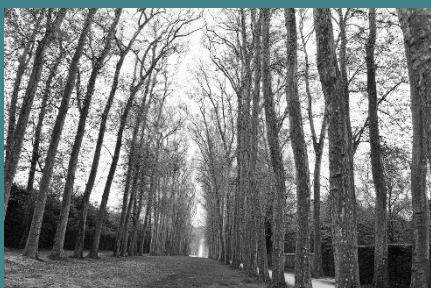


FPCR | environment
& design



Appendix 7.8: Botanical Species lists

Client

Hallam Land Limited

Project

Land East of Knowsley Lane, Knowsley

Date

August 2025

1.0 ONSITE BOTANICAL SPECIES LISTS

Arable Field margins

Common Name	Scientific Name	DAFOR
Common Nettle	<i>Urtica dioica</i>	f
Common Ragwort	<i>Jacobaea vulgaris</i>	r
Creeping Thistle	<i>Cirsium arvense</i>	f
Barren brome	<i>Anisantha sterilis</i>	f
False oat-grass	<i>Arrhenatherum elatius</i>	o
Cock's-foot	<i>Dactylis glomerata</i>	f
Common hogweed	<i>Heracleum sphondylium</i>	o
Cleavers	<i>Galium aparine</i>	o
Greater burdock	<i>Arctium lappa</i>	o
Bracken	<i>Pteridium aquilinum</i>	o
Cow parsley	<i>Anthriscus sylvestris</i>	r
Ground elder	<i>Aegopodium podagraria</i>	o
Common ivy	<i>Hedera helix</i>	o
Raspberry	<i>Rubus idaeus</i>	o

Bracken

Common Name	Scientific Name	DAFOR
Bracken	<i>Pteridium aquilinum</i>	d
Bramble	<i>Rubus fruticosus agg.</i>	o
Common nettle	<i>Urtica dioica</i>	a
-	<i>moss sp.</i>	a
Raspberry	<i>Rubus idaeus</i>	o

Tall Forbs

Common Name	Scientific Name	DAFOR
Broad-leaved Dock	<i>Rumex obtusifolius</i>	r
Common Nettle	<i>Urtica dioica</i>	d
Common Ragwort	<i>Jacobaea vulgaris</i>	o
Creeping Buttercup	<i>Ranunculus repens</i>	f
Cleavers	<i>Galium aparine</i>	d
Cow parsley	<i>Anthriscus sylvestris</i>	lf
Willow sp.	-	r
Great willowherb	<i>Epilobium hirsutum</i>	la
Elder	<i>Sambucus nigra</i>	r
Bramble	<i>Rubus fruticosus agg.</i>	o

Modified Grassland G-1

Common Name	Scientific Name	Ref	g1									
		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	DAFOR
	Bare Ground	40	35	35	40	40	5	10	30	50	40	
White Clover	<i>Trifolium repens</i>							3				r
Broad-leaved Dock	<i>Rumex obtusifolius</i>										3	o
Common Ragwort	<i>Jacobaea vulgaris</i>				2	2						o
Creeping Buttercup	<i>Ranunculus repens</i>							40				
Creeping Thistle	<i>Cirsium arvense</i>											lf
Perennial Rye-grass	<i>Lolium perenne</i>	40	15		60	15		30	50			a
Meadow foxtail	<i>Alopecurus pratensis</i>	20	20				70			30		la
Yorkshire-fog	<i>Holcus lanatus</i>	20	50	60		50	20	40	40	60	90	a
Soft-brome	<i>Bromus hordeaceus</i>											o - la
Cock's-foot	<i>Dactylis glomerata</i>											r
Cow parsley	<i>Anthriscus sylvestris</i>											r
Dandelion	<i>Taraxacum officinale</i> agg.		10				5					r
Common mouse-ear	<i>Cerastium fontanum</i>							3				r
Meadow buttercup	<i>Ranunculus acris</i>											o
		Q1	Q2	Q3	Q4	Q5	Q1	Q2	Q3	Q4	Q5	Average per m2
	GRASSLAND LOW Species/m2	3	4	1	2	3	3	5	2	2	2	3
	Grassland LOW number of Forbs	0	1	0	1	1	1	3	0	0	1	1
	% cover rye-grass & white clover	40	15	0	60	15	0	33	50	0	0	21
	% cover Undesirables	0	0	0	2	2	0	43	0	0	3	5
	% cover grasses	80	85	60	60	65	20	70	90	60	90	68
	% cover wildflowers exc. Undesirables	0	10	0	0	0	5	3	0	0	0	2
	Bare Ground											32.5

