**LBS Lunt Meadows field-trip 2019 July 6th**

Weather: A shower at 10:30 start, then cloudy until 12:20 when warm sunshine prevailed 22c. Walk until 15:50 covering about 2.5 to 3 miles.

The LBS group of 19 members were led by Julia Simons & Howard Harris.

Those who helped with identifications: Peter Gateley, Eric Greenwood, Julia Simons, Steve Cross, Wendy Atkinson. 164 plant species listed here today by Robert Freeth, plus birds, butterflies & bumble-bees.

N.B. Any page numbers & unexpected Botanical names are from ‘New Flora of the British Isles’ by Clive Stace, 2019 **4th** edition.

|  |  |  |
| --- | --- | --- |
| **Botanical Latin name** | **Common name** | **Order recorded & Comment** |
|  |  | **Reserve Car Park: nos 1 to 18.** |
| **Holcus lanatus** | **Yorkshire-fog** | **1)**  |
| **Epilobium hirsutum** | **Great Willowherb** | **2)**  |
| **Medicago lupulina** | **Black Medick** | **3)**  |
| **Jacobaea vulgaris (formerly Senecio jacobaea)** | **Common Ragwort** | **4) With Cinnabar moth caterpillars. Stace p804.** |
| **Trifolium repens** | **White Clover** | **5)**  |
| **Dactylis glomerata** | **Cock’s-foot** | **6)**  |
| **Trifolium dubium** | **Lesser Trefoil** | **7)**  |
| **Crepis capillaris** | **Smooth Hawks-beard** | **8)** |
| **Heracleum sphondylium** | **Hogweed** | **9)**  |
| **Cirsium arvense** | **Creeping Thistle** | **10)**  |
| **Phragmites australis** | **Common Reed** | **11)**  |
| **Matricaria discoidea** | **Pineappleweed** | **12)**  |
| **Arrhenatherum elatius** | **False Oat-grass** | **13) Common throughout.** |
| **Plantago lanceolata** | **Ribwort Plantain** | **14)**  |
| **Lolium perenne** | **Perennial Rye-grass** | **15)**  |
| **Polygonum aviculare** | **Knotgrass** | **16)**  |
| **Calystegia sepium** | **Hedge Bindweed** | **17)**  |
| **Salix x fragilis (S. euxina x S. alba)** | **Crack Willow** | **18) Stace 4th edition p348.** |
|  |  | **Inside Reserve field with noticeboard: nos 19 to 36.** |
| **Plantago major** | **Greater Plantain** | **19)** |
| **Calystegia sylvatica** | **Large Bindweed** | **20)**  |
| **Equisetum arvense** | **Field Horsetail** | **21)**  |
| **Juncus conglomeratus** | **Compact Rush** | **22)**  |
| **Juncus effusus** | **Soft Rush** | **23)**  |
| **Ervilia hirsuta (formerly Vicia h.)** | **Hairy Tare** | **24)**  |
| **Ervum tetraspermum (formerly Vicia t.)** | **Smooth Tare** | **25)**  |
| **Rumex crispus** | **Curled Dock** | **26)**  |
| **Phleum pratense** | **Timothy** | **27)**  |
| **Poa trivialis**  | **Rough Meadow-grass** | **28) Wendy id.** |
| **Elymus repens** | **Common Couch** | **29)**  |
| **Sonchus asper** | **Prickly Sowthistle** | **30)**  |
| **Hypochaeris radicata** | **Cat’s-ear** | **31)**  |
| **Matricaria chamomilla** | **Scented Mayweed** | **32)**  |
| **Bromus hordeaceus** | **Soft-brome** | **33)**  |
| **Epilobium ciliatum** | **American Willowherb** | **34) Eric id.** |
| **Trifolium campestre** | **Hop Trefoil** | **35)**  |
| **Agrostis gigantea** | **Black Bent** | **36) Eric id.** |
|  |  | **Meadow beyond fence with water pools: nos 37 to 52.** |
| **Agrostis capillaris** | **Common Bent** | **37) Eric Id.** |
| **Vicia sativa** | **Common Vetch** | **38)**  |
| **Juncus articulatus** | **Jointed Rush** | **39) Peter id.** |
| **Gnaphalium uliginosum (formerly Filaginella u.)** | **Marsh Cudweed** | **40) Wendy id.** |
| **Phalaris arundinacea** | **Reed Canary-grass** | **41) Photos.** |
| **Glyceria notata** | **Plicate Sweet-grass** | **42) In leaf in water. Eric confirmed id via email. Stace p1044.** |
| **Juncus bufonius** | **Toad Rush** | **43)**  |
