**Liverpool Botanical Society Field trip to Birkenhead North and Bidston Tip, 15 September 2018**

Leader: Eric Greenwood

Eight members and friends met to explore the flora of former residential and industrial areas of Birkenhead North and parts of the reclaimed Bidston Tip.

Recording started at Birkenhead North Station but soon moved on to explore the streets to the south of Beaufort Road adjacent to the station car park. The residential area was demolished some years ago and abandoned to nature. The party then moved to the other side of the road to record the abandoned dock railway. The day ended with an exploration of part of the reclaimed former Bidston Tip to the NW of Wallasey Bridge Road.

A total of approximately 227 taxa were recorded from two monads but covering two 10 x 10 km squares. Of the total approximately 32% were introductions.

In the following list nomenclature follows the ‘New Flora of the British Isles’ (Stace, 3rd ed., 2010) and ‘Flora of Great Britain and Ireland’ (Sell and Murrell, 1996 – 2018)

|  |  |  |  |
| --- | --- | --- | --- |
| **Latin name** | **Common name** | **GR** | **Comment** |
| **Acer campestre** | **Field Maple** | **SJ3090** |  |
| **Acer pseudoplatanus** | **Sycamore** | **SJ2990** |  |
| **Achillea millefolium** | **Yarrow** | **SJ2990** |  |
| **Aegopodium podagraria** | **Ground-elder** | **SJ2990** |  |
| **Agrostis stolonifera** | **Creeping Bent** | **SJ2990** |  |
| **Alliaria petiolata** | **Garlic Mustard** | **SJ2990** |  |
| **Alnus glutinosa** | **Alder** | **SJ2990** |  |
| **Alnus incana** | **Grey Alder** | **SJ2990** |  |
| **Anagalllis arvensis** | **Scarlet Pimpernel** | **SJ2990** |  |
| **Anisantha sterilis** | **Barren Brome** | **SJ2990** |  |
| **Anthriscus sylvestris** | **Cow Parsley** | **SJ2990** |  |
| **Anthyllis vulneraria** | **Kidney Vetch** | **SJ3090** |  |
| **Aquilegia vulgaris s.l.** | **Columbine** | **SJ2990** | **Garden escape** |
| **Arabidopsis thaliana** | **Thale Cress** | **SJ2990** |  |
| **Arctium minus** | **Lesser Burdock** | **SJ2990** |  |
| **Arrhenatherum elatius** | **False Oat-grass** | **SJ2990** |  |
| **Asplenium adiantum-nigrum** | **Black Spleenwort** | **SJ3090** |  |
| **Aste novi-belgii** | **Confused Michaelmas-daisy** | **SJ2990** |  |
| **Aster x salignus** | **Common Michaelmas-daisy** | **SJ2990** |  |
| **Atriplex patula** | **Common Orache** | **SJ2990** |  |
| **Bellis perennis** | **Daisy** | **SJ2990** |  |
| **Betula pendula** | **Silver Birch** | **SJ3090** |  |
| **Brassica napus ssp. oleifera** | **Oil-seed Rape** | **SJ2990** |  |
| **Ceratochloa carinata (Bromus carinatus)** | **California Brome** | **SJ3090** |  |
| **Buddleja davidii** | **Butterfly-bush** | **SJ2990** |  |
| **Calamagrostis epigeios** | **Wood Small-reed** | **SJ2990** |  |
| **Calystegia silvatica** | **Large Bindweed** | **SJ2990** |  |
| **Calystegia x lucana** |  | **SJ2990** |  |
| **Capsella bursa-pastoris** | **Shepherd’s-purse** | **SJ2990** |  |
| **Cardamine flexuosa** | **Wavy Bitter-cress** | **SJ2990** |  |
