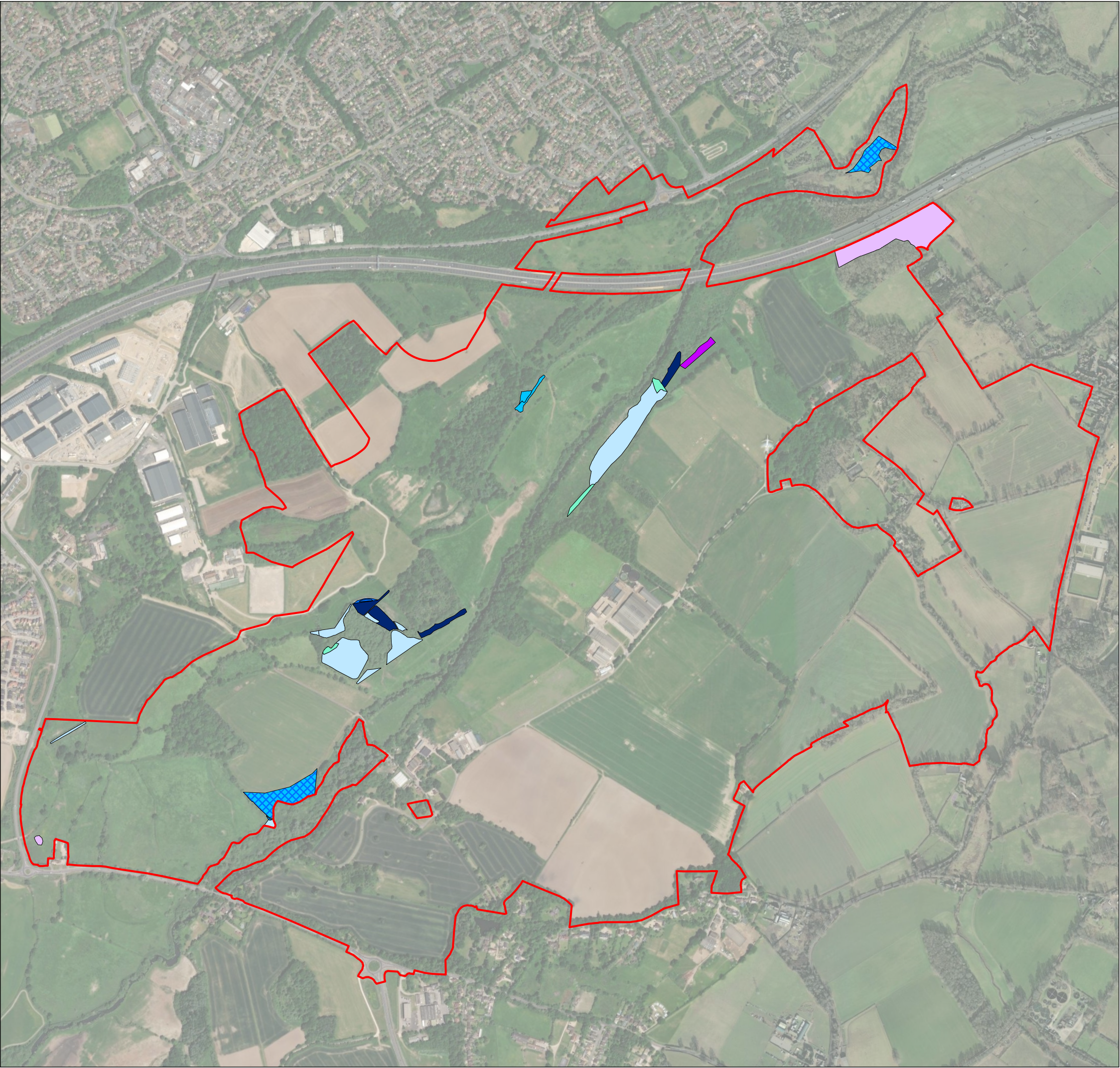




MAP 11.5.6b Mires and Swamps
National Vegetation
Classification (NVC)

KEY

Site boundary

Mires

M23b *Juncus effusus/acetiflorus* – *Galium palustre* rush pasture, *Juncus effusus* subcommunity

Undefined wetland community

Swamps

S4a *Phragmites australis* swamp and reed beds, typical subcommunity

S5 *Glyceria maxima* swamp

S6 *Carex riparia* swamp

S7 *Carex acutiformis* swamp

S19 *Eleocharis palustris* swamp

S26c *Phragmites australis* – *Urtica dioica* tall-herb fen, *Oenanthe crocata* subcommunity

SCALE: 1:11,000 at A3

0 100 200 300 400 500 Metres



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PROJECT: Loddon Garden Village

DATE: 01 August 2025

Y:\Loddon Garden Village, Sheffield 2201\GIS\Planning Application\Technical Appendices\Fora and Veg\Map11.5.6b_MiresSwampsNVC_P2342_3065_010825.aprx

P23/42

Aerial Image: Maxar, Microsoft



MAP 11.5.6c Woodlands and Scrub
National Vegetation
Classification (NVC)

KEY

- Site boundary
- W6a *Alnus glutinosa* – *Urtica dioica* woodland – typical subcommunity
- W6b *Alnus glutinosa* – *Urtica dioica* woodland – *Salix fragilis* subcommunity
- W8a *Fraxinus excelsior* – *Acer campestre* – *Mercurialis perennis* woodland – typical subcommunity
- W10 *Quercus robur* – *Pteridium aquilinum* woodland
- W21 *Crataegus monogyna* – *Hedera helix* scrub
- W22 *Prunus spinosa* – *Rubus fruticosus* scrub
- W24 *Rubus fruticosus* – *Holcus lanatus* underscrub
- Undefined woodland community