| **Rorippa palustris** | **Marsh Yellow-cress** | **44) Peter id. Stace p422.** |
| **Epilobium parviflorum** | **Hoary Willowherb** | **45) Eric Id. Photo.** |
| **Galeopsis tetrahit** | **Common Hemp-nettle** | **46) Peter id. Photos. Stace p660.** |
| **Viola arvensis** | **Field Pansy** | **47)**  |
| **Myosotis arvensis** | **Field Forget-me-not** | **48)**  |
| **Geranium dissectum** | **Cut-leaved Crane’s-bill** | **49)**  |
| **Lythrum salicaria** | **Purple-loosestrife** | **50)**  |
| **Trifolium hybridum** | **Alsike Clover** | **51) Peter id. Coming into flower.** |
| **Stachys palustris** | **Marsh Woundwort** | **52) Stace p655.** |
|  |  | **Back to road track between 2 close gateways: nos 53 to 55.** |
| **Deschampsia cespitosa** | **Tufted Hair-grass** | **53) Peter id.** |
| **Oenanthe crocata** | **Hemlock Water-dropwort** | **54)**  |
| **Lathyrus pratensis** | **Meadow Vetchling** | **55)**  |
|  |  | **Beyond 2nd gate: nos 56 to 60.** |
| **Urtica dioica** | **Common Nettle** | **56)**  |
| **Galium aparine** | **Cleavers** | **57)**  |
| **Calystegia sepium Ssp sepium** | **Hedge Bindweed Ssp sepium** | **58) Glabrous, with pink strips on flower. Stace p600.** |
| **Rubus ulmifolius** | **Himalayan Giant Bramble** | **59) Stace p267.** |
| **Polygonum depressum** | **Equal-leaved Knotgrass** | **60)**  |
|  |  | **Woodland track: nos 60 to 86.** |
| **Geranium robertianum** | **Herb-robert** | **61)**  |
| **Crateagus monogyna** | **Hawthorn** | **62)**  |
| **Rosa canina** | **Dog-rose** | **63)**  |
| **Lapsana communis** | **Nipplewort** | **64)**  |
| **Ranunculus acris** | **Meadow Buttercup** | **65)**  |
| **Alnus glutinosa** | **Alder** | **66)**  |
| **Geranium molle** | **Doves-foot Crane’s-bill** | **67)**  |
| **Taraxacum spp.** | **Dandelion** | **68)**  |
| **Trifolium pratense** | **Red Clover** | **69)**  |
| **Aegopodium podagraria** | **Ground-elder** | **70)**  |
| **Potentilla anserina** | **Silverweed** | **71) In leaf only.** |
| **Potentilla reptans** | **Creeping Cinquefoil** | **72)**  |
| **Salix caprea** | **Goat Willow** | **73)**  |
|  |  | **1] Reed Warbler singing.** |
| **Salix cinerea** | **Grey Willow** | **74) Also a hybrid was mentioned but I was too far behind to hear? I was too busy eating at the time.** |
|  |  | **2] Robin.** |
|  |  | **3] Chiffchaff calls.** |
| **Salix viminalis** | **Osier** | **75)**  |
| **Quercus robur** | **Pedunculate Oak** | **76)**  |
| **Dryopteris filix-mas** | **Male-fern** | **77)**  |
| **Rubus fruticosus agg.** | **Bramble** | **78)**  |
|  |  | **4] Blackbird.** |
| **Ranunculus repens** | **Creeping Buttercup** | **79)**  |
| **Salix purpurea** | **Purple Willow** | **80) Peter id.** |
| **Sambucus nigra** | **Elder** | **81)**  |
| **Hedera hedix** | **Common Ivy** | **82)**  |
| **Epilobium montanum** | **Broad-leaved Willowherb** | **83)**  |
| **Cirsium vulgare** | **Spear Thistle** | **84) + 1 Red-tailed Bumble Bee worker on Spear Thistle.** |
| **Tragopogon pratensis** | **Goat’s-beard** | **85)**  |
| **Fraxinus excelsior** | **Ash** | **86)**  |
|  |  | **Back on road track towards Alt river: nos 87 to 102.** |
| **Armoracia rusticana** | **Horse-radish** | **87)**  |
| **Chamaenerion augustifolium** | **Rosebay Willowherb** | **88)**  |
|  |  | **Lunch at bird hide 12:40.** |
| **Anisantha sterilis** | **Barren Brome** | **89) A sample taken later.** |
| **Avena fatua** | **Wild-oat** | **90) Peter id. Photos.** |
|  |  | **5] 2 Swifts flying.** |
|  |  | **6] Coot.** |
|  |  | **7] Black-headed Gulls.** |
|  |  | **8] Canada Geese.** |
