

**HURST PARK 15th and 17th August 2015 - list of species observed along the riverbank
between GARRICK'S AIT - TAGG'S ISLAND**

PLANTS

Acer negundo	near tow path, car park area	Hirschfeldia incana	common
Acer platanoides	young trees	Hypericum perforatum	local
Acer pseudoplatanus	trees & saplings along river bank	Hypericum x inodorum?	Frequent along riverbank
Achillea millefolium	frequent	Hypochaeris radicata	near car park
Aesculus hippocastanum	trees & saplings	Ilex aquifolium	sapling
Agrimonia eupatoria	a few	Impatiens glandulifera	local by riverbank
Alliaria petiolata	scattered	Iris pseudacorus	river bank, local
Allium vineale	a few	Lactuca serriola	near car park
Alnus glutinosa	trees, riverbank	Lamium album	occasional
Anthriscus sylvestris	scattered	Lathyrus pratensis	frequent
Arctium minus	scattered	Ligustrum ovalifolium	sapling on riverbank
Artemisia vulgaris	scattered	Lolium pratense	common
Arum maculatum	few	Lotus corniculatus	occasional
Ballota nigra	fairly frequent	Lycopus europaeus	local
Bellis perennis	scattered	Lythrum salicaria	local
Betula pendula	near tow path, car park area	Malus domestica	small tree
Buddleia davidii	a few	Malva moschata	scarce, by river bank
Calystegia sepium sensu stricto	frequent	Malva sylvestris	occasional
Capsella bursa-pastoris	scarce	Medicago arabica	scattered
Carex sp. (no flower spikes)	river bank	Medicago lupulina	scattered
Centaurea nigra	frequent	Melilotus sp. (no flowers, needs checking)	
Chenopodium album	scattered	Odontites verna	local
Cirsium arvense	scattered	Oenanthe crocata	riverbank, local/frequent
Cirsium vulgare	scattered	Pentaglottis sempervirens	scattered
Convolvulus arvensis	occasional	Persicaria aviculare	frequent
Conyza canadensis	occasional	Persicaria maculosa	local, disturbed ground
Cornus sanguinea	a few by river	Plantago coronopus	frequent
Coronopus didymus	scarce	Plantago lanceolata	frequent
Corylus avellana	river bank near car park	Plantago major	frequent
Crataegus monogyna	young trees	Plantago media	local
Crepis capillaris	scattered	Platanus x hispanica	young tree, river bank
Dactylis glomerata	common	Poa annua	frequent
Endymion x hispanicum	scarce	Populus tremula	trees near car park
Epilobium hirsutum	frequent	Potentilla anserina	frequent
Equisetum arvense	river bank, local	Potentilla reptans	frequent
Euonymus europaeus	small tree	Prunus avium	small tree
Filipendula ulmaria	local	Prunus cerasifera 'pissardi'	sapling
Fraxinus excelsior	trees & saplings	Prunus spinosa	sapling
Galium verum	locally frequent	Quercus cerris	young trees
Geranium molle	occasional	Quercus ilex	young trees & saplings
Geranium pratense	common	Quercus robur	a few
Gleditschia triacanthos	near car park area	Ranunculus acris	?frequent
Hedera helix	local, river bank mainly	Ranunculus repens	?frequent
		Rhamnus catharticus	a few by riverbank

Rosa sp.
Rubus caesius few, river bank
Rubus fruticosus agg. frequent
Rumex hydrolapathum local, riverbank
Rumex obtusifolius local
Rumex sanguineus frequent
Salix 'matsudana' *tortuosa* trees by tow path near car park
Salix cinerea ssp. *oleifolia* occasional
Salix fragilis trees, by & near river bank
Salix viminalis by car park area
Salix x sepulcralis near car park area
Sambucus nigra scattered
Senecio jacobaea occasional
Senecio vulgaris frequent
Sisymbrium officinale scarce
Solanum nigrum on disturbed ground
Solidago canadensis scattered
Tanacetum parthenium scattered
Taraxacum officinale agg. frequent
Taxus baccata small tree river bank
Tilia platyphyllos trees
Tilia x europaea trees
Tragopogon pratensis few
Trifolium pratense frequent
Trifolium repens frequent
Tussilago farfara local
Urtica dioica local
Verbena officinalis common
Veronica serpyllifolia scarce

