tuberosum - Tuberous Comfrey (o)
- Myosotis arvensis - Common Forget-me-not (f)
- Echium vulgare - Viper's Bugloss (f)

SOLANACEAE

Lycium chinense - Duke of Argyll's Tea-plant (f)

SCROPHULARIACEAE

Mimulus guttatus - Monkey-flower (f)
Veronica chamaedrys - Germander Speedwell (o)
Rhinanthus minor agg. - Yellow-rattle
Euphrasia officinalis agg. - Eyebright

LABIATAE

Thymus drucei - Wild Thyme (f)
Stachys sylvatica - Hedge Woundwort (o)
Lamium purpureum - Red Dead-Nettle (f)

PLANTAGINACEAE

Plantago major - Common Plantain
P. *lanceolata* - Ribwort Plantain
P. *maritima* - Sea Plantain
P. *coronopus* - Buck's-horn Plantain

CAMPANULACEAE

Campanula rotundifolia - Harebell (f)

RUBIACEAE

Galium verum - Lady's Bedstraw (f)
G. *aparine* - Sticky Willie

VALERIANACEAE

Valeriana officinalis - Valerian (f)

DIPSACACEAE

Succisa pratensis - Devil's-bit scabious (f)

COMPOSITAE

Senecio jacobaea - Ragwort (f)
S. *viscosus* - Stinking Groundsel (f)
S. *vulgaris* - Groundsel (f)
Tussilago farfara - Coltsfoot
Solidago virgaurea - Golden-rod (f)
Aster tripolium - Sea Aster (f)
Bellis perennis - Daisy (f)
Achillea millefolium - Yarrow (f)
Tripleuro spermum maritimum - Scentless Mayweed
Artemisia absinthium - Wormwood (o)
A. *maritima* - Sea Wormwood (o)
Arctium minus - Lesser Burdock
Carduus tenuiflorus - Slender Thistle
Cirsium vulgare - Spear Thistle (o)
C. *arvense* - Creeping Thistle (f)
Centaurea scabiosa - Greater Knapweed (o)
C. *nigra* - Hardhead (f)

COMPOSITAE: contd.

- Sonchus arvensis - Field Milk-Thistle (f)
- S. oleraceus - Milk-Thistle (f)
- S. asper - Spin; Milk-Thistle (f)
- Hieracium pilosella - Mouse-ear Hawkweed

IRIDACEAE

- Iris pseudacorus - Yellow Flag

SPARGANIACEAE

- Sparganium erectum - Bur-reed (o)

GRAMINEAE

- Glyceria maxima - Reed-grass (f)
- Festuca rubra - Red Fescue (o)
- Lolium perenne - Rye-grass (f)
- Puccinellia maritima - Sea Poa (o)
- Poa pratensis - Common Meadow-grass (o)
- Dactylis glomerata - Cock's-foot (o)
- Cynosurus cristata - Crested Dog's-tail (o)
- Brachypodium sylvaticum - Slender False-Brome (f)
- Agropyron caninum - Bearded Couch-grass (f)
- A. repens - Couch-grass (f)
- Elymus arenarius - Sea Lyme-grass (o)
- Trisetum flavescens - Yellow Oat-grass (o)
- Helictotrichon pubescens - Hairy Oat-grass (o)
- Arrhenatherum elatius - False Oat-grass
- Holcus lanatus - Yorkshire Fog (o)
- Aira praecox - Early Hair-grass (o)
- A. caryophyllea - Silvery Hair-grass (o)
- Phleum pratense - Timothy Grass (o)
- Anthoxanthum odoratum - Sweet Vernal-grass (o)
- Phalaris arundinacea - Reed Canary Grass (o)

Ferns and their Allies (Pteridophyta)

- Equisetum arvense - Common Horsetail
- Pteridium aquilinum - Bracken (f)