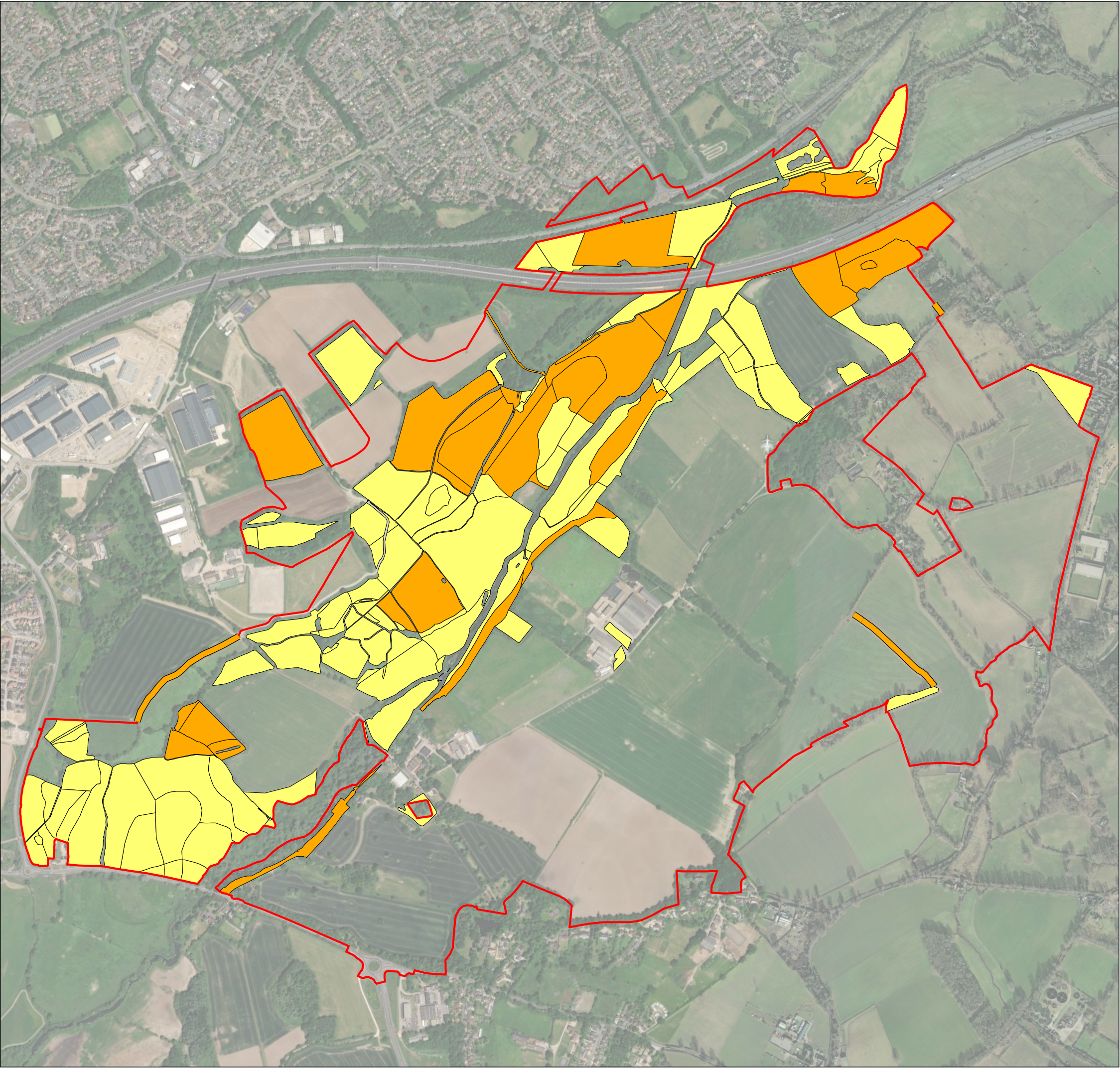
SCALE: 1:11,000 at A3
0 100 200 300 400 500 Metres



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MAP 11.5.7 Important Ecological Features

KEY

Site boundary

County importance for flora/vegetation

Local importance for flora/vegetation

SCALE: 1:11,000 at A3

0 100 200 300 400 500 Metres



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Annex 1

Habitat quality indicator species recorded from the Site

Tables **A1.1 to A1.3** list the habitat quality indicators recorded across the Site from the following lists, along with notes on their frequency and distribution:

- Indicators of Ancient Woodland, Table 2: Ancient Woodland Vascular Plants in central-southern England (Rose, 1999);
- UKHab g3a Lowland meadows: Indicator species list (UKHab, 2023);
- Table 8 of the TVERC/BMERC LWS Selection Criteria (2024): Indicator and typical species of lowland meadows;
- Table 10 of the TVERC/BMERC LWS Selection Criteria (2024): Typical species of lowland fens; and
- Table 13 of the TVERC/BMERC LWS Selection Criteria (2024): Woodland indicator species lists.

This data is used to inform the identification and evaluation of the habitats and vegetation communities present at the Site.

Table A1.1: Indicators of habitat quality recorded from the Site: Lowland Meadow

Species	UKHab 2023	TVERC 2024	Frequency/Distribution at Site
Bugle <i>Ajuga reptans</i>	Indicator		Recorded from IV18 St John's Copse only. Not recorded from grasslands.
Pyramid Orchid <i>Anacamptis pyramidalis</i>	Indicator		Locally occasional. Scattered individuals recorded from small area at western end of grassland parcel NM03
Wood anemone <i>Anemone nemorosa</i>	Indicator		Present in woodlands HF59 and IV18. Not recorded from grasslands.
Sweet Vernal Grass <i>Anthoxanthum odoratum</i>		Typical	Rare. Recorded from grassland EV23a and woodlands IV17 and IV31.
Marsh Marigold <i>Caltha palustris</i>	Indicator	Indicator	Rare. Small population in riparian grassland parcel EV17 only.
Cuckooflower <i>Cardamine pratensis</i>		Typical	Occasional in several floodplain grasslands west of the Loddon, the grassland/rush pasture at HF56 and HF57.
Brown Sedge <i>Carex disticha</i>		Indicator	Rare. Scattered individuals in grassland EV32 only.
Common Knapweed <i>Centaurea nigra</i>	Indicator	Typical	Recorded in three locations: reseeded grassland at EV04/EV04a (frequent) HF57 rush pasture (occasional) and NM03 grassland (rare).
Pignut <i>Conopodium majus</i>	Indicator		Present in woodlands HF05 and HF59. Not recorded from grasslands.
Meadowsweet <i>Filipendula ulmaria</i>	Indicator		Frequent in rank ungrazed floodplain communities and ditches across the site.
Snake's-head Fritillary		Indicator	Rare. Single individual recorded in grassland EV32.

Species	UKHab 2023	TVERC 2024	Frequency/Distribution at Site
<i>Fritillaria meleagris</i>			
Marsh Bedstraw <i>Galium palustre</i>	Indicator	Typical	Occasional in floodplain grasslands and wet woodland rides across the site.
Meadow Barley <i>Hordeum secalinum</i>		Indicator	Frequent in floodplain grasslands west of the Loddon.
Grass Vetchling <i>Lathyrus nissolia</i>		Indicator	Occasional in HF57 rush pasture only. Not recorded from grasslands.
Meadow Vetchling <i>Lathyrus pratensis</i>	Indicator	Typical	Occasional in rank ungrazed grasslands around the site e.g. EV32, EV53, HF56.
Lesser Hawkbit <i>Leontodon saxatilis</i>		Typical	Abundant in grasslands NM03 and NM03a only, not recorded elsewhere.
Ox-eye Daisy <i>Leucanthemum vulgare</i>	Indicator	Typical	Abundant in grasslands NM03 and NM03a and occasional in reseeded EV04, otherwise not recorded.
Bird's-foot Trefoil <i>Lotus corniculatus</i>	Indicator	Typical	Abundant in grasslands NM03 and NM03a, occasional in EV23a, EV24 and reseeded EV04, otherwise not recorded.
Greater Bird's-foot Trefoil <i>Lotus pedunculatus</i>	Indicator	Typical	Occasional in rank ungrazed grasslands around the site e.g. EV32, HF26, HF48. Abundant in HF57 rush pasture.
Field Woodrush <i>Luzula campestris</i>		Typical	Only recorded from grasslands HF26, NN03 and NM03a.
Ragged Robin <i>Lychnis flos-cuculi</i>	Indicator	Indicator	Only recorded from woodland EV54. Not recorded from grasslands.
Creeping Jenny <i>Lysimachia nummularia</i>		Typical	Only recorded from woodland EV11. Not recorded from grasslands.
Water Mint <i>Mentha aquatica</i>	Indicator		Occasional in rank ungrazed grasslands and wet woodlands across the site.
Tubular Water-dropwort <i>Oenanthe fistulosa</i>		Indicator	Rare. Single population recorded on edge of EV58 grassland.
Meadow Buttercup <i>Ranunculus acris</i>		Typical	Occasional in grasslands across the site, more frequent north of the M4.
Common Sorrel <i>Rumex acetosa</i>		Typical	Occasional in rank ungrazed grasslands across the site.
Autumn Hawkbit <i>Scorzoneroides autumnalis</i>	Indicator	Typical	Rare. Only recorded from grassland EV50.
Lesser Stitchwort <i>Stellaria graminea</i>		Typical	Frequent in grasslands NM03, NM03a and NM07, otherwise rare.
Totals (whole site, grasslands only)	11	14 Typical 5 Indicators	

