# LBS Moore Nature Reserve 2018 Sep 1st

Liverpool Botanical Society field trip led by Howard Harris September 1st 10:30 to 15:45. The nature reserve ranger Emery gave us an introduction about this site & led us around for an hour before she had to leave us to continue on our own.

Field trip plant list of 183 species in Botanical Latin name alphabetic order. The number in the comments column indicates the order in which the plant was listed by Robert Freeth. The weather was mostly sunny, some cloud & pleasantly warm 22c. A few email additions & corrections from Eric Greenwood & Peter Gateley are included in this second version.

Occasional page references from Clive Stace “New Flora of the British Isle” third edition.

Assume flowering-plants in flower &/or seed unless otherwise stated in the comments column.

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| **Botanical Names** | **English Names** | **Comments** |
| Acer campestre | Field Maple | 153) |
| Acer pseudoplatanus | Sycamore | 33) With keys. |
| Achillea millefolium | Yarrow | 82) |
| Agrostis capillaris | Common Bent | 56) Peter Gateley. |
| Alisma plantago-aquatica | Water-plantain | 141) In ditch. Eric Greenwood. |
| Alliaria petiolata | Garlic Mustard | 41) In seed by standing bird-hide. |
| Alnus glutinosa | Alder | 11) Small ‘cones’. |
| Althaea officinalis | Marsh-mallow | 104) More typical plants were seen later on heath grassland. |
| Anagallis arvensis | Scarlet Pimpernel | 170) |
| Anthoxanthum odoratum | Sweet Vernal-grass | 106) Dried out. |
| Apium nodiflorum | Fool’s Watercress | 138) In leaf only. Peter Gateley. |
| Arctium minus | Lesser Burdock | 15) Mostly in seed. Flowers later. |
| Armoracia rusticana | Horse-radish | 71) In leaf. |
| Arrhenatherum elatius | False Oat-grass | 9) Fresh flowers, car-park edge. |
| Artemisia vulgaris | Mugwort | 69) |
| Asplenium scolopendrium | Harts-tongue | 152) |
| Athyrium filix-femina | Lady-fern | 36) Peter Gateley. |
| Bellis perennis | Daisy | 117) |
| Betula pendula | Silver Birch | 42) |
| Betula pubescens | Downy Birch | 51) Peter Gateley discussion. |
| Brassica napus ssp. oleifera | Oil-seed Rape | 134) |
| Buddleja davidii | Butterfly-bush | 128) |
| Capsella bursa-pastoris | Shepherd’s-purse | 66) |
| Cardamine flexuosa | Wavy Bittercress | 37) Peter Gateley 6 stamen count. |
| Carex acutiformis | Lesser Pond-sedge | 58) Stems only. Peter & Eric id. |
| Carex leporina | Oval Sedge | 172) Peter Gateley. |
| Carex pendula | Pendulous Sedge | 61) In leaf only. Peter Gateley. |
| Carex remota | Remote Sedge | 39) Peter Gateley. |
| Centaurea nigra | Common Knapweed | 78) Mostly in seed. |
| Centaurium erythraea | Common Centaury | 173) Eric Greenwood. |
| Cerastium arvense | Field Mouse-ear | 113) Peter Gateley. |
| Chamerion angustifolium | Rosebay Willowherb | 13) In field beyond car-park. |
| Circaea lutetiana | Enchanter’s-nightshade | 43) In seed. |
| Cirsium arvense | Creeping Thistle | 4) Mostly in seed. |
| Cirsium palustre | Marsh Thistle | 169) |
| Cirsium vulgare | Spear Thistle | 7) Most dried out, a few flowers. |
| Convolvulus sepium | Hedge Bindweed | 68) |
| Conyza canadensis? | Canadian Fleabane? | 131) Did not examine closely for recent spreading species. |