|  |  | **9] Black-tailed godwits. A flock flew in showing white rump, black tail & white trailing wing-bar.** |
|  |  | **10] Lapwing.** |
|  |  | **11] Mallards.** |
|  |  | **12] Morehen.** |
| **Impatiens glandulifera** | **Himalayan Balsam** | **91)**  |
| **Sisymbrium officinale** | **Hedge Mustard** | **92)**  |
|  |  | **Moved on from lunch break at 13:15.** |
|  |  | **+ 1 Painted Lady butterfly.** |
| **Senecio sylvaticus** | **Heath Groundsel** | **93) Peter id.** |
| **Anthriscus sylvestris** | **Cow Parsley** | **94) In seed.** |
| **Vicia cracca** | **Tufted Vetch** | **95)**  |
| **Filipendula ulmaria** | **Meadowsweet** | **96)**  |
| **Iris pseudacorus** | **Yellow Iris** | **97)**  |
| **Lamium album** | **White Dead-nettle** | **98)**  |
| **Poa pratensis** | **Smooth Meadow-grass** | **99)**  |
| **Achillea millefolium** | **Yarrow** | **100) Wendy id.** |
|  |  | **Archaeological Site stand.** |
| **Brassica napus Ssp. oleifera** | **Oil-seed Rape** | **101)**  |
| **Persicaria amphibia** | **Amphibious Bistort** | **102)**  |
|  |  | **Alt river bridge. Turn left up onto river bank path: nos 103 to 112.** |
| **Leucanthemum vulgare** | **Oxeye Daisy** | **103)**  |
| **Trifolium medium** | **Zigzag Clover** | **104) Julia id. Photos.** |
| **Poa annua** | **Annual Meadow-grass** | **105)**  |
| **Tussilago farfara** | **Colt’s-foot** | **106) In leaf.** |
| **Festuca rubra** | **Red Fescue** | **107) Wendy id.** |
| **Cytisus scoparius** | **Broom** | **108) In seed, below bank.** |
| **Salix alba** | **White Willow** | **109) Below bank, id by Eric & Peter.** |
| **Glyceria maxima** | **Reed Sweet-grass** | **110) Eric suggestion, but too far away.** |
| **Conium maculatum** | **Hemlock** | **111) In seed, by river. Peter id.** |
| **Schedonorus arundinaceus** | **Tall Fescue** | **112) Peter confirmed id.** |
|  |  | **13] Grey Heron.** |
|  |  | **14] Cormorant.** |
|  |  | **15] Greylag Geese.** |
|  |  | **16] Oystercatcher calls, seen later.** |
|  |  | **Pump station water channel: nos 113 to 116.** |
| **Potamogeton natans** | **Broad-leaved Pondweed** | **113) Peter id. Stace p889.** |
| **Alisma plantago-aquatica** | **Water-plantain** | **114) Peter id.** |
| **Sparganium erectum** | **Branched Bur-reed** | **115) In leaf only. Peter id.** |
|  |  | **+ 1 Small White butterfly.** |
| **Typha latifolia** | **Bulrush** | **116)**  |
| **Symphytum x uplandicum (S. officinale x S. asperum)** | **Russian Comfrey** | **117) By gate. Peter id. Stace p590** |
|  |  | **Through gate on path away from river: nos 118 to 127.** |
| **Cerastium fontanum** | **Common Mouse-ear** | **118)**  |
| **Lotus corniculatus** | **Common Bird’s-foot-trefoil** | **119)**  |
| **Vicia sepium** | **Bush Vetch** | **120)**  |
| **Viburnum opulus** | **Guelder-rose** | **121) Eric id.** |
| **Frangula alnus** | **Alder Buckthorn** | **122) Eric id.** |
|  |  | **Bird Hide.** |
| **Veronica persica** | **Common Field-speedwell** | **123)**  |
| **Capsella bursa-pastoris** | **Shepherd’s-purse** | **124)**  |
| **Convolvulus arvensis** | **Field Bindweed** | **125)**  |
|  |  | **Through gateway turning right.** |
| **Arctium minus** | **Lesser Burdock** | **126) With flower buds.** |
| **Brachypodium sylvaticum** | **False Brome** | **127)**  |
|  |  | **Turn right, along new fenced re-planted area: nos 128 to 147.** |
| **Fumaria officinalis** | **Common Fumitory** | **128) Eric id.** |
|  |  | **+ 1 Gatekeeper butterfly spotted.** |
| **Silene dioica** | **Red Campion** | **129)**  |
| **Cichorium intybus** | **Chicory** | **130) In leaf only, id by Eric & Peter.** |
| **Papaver rhoeas** | **Corn Poppy** | **131) Peter id. Stace p94.** |