Table A1.2: Indicators of habitat quality recorded from the Site: Lowland Fen (typical species)

Species	TVERC 2024	Comment
<i>Angelica sylvestris</i> <i>Wild Angelica</i>	✓	Present in riparian vegetation at EV17, EV18 and EV19, grassland at HF26, HF56, HF60, NM06 and NM07c, and rush pasture at HF57.
Fool's Watercress <i>Apium nodiflorum</i>	✓	Present in some of the wider ditches around the site, and the River Loddon.
Marsh Marigold <i>Caltha palustris</i>	✓	Rare. Small population in riparian grassland parcel EV17 only.
Lesser Pond Sedge <i>Carex acutiformis</i>	✓	Locally abundant in wet woodland and swamp vegetation at Rushey Mead.
Greater Pond Sedge <i>Carex riparia</i>	✓	Locally abundant to dominant in areas of wet woodland and swamp on the floodplain alongside Reed Sweet-grass, particularly EV11, EV16, EV19, EV20, EV44 and HF48.
Marsh Thistle <i>Cirsium palustre</i>	✓	Rare. Only recorded from HF57 rush pasture.
Common Spike-Rush <i>Eleocharis palustris</i>	✓	Abundant in scattered localised inundation communities on the floodplain, e.g. EV49, EV50, EV52a.
Hemp Agrimony <i>Eupatoria cannabinum</i>	✓	Rare. Recorded from one location on the bank of the Loddon near Hall Farm
Marsh Bedstraw <i>Galium palustre</i>	✓	Occasional in floodplain grasslands and wet woodland rides across the site.
Flote-grass <i>Glyceria fluitans</i>	✓	Locally dominant along ditches with Rushey Mead only.
Reed Sweet-grass <i>Glyceria maxima</i>	✓	Locally abundant to dominant in riparian habitat and areas of wet woodland and swamp on the floodplain alongside Greater Pond Sedge, particularly EV20, EV44, HF45 and HF61.
Greater Bird's-foot Trefoil <i>Lotus pedunculatus</i>	✓	Occasional in rank ungrazed grasslands around the site e.g. EV32, HF26, HF48. Abundant in HF57 rush pasture.
Ragged Robin <i>Lychnis flos-cuculi</i>	✓	Rare. Only recorded from Rushey Mead woodland EV54.
Purple Loosestrife <i>Lythrum salicaria</i>	✓	Scattered records from rank floodplain grasslands and wet woodlands across the site, frequent along the banks of the Loddon.
Water Mint <i>Mentha aquatica</i>	✓	Occasional in rank ungrazed grasslands and wet woodlands across the site, and along the banks of the Loddon.
Reed Canarygrass <i>Phalaris arundinacea</i>	✓	Occasional component of riparian, wet grassland and swamp communities across the site.
Common Reed <i>Phragmites australis</i>	✓	Locally abundant to dominant in small reedbed and swamp communities at EV19, EV42, HF44, HF45, HF61 and HF62.
Common Club-rush <i>Schoenoplectus lacustris</i>	✓	Several stands within the River Loddon channel.
Branched Bur-reed <i>Sparganium erectum</i>	✓	Present in some of the wider ditches around the site, frequent in the River Loddon
Bulrush <i>Typha latifolia</i>	✓	Present in some of the wider ditches around the site.

Species	TVERC 2024	Comment
Common Valerian <i>Valeriana officinalis</i>	✓	Rare. Only recorded from edge of swamp/scrub communities EV18 and HF62, IV18 St John's Copse, and one location on bank of the Loddon.
Common Vetch <i>Vicia sativa</i>	✓	Frequent in grassland NM07c, otherwise a rare component of the drier grasslands at the site.
Total (whole site)	22	

Table A1.3: Indicators of habitat quality recorded from the Site: Woodland

Species	TVERC 2024	Rose 1999	Distribution at the Site
Field Maple <i>Acer campestre</i>		✓	Common in both semi-natural woodlands and plantations across the Site.
Town-hall Clock <i>Adoxa moschatellina</i>	✓	✓	Present in woodlands around the Site.
Ramsons <i>Allium ursinum</i>	✓	✓	Locally abundant in woodland EV10, also present in woodlands HF05, HF41b and HF42 on the east bank of the Loddon.
Wood Anemone <i>Anemone nemorosa</i>	✓	✓	Locally occasional. Present in PAWI woodlands HF59 Loaders Copse and IV18 St John's Copse.
Hairy Brome <i>Bromopsis ramosa</i>	✓	✓	Rare. Recorded from woodland HF59 Loader's Copse only.
Remote Sedge <i>Carex remota</i>	✓	✓	Common in woodlands across the Site.
Wood Sedge <i>Carex sylvatica</i>	✓	✓	Common in woodlands across the Site.
Carpinus betulus <i>Hornbeam</i>	✓	✓	Rare. Recorded in woodland EV10 only (likely planted)
Pignut <i>Conopodium majus</i>	✓	✓	Present in woodlands HF05 and HF59 Loaders Copse.
Bearded Couch <i>Elymus caninus</i>	✓	✓	Frequent in woodlands EV10 and IV14, occasional in IV18 St John's Copse and HF59 Loaders Copse.
Wood-spurge <i>Euphorbia amygdaloides</i>	✓	✓	Rare. Only recorded from PAWIs HF59 Loaders Copse and IV18 St John's Copse.
Creeping Soft-grass <i>Holcus mollis</i>	✓	✓	Rare. Only recorded from PAWIs HF59 Loaders Copse and IV18 St John's Copse.
Bluebell <i>Hyacinthoides non-scripta</i>	✓	✓	Locally abundant in PAWIs as well as woodlands HF41, HF41b, HF42, HF53 and IV17.
Holly <i>Ilex aquifolium</i>	✓	✓	Common in both semi-natural woodlands and plantations across the Site.
Yellow Pimpernel <i>Lysimachia nemorum</i>	✓	✓	Locally frequent in Rushey Mead, otherwise rare .
Crab Apple <i>Malus sylvestris</i>	✓	✓	Occasional in PAWIs as well as Rushey Mead.