| **Carex pendula** | **Pendulous Sedge** | **SJ2990** |  |
| **Centaurea nigra** | **Common Knapweed** | **SJ3090** |  |
| **Cerastium fontanum** | **Common Mouse-ear** | **SJ3090** |  |
| **Chamerion angustifolium** | **Rosebay Willowherb** | **SJ2990** |  |
| **Cirsium arvense** | **Creeping Thistle** | **SJ2990** |  |
| **Cirsium vulgare** | **Spear Thistle** | **SJ2990** |  |
| **Conyza canadense** | **Canadian Fleabane** | **SJ3090** |  |
| **Conyza sumatrensis** | **Guernsey Fleabane** | **SJ2990** |  |
| **Cornus alba** | **White Dogwood** | **SJ2990** |  |
| **Coreopsis tinctoria** | **A. Tickseed** | **SJ2990** |  |
| **Corylus avellana** | **Hazel** | **SJ2990** |  |
| **Cotoneaster bullatus** | **Hollyberry Cotoneaster** | **SJ3090** |  |
| **Cotoneaster dammeri** | **Bearberry Cotoneaster** | **SJ2990** |  |
| **Cotoneaster x watereri** | **Waterer’s Cotoneaster** | **SJ2990** | **Is this correct?** |
| **Crataegus monogyna** | **Hawthorn** | **SJ2990** |  |
| **Crepis capillaris** | **Smooth Hawk’s-beard** | **SJ3090** |  |
| **Crocosmia x crocosmiiflora** | **Montbretia** | **SJ3090** |  |
| **Cymbalaria muralis** | **Ivy-leaved Toadflax** | **SJ2990** |  |
| **Cytisus scoparius** | **Broom** | **SJ3090** |  |
| **Dactylis glomerata** | **Cock’s-foot** | **SJ2990** |  |
| **Daucus carota** | **Wild Carot** | **SJ2990** |  |
| **Deschampsia cespitosa ssp cespitosa** | **Tufted Hair-grass** | **SJ2990** |  |
| **Diplotaxis muralis** | **Annual Wall-rocket** | **SJ2990** |  |
| **Dipsacus fullonum** | **Wild Teasel** | **SJ2990** |  |
| **Dryopteris filix-mas** | **Male-fern** | **SJ3090** |  |
| **Echium vulgare** | **Viper’s-bugloss** | **SJ2990** |  |
| **Eleagnus x submacrophylla** |  | **SJ300902** |  |
| **Elytrigia repens** | **Common Couch** | **SJ2990** |  |
| **Epilobium ciliatum** | **American Willowherb** | **SJ2990** |  |
| **Epilobium hirsutum** | **Great Willowherb** | **SJ2990** |  |
| **Epilobium montanum** | **Broad-leaved Willowherb** | **SJ2990** |  |
| **Epilobium parviflorum** | **Hoary Willowherb** | **SJ3090** |  |
| **Equisetum arvense** | **Field Horsetail** | **SJ2990** |  |
| **Erigeron acris** | **Blue Fleabane** | **SJ3090** |  |
| **Eupatorium cannabinum** | **Hemp-agrimony** | **SJ3090** |  |
| **Euphorbia characias ssp veneta (wolfarii)** | **Mediterranean Spurge** | **SJ2990** |  |
| **Euphorbia cyparissias** | **Cypress Spurge** | **SJ2990** |  |
| **Euphorbia helioscopia** | **Sun Spurge** | **SJ3090** |  |
| **Euphorbia lathyris** | **Caper Spurge** | **SJ2990** |  |
| **Euphorbia peplus** | **Petty Spurge** | **SJ3090** |  |
| **Fallopia baldschuanica** | **Russuian-vine** | **SJ2990** |  |
| **Fallopia japonica** | **Japanese Knotweed** | **SJ3090** |  |
| **Festuca rubra** | **Red Fescue** | **SJ2990** |  |
| **Foeniculum vulgare** | **Fennel** | **SJ3090** |  |
| **Fraxinus excelsior** | **Ash** | **SJ2990** |  |
| **Fuchsia megellanica** | **Fuchsia** | **SJ2990** |  |
| **Galinsoga quadriradiata** | **Shaggy-soldier** | **SJ3090** |  |
| **Galium aparine** | **Cleavers** | **SJ2990** |  |