Modified Grassland G-2

Type here	Scientific Name	Ref	g2				
		Q1	Q2	Q3	Q4	Q5	DAFOR
	Bare Ground	10	0	5	2	2	
Common Ragwort	<i>Jacobaea vulgaris</i>	3		3		5	r
Creeping Buttercup	<i>Ranunculus repens</i>	30			65	5	La
Creeping Thistle	<i>Cirsium arvense</i>					3	lf in damp areas
Spear Thistle	<i>Cirsium vulgare</i>						r
Perennial Rye-grass	<i>Lolium perenne</i>				5	10	lf
Yorkshire-fog	<i>Holcus lanatus</i>	30	50	40	15	10	f
Meadow foxtail	<i>Alopecurus pratensis</i>			3		10	o
Cock's-foot	<i>Dactylis glomerata</i>						f
Common sedge	<i>Carex nigra</i>						o
Soft-rush	<i>Juncus effusus</i>						o
	moss			20	10		o
Dandelion	<i>Taraxacum officinale agg.</i>	5	10	5	2	5	o
Cat's-ear	<i>Hypochaeris radicata</i>	3	10	30			r
Rosebay willowherb	<i>Chamaenerion angustifolium</i>						lf
Common vetch	<i>Vicia sativa</i>	15		3		1	o
Common fleabane	<i>Pulicaria dysenterica</i>					3	o
Cuckooflower	<i>Cardamine pratensis</i>						o
Hairy bitter-cress	<i>Cardamine hirsuta</i>	2					r
Blackthorn	<i>Prunus spinosa</i>		2				r
Red clover	<i>Trifolium pratense</i>						r
	<i>Willow sp.</i>						o - lf
		Q1	Q2	Q3	Q4	Q5	Average per m2
	GRASSLAND LOW Species/m2	7	4	7	5	9	6
	Grassland LOW number of Forbs	6	3	4	2	6	4
	% cover rye-grass & white clover	0	0	0	5	10	3
	% cover Undesirables	33	0	3	65	13	23
	% cover grasses	30	50	63	30	30	41
	% cover wildflowers exc. Undesirables	25	22	38	2	9	19
	Bare Ground						3.8

Scrub

Common Name	Scientific Name	S-1 Bramble Scrub	S-2 Mixed Scrub	S-3 Blackthorn Scrub	S-4 Hawthorn Scrub	S-5 Mixed Scrub
Bramble	<i>Rubus fruticosus agg.</i>	d		o	lf	f
Blackthorn	<i>Prunus spinosa</i>		o-lf	d		f
Hawthorn	<i>Crataegus monogyna</i>		o		lf	f
Willow sp.	-		f			f
Goat willow	<i>Salix caprea</i>					
Hazel	<i>Corylus avellana</i>					r
Pedunculate oak	<i>Quercus robur</i>	r	r			
Elder	<i>Sambucus nigra</i>	r				
Silver birch	<i>Betula pendula</i>		r			
Creeping thistle	<i>Cirsium arvense</i>	o r				o
Raspberry	<i>Rubus idaeus</i>	lf				
Soft-brome	<i>Bromus hordeaceus</i>	a				
Cow parsley	<i>Anthriscus sylvestris</i>	r			o	
Common nettle	<i>Urtica dioica</i>	lf		f	lf	
Rosebay willowherb	<i>Chamaenerion angustifolium</i>	r				
Great willowherb	<i>Epilobium hirsutum</i>	r				
cleaver	<i>Galium aparine</i>	lf				
Curled dock	<i>Rumex crispus</i>				r	
Common ragwort	<i>Jacobaea vulgaris</i>					

Ponds

Common Name	Scientific Name	P-1	P-4	P-5	P-7	P-8
Aquatic Vegetation					none	none
Frog-bit	<i>Hydrocharis morsus-ranae</i>		lf			
Marginal Vegetation					none	none
Yellow iris	<i>Iris pseudacorus</i>	r	la	lf		
Hemlock water-dropwort	<i>Oenanthe crocata</i>	f	la			
Soft-rush	<i>Juncus effusus</i>		o			
Bank Side Vegetation						
Hemlock water-dropwort	<i>Oenanthe crocata</i>		la	lf		
Rhododendron	<i>Rhododendron ponticum</i>	o	d	d	d	d
Soft-rush	<i>Juncus effusus</i>			r		
Bittersweet	<i>Solanum dulcamara</i>			r		
Remote sedge	<i>Carex remota</i>	o	o			