Species	TVERC 2024	Rose 1999	Distribution at the Site
Wood Melic <i>Melica uniflora</i>	✓	✓	Occasional in woodlands HF41 and HF42 and Loader's Copse HF59.
Wood Millet <i>Millium effusum</i>	✓	✓	Rare. Only recorded from PAWIs HF59 Loaders Copse and IV18 St John's Copse.
Three-nerved Sandwort <i>Moehringia trinerva</i>	✓	✓	Rare. Only recorded from PAWI HF59 Loaders Copse.
Wild Daffodil <i>Narcissus pseudonarcissus</i> ssp. <i>pseudonarcissus</i>	✓	✓	Rare. Only recorded from woodland EV10 and woodlands HF05 and HF42 on the east bank of the Loddon.
Wood-sorrel <i>Oxalis acetosella</i>	✓	✓	Rare. Only recorded from PAWI HF59 Loaders Copse.
Wood Meadow-grass <i>Poa nemoralis</i>	✓	✓	Rare. Only recorded from PAWIs HF59 Loaders Copse and IV18 St John's Copse.
Primrose <i>Primula vulgaris</i>	✓	✓	Present in Rushey Mead, plus PAWIs HF59 Loaders Copse and IV18 St John's Copse.
Wild Cherry <i>Prunus avium</i>	✓	✓	Locally frequent in woodlands HF41, HF42 and HF42b on east bank of the Loddon only.
Goldilocks Buttercup <i>Ranunculus auricomus</i>	✓	✓	Rare. Only recorded from PAWI HF59 Loaders Copse.
Giant Fescue <i>Schedonorus giganteus</i>		✓	Occasional in woodlands EV10 and EV11 and Rushey Mead only.
Wild Service Tree <i>Sorbus torminalis</i>	✓	✓	Rare. Recorded from woodlands HF42, IV25 New Covert and IV18 St John's Copse only.
Wych Elm <i>Ulmus glabra</i>		✓	Rare. Recorded from woodlands IV18 St John's Copse and IV25 New Covert only.
Wood Speedwell <i>Veronica montana</i>	✓	✓	Rare. Recorded from PAWIs HF59 Loaders Copse and IV18 St John's Copse only.
Guelder Rose <i>Viburnum opulus</i>	✓	✓	Rare. Recorded from HF59 Loaders Copse only.
Bush Vetch <i>Vicia sepium</i>	✓	✓	Rare. Recorded from woodland HF41b and IV18 St John's Copse only.
Early Dog-violet <i>Viola reichenbachiana</i>	✓	✓	Rare. Recorded in woodlands EV10 and EV39 only.
Totals (whole site, woodlands only)	29	32	

Annex 2

Full Species Lists

Full species data tables for each of the habitat parcels are provided below. These have been split up by broad habitat type (e.g. woodland, grassland) for ease of reference.

The DAFOR scale of relative frequency is used, where D = Dominant, A = Abundant, F = Frequent, O = Occasional and R = Rare. The prefix 'L' is used for 'locally' and 'V' for 'very'. 'P' denotes 'Present', where no record of frequency was recorded.

Woodlands

Table A2.1: Woodlands EV10-EV101

Parcel ID/Species		EV10, EV10a	EV11	EV31	EV39	EV43	EV54	EV56	EV57	EV59	EV101
		Hall Farm Triangle						Rushy Mead			
Trees and Shrubs											
<i>Acer campestre</i>	Maple	LO	LO	P			P	O	O		
<i>Acer platanoides</i>	Norway Maple										F
<i>Aesculus hippocastanum</i>	Horse Chestnut										R
<i>Alnus glutinosa</i>	Alder	O	P		P		LD	LF	LF	P	O
<i>Carpinus betulus</i>	Hornbeam	O									
<i>Cornus sanguinea</i>	Dogwood						P				
<i>Corylus avellana</i>	Hazel	F		P			P	F	F		
<i>Crataegus monogyna</i>	Hawthorn	F	P	P	P		P	F	F	P	O
<i>Fagus sylvatica</i>	Beech	O									
<i>Fraxinus excelsior</i>	Ash	D	P	P	P		P	F	F	P	D
<i>Ilex aquifolium</i>	Holly	F	P	P	P			O	O		
<i>Malus sylvestris</i>	Crab Apple							P			

Parcel ID/Species		EV10, EV10a	EV11	EV31	EV39	EV43	EV54	EV56	EV57	EV59	EV101
		Hall Farm Triangle					Rushy Mead				
<i>Picea sp</i>	Spruce species			P							
<i>Pinus sp</i>	Pine species			P							
<i>Populus sp.</i>	Poplar cultivar						P				
<i>Prunus laurocerasus</i>	Cherry Laurel										R
<i>Prunus spinosa</i>	Blackthorn	P	P	P	P		P	LA	LA	P	
<i>Quercus robur</i>	Pedunculate Oak	O	P	P	D		P	F	F	P	
<i>Rosa canina agg</i>	Dog Rose							O	O		
<i>Salix cinerea cinerea</i>	Grey Willow		D					LA	LA		
<i>Salix x fragilis</i>	Crack Willow		P			D	P	LA	LA		
<i>Salix sp</i>	Willow species						LD	P		P	
<i>Sambucus nigra</i>	Elder			P			P				
<i>Ulex europaeus</i>	Gorse			P							
<i>Ulmus procera</i>	English Elm							O	O		
Grasses											
<i>Agrostis capillaris</i>	Common Bent			P							
<i>Agrostis stolonifera</i>	Creeping Bent			F							
<i>Alopecurus pratensis</i>	Meadow Foxtail			F							
<i>Arrhenatherum elatius</i>	False Oat-grass			P	P			LA	LA		
<i>Brachypodium sylvaticum</i>	False Woodbrome			P				F	F		
<i>Bromus hordeaceus</i>	Soft Brome			P							
<i>Dactylis glomerata</i>	Cocksfoot			P	P		P	LF	LF		
<i>Deschampsia cespitosa</i>	Tufted Hair-grass		O		P			P			
<i>Elymus caninus</i>	Bearded Couch	F		P							
<i>Glyceria fluitans</i>	Flote Grass							LD	LD		
<i>Glyceria maxima</i>	Reed Sweet-grass		R								