| **Galium verum** | **Lady’s Bedstraw** | **SJ2990** |  |
| **Geranium lucidum** | **Shining Crane’s-bill** | **SJ2990** |  |
| **Geranium pratense** | **Meadow Crane’s-bill** | **SJ2990** |  |
| **Geranium pyrenaicum** | **Hedgerow Crane’s-bill** | **SJ2990** |  |
| **Geranium robertianum** | **Herb-Robert** | **SJ2990** |  |
| **Geranium x oxonianum** | **Druce’s Crane’s-bill** | **SJ2990** |  |
| **Hedera ‘Hibernica’** | **Irish Ivy** | **SJ3090** |  |
| **Hedera helix** | **Ivy** | **SJ2990** |  |
| **Helianthus x laetiflorus** | **Perennial Sunflower** | **SJ2990** |  |
| **Helminthotheca echioides** | **Bristly Oxtongue** | **SJ2990** |  |
| **Heracleum sphondylium** | **Hogweed** | **SJ2990** |  |
| **Hieracium vagum** | **A Hawkweed** | **SJ3090** |  |
| **Hippophae rhamnoides** | **Sea-buckthorn** | **SJ2990** |  |
| **Hirschfeldia incana** | **Hoary Mustard** | **SJ2990** |  |
| **Holcus lanatus** | **Yorkshire-fog** | **SJ3090** |  |
| **Hordeum murinum** | **Wall Barley** | **SJ3090** |  |
| **Hypericum maculatum** | **Imperforate St John’s-wort** | **SJ3090** |  |
| **Hypochaeris radicata** | **Cat’s-ear** | **SJ3090** |  |
| **Ilex aquifolium** | **Holly** | **SJ3090** |  |
| **Iris pseudacorus** | **Yellow Iris** | **SJ2990** |  |
| **Juncus inflexus** | **Hard Rush** | **SJ3090** |  |
| **Knautia arvensis** | **Field Scabious** | **SJ2990** |  |
| **Laburnum anagyroides** | **Laburnum** | **SJ2990** |  |
| **Lactuca serriola** | **Prickly Lettuce** | **SJ2990** |  |
| **Lamium amplexicaule** | **Henbit Dead-nettle** | **SJ2990** |  |
| **Lapsana communis** | **Nipplewort** | **SJ3090** |  |
| **Lathyrus latifolius** | **Broad-leaved Everlasting-pea** | **SJ3090** |  |
| **Lathyrus pratensis** | **Meadow Vetchling** | **SJ3090** |  |
| **Leucanthemum vulgare** | **Oxeye Daisy** | **SJ3090** |  |
| **Ligustrum ovalifolium** | **Garden Privet** | **SJ2990** |  |
| **Linaria purpurea** | **Purple Toadflax** | **SJ2990** |  |
| **Linaria vulgaris** | **Common Toadflax** | **SJ3090** |  |
| **Lobelia erinus** | **Garden Lobelia** | **SJ2990** |  |
| **Lolium perenne** | **Perennialm Rye-grass** | **SJ3090** |  |
| **Lotus corniculatus** | **Common Bird’s-foot-trefoil** | **SJ2990** |  |
| **Lotus corniculatus var. sativus** |  | **SJ2990** |  |
| **Lyceum barbarum** | **Duke of Argyll’s Teaplant** | **SJ3090** |  |
| **Mahonia aquifolium** | **Oregon-grape** | **SJ2990** |  |
| **Malus pumila** | **Apple** | **SJ3090** |  |
| **Malus sylvestris** | **Crab Apple** | **SJ2990** |  |
| **Malva arborea** | **Tree-mallow** | **SJ3090** |  |
| **Malva sylvestris** | **Common Mallow** | **SJ2990** |  |
| **Matricaria discoidea** | **Pinappleweed** | **SJ2990** |  |
| **Medicago lupulina** | **Black Medick** | **SJ2990** |  |
| **Medicago sativa ssp. sativa** | **Lucerne** | **SJ2990** |  |
| **Melilotus albus** | **White Melilot** | **SJ2990** |  |
| **Melilotus altissimus** | **Tall Melilot** | **SJ2990** |  |
| **Myosotis arvensis** | **Field Forget-me-not** | **SJ2990** |  |
| **Odontites vernus** | **Red Bartsia** | **SJ2990** |  |