W-1 Knowles Pit**Woody Species**

Common Name	Scientific Name	Upper canopy	understory	young tree	sapling	Seeding
Sycamore	<i>Acer pseudoplatanus</i>	a			o	r lf
Rhododendron	<i>Rhododendron ponticum</i>		o lf			o
Hawthorn	<i>Crataegus monogyna</i>		r		r	r
Whitebeam	<i>Sorbus anglica</i>			r	r	
hazel	<i>Corylus avellana</i>	r	o f			
Crack-willow	<i>Salix x fragilis</i>	lf		r		
Downy birch	<i>Betula pubescens</i>	o		r		
Alder	<i>Alnus glutinosa</i>	r				
Pedunculate oak	<i>Quercus robur</i>	o f				r
Wild cherry	<i>Prunus avium</i>	r			r	r
rowan	<i>Sorbus aucuparia</i>			o		
ash	<i>Fraxinus excelsior</i>	lo				
Garden privet	<i>Ligustrum ovalifolium</i>		lo			
Goat willow	<i>Salix caprea</i>					
Alder	<i>Alnus glutinosa</i>	r		r		
Grey willow	<i>Salix cinerea</i>			lo		
Bird cherry	<i>Prunus padus</i>		r			
Dogwood	<i>Cornus sanguinea</i>		lf			
Holly	<i>Ilex aquifolium</i>		r		r	r
Turkey oak	<i>Quercus cerris</i>	lo w			r	
Field maple	<i>Acer campestre</i>	r				

Ground Flora

Common Name	Scientific Name	Ground Flora	Ground Flora wet wood
Bramble	<i>Rubus fruticosus agg.</i>	f	
Common nettle	<i>Urtica dioica</i>	r	
Cleavers	<i>Galium aparine</i>	r	
Common ivy	<i>Hedera helix</i>	r lf	
Bracken	<i>Pteridium aquilinum</i>	o lf	
Broad buckler-fern	<i>Dryopteris dilatata</i>	o	
Yellow iris	<i>Iris pseudacorus</i>	r	lf
Remote sedge	<i>Carex remota</i>	lo	o f
Creeping soft-grass	<i>Holcus mollis</i>	f	
Red campion	<i>Silene dioica</i>	r	
Wood dock	<i>Rumex sanguineus</i>	r	o
Bittersweet	<i>Solanum dulcamara</i>	r	o
Hybrid bluebell	<i>Hyacinthoides x massartiana</i>	r	
Hemlock water-dropwort	<i>Oenanthe crocata</i>	lo	f
Creeping buttercup	<i>Ranunculus repens</i>	r	o
Greater plantain	<i>Plantago major</i>	r	
Cock's-foot	<i>Dactylis glomerata</i>	r	
<i>frog bit</i>	<i>Hydrocharis morsus-ranae</i>		lf
Lesser burdock	<i>Arctium minus</i>	r	
Male-fern	<i>Dryopteris filix-mas</i>	r	
Rough meadow-grass	<i>Poa trivialis</i>	r	r
Bluebell	<i>Endymion non-scriptus</i>	r	
Wild angelica	<i>Angelica sylvestris</i>	r	r
Scaly male-fern	<i>Dryopteris affinis</i>	r	
Wavy bitter-cress	<i>Cardamine flexuosa</i>	r	
Foxglove	<i>Digitalis purpurea</i>	r	
Daffodil	<i>native daffodil</i>	r	
Soft-rush	<i>Juncus effusus</i>		r
Wood avens	<i>Geum urbanum</i>	r	
Raspberry	<i>Rubus idaeus</i>	lf	
Garden Solomons seal	<i>Polygonatum multiflorum x odoratum</i>	r	

W-2 Howards Pit**Woody Species**

Common Name	Scientific Name	Upper canopy	understory	young tree	sapling	Seeding
Sycamore	<i>Acer pseudoplatanus</i>	f a		r	o	
Hawthorn	<i>Crataegus monogyna</i>		r			
Turkey oak	<i>Quercus cerris</i>	r				
Pedunculate oak	<i>Quercus robur</i>	f	r			
Rhododendron	<i>Rhododendron ponticum</i>		a - d			
Hazel	<i>Corylus avellana</i>		r			r
Downy birch	<i>Betula pubescens</i>	o		r	r	
Elder	<i>Sambucus nigra</i>		r			
rowan	<i>Sorbus aucuparia</i>			r	r	
holly	<i>Ilex aquifolium</i>		r			
Hybrid black-poplar	<i>Populus x canadensis</i>	r				
Garden privet	<i>Ligustrum ovalifolium</i>		r			
ash	<i>Fraxinus excelsior</i>	r				
Blackthorn	<i>Prunus spinosa</i>		r			
Snowberry	<i>Symphoricarpos albus</i>		r			
Common whitebeam	<i>Sorbus aria</i>			r		