Parcel ID/Species		EV10, EV10a	EV11	EV31	EV39	EV43	EV54	EV56	EV57	EV59	EV101
		Hall Farm Triangle					Rushy Mead				
<i>Holcus lanatus</i>	Yorkshire Fog			A			P	LF	LF		
<i>Phalaris arundinacea</i>	Reed Canarygrass		R								
<i>Phleum pratense</i>	Meadow Cat's-tail			P							
<i>Poa trivialis</i>	Rough-stalked Meadow-grass			P			P	P			
<i>Schedonorus giganteus</i>	Giant Fescue	R	P					O	O		
<i>Vulpia bromoides</i>	Squirrel Tailed Fescue			P							
Sedges, Rushes, Ferns, Forbs											
<i>Adoxa moschatellina</i>	Town Hall Clock	F		P							
<i>Alisma plantago-aquatica</i>	Water Plantain		R								
<i>Alliaria petiolata</i>	Hedge Garlic	F						LF	LF		
<i>Allium ursinum</i>	Ramsons	LA									
<i>Anthriscus sylvestris</i>	Cow Parsley	F						F	F		
<i>Arctium lappa</i>	Greater Burdock							O	O		
<i>Arctium minus</i>	Lesser Burdock							O	O		
<i>Arum maculatum</i>	Lords and Ladies	O									
<i>Bryonia dioica</i>	White Bryony							R	R		
<i>Carex acutiformis</i>	Lesser Pond Sedge						P	LA	LA		
<i>Carex otrubae</i>	False Fox Sedge							O	O		
<i>Carex pseudocyperus</i>	Cyperus/Hop Sedge							R	R		
<i>Carex remota</i>	Remote Sedge	F	F	P	P	A		LA	LA		
<i>Carex riparia</i>	Greater Pond Sedge	LF	LD				P			P	
<i>Carex sylvatica</i>	Wood Sedge	O						O	O		
<i>Circaea lutetiana</i>	Enchanter's Nightshade	O	O					O	O		
<i>Cirsium arvense</i>	Creeping Thistle			P			P	O	O		

Parcel ID/Species		EV10, EV10a	EV11	EV31	EV39	EV43	EV54	EV56	EV57	EV59	EV101
		Hall Farm Triangle					Rushy Mead				
<i>Cirsium vulgare</i>	Spear Thistle							R	R		
<i>Cruciata laevipes</i>	Crosswort			P							
<i>Digitalis purpurea</i>	Foxglove	R									
<i>Ficaria verna</i>	Lesser Celandine	O									
<i>Filipendula ulmaria</i>	Meadowsweet		R				P	R	R		
<i>Galium aparine</i>	Cleavers	F		A				LF	LF		
<i>Galium palustre</i>	Common Marsh-bedstraw		R				P	LF	LF		
<i>Geranium robertianum</i>	Herb Robert							O	O		
<i>Geum urbanum</i>	Wood Avens							O	O		
<i>Glechoma hederacea</i>	Ground Ivy	F		A	P	A		LA	LA		F
<i>Hedera helix</i>	Ivy							LF	LF		
<i>Hieracium sp.</i>	Hawkweed species							R	R		
<i>Impatiens glandulifera</i>	Indian Balsam	LO	LO								
<i>Impatiens noli-tangere</i> *	Touch-me-not-Balsam							R	R		
<i>Impatiens parviflora</i>	Small Balsam							R	R		
<i>Iris pseudacorus</i>	Yellow Flag		O				P	LA	LA		
<i>Juncus effusus</i>	Soft Rush			P				P			
<i>Lemna minor</i>	Common Duckweed		LD								
<i>Lychnis flos-cuculi</i>	Ragged-Robin						P				
<i>Lycopus europaeus</i>	Gypsywort		R					F	F		
<i>Lysimachia nemorum</i>	Yellow Pimpernel		R				P	LF	LF		
<i>Lysimachia nummularia</i>	Creeping-Jenny		R								
<i>Lythrum salicaria</i>	Purple-loosestrife		R				P				
<i>Mentha aquatica</i>	Water Mint	LO	LO		P		P	LF	LF		
<i>Mercurialis perennis</i>	Dog's Mercury	A		P				LF	LF		

Parcel ID/Species		EV10, EV10a	EV11	EV31	EV39	EV43	EV54	EV56	EV57	EV59	EV101
		Hall Farm Triangle					Rushy Mead				
<i>Myosotis scorpioides</i>	Water Forget-me-not							LF	LF		
<i>Narcissus pseudonarcissus</i> <i>pseudonarcissus</i>	Wild Daffodil	R									
<i>Oenanthe crocata</i>	Hemlock Water-dropwort		O				P	LA	LA		
<i>Persicaria hydropiper</i>	Water-pepper		O					LF	LF		
<i>Persicaria maculosa</i>	Redshank		R								
<i>Primula vulgaris</i>	Primrose							P			
<i>Pteridium aquilinum</i>	Bracken			P							
<i>Ranunculus repens</i>	Creeping Buttercup		O								
<i>Rubus fruticosus</i> agg.	Blackberry		P	P	P			P		P	F
<i>Rumex obtusifolius</i>	Broad-leaved Dock		O	P			P	LF	LF		
<i>Rumex sanguineus</i>	Wood Dock			P							O
<i>Sonchus arvensis</i>	Perennial Sow-thistle							R	R		
<i>Sonchus oleraceus</i>	Smooth Sow-thistle							R	R		
<i>Stachys sylvatica</i>	Hedge Woundwort							O	O		
<i>Stellaria holostea</i>	Greater Stitchwort							R	R		
<i>Stellaria media</i>	Common Chickweed							R	R		
<i>Symphytum officinale</i>	Comfrey						P	O	O		
<i>Urtica dioica</i>	Stinging Nettle	F	F	A		A	P	A	A	P	D
<i>Vicia cracca</i>	Tufted Vetch							R	R		
<i>Viola reichenbachiana</i>	Early Dog-violet	O			LF						
<i>Viola riviniana</i>	Common Dog-violet						P	R	R		

* recorded by Rob Curtis, Berkshire Biodiversity Officer on 26/06/23. Record not verified by EPR.