| Cornus sanguinea | Dogwood | 70) Black berries. Peter Gateley. |
| Corylus avellana | Hazel | 96) A few with young catkins. |
| Cotoneaster bullatus? | Hollyberry Cotoneaster? | 114) Garden variety seen before but unidentified. Later Peter Gateley suggested C. bullatus – Stace p233 |
| Crassula helmsii? | New Zealand Pigmyweed? | 29) Lake edge, mat not accessible. |
| Crataegus laevigata | Midland Hawthorn | 20) An odd tree with shallow lobed leaves. |
| Crataegus monogyna | Common Hawthorn | 19) |
| Crepis capillaris | Smooth Hawksbeard | 95) |
| Cynosurus cristatus | Crested Dog’s-tail | 178) Wendy Atkinson. |
| Dactylis glomerata | Cock’s-foot | 105) Dried out. |
| Daucus carota ssp. carota | Wild Carrot | 86) |
| Deschampsia cespitosa | Tufted Hair-grass | 136) Tall with dropping tops, light & airy structure, golden in sunshine. Peter Gateley. |
| Dipsacus fullonum | Wild Teasel | 167) Photo. |
| Dryopteris affinis s.s. | Scaly Male-fern | 53) Many scales on stipe. Impressed veins to tips of pinnules. Eric Greenwood. |
| Dryopteris dilatata | Broad-leaved Buckler-fern | 40) Eric Greenwood. |
| Dryopteris filix-mas | Male-fern | 21) |
| Elytrigia repens | Common Couch | 140) |
| Epilobium ciliatum | American Willowherb | 62) Eric Greenwood. |
| Epilobium tetragonum | Square-stalked Willowherb | 163) Peter Gateley. |
| Epilobium hirsutum | Great Willowherb | 109) |
| Epilobium montanum | Broad-leaved Willowherb | 45) |
| Equisetum arvense | Field Horsetail | 111) |
| Erodium cicutarium | Common Stork’s-bill | 18) By car-park exit. |
| Eupatorium cannabinum | Hemp-agrimony | 103) |
| Fagus purpurea | Copper Beech | 75) In leaf only. |
| Festuca rubra | Red Fescue | 107) Pale & dried out. |
| Filipendula ulmaria | Meadowsweet | 14) In field, mostly in seed. |
| Galium mollugo | Hedge Bedstraw | 84) Peter Gateley. |
| Galium verum | Lady’s Bedstraw | 176) Photo. |
| Geranium molle | Doves-foot Crane’s-bill | 165) Pale flower form. |
| Geranium nodosum | Meadow Crane’s-bill | 181) On side of hillock. |
| Geranium robertianum | Herb-robert | 31) White form. |
| Geum urbanum | Wood Avens | 35) Mostly in seed, a few flowers. |
| Glechoma hederacea | Ground-ivy | 55) Basal leaves. Peter Gateley. |
| Gnaphalium uliginosum | Marsh Cudweed | 118) In bare track. |
| Hedera helix | Ivy | 32) Many flower buds present. |
| Heracleum sphondylium | Hogweed | 5) Most dried out, plus a few umbel flowers. |
| Hieracium vagum | Leafy Hawkweed | 151) Stace p724. Eric Greenwood. |
| Holcus lanatus | Yorkshire-fog | 147) Dried out. |
| Hypericum hirsutum | Hairy St. Johns-wort | 101) Peter Gateley. |
| Hypericum perforatum | Perforate St. John’s-wort | 155) Peter Gateley. |
| Hypochaeris radicata | Cat’s-ear | 100) |
| Ilex aquifolium | Holly | 25) In leaf only. |
| Impatiens glandulifera | Indian Balsam | 50) |
| Juncus acutiforus | Sharp-flowered Rush | 143) In ditch. Eric Greenwood. |
| Juncus inflexus | Hard Rush | 164) |
| Kniphofia uvaria | Red-hot-pokers | 144) Heads withered. Stace p896. Eric Greenwood. |
| Lactuca serriola | Prickly Lettuce | 129) Seen from bird-hide window. |
| Lamium album | White Dead-nettle | 17) |