Ground Flora

Common Name	Scientific Name	Ground Flora Dafor
Bramble	<i>Rubus fruticosus agg.</i>	o lf
Red campion	<i>Silene dioica</i>	r
Creeping soft-grass	<i>Holcus mollis</i>	lo
Cow parsley	<i>Anthriscus sylvestris</i>	r
Male-fern	<i>Dryopteris filix-mas</i>	o
Broad buckler-fern	<i>Dryopteris dilatata</i>	r
Rough meadow-grass	<i>Poa trivialis</i>	r
Remote sedge	<i>Carex remota</i>	lo
Bluebell	<i>Endymion non-scriptus</i>	lo
Soft-rush	<i>Juncus effusus</i>	r
Enchanter's-nightshade	<i>Circaea lutetiana</i>	r
Wavy bitter-cress	<i>Cardamine flexuosa</i>	r
Common nettle	<i>Urtica dioica</i>	r
Cleavers	<i>Galium aparine</i>	r
Bittersweet	<i>Solanum dulcamara</i>	r
Broad-leaved dock	<i>Rumex obtusifolius</i>	r
Bracken	<i>Pteridium aquilinum</i>	r
Black bryony	<i>Dioscorea communis</i>	r
Great willowherb	<i>Epilobium hirsutum</i>	r
Tufted hair-grass	<i>Deschampsia caespitosa</i>	r

W-3

Woody Species

Common Name	Scientific Name	Upper canopy	understory	young tree	sapling	Seeding	Ground Flora Dafor
Woody Species							
Ash	<i>Fraxinus excelsior</i>	d					
Sycamore	<i>Acer pseudoplatanus</i>	f			f	o	
Hawthorn	<i>Crataegus monogyna</i>			o			
Pedunculate oak	<i>Quercus robur</i>			r	r		
Holly	<i>Ilex aquifolium</i>			r			
Elder	<i>Sambucus nigra</i>			r			
Lime	<i>Tilia x europaea</i>		r				
Ground Flora							
Bramble	<i>Rubus fruticosus agg.</i>						a
Common ivy	<i>Hedera helix</i>						a
Hybrid bluebell	<i>Hyacinthoides x massartiana</i>						a
Common nettle	<i>Urtica dioica</i>						a
Ground elder	<i>Aegopodium podagraria</i>						lf
Green alkanet	<i>Pentaglottis semervirens</i>						o
Herb-robert	<i>Geranium robertianum</i>						r
Cleavers	<i>Galium aparine</i>						r

H-1

Common Name	Scientific Name	Dafor	30m - 1	30m - 2	30m - 3	Veteran standard	Mature standard	Young standard
Hawthorn	<i>Crataegus monogyna</i>	d	y	y	y			
Sycamore	<i>Acer pseudoplatanus</i>	r	y		y			
Elder	<i>Sambucus nigra</i>	f	y	y				
Ash	<i>Fraxinus excelsior</i>	r						
Pedunculate oak	<i>Quercus robur</i>						1	

H-2

Common Name	Scientific Name	Dafor	30m - 1	30m - 2	30m - 3	Veteran standard	Mature standard	Young standard
Hawthorn	<i>Crataegus monogyna</i>	f	y	y	y			
Blackthorn	<i>Prunus spinosa</i>	f						
Hazel	<i>Corylus avellana</i>	f	y					
Cherry laurel	<i>Prunus laurocerasus</i>	r						
Willow leaved cotoneaster	<i>Cotoneaster salicifolius</i> -	r						
Rosa sp	-		y					
Elder	<i>Sambucus nigra</i>	r						
Horse chestnut	<i>Aesculus hippocastanum</i>	r			y			
Wild cherry	<i>Prunus avium</i>	r						
Russian vine	<i>Fallopia baldschuanica</i> -	ld		y				

H-3

Common Name	Scientific Name	Dafor	30m - 1	Veteran standard	Mature standard	Young standard
Hawthorn	<i>Crataegus monogyna</i>	d	y			
Ash	<i>Fraxinus excelsior</i>	r	y			

H-4

Common Name	Scientific Name	Dafor	30m - 1	Veteran standard	Mature standard	Young standard
Hawthorn	<i>Crataegus monogyna</i>	d	y			
Sycamore	<i>Acer pseudoplatanus</i>	r	y		1	2
Common ivy	<i>Hedera helix</i>	f	y			

H-5

Common Name	Scientific Name	Dafor	30m - 1	30m - 2	Veteran standard	Mature standard	Young standard
Hawthorn	<i>Crataegus monogyna</i>	d	y	y			
Elder	<i>Sambucus nigra</i>	r					

H-6

Common Name	Scientific Name	Dafor	30m - 1	Veteran standard	Mature standard	Young standard
Hawthorn	<i>Crataegus monogyna</i>	d	y			
Pedunculate oak	<i>Quercus robur</i>	r	y			
Elder	<i>Sambucus nigra</i>	o	y			
Goat willow	<i>Salix caprea</i>	lf	y		3	
Horse chestnut	<i>Aesculus hippocastanum</i>	r	y			