| **Oenothera biennis** | **Common Evening-primrose** | **SJ2990** |  |
| **Oenothera glazioviana** | **Large-flowered Evening-primrose** | **SJ3090** |  |
| **Orobanche minor** | **Common Broomrape** | **SJ300902** |  |
| **Papaver rhoeas** | **Common Poppy** | **SJ2990** |  |
| **Parietaria judaica** | **Pellitory-of-the-wall** | **SJ2990** |  |
| **Pastinaca sativa ssp. sativa** | **Parsnip** | **SJ3090** |  |
| **Pentaglottis sempervirens** | **Green Alkanet** | **SJ2990** |  |
| **Persicaria amphibia** | **Amphibious Bistort** | **SJ2990** |  |
| **Persicaria maculosa** | **Redshank** | **SJ2990** |  |
| **Petasites fragrans** | **Winter Heliotrope** | **SJ2990** |  |
| **Phleum pratense** | **Timothy** | **SJ2990** |  |
| **Phragmites australis** | **Common Reed** | **SJ3090** |  |
| **Picris hieracioides** | **Hawkweed Oxtongue** | **SJ3090** |  |
| **Pinus sylvestris** | **Scots Pine** | **SJ2990** |  |
| **Plantago lanceolata** | **Ribwort Plantain** | **SJ2990** |  |
| **Plantoago major** | **Greater Plantain** | **SJ2990** |  |
| **Poa annua** | **Annual Meadow-grass** | **SJ3090** |  |
| **Poa pratensis s.s.** | **Smooth Meadow-grass** | **SJ2990** |  |
| **Polygonum aviculare s.l.** | **Knotgrass** | **SJ3090** |  |
| **Polygonum denudatum** |  | **SJ3090** |  |
| **Polygonum microspermum** |  | **SJ3090** |  |
| **Polygonum polychnemiforme** |  | **SJ3090** |  |
| **Polypodium vulgare** | **Polypody** | **SJ2990** | **On station building** |
| **Polypogon viridis** | **Water Bent** | **SJ2990** |  |
| **Populus alba** | **White Poplar** | **SJ2990** |  |
| **Populus nigra s.l.** | **Black Poplar** | **SJ3090** |  |
| **Potentilla anserina** | **Silverweed** | **SJ3090** |  |
| **Potentilla fruticosa** | **Shrubby Cinquefoil** | **SJ3090** |  |
| **Potentilla reptans** | **Creeping Cinquefoil** | **SJ2990** |  |
| **Potentilla x suberecta** |  | **SJ3090** |  |
| **Prunella vulgaris** | **Selfheal** | **SJ2990** |  |
| **Prunus avium** | **Wild Cherry** | **SJ2990** |  |
| **Prunus spinosa** | **Blackthorn** | **SJ2990** |  |
| **Pulicaria dysenterica** | **Common Fleabane** | **SJ2990** |  |
| **Quercus sp.** |  | **SJ3090** | **Seedling** |
| **Ranunculus acris** | **Meadow Buttercup** | **SJ3090** |  |
| **Ranunculus repens** | **Creeping Buttercup** | **SJ2990** |  |
| **Rapistrum rugosum** | **Bastard Cabbage** | **SJ298907** |  |
| **Reseda luteola** | **Weld** | **SJ2990** |  |
| **Reseda luteola** |  | **SJ3090** | **Was this R. lutea?** |
| **Ribes sanguineum** | **Flowering Currant** | **SJ2990** |  |
| **Rosa caesia ssp. vosagiaca** | **Glaucus Dog-rose** | **SJ2990** |  |
| **Rosa multiflora** | **Many-flowered Rose** | **SJ2990** |  |
| **Rosa rubiginosa** | **Sweet-brier** | **SJ3090** |  |
| **Rosa rugosa** | **Japanese Rose** | **SJ2990** |  |
| **Rosa spinosissima** | **Burnet Rose** | **SJ2990** |  |
| **Rubus armeniacus** |  | **SJ2990** |  |
| **Rubus caesius** | **Dewberry** | **SJ3090** |  |
| **Rubus fruticosus agg.** |  | **SJ3090** |  |
