

Extension to Hilston Park LWS – to include woodland (Steve Heaton, 23/7/12/2012)

Landowner address:

Site description – Hilston Park Woodland (0.79 ha)

SO445185

The current LWS at Hilston Park is a species rich grassland with species such as *Briza media*, *Danthonia decumbens*, *Neottia ovata*, and *Dactylorhiza fuchsia*. The proposed extension is the adjoining woodland.

The woodland has a stream running its length and some ponds the woodland slopes down a valley towards the northwest there are steep rocky areas stream gullies and level areas all adding to the ground flora diversity. The majority of the canopy is made up of *Fraxinus excelsior* other tree species including *Alnus glutinosa*, *Tilia cordata*, *Ulmus glabra* and *Acer pseudoplatanus*. The ground flora is quite dense with abundant *Urtica dioica* and *Rubus fruticosus* other frequent species include *Anemone nemerosa*, *Mercurialis perrenis*, *Ribes uva-crispa*, *Adoxa moschatellina*, *Primula vulgaris* and *Carex sylvatica*.

Throughout the woodland there are several potentially invasive species these are; Japanese Knotweed (*Fallopian japonica*), Cherry Laurel (*Prunus laurocerasus*) Portuguese laurel (*Prunus lusitanica*) and Rhododendron.

The woodland meets LWS criteria because it has 14 well spread indicator species as, streams wet flushes, ponds, sunken lanes, and dry stone walls.

Qualifying Section of LWS guidelines:

H1) Woodlands

Proposed extension area



Site map using phase 1 coding



Species list for woodland with DAFOR

SITE NAME: Hilston park wood		DATE: 23/07/12	
	D		D
Acer campestre (field maple)		Calamagrostis epigejos (Wood reed)	Oenanthe crocata (hmlck water-dropwort)
Acer pseudoplananus (sycamore)	F	Calluna vulgaris (heather)	Orchis mascula (early purple-orchid)
Aesculus hippocastanum (horse chestnut)		Campanula latifolia (Giant Bellflower)	Oxalis acetosella (wood sorrel)
Alnus glutinosa (alder)	F	Campanula patula (spreading bellflower)	Paris quadrifolia (herb-Paris)
Betula pendula (silver birch)		Campanula trachelium(ntl-lvd bellflower)	Plantago lanceolata (ribwort plantain)
Betula pubescences		Cardamine pratensis (cuckoo flower)	Platanthera chlorantha (g butterfly orchid)
Carpinus betula		Carex digitata (fingered sedge)	Poa nemoralis (wood meadow grass)
Castanea sativa (sweet chestnut)		Carex laevigata (smooth-stalked sedge)	Polygonatum multiflorum (solomon's seal)
Corylus avellana (hazel)		Carex pallescens (pale sedge)	Polypodium vulgare
Craetagus monogyna (hawthorn)	F	Carex paniculata	Polystichum aculeatum (hard shield fern)
Fagus sylvatica (beech)		Carex pendula (pendulous sedge)	Polystichum setiferum (soft shield fern)
Fraxinus excelsior (ash)	A	Carex remota (distant sedge)	Potentilla anserina (silverweed)
Larix decidua (larch)		Carex strigosa (thin-spiked wood-sedge)	Potentilla erecta (tormentil)
Ilex aquifolium (holly)	F	Carex sylvatica (wood sedge)	Potentilla reptans (creeping cinquefoil)
Malus sylvestris (crab apple)		Chrysosplenium alternifolium(a-lvd gs)	Potentilla sterilis (barren strawberry)
Pinus sylvestris (Scots Pine)		Chrysosplenium oppositifolium(ot-lvd gs)	Primula vulgaris (primrose)
Populus tremula (aspen)		Circaea lutetiana	Prunella vulgaris (self-heal)
Prunus avium (wild cherry)		Conopodium majus (pignut)	Ranunculus auricomus (gldlks buttercup)
Prunus padus (bird cherry)		Convallaria majalis (lily-of-the-valley)	Ranunculus ficaria (lesser celendine)
Prunus spinosa (blackthorn)		Corydalis claviculata (climbing corydalis)	Ranunculus repens
Quercus petraea (sessile oak)		Danthonia decumbens (heath grass)	Rumex acetosa (common sorrel)
Quercus robur (pendunculate oak)		Daphne laureola (spurge laurel)	Sanicula europaea (sanicle)
Rhamnus catharticus (buckthorn)		Daphne mezereon (mezeron)	Scirpus sylvaticus (wood club-rush)
Salix cinerea		Deschampsia caespitosa (tftd hair grass)	Scrophularia nodosa (figwort)
Salix caprea		Deshampsia flexuosa (wavy hair grass)	Sedum telephium (orphine)
Sorbus aria (whitebeam)		Dryopteris aemula(hay-scented bcklr fern)	Solidago virgaurea (goldenrod)
Sorbus aucupaia (rowan)		Dryopteris affinis (scaly male fern)	O Silene dioica (red campion)
Sorbus torminalis (wild service)		Dryopteris dilatata	Stachys officinalis (betony)
Taxus baccata (yew)		Dryopteris filix mas	O Stachys sylvatica (hedge woundwort)
Tilia cordata (small-leaved lime)	O	Elymus caninus (bearded couch-grass)	Stellaria holostea (greater stichwort)
Tilia platyphyllos		Epipactis helleborine(b-leaved helleborine)	Stellaria neglecta (greater chickweed)
Ulmus glabra (wych elm)	O	Equisetum sylvaticum (wood horsetail)	Stellaria nemorum (wood stichwort)
		Euonymus europaeus (spindle)	Taraxacum officianle (dandelion)
		Euphorbia amygdaloides (wood spurge)	Vaccinium myrtillus
		Euphorbia serratula (upright spurge)	Valeriana dioica (marsh valerian)
		Festuca gigantea (giant fescue)	Valeriana officinalis (common valerian)
		Filipendula ulmaria (meadowsweet)	Veronica beccabunga (brooklime)
		Fragaria vesca (wild strawberry)	Veronica chamaedrys (gemdr. speedwell)
Cytisus scoparius		Frangula alnus (alder buckthorn)	Veronica hederacea (ivy leaved sppedwell)
Euonymus europaeus (spindle)		Galium apararine (cleaver)	Veronica montana (wood speedwell)
Ilex aquifolium (holly)		Galium odoratum (sweet woodruff)	Veronica officinalis
Lonicera periclymenum (honeysuckle)		Geranium robertianum (herb robert)	O Vicia sylvatica (wood vetch)
Pteridium aquilinum (bracken)		Geum rivale (water avens)	Viola palustris (marsh violet)
Ribes nigrum (Black current)		Geum urbanum	O Viola reichenbachiana (pale dog violet)
Ribes rubrum (redcurrant)		Glechoma hederacea (ground ivy)	Viola riviniana (common dog violet)
Rosa arvensis (field rose)		Gymnocarpium dryopteris (oak fern)	Walenbergia hederacea
Rosa canina (dog rose)		Helleborous viridis	Rumex sanguineus
Rubus fruticosus (bramble)	A	Heracleum sphondylium (hogweed)	