H-7

Common Name	Scientific Name	Dafor	30m - 1	30m - 2	Veteran standard	Mature standard	Young standard
Hawthorn	<i>Crataegus monogyna</i>	d	y	y			
Ash	<i>Fraxinus excelsior</i>						1

H-8

Common Name	Scientific Name	Dafor	30m - 1	Veteran standard	Mature standard	Young standard
Hawthorn	<i>Crataegus monogyna</i>	f	y			
Sycamore	<i>Acer pseudoplatanus</i>	f	y			

2.0 OFFSITE WOODLAND BOTANICAL SPECIES LISTS**Ash Plantation****Woody Species**

Common Name	Scientific Name	Upper canopy	understory	young tree	sapling	Seeding
Sycamore	<i>Acer pseudoplatanus</i>	a			o	r
Beech	<i>Fagus sylvatica</i>	r lo s				r
Pedunculate oak	<i>Quercus robur</i>	f			r	r
Silver birch	<i>Betula pendula</i>	r				
-	<i>rhododendron</i>		o n f se			
Western hemlock	<i>Tsuga heterophylla</i>	r				
Lodgepole pine	<i>Pinus contorta</i>	lf				
Hybrid larch	<i>Larix x marschlinsii</i>	r				
Hawthorn	<i>Crataegus monogyna</i>		r			
English elm	<i>Ulmus procera</i>			r	r	
Turkey oak	<i>Quercus cerris</i>	r o		r	r	
Lime	<i>Tilia x europaea</i>	r				
Horse chestnut	<i>Aesculus hippocastanum</i>	lf				r
Elder	<i>Sambucus nigra</i>					
Norway maple	<i>Acer platanoides</i>	r			r	
Goat willow	<i>Salix caprea</i>	r				
Hybrid black-poplar	<i>Populus x canadensis</i>	r				
Bird cherry	<i>Prunus padus</i>				r	
Holly	<i>Ilex aquifolium</i>			r	r	
Alder	<i>Alnus glutinosa</i>	r		r		
Rowan	<i>Sorbus aucuparia</i>					
Sweet chestnut	<i>Castanea sativa</i>	lo s				
Downy birch	<i>Betula pubescens</i>	r				

Ground Flora

Common Name	Scientific Name	Ground Flora Dafor	Ground Flora - pine area	Ground Flora - grazed
Bramble	<i>Rubus fruticosus agg.</i>	f a	f	r
Soft-rush	<i>Juncus effusus</i>	r lf	lf	
Broad buckler-fern	<i>Dryopteris dilatata</i>	f	f	
Rough meadow-grass	<i>Poa trivialis</i>	r	o	
Tufted hair-grass	<i>Deschampsia caespitosa</i>	o		r
Remote sedge	<i>Carex remota</i>	f	r	
Creeping soft-grass	<i>Holcus mollis</i>	o	f	o
Yorkshire-fog	<i>Holcus lanatus</i>	r	o	f
Sweet vernal-grass	<i>Anthoxanthum odoratum</i>	r	o	o
Common nettle	<i>Urtica dioica</i>	r		
Red campion	<i>Silene dioica</i>	o r		
Bluebell	<i>Endymion non-scriptus</i>	o s r n		
Cock's-foot	<i>Dactylis glomerata</i>	r		f
Annual meadow-grass	<i>Poa annua</i>			f
Common ragwort	<i>Jacobaea vulgaris</i>	r		
Wood dock	<i>Rumex sanguineus</i>	r		
Soft shield-fern	<i>Polystichum setiferum</i>	r		
Male-fern	<i>Dryopteris filix-mas</i>	lf s		
Hybrid bluebell	<i>Hyacinthoides x massartiana</i>	r n		
common ivy	<i>Hedera helix</i>	o		
Perennial rye-grass	<i>Lolium perenne</i>			f
Common chickweed	<i>Stellaria media</i>			r
Honeysuckle	<i>Lonicera periclymenum</i>	lf s by wall		
Hart's-tongue	<i>Asplenium scolopendrium</i>	r		
Ramsons	<i>Allium ursinum</i>	lf sw		
Scaly male-fern	<i>Dryopteris affinis</i>	r sw		
False brome	<i>Brachypodium sylvaticum</i>	r sw		
Wood stitchwort	<i>Stellaria nemorum</i>	r sw		
Hairy-brome	<i>Bromopsis ramosa</i>	r sw		
Pignut	<i>Conopodium majus</i>	r sw		
Wild angelica	<i>Angelica sylvestris</i>	r sw		
Reed canary-grass	<i>Phalaris arundinacea</i>	r sw		
Lady-fern	<i>Athyrium filix-femina</i>	r s		
Wood-sorrel	<i>Oxalis acetosella</i>	lf s		
Dog's mercury	<i>Mercurialis perennis</i>	lf sw		