Table A2.2. Woodlands HF03-HF42b

[illegible]

Parcel ID/Species		HF03	HF05	HF18	HF24	HF41	HF41a	HF41b	HF42	HF42a	HF42b
				Brick Kiln		Newbury's					
Grasses											
<i>Arrhenatherum elatius</i>	False Oat-grass							O	O		
<i>Brachypodium sylvaticum</i>	False Woodbrome							R	R		
<i>Dactylis glomerata</i>	Cocksfoot							O	O		
<i>Holcus lanatus</i>	Yorkshire Fog					LF		LF	LF		
<i>Melica uniflora</i>	Wood Melic					O			O		
<i>Phragmites australis</i>	Common Reed						VLD				
<i>Poa trivialis</i>	Rough-stalked Meadow-grass					P		LF	F		
Sedges, Rushes, Ferns, Forbs											
<i>Adoxa moschatellina</i>	Town Hall Clock					LF		O	O		
<i>Alliaria petiolata</i>	Hedge Garlic				P			O	O		
<i>Allium ursinum</i>	Ramsons		P					O/LF	O/LF		
<i>Anthriscus sylvestris</i>	Cow Parsley					F	O	F	F		
<i>Arum maculatum</i>	Lords and Ladies	P									
<i>Carex remota</i>	Remote Sedge					O	F	O	O		
<i>Cirsium vulgare</i>	Spear Thistle							R	R		
<i>Conopodium majus</i>	Pignut		P								
<i>Cruciata laevipes</i>	Crosswort					LF	LF				
<i>Digitalis purpurea</i>	Foxglove					O					
<i>Ficaria verna</i>	Lesser Celandine					P		O	O		
<i>Galium aparine</i>	Cleavers		P		P	A	F	A	A		
<i>Geranium robertianum</i>	Herb Robert							O	O		
<i>Geum urbanum</i>	Wood Avens							O	O		
<i>Glechoma hederacea</i>	Ground Ivy	P	P		P	F	F	F	F		
<i>Hedera helix</i>	Ivy				P			A	A		

Parcel ID/Species		HF03	HF05	HF18	HF24	HF41	HF41a	HF41b	HF42	HF42a	HF42b
				Brick Kiln		Newbury's					
<i>Humulus lupulus</i>	Hop						O				
<i>Hyacinthoides non-scripta</i>	Bluebell			P		LF		F	F		
<i>Impatiens glandulifera</i>	Indian Balsam		P			O	A	O	R		P
<i>Lamium album</i>	White Dead-nettle							O	O		
<i>Mercurialis perennis</i>	Dog's Mercury				P		F	F	F		
<i>Narcissus pseudonarcissus</i> <i>pseudonarcissus</i>	Wild Daffodil		P						LO		
<i>Oenanthe crocata</i>	Hemlock Water-dropwort						F	O	F		
<i>Rubus fruticosus</i> agg.	Blackberry	P	P	P	P	F	O	A	A	P	P
<i>Rumex obtusifolius</i>	Broad-leaved Dock			P							
<i>Stachys sylvatica</i>	Hedge Woundwort					O					
<i>Stellaria holostea</i>	Greater Stitchwort	P						O	F		
<i>Stellaria media</i>	Common Chickweed					F		F	A		
<i>Symphytum officinale</i>	Comfrey								O		
<i>Urtica dioica</i>	Stinging Nettle	P	F	A	P	A	A	A	A	P	P
<i>Vicia sepium</i>	Bush Vetch							O			

Table A2.3 Woodlands HF53-SM07

Parcel ID/Species		HF53	HF59	IV14	IV18	IV25	NM05	NM14	SM07
		Loader's Piddle	Loader's Copse		St John's Copse	New Covert			
Trees and Shrubs									
<i>Acer campestre</i>	Maple		F		F	P			F
<i>Acer platanoides</i>	Norway Maple								O
<i>Acer pseudoplatanus</i>	Sycamore	R							

Parcel ID/Species		HF53	HF59	IV14	IV18	IV25	NM05	NM14	SM07
		Loader's Piddle	Loader's Copse		St John's Copse	New Covert			
<i>Aesculus hippocastanum</i>	Horse Chestnut	R			P				
<i>Alnus glutinosa</i>	Alder		LO		LD		D	F	
<i>Betula pendula</i>	Silver Birch					P			R
<i>Betula pubescens</i>	Downy Birch		R						
<i>Cornus sanguinea</i>	Dogwood				P				R
<i>Corylus avellana</i>	Hazel	A	A		F	O	F		O
<i>Crataegus monogyna</i>	Hawthorn	O	O	F	P	O	O	O	F
<i>Fagus sylvatica</i>	Beech					O			
<i>Fraxinus excelsior</i>	Ash	D	D	O	LD	O	F	F	F
<i>Ilex aquifolium</i>	Holly	O	O		F	A			R
<i>Malus sylvestris</i>	Wild or Crab Apple		R		P				
<i>Picea sp</i>	Spruce species				P				
<i>Pinus sp</i>	Pine species					O			
<i>Populus sp.</i>	Poplar cultivar				F				
<i>Populus tremula</i>	Aspen				P				
<i>Prunus laurocerasus</i>	Cherry Laurel		LA		R				
<i>Prunus padus</i>	Bird Cherry								F
<i>Prunus spinosa</i>	Blackthorn			P	P	P		O	
<i>Pseudotsuga menziesii</i>	Douglas Fir				A	O			
<i>Quercus robur</i>	Pedunculate Oak	O	O	D	A	P		O	O
<i>Rhododendron ferrugineum</i>	Rhododendron species				R				
<i>Rosa canina agg</i>	Dog Rose								F
<i>Salix caprea</i>	Goat Willow				P			A	O
<i>Salix cinerea oleifolia</i>	Sallow or Rusty Willow				F	P			
<i>Salix x fragilis</i>	Crack Willow						F		O

Parcel ID/Species		HF53	HF59	IV14	IV18	IV25	NM05	NM14	SM07
		Loader's Piddle	Loader's Copse		St John's Copse	New Covert			
<i>Salix sp</i>	Willow species		R	P	P				
<i>Sambucus nigra</i>	Elder	O			P		O		O
<i>Sorbus torminalis</i>	Wild Service Tree				P	P			
<i>Ulmus glabra</i>	Wych elm				P	P			
<i>Ulmus procera</i>	English Elm	O/LF	O		P				R
<i>Viburnum opulus</i>	Guelder Rose		R						
Grasses									
<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass				P				
<i>Arrhenatherum elatius</i>	False Oat-grass				P				
<i>Brachypodium sylvaticum</i>	False Woodbrome		R	P	P	P			
<i>Bromopsis ramosa</i>	Hairy Brome		R						
<i>Dactylis glomerata</i>	Cocksfoot					P			
<i>Deschampsia cespitosa</i>	Tufted Hair-grass		LO		P				
<i>Elymus caninus</i>	Bearded Couch		O	F					
<i>Holcus lanatus</i>	Yorkshire Fog	LF	O	P	P	P			
<i>Holcus mollis</i>	Creeping Soft-grass		O		P				
<i>Lolium perenne</i>	Perennial Rye-grass				P				
<i>Melica uniflora</i>	Wood Melic		R						
<i>Milium effusum</i>	Wood Millet		R		P				
<i>Poa nemoralis</i>	Wood Meadow-grass		R		P				
<i>Poa trivialis</i>	Rough-stalked Meadow-grass	F	LF	P	P		A		
Sedges, Rushes, Ferns, Forbs									
<i>Adoxa moschatellina</i>	Town Hall Clock	R	O		P				
<i>Ajuga reptans</i>	Bugle		O		P				
<i>Alliaria petiolata</i>	Hedge Garlic	O							