| **Persicaria lapathifolia** | **Pale Persicaria** | **132) Eric & Peter id.** |
| **Chenopodium album** | **Fat-hen** | **133) Wendy id.** |
| **Lamium hybridum** | **Cut-leaved Dead-nettle** | **134) Steve id. Photo.** |
| **Fallopia convolvulus** | **Black-bindweed** | **135) Peter id.** |
| **Senecio vulgaris** | **Groundsel** | **136)**  |
| **Stellaria media** | **Common Chickweed** | **137)**  |
| **Spergula arvensis** | **Corn Spurrey** | **138)** |
| **Euphorbia helioscopia** | **Sun Spurge** | **139)**  |
| **Thlaspi arvense** | **Field Penny-cress** | **140) 1 plant with round flat seed-pod with a notch, id by Peter.** |
| **Echium vulgare** | **Viper’s-bugloss** | **141) In leaf only. Peter id.** |
| **Persicaria maculosa** | **Redshank** | **142) Black diamond shape on leaf.** |
| **Lepidium didymum** | **Lesser Swine-cress** | **143) Julia id.** |
| **Glebionis segetum** | **Corn Marigold** | **144) Eric id.** |
| **Silene latifolia** | **White Campion** | **145)**  |
| **Potentilla anglica** | **Trailing Tormentil** | **146) Eric’s id, rather than Creeping Cinquefoil. Both 4 & 5 petals. Perhaps the hybrid between them? Stace 4th edition p273.** |
| **Bromus diandrus** | **Great Brome** | **147) 120cms tall grass with hanging long mostly purple spikelets. Each spikelet with consistently more flowers/seeds 15 to 18 than Barren Brome sample 10 to 12. Including awns each flower/seed 50 to 60mm long, marginally longer than Barren Brome sample. Stace 4th edition p1092.** |
|  |  | **+ 1 Comma butterfly.** |
|  |  | **Return to the track back towards car-park, from next Bird Hide: nos 148 to 152.** |
|  |  | **17] 1 Ringed Plover.** |
|  |  | **18] 1 Grey Wagtail.** |
|  |  | **19] 2 Shelduck.** |
|  |  | **20] 1 Woodpigeon flying.** |
| **Sonchus oleraceus** | **Smooth Sowthistle** | **148)**  |
| **Rumex conglomeratus** | **Clustered Dock** | **149) Steve id.** |
|  |  | **Homer Green Pool.** |
| **Lysimachia vulgaris** | **Yellow Loosestrife** | **150) Flowering head in a panicle rather than a spike. Julia showed green stripes on closed flowers. Photos. Stace p550.** |
| **Odontites vernus** | **Red Bartsia** | **151) Finally seen in flower.** |
| **Lemna minor** | **Common Duckweed** | **152) Eric id. Stace p876.** |
|  |  | **Led over inactive electric fence by Julia into meadow leading onto side of car-park: nos 153 to 160.** |
| **Sorbus aucuparia** | **Rowan** | **153) Young tree.** |
| **Anthoxanthum odoratum** | **Sweet Vernal-grass** | **154)**  |
| **Trisetum flavescens** | **Yellow Oat-grass** | **155) Peter id. Stace p1066** |
| **Cynosurus cristatus** | **Crested Dog’s-tail** | **156) Wendy id.** |
| **Prunella vulgaris** | **Selfheal** | **157)**  |
|  |  | **+ 2 Common Carder Bee workers.** |
|  |  | **+ 2 Meadow Brown butterflies seen.** |
| **Centaurea nigra** | **Common Knapweed** | **158) Finally seen in flower.** |
|  |  | **21] Grey Partridge pair. Peter id.** |
| **Vulpia bromoides** | **Squirreltail Fescue** | **159) Peter id.** |
| **Holcus mollis** | **Creeping Soft-grass** | **160) In leaf only.** |
|  |  |  |
|  |  | **Eric added these later during walk or via email: nos 161 to 164.** |
| **Carex remota** | **Remote Sedge** | **161) Eric id, along Woodland track.** |
| **Carex hirta** | **Hairy Sedge** | **162) Eric id, 1 in grassland.** |
|  |  | **Eric Sample Additions** |
| **Stuckenia pectinate (formerly Potamogeton pectinatus)** | **Fennel Pondweed** | **163) In muddy scrape Eric email id. Stace 4th edition p894.** |
| **Callitriche brutia** | **Pedunculate Water-starwort** | **164) In muddy scrape Eric email id. Stace 4th edition p636.** |