Akers Pit**Woody Species**

Common Name	Scientific Name-	Upper canopy	understory	young tree	sapling	Seeding
Pedunculate oak	<i>Quercus robur</i>	o e f w		r		
Sycamore	<i>Acer pseudoplatanus</i>	f		r	r	r
Wild cherry	<i>Prunus avium</i>			r		
rowan	<i>Sorbus aucuparia</i>			r		
hazel	<i>Corylus avellana</i>		f s			
Holly	<i>Ilex aquifolium</i>			r		r
ash	<i>Fraxinus excelsior</i>	o			x	x
Hawthorn	<i>Crataegus monogyna</i>		r			
Wych elm	<i>Ulmus glabra</i>	r			x	
Elder	<i>Sambucus nigra</i>		o		x	
Dog rose	<i>Rosa canina</i>		r			
Grey willow	<i>Salix cinerea</i>			lo w	r	
Swedish whitebeam	<i>Sorbus intermedia</i>			r	r	
Turkey oak	<i>Quercus cerris</i>			r		
Garden privet	<i>Ligustrum ovalifolium</i>		r			
Hornbeam	<i>Carpinus betulus</i>			r		
Alder	<i>Alnus glutinosa</i>	r				
Field maple	<i>Acer campestre</i>				r	
-	-					

Ground Flora

Common Name	Scientific Name-	Ground Flora Dafor
Bramble	<i>Rubus fruticosus agg.</i>	f a
Common ivy	<i>Hedera helix</i>	f
Broad buckler-fern	<i>Dryopteris dilatata</i>	o
Ivy-leaved speedwell	<i>Veronica hederifolia</i>	r
Cleavers	<i>Galium aparine</i>	o
Wilson's honeysuckle	<i>Lonicera nitida</i>	r
Hedge woundwort	<i>Stachys sylvatica</i>	r
Dog's mercury	<i>Mercurialis perennis</i>	o e
Hairy-brome	<i>Bromopsis ramosa</i>	r e
Ramsons	<i>Allium ursinum</i>	lf e
Pendulous sedge	<i>Carex pendula</i>	r
Red currant	<i>Ribes rubrum</i>	o
Perennial rye-grass	<i>Lolium perenne</i>	r
Creeping buttercup	<i>Ranunculus repens</i>	r
Red campion	<i>Silene dioica</i>	o
Rough meadow-grass	<i>Poa trivialis</i>	r
Common nettle	<i>Urtica dioica</i>	o
Remote sedge	<i>Carex remota</i>	f
Wood avens	<i>Geum urbanum</i>	r
Wood dock	<i>Rumex sanguineus</i>	r
Giant fescue	<i>Schedonorus giganteus</i>	r
Tufted hair-grass	<i>Deschampsia caespitosa</i>	lo
Male-fern	<i>Dryopteris filix-mas</i>	r
Enchanter's-nightshade	<i>Circaea lutetiana</i>	r
Garlic mustard	<i>Alliaria petiolata</i>	r
Lesser celandine	<i>Ficaria verna</i>	r
Hemlock water-dropwort	<i>Oenanthe crocata</i>	lo pond
Creeping soft-grass	<i>Holcus mollis</i>	lf w
Honeysuckle	<i>Lonicera periclymenum</i>	lf w
Water avens	<i>Geum rivale</i>	r pond
False brome	<i>Brachypodium sylvaticum</i>	r
Wild angelica	<i>Angelica sylvestris</i>	r
Field-rose	<i>Rosa arvensis</i>	r
Bittersweet	<i>Solanum dulcamara</i>	o pond
Foxglove	<i>Digitalis purpurea</i>	r w
Common hogweed	<i>Heracleum sphondylium</i>	r
Hybrid bluebell	<i>Hyacinthoides x massartiana</i>	r
Bluebell	<i>Endymion non-scriptus</i>	r
Red fescue	<i>Festuca rubra</i>	r