Parcel ID/Species		HF53	HF59	IV14	IV18	IV25	NM05	NM14	SM07
		Loader's Piddle	Loader's Copse		St John's Copse	New Covert			
<i>Allium ursinum</i>	Ramsons						F	O	
<i>Anemone nemorosa</i>	Wood Anemone		R		P				
<i>Angelica sylvestris</i>	Angelica				P				
<i>Anthriscus sylvestris</i>	Cow Parsley	O	O						
<i>Arctium lappa</i>	Greater Burdock	O							
<i>Arctium minus</i>	Lesser Burdock				P				
<i>Artemisia vulgaris</i>	Mugwort				P				
<i>Arum maculatum</i>	Lords and Ladies	O	O		P	P			
<i>Bryonia dioica</i>	White Bryony				P				
<i>Calystegia sepium</i>	Hedge Bindweed				P				
<i>Carex remota</i>	Remote Sedge		F	A	P	P			
<i>Carex riparia</i>	Greater Pond Sedge		LD						
<i>Carex sylvatica</i>	Wood Sedge		O		P				
<i>Chaerophyllum temulum</i>	Rough Chervil		LO						
<i>Circaea lutetiana</i>	Enchanter's Nightshade				P				
<i>Cirsium arvense</i>	Creeping Thistle				P				
<i>Conopodium majus</i>	Pignut		O						
<i>Cruciata laevipes</i>	Crosswort		R						
<i>Digitalis purpurea</i>	Foxglove		O		P				
<i>Dryopteris filix-mas</i>	Male-fern	O	O						R
<i>Euphorbia amygdaloides</i>	Wood spurge		O		P				
<i>Ficaria verna</i>	Lesser Celandine		F		P				
<i>Galeopsis tetrahit</i>	Common Hemp-nettle		LO		P	P			
<i>Galium aparine</i>	Cleavers	A	F		P		A		
<i>Galium palustre</i>	Common Marsh-bedstraw		LO		P				

Parcel ID/Species		HF53	HF59	IV14	IV18	IV25	NM05	NM14	SM07
		Loader's Piddle	Loader's Copse		St John's Copse	New Covert			
<i>Geranium robertianum</i>	Herb Robert				P	O			O
<i>Geranium rotundifolium</i>	Round-leaved Crane's-bill	A	O						
<i>Glechoma hederacea</i>	Ground Ivy	O/LA	F	F	F				
<i>Hedera helix</i>	Ivy	P	P		P	P			F
<i>Heracleum sphondylium</i>	Hogweed				P				
<i>Humulus lupulus</i>	Hop								O
<i>Hyacinthoides non-scripta</i>	Bluebell	F	A		P				
<i>Impatiens glandulifera</i>	Indian Balsam						LF		
<i>Impatiens parviflora</i>	Small Balsam							F	
<i>Iris pseudacorus</i>	Yellow Flag		LO						
<i>Jacobaea vulgaris</i>	Ragwort				P				
<i>Juncus effusus</i>	Soft Rush		LO		P				
<i>Lamium purpureum</i>	Red Dead-nettle					O			
<i>Lonicera periclymenum</i>	Honeysuckle		O		P	P			O
<i>Lysimachia nemorum</i>	Yellow Pimpernel		R						
<i>Mercurialis perennis</i>	Dog's Mercury	A	F		P				
<i>Moehringia trinervia</i>	Three-nerved Sandwort		R		P				
<i>Oenanthe crocata</i>	Hemlock Water-dropwort				P		LF		
<i>Oxalis acetosella</i>	Wood-sorrel		O						
<i>Primula vulgaris</i>	Primrose		O		P				
<i>Pteridium aquilinum</i>	Bracken		O/LA			O			
<i>Ranunculus auricomus</i>	Goldilocks Buttercup		O						
<i>Ranunculus repens</i>	Creeping Buttercup				P				
<i>Ribes rubrum</i>	Red Currant		O						
<i>Rosa arvensis</i>	Field Rose				P				

Parcel ID/Species		HF53	HF59	IV14	IV18	IV25	NM05	NM14	SM07
		Loader's Piddle	Loader's Copse		St John's Copse	New Covert			
<i>Rubus fruticosus</i> agg.	Blackberry	LA	O/LF	A	P	F	A	F	
<i>Rubus idaeus</i>	Raspberry				P				
<i>Rumex obtusifolius</i>	Broad-leaved Dock				P		O		
<i>Rumex sanguineus</i>	Wood Dock	O	O						
<i>Scrophularia nodosa</i>	Figwort		O		P				
<i>Stachys sylvatica</i>	Hedge Woundwort	O	O		P				
<i>Stellaria holostea</i>	Greater Stitchwort		A		F	O			
<i>Stellaria media</i>	Common Chickweed				P				
<i>Symphytum officinale</i>	Comfrey						O		
<i>Tamus communis</i>	Black Bryony	R	R						
<i>Urtica dioica</i>	Stinging Nettle	A	LA	A		P	A	A	
<i>Valeriana officinalis</i>	Common Valerian				P				
<i>Veronica chamaedrys</i>	Germander Speedwell	O							
<i>Veronica montana</i>	Wood Speedwell		O		P				
<i>Vicia sepium</i>	Bush Vetch				P				
<i>Viola riviniana</i>	Common Dog-violet		O						

Wetlands

Table A2.4 Wetlands and ditches

Parcel ID/Species		EV04b	EV16	EV19	EV44	EV49	HF45	HF48	HF57	HF61	Ditches
Trees and Shrubs											
<i>Alnus glutinosa</i>	Alder			R							
<i>Crataegus monogyna</i>	Hawthorn			R							

[illegible]

Parcel ID/Species		EV04b	EV16	EV19	EV44	EV49	HF45	HF48	HF57	HF61	Ditches
<i>Angelica sylvestris</i>	Angelica			O					O		P
<i>Anthriscus sylvestris</i>	Cow Parsley										
<i>Apium nodiflorum</i> (<i>Helosciadium nodiflorum</i>)	Fool's Watercress										P
<i>Arctium lappa</i>	Greater Burdock										
<i>Artemisia vulgaris</i>	Mugwort			F							
<i>Callitriche</i> sp	Star-wort species										P
<i>Caltha palustris</i>	Kingcup										
<i>Calystegia sepium</i>	Hedge Bindweed			F							
<i>Cardamine pratensis</i>	Ladies Smock			R					O		P
<i>Carex hirta</i>	Hairy Sedge	F		O		P		O/LA			P
<i>Carex leporina</i>	Oval Sedge	O						O	R		
<i>Carex otrubae</i>	False Fox Sedge	O							O		
<i>Carex remota</i>	Remote Sedge										P
<i>Carex riparia</i>	Greater Pond Sedge		D	LD	A		A	LD	O	F	P
<i>Centaurea nigra</i>	Black Knapweed	F							O		
<i>Chamaenerion angustifolium</i>	Rosebay Willowherb			R							
<i>Cirsium arvense</i>	Creeping Thistle			O				F	F		
<i>Cirsium palustre</i>	Marsh Thistle								O		
<i>Convolvulus arvensis</i>	Field Bindweed			R							
<i>Cruciata laevipes</i>	Crosswort								R		
<i>Dipsacus fullonum</i>	Teasel			O							
<i>Eleocharis palustris</i>	Common Spike-rush					A					
<i>Ficaria verna</i>	Lesser Celandine			O							
<i>Filipendula ulmaria</i>	Meadowsweet			F/LD					O		
<i>Galium aparine</i>	Cleavers			LA							