Sambucus nigra	O	Holcus lanatus (yorkshire fog)		
Thelycrania sanguinea (dogwood)		Holcus mollis (creeping soft grass)		
Ulex europaeus		<i>Hordelymus europeaus (wood barley)</i>		
Vaccinium myrtillus (bilberry)		Hyacinthoides non-scripta (bluebell)		
Viburnum opulus (guelder rose)		Hypericum pulchrum		
Visum album (mistletoe)	O	Hypericum androsaemum (tutsan)		
Ribes uva-crispa	O	Hedera helix (ivy)	F	
		Iris foetidissima (stinking iris)		Other features:
		Lamiastrum galeobdolon (yllw archangel)	F	Hedgebanks
		Lathraea squamaria (toothwort)		Ditches
		Lathyrus linifolius		Ponds
		Lathyrus sylvestris		Active Badger setts
<i>Aconitum napellus (Monkshoods)</i>		Listera ovata (tway-blade orchid)		Wet flushes
Adoxa moschatellina (moshatel)	O	<i>Luzula forsteri (southern woodrush)</i>		Sunken lane
Aegopodium podararia (ground elder)		Luzula pilosa (hairy woodrush)		Veteran trees
Aira praecox (early hair-grass)		Luzula sylvatica (great woodrush)		Dry stone walls
Alliaria petiolata (garlic mustard)	O	Lysimachia nemorum (yellow pimpernel)		
Allium ursinum (ramsons)		Melampyrum pratense (cmn cow-wheat)		
Anemone nemorosa (wood anemone)	F	Melica uniflora (wood mellick)		Invasives
Angelica sylvestris (wild angelica)		<i>Melittis melissophyllum (bastard balm)</i>		Japanese knotweed
Anthoxanthum odoratum (sweet vnl grass)		Mercurialis perennis (dog's mercury)	F	Laurel
Anthriscus sylvestris (cow parsley)		Milium effusum (wood millet)		<i>Lemna minuta</i>
Aquilega vulgaris (columbine)		Moehringia trinervum (3-nerved sandwort)		
Arctium minus	O	<i>Monotropa hypopitis (yellow birds nest)</i>		
Arum maculatum (lords and ladies)		Narcissus pseudonarcissus (wild daffodill)		
Asplenium scolopendrium (hartstnge fern)	O	Neottia nidus-avis (bird's nest orchid)		
Blechnum spicant (hard fern)				
Brachypodium sylvaticum	O	Nettle (Urtica dioica)	F	
Bromus ramosus (hairy brome)				