The Roughs**Woody Species**

Common Name	Scientific Name	Upper canopy	understory	young tree	sapling	Seeding
Beech	<i>Fagus sylvatica</i>	r o t o e			r	
Pedunculate oak	<i>Quercus robur</i>	o f				
Elder	<i>Sambucus nigra</i>		r o			
Apple	<i>Malus domestica</i>			r		
Dogwood	<i>Cornus sanguinea</i>		r			
hazel	<i>Corylus avellana</i>		o f w		r	
ash	<i>Fraxinus excelsior</i>	r				
Large-leaved lime	<i>Tilia platyphyllos</i>	l f e river planted		l f		
Field maple	<i>Acer campestre</i>				r	
Silver birch	<i>Betula pendula</i>	f				
rowan	<i>Sorbus aucuparia</i>			r o		x
Red currant	<i>Ribes rubrum</i>		r			
-	<i>rhododendron</i>		l f centre and s			
Sycamore	<i>Acer pseudoplatanus</i>	f				
Wych elm	<i>Ulmus glabra</i>			r	o	
Holly	<i>Ilex aquifolium</i>			r	r	
Wild cherry	<i>Prunus avium</i>				r	
yew	<i>Taxus baccata</i>					r
Downy birch	<i>Betula pubescens</i>	r				
Grey willow	<i>Salix cinerea</i>			r		
Alder	<i>Alnus glutinosa</i>	r				
Crack-willow	<i>Salix x fragilis</i>	r				
Sweet chestnut	<i>Castanea sativa</i>	r				
Hawthorn	<i>Crataegus monogyna</i>		r lo edge			
Goat willow	<i>Salix caprea</i>	r				
Turkey oak	<i>Quercus cerris</i>			r	r	
-	-					
-	-					

Ground Flora

Common Name	Scientific Name	Ground Flora Dafor
common ivy	<i>Hedera helix</i>	f a
Dog's mercury	<i>Mercurialis perennis</i>	o to east
Bramble	<i>Rubus fruticosus</i> agg.	f a
Common hogweed	<i>Heracleum sphondylium</i>	r
Common nettle	<i>Urtica dioica</i>	o
Cow parsley	<i>Anthriscus sylvestris</i>	r
Rough meadow-grass	<i>Poa trivialis</i>	o
Ramsons	<i>Allium ursinum</i>	lf river and east
False brome	<i>Brachypodium sylvaticum</i>	o e
Tufted hair-grass	<i>Deschampsia caespitosa</i>	r o
Cock's-foot	<i>Dactylis glomerata</i>	r
Broad buckler-fern	<i>Dryopteris dilatata</i>	f
Hemlock water-dropwort	<i>Oenanthe crocata</i>	r river
Male-fern	<i>Dryopteris filix-mas</i>	o
Reed canary-grass	<i>Phalaris arundinacea</i>	r
Hedge woundwort	<i>Stachys sylvatica</i>	r e
Scaly male-fern	<i>Dryopteris affinis</i>	r lo ditches
Bluebell	<i>Endymion non-scriptus</i>	lo west
Hart's-tongue	<i>Asplenium scolopendrium</i>	r
Garlic mustard	<i>Alliaria petiolata</i>	r
Lady-fern	<i>Athyrium filix-femina</i>	r river
Enchanter's-nightshade	<i>Circaea lutetiana</i>	r east
Lesser celandine	<i>Ficaria verna</i>	r east
Remote sedge	<i>Carex remota</i>	r lo w
Wood avens	<i>Geum urbanum</i>	r
Wood dock	<i>Rumex sanguineus</i>	r
Bittersweet	<i>Solanum dulcamara</i>	r
Rosebay willowherb	<i>Chamaenerion angustifolium</i>	r
Foxglove	<i>Digitalis purpurea</i>	r
Great willowherb	<i>Epilobium hirsutum</i>	r
False oat-grass	<i>Arrhenatherum elatius</i>	r
Creeping buttercup	<i>Ranunculus repens</i>	r
Wavy bitter-cress	<i>Cardamine flexuosa</i>	r
Bracken	<i>Pteridium aquilinum</i>	la west
Giant fescue	<i>Schedonorus giganteus</i>	r w
Creeping soft-grass	<i>Holcus mollis</i>	o lf w
Raspberry	<i>Rubus idaeus</i>	lf
Soft-rush	<i>Juncus effusus</i>	r
Lesser pond-sedge	<i>Carex acutiformis</i>	lf ditch
Honeysuckle	<i>Lonicera periclymenum</i>	r w
Common reed	<i>Phragmites australis</i>	r ditch

Little Wood**Woody Species**

Common Name	Scientific Name	Upper canopy	understory	young tree	sapling	Seeding
Pedunculate oak	<i>Quercus robur</i>	a f				r
Sycamore	<i>Acer pseudoplatanus</i>	o f			x	x
Hawthorn	<i>Crataegus monogyna</i>					
hazel	<i>Corylus avellana</i>					
Wild cherry	<i>Prunus avium</i>	r		r		
Blackthorn	<i>Prunus spinosa</i>		x			x
Field maple	<i>Acer campestre</i>					
Snowberry	<i>Symphoricarpos albus</i>					
ash	<i>Fraxinus excelsior</i>	r o			x	x
-	<i>rhododendron</i>					
Crack-willow	<i>Salix x fragilis</i>	r				
Wych elm	<i>Ulmus glabra</i>				x	
Rowan	<i>Sorbus aucuparia</i>			x	x	
Turkey oak	<i>Quercus cerris</i>	r				
Lime	<i>Tilia x europaea</i>	r	x			
Sweet chestnut	<i>Castanea sativa</i>	o				
Beech	<i>Fagus sylvatica</i>					
Elder	<i>Sambucus nigra</i>					
Alder	<i>Alnus glutinosa</i>	r				
yew	<i>Taxus baccata</i>					
Norway maple	<i>Acer platanoides</i>				x	
Horse chestnut	<i>Aesculus hippocastanum</i>				x	
Grey willow	<i>Salix cinerea</i>				x	