| Lamium hybridum | Cut-leaved Dead-nettle | 157) |
| Lamium purpureum | Red Deadnettle | 102) Fresh flowers. |
| Lapsana communis | Nipplewort | 81) |
| Lathyrus pratensis | Meadow Vetchling | 133) Peter Gateley. |
| Leontodon saxatalis | Lesser Hawkbit | 162) Grey under ligules. |
| Lepidium didymum | Lesser Swine-cress | 125) Peter Gateley. |
| Leucanthemum vulgare | Oxeye Daisy | 112) |
| Ligustrum vulgare | Wild Privet | 171) Young plant in leaf. |
| Lolium perenne | Perennial Rye-grass | 124) |
| Lonicera periclymenum | Honeysuckle | 76) In flower & berry. |
| Lotus corniculatus | Common Birds-foot-trefoil | 148) |
| Luzula campestris | Field Wood-rush | 175) In leaf only. Peter Gateley. |
| Lythrum salicaria | Purple-loosestrife | 28) Lake edge. |
| Malus pumila var. | Apple var. | 94) Red & pleasant to eat. |
| Malva moschata var. | Musk-mallow var. | 177) Keyed out as Dwarf Mallow but unclear. Basal leaves whole & stem leaves deep splits but not typical. Eric Greenwood later emailed it was a Musk-mallow variant. Check BSBI literature. Photo. |
| Matricaria chamomilla | Scented Mayweed | 119) Small flowers. Peter Gateley. |
| Matricaria discoidea | Pineapple Mayweed | 123) |
| Medicago lupulina | Black Medick | 132) Peter Gateley. |
| Myosotis arvensis | Field Forget-me-not | 54) |
| Odontites vernus | Red Bartsia | 89) |
| Oenothera glazioviana | Large-flowered Evening-primrose | 161) Large flowers, style longer than stamen, red sepals. |
| Persicaria amphibia | Amphibious Bistort | 139) In leaf only. Pater Gateley. |
| Persicaria hydropiper | Water-pepper | 46) Peter Gateley. |
| Persicaria maculosa | Redshank | 145) Black mark in leaf centre. |
| Phalaris arundinacea | Reed Canary-grass | 59) Compact long pale inflorescence. Peter Gateley. |
| Phragmites australis | Common Reed | 26) Lake edge. |
| Pilosella officinarum | Mouse-ear-hawkweed | 166) In leaf only. Peter Gateley. |
| Plantago lanceolata | Ribwort Plantain | 80) |
| Plantago major | Greater Plantain | 88) In seed. |
| Poa annua | Annual Meadow-grass | 8) |
| Poa pratensis | Smooth Meadow-grass | 168) Peter Gateley. |
| Polygonum aviculare | Knotgrass | 126) |
| Polygonum polychnemiforme | Knotgrass | 127) Eric Greenwood, email id from Sell & Murrell book.  Most prostrate with small leaves, but variable. A few prostrate with raised tips. None seen erect. |
| Populus nigra ‘Italica’? | Lombardy Poplar? | 137) No bosses on fissured trunk, branches rising. Eric Greenwood’s suggestion. |
| Populus tremula | Aspen | 130) In leaf. Peter Gateley. |
| Potentilla anglica | Trailing Tormentil | 154) Peter & Eric id. |
| Potentilla reptans | Creeping Cinquefoil | 63) |
| Prunella vulgaris | Selfheal | 44) Flowers seen later in meadow. |
| Prunus padus | Bird Cherry | 22) In leaf. Peter Gateley. |
| Prunus spinosa | Blackthorn | 121) |
| Pulicaria dysenterica | Common Fleabane | 87) |
| Quercus robur | Pendunculate Oak | 34) A few stalked acorns. |
| Quercus rubra | Red Oak | 74) Young trees, id by Eric & Peter. |
| Ranunculus acris | Meadow Buttercup | 16) |
| Ranunculus repens | Creeping Buttercup | 38) A few flowers. |
| Ranunculus sceleratus | Celery-leaved Buttercup | 142) In ditch. Peter Gateley. |