| **Rumex acetosa** | **Common Sorrel** | **SJ2990** |  |
| **Rumex crispus** | **Curled Dock** | **SJ2990** |  |
| **Rumex obtusifolius** | **Broad-leaved Dock** | **SJ2990** |  |
| **Rumex x pratensis** |  | **SJ2990** |  |
| **Salix alba var alba** | **White Willow** | **SJ2990** |  |
| **Salix caprea** | **Goat Willow** | **SJ3090** |  |
| **Salix cinerea ssp oleifolia** | **Grey Willow** | **SJ3090** |  |
| **Salix viminalis** | **Osier** | **SJ2990** |  |
| **Salix x fragilis** | **Crack-willow** | **SJ2990** |  |
| **Sambucus nigra** | **Elder** | **SJ2990** |  |
| **Sambucus nigra forma laciniata** | **Parsley-leaved Elder** | **SJ3090** |  |
| **Schedonorus arundinaceus** | **Tall Fescue** | **SJ2990** |  |
| **Scorzoneroides autumnalis s.s.** | **Autumn Hawkbit** | **SJ2990** |  |
| **Sedum album** | **White Stonecrop** | **SJ2990** |  |
| **Sedum acre** | **Biting Stonecrop** | **SJ2990** |  |
| **Senecio inaequidens** | **Narrow-leaved Ragwort** | **SJ2990** |  |
| **Senecio erucifolius** | **Hoary Ragwort** | **SJ2990** |  |
| **Senecio jacobaea** | **Common Ragwort** | **SJ2990** |  |
| **Senecio squalidus** | **Oxford Ragwort** | **SJ2990** |  |
| **Senecio vulgaris** | **Groundsel** | **SJ2990** |  |
| **Silene latifolia** | **White Campion** | **SJ3090** |  |
| **Sinapis arvensis** | **Charlock** | **SJ2990** |  |
| **Solidago gigantea** | **Early Goldenrod** | **SJ3090** |  |
| **Sonchus arvensis** | **Perrenial Sowthistle** | **SJ3090** |  |
| **Sonchus oleraceus** | **Smooth Sowthistle** | **SJ2990** |  |
| **Sorbus aucuparia** | **Rowan** | **SJ3090** |  |
| **Sorbus intermedia** | **Swedish Whitebeam** | **SJ3090** |  |
| **Stachys sylvatica** | **Hedge Wounwort** | **SJ2990** |  |
| **Stellaria media** | **Common Chickweed** | **SJ2990** |  |
| **Tanacetum vulgare** | **Tansy** | **SJ2990** |  |
| **Taraxacum officinale s.l.** |  | **SJ2990** |  |
| **Tilia x europaea** | **Lime** | **SJ3090** |  |
| **Trifolium arvense** | **Hare’s-foot Clover** | **SJ2990** |  |
| **Trifolium dubium** | **Lesser Trefoil** | **SJ2990** |  |
| **Trifolium hybridum** | **Alsike Clover** | **SJ2990** |  |
| **Trifolium mediium** | **Zigzag Clover** | **SJ2990** |  |
| **Trifolium pratense** | **Red Clover** | **SJ2990** |  |
| **Trifolium repens** | **White Clover** | **SJ2990** |  |
| **Tussilago farfara** | **Colt’s-foot** | **SJ2990** |  |
| **Ulex europaeus** | **Gorse** | **SJ2990** |  |
| **Ulmus glabra** | **Wych Elm** | **SJ2990** |  |
| **Urtica dioica** | **Common Nettle** | **SJ2990** |  |
| **Verbascum nigrum** | **Dark Mullein** | **SJ3090** |  |
| **Verbascum thapsus** | **Great Mullein** | **SJ2990** |  |
| **Veronica agrestis** | **Green Field-speedwell** | **SJ2990** |  |
| **Veronica persica** | **Common Field-speedwell** | **SJ2990** |  |
| **Viburnum opulus** | **Guelder-rose** | **SJ3090** |  |
| **Vicia cracca** | **Tufted Vetch** | **SJ2990** |  |
| **Vicia hirsuta** | **Hairy Tare** | **SJ3090** |  |
| **Vicia sativa s.l.** | **Common Vetch** | **SJ2990** |  |
| **Vicia tetrasperma** | **Smooth Tare** | **SJ3090** |  |