FUNGI

RUSTS (Uredinales)

Coleosporium tussilaginis on *Tussilago*
Melampsora hypericorum on *H. x inodorum*
Puccinia calcitrapae on *Centaurea nigra*
Puccinia epilobii on *Epilobium hirsutum*
Puccinia punctata on *Galium verum*

POWDERY MILDEWS (Erysiphales)

Blumeria graminis indet. grass
Erysiphe alphitoides *Quercus robur*
Erysiphe cruciferarum *Hirschfeldia incana* (apparently new to Surrey on this host)
Erysiphe flexuosa *Aesculus*
Erysiphe heraclei indet. umbellifer
Erysiphe polygoni *Persicaria aviculare*
Erysiphe trifolii *T. pratense*

Erysiphe trifoliorum *Lathyrus pratensis*
Erysiphe platani *Platanus x hispanica*
Erysiphe polygoni *Persicaria aviculare*
Erysiphe sordida *Plantago major*
Golovinomyces depressus *Arctium minus* mildew
Golovinomyces fischeri *Senecio jacobaea*
Golovinomyces montagnei *Centaurea nigra*
Golovinomyces sordidus *Plantago major*
Phyllactinia fraxini *Fraxinus*
Podosphaera epilobii *Epilobium hirsutum*
Podosphaera erigerontis-canadensis
Taraxacum
Podosphaera pannosa *Rosa* sp.
Podosphaera plantaginis *P. lanceolata*
Sawadea tulasnei *Acer platanoides*

OTHER FUNGI

Drepanopeziza sphaerioides (Marssonina state) on *Salix x sepulcralis*, living stem
Ramularia geranii *Geranium pratense*, leaves (apparently new to Surrey on this host)
Taphrina sadebeckii *Alnus glutinosa*, leaves

GALLS

Mites (Eriophyoidea)

Aceria macrorhyncha *Acer pseudoplatanus*, leaf galls
Aceria heteronyx *Acer platanoides* twig galls
Aceria pseudoplatani *Acer pseudoplatanus*, leaf galls
Eriophyes brevitarsus *Alnus*, leaf galls
Eriophyes fraxinicola *Fraxinus*, flower galls
Eriophyes goniothorax *Crataegus*, leaf galls
Eriophyes ilicis *Quercus ilex*, leaf galls
Eriophyes inangulis *Alnus*, leaf galls
Eriophyes laevis *Alnus*, leaf galls, few
Eriophyes leiosoma *Tilia x europaea* leaf galls
Eriophyes tiliae *T. platyphyllos*, leaf galls

'Homoptera'

Psyllopsis fraxini *Fraxinus*, leaf galls
Trichohermes walkeri *Rhamnus cathartica*, leaf galls

Gall midges (Cecidomyiidae)

Dasineura fraxini *Fraxinus*, leaf galls
Dasineura gleditsiae *Gleditschia*, leaf galls

Gall wasps (Cynipidae)

Andricus aries Quercus robur
Andricus lignicola Quercus robur
Cynips kollari Quercus robur
Neuroterus numismalis Quercus robur
Neuroterus quercus-baccarum Quercus robur
Neuroterus saliens Quercus cerris

Sawfly (Tenthredinidae)

Pontania proxima Salix x sepulcralis (unusual host)

Bacteria

Phytoplasma S. viminalis, S. 'matsudana'
'Tortuosa'

OTHER INSECTS

Apis mellifera
Speckled wood
Harmonia axyridis harlequin
Myzus cerasi curling leaves of Prunus avium

Leaf miners**Moths**

Cameraria ohridella Aesculus, leaf miner
Chrysoesthia sexguttella Chenopodium album blotch mines
Ectoedemia heringiella Quercus ilex leaf mines
Lyonetia clerkella leaf mines in Prunus avium, Malus
Phyllonorycter ?klemanella Alnus, leaf miner

Diptera

Agromyza alnivora Alnus, serpentine leaf mine
Phytomyza lappae Arctium minus
Trypeta artemisiae Artemisia vulgaris, blotch mines
Trypeta zoe Senecio jacobaea

SPIDER

Araneus diadematus

HARVESTMAN

Leiobunum rotundum