| Rhamnus cathartica | Purging Buckthorn | 158) Stace p279. Peter Gateley. |
| Rhinanthus minor | Yellow-rattle | 91) Dried out seed heads. |
| Ribes rubrum | Red Current | 97) In leaf only. Peter Gateley. |
| Rosa canina | Common Dog-rose | 149) Oval hips with lobed sepals. |
| Rosa rubiginosa | Sweet-briar | 90) Hips oval, glandular-hispid. Eric Greenwood email. |
| Rosa rugosa | Japanese Rose | 150) Red flowers & hips. |
| Rubus ‘fruticosus’ agg. | Brambles | 10) Berries & occasional flowers. |
| Rubus caesius | Dewberry | 73) Eric Greenwood. |
| Rubus idaeus | Raspberry | 72) A few fruits remaining picked by Peter Gateley! |
| Rubus armeniacus | ‘Himalayan Giant’ Bramble | 99) Leaves large & white under. Stace p247. Eric Greenwood. |
| Rumex acetosa | Common Sorrel | 92) Taller than Peter Gateley! |
| Rumex acetosella | Sheep’s Sorrel | 179) Young plants in leaf only. |
| Rumex crispus | Curled Dock | 2) Brown seed heads. |
| Salix caprea | Goat Willow | 52) In leaf. |
| Salix caprea x aurita? | Goat x Eared Willow hybrid? | 49) Small stipules, oblong mottled leaves. Stace p328. |
| Salix caprea x cinerea | Goat x Grey Willow hybrid | 110) Stace p328. Eric Greenwood. |
| Salix cinerea | Grey Willow | 108) In leaf. |
| Salix fragilis | Crack-willow | Peter Gateley email addition. |
| Salix x rubens | Crack-willow hybrid | 30) Stace p323. Eric Greenwood. |
| Salix viminalis | Osier | Peter Gateley email addition. |
| Sambucus nigra | Elder | 24) Ripe black berries. |
| Scorzoneroides autumnalis | Autumn Hawkbit | 156) Eric Greenwood states var. salina was the most common here. Stace p705. |
| Senecio jacobaea | Common Ragwort | 1) |
| Senecio vulgaris | Groundsel | 180) |
| Silene dioica | Red Campion | 6) |
| Sonchus arvensis | Perennial Sow-thistle | 98) |
| Sonchus asper | Prickly Sow-thistle | 120) |
| Sonchus oleraceus | Smooth Sow-thistle | 64) |
| Sorbus aucuparia | Rowan | 115) In berry. |
| Stachys sylvatica | Hedge Woundwort | 23) All in seed. |
| Stellaria graminea | Lesser Stitchwort | 60) In leaf only. Peter Gateley. |
| Stellaria media | Common Chickweed | 67) |
| Taraxacum spp. | Dandelion | 57) Few seen in flower. |
| Taxus baccata | Yew | 85) In leaf only. |
| Torilis japonica | Upright Hedge-parsley | 122) |
| Trifolium hybridum | Alsike Clover | 83) Peter Gateley. |
| Trifolium pratense | Red Clover | 77) |
| Trifolium repens | White Clover | 79) |
| Typha latifolia | Bulrush | 27) Lake edge. |
| Ulex europaeus | Gorse | 146) In seed. |
| Ulex gallii | Western Gorse | 174) In flower. Photo. |
| Ulmus glabra | Wych Elm | 159) Peter & Eric id. |
| Ulmus procera or minor? | Elm sp. | 160) Leaves smaller than U. glabra |
| Urtica dioica | Common Nettle | 3) |
| Urtica urens | Small Nettle | 65) In opposite hedge to 2 barking Alsatians in garden. |
| Veronica chamaedrys | Germander Speedwell | 47) Fresh bed all with galls on top. |
| Veronica filiformis | Slender Speedwell | 135) Peter Gateley. |
| Veronica persica | Common Field-speedwell | 116) |
| Veronica serpyllifolia | Thyme-leaved Speedwell | 48) Fresh flowers. |
| Vicia cracca | Tufted Vetch | 12) In field. |
| Vicia hirsuta | Hairy Tare | 93) 2 seeds in pod. Peter Gateley. |