Ground Flora

Common Name	Scientific Name	Ground Flora Dafor
Bramble	<i>Rubus fruticosus</i> agg.	a
Male-fern	<i>Dryopteris filix-mas</i>	o
Pendulous sedge	<i>Carex pendula</i>	r
common ivy	<i>Hedera helix</i>	f
Herb-robert	<i>Geranium robertianum</i>	r
Common nettle	<i>Urtica dioica</i>	o
Yorkshire-fog	<i>Holcus lanatus</i>	o
Hedge bindweed	<i>Calystegia sepium</i>	r
Cow parsley	<i>Anthriscus sylvestris</i>	r
Rough meadow-grass	<i>Poa trivialis</i>	o
Dandelion	<i>Taraxacum officinale</i> agg.	r
Cleavers	<i>Galium aparine</i>	o
Wood avens	<i>Geum urbanum</i>	o
Ground elder	<i>Aegopodium podagraria</i>	r
Field-rose	<i>Rosa arvensis</i>	r
Broad buckler-fern	<i>Dryopteris dilatata</i>	f
Wood dock	<i>Rumex sanguineus</i>	o
Creeping buttercup	<i>Ranunculus repens</i>	r
Bracken	<i>Pteridium aquilinum</i>	o
Reed canary-grass	<i>Phalaris arundinacea</i>	r
Wood speedwell	<i>Veronica montana</i>	o
Garlic mustard	<i>Alliaria petiolata</i>	o
Moschatel	<i>Adoxa moschatellina</i>	r
Lesser celandine	<i>Ficaria verna</i>	o
Hemlock water-dropwort	<i>Oenanthe crocata</i>	r
Dog's mercury	<i>Mercurialis perennis</i>	lo
Red campion	<i>Silene dioica</i>	o
Hedge woundwort	<i>Stachys sylvatica</i>	r
Remote sedge	<i>Carex remota</i>	f
Meadow buttercup	<i>Ranunculus acris</i>	r
Enchanter's-nightshade	<i>Circaea lutetiana</i>	lo
Ramsons	<i>Allium ursinum</i>	lf
Bluebell	<i>Endymion non-scriptus</i>	o
Hart's-tongue	<i>Asplenium scolopendrium</i>	r
Scaly male-fern	<i>Dryopteris affinis</i>	r
Common hogweed	<i>Heracleum sphondylium</i>	r
Yellow iris	<i>Iris pseudacorus</i>	lf
Common duckweed	<i>Lemna minor</i>	r
Meadow foxtail	<i>Alopecurus pratensis</i>	r
Reed sweet-grass	<i>Glyceria maxima</i>	r
Marsh-marigold	<i>Caltha palustris</i>	r
Raspberry	<i>Rubus idaeus</i>	lf
Rosebay willowherb	<i>Chamaenerion angustifolium</i>	r

Creeping thistle	<i>Cirsium arvense</i>	r
Dog rose	<i>Rosa canina</i>	r
Lesser burdock	<i>Arctium minus</i>	r
Hairy bitter-cress	<i>Cardamine hirsuta</i>	r
Common hemp-nettle	<i>Galeopsis tetrahit</i>	r
Hybrid bluebell	<i>Hyacinthoides x massartiana</i>	r
Wood-sedge	<i>Carex sylvatica</i>	lf
Lords-and-ladies	<i>Arum maculatum</i>	r
False brome	<i>Brachypodium sylvaticum</i>	r
Soft-rush	<i>Juncus effusus</i>	r
Water-plantain	<i>Alisma plantago-aquatica</i>	r
Bittersweet	<i>Solanum dulcamara</i>	r
Meadowsweet	<i>Filipendula ulmaria</i>	r
Great willowherb	<i>Epilobium hirsutum</i>	r
Wood millet	<i>Milium effusum</i>	lo
Cock's-foot	<i>Dactylis glomerata</i>	r
Honeysuckle	<i>Lonicera periclymenum</i>	r
Germander speedwell	<i>Veronica chamaedrys</i>	r
Hairy-brome	<i>Bromopsis ramosa</i>	r
Marsh woundwort	<i>Stachys palustris</i>	r
Water avens	<i>Geum rivale</i>	r
Creeping soft-grass	<i>Holcus mollis</i>	o

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