Parcel ID/Species		EV04b	EV16	EV19	EV44	EV49	HF45	HF48	HF57	HF61	Ditches
<i>Galium palustre</i>	Common Marsh-bedstraw							O	O		P
<i>Geum urbanum</i>	Wood Avens			R							
<i>Glechoma hederacea</i>	Ground Ivy			F							
<i>Gnaphalium uliginosum</i>	Marsh Cudweed					LF					
<i>Heracleum sphondylium</i>	Hogweed			LF							
<i>Humulus lupulus</i>	Hop										
<i>Impatiens capensis</i>	Orange Balsam						R				P
<i>Impatiens glandulifera</i>	Indian Balsam			P						F	P
<i>Iris pseudacorus</i>	Yellow Flag						O	R	R		
<i>Jacobaea erucifolia</i>	Hoary Ragwort							O	F		
<i>Jacobaea vulgaris</i>	Ragwort							O	O		
<i>Juncus articulatus</i>	Jointed Rush	A				O			F/LD		P
<i>Juncus conglomeratus</i>	Compact Rush	F						A/LD	A		
<i>Juncus effusus</i>	Soft Rush	F			F		R	A/LD	A/LD		P
<i>Juncus inflexus</i>	Hard Rush							F	A		
<i>Lamium purpureum</i>	Red Dead-nettle			R							
<i>Lapsana communis</i>	Nipplewort			R							
<i>Lathyrus nissolia</i>	Grass Vetchling								O		
<i>Lathyrus pratensis</i>	Meadow Vetchling								R		
<i>Lotus pedunculatus</i>	Greater Bird's-foot Trefoil	F						O	A		
<i>Lycopus europaeus</i>	Gypsywort						O	O	O		P
<i>Lysimachia vulgaris</i>	Yellow Loosestrife										P
<i>Lythrum salicaria</i>	Purple-loosestrife						R	R	O		
<i>Malva neglecta</i>	Dwarf Mallow										
<i>Mentha aquatica</i>	Water Mint			O		P	R	F	F	F	P
<i>Oenanthe crocata</i>	Hemlock Water-dropwort			O/LD			O	F/LA	A/LD	F	

Parcel ID/Species		EV04b	EV16	EV19	EV44	EV49	HF45	HF48	HF57	HF61	Ditches
<i>Persicaria hydropiper</i>	Water-pepper					P			O		P
<i>Persicaria maculosa</i>	Redshank			R		P					
<i>Plantago lanceolata</i>	Ribwort Plantain	F							R		
<i>Plantago major</i>	Greater Plantain					P					
<i>Potentilla anserina</i>	Silverweed					P					
<i>Pulicaria dysenterica</i>	Fleabane							A	A	F	
<i>Ranunculus acris</i>	Meadow Buttercup								O		
<i>Ranunculus repens</i>	Creeping Buttercup	F		LF		P			O		P
<i>Rorippa palustris</i>	Marsh Yellow-cress					P					P
<i>Rubus fruticosus</i>	Blackberry		P	R					O		
<i>Rumex acetosa</i>	Common Sorrel								R		
<i>Rumex conglomeratus</i>	Clustered Dock							F	A		
<i>Rumex crispus</i>	Curled Dock								O		
<i>Rumex obtusifolius</i>	Broad-leaved Dock			O				R	R	O	P
<i>Rumex sanguineus</i>	Wood Dock			O					F		P
<i>Senecio vulgaris</i>	Sticky Groundsel										
<i>Stachys palustris</i>	Marsh Woundwort			R				R			
<i>Stellaria graminea</i>	Lesser Stitchwort								O		
<i>Symphytum officinale</i>	Comfrey			F				O	F		
<i>Taraxacum officinale</i> agg.	Dandelion								O		
<i>Trifolium repens</i>	White Clover	F							LO		
<i>Urtica dioica</i>	Stinging Nettle		P	A/LD	F		F	F	O	F	P
<i>Vicia cracca</i>	Tufted Vetch	F		R							

Grasslands

Table A2.5 Grasslands EV01-EV05

Parcel ID/Species		EV01	EV01a	EV01b	EV02	EV02a	EV03	EV04	EV04a	EV04c	EV04d	EV04e	EV05
Grasses													
<i>Agrostis capillaris</i>	Common Bent	O	O		O	O	LO	LA	A				
<i>Agrostis stolonifera</i>	Creeping Bent	D	D	D	D	O	A	A	F	A	A	F	A
<i>Alopecurus geniculatus</i>	Marsh Foxtail	LA	O	D			LF	LO		A	A		O/LF
<i>Alopecurus pratensis</i>	Meadow Foxtail	F	F	A	F	O	F	O	O	O	O		F
<i>Arrhenatherum elatius</i>	False Oat-grass	R	R		R			LA				F	
<i>Bromus hordeaceus</i>	Soft Brome				P								
<i>Cynosurus cristatus</i>	Crested Dog's-tail								O				
<i>Dactylis glomerata</i>	Cocksfoot	O	O		O	O	LF	O				F	
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	LO		O				R		F	F		LF
<i>Elymus repens</i>	Common Couch	O		O	F	O	F	F	F				
<i>Festuca rubra</i>	Red Fescue								O				O
<i>Glyceria maxima</i>	Reed Sweet-grass	VLF		VLF						LO	LO		
<i>Holcus lanatus</i>	Yorkshire Fog	A	F		O	D	R	F	A			A	F
<i>Hordeum murinum</i>	Wall Barley							R					
<i>Hordeum secalinum</i>	Meadow Barley							LF		O	O	O	
<i>Lolium perenne</i>	Perennial Rye-grass	O	O		O		A	O	F/LA				O
<i>Phalaris arundinacea</i>	Reed Canarygrass									LO	LO		
<i>Phleum pratense</i>	Meadow Cat's-tail	R	R	O			O	O				F	
<i>Poa trivialis</i>	Rough-stalked Meadow-grass	R	R	R			O						
Sedges, Rushes, Ferns, Forbs													
<i>Achillea millefolium</i>	Yarrow							O					

Parcel ID/Species		EV01	EV01a	EV01b	EV02	EV02a	EV03	EV04	EV04a	EV04c	EV04d	EV04e	EV05
<i>Capsella bursa-pastoris</i>	Shepherd's Purse						R						
<i>Carex hirta</i>	Hairy Sedge							LA					
<i>Carex riparia</i>	Greater Pond Sedge	VLF		VLF	VLD								
<i>Centaurea nigra</i>	Black Knapweed								F				
<i>Centaurium erythraea</i>	Centuary								R				
<i>Cirsium arvense</i>	Creeping Thistle	O/LD			O/LD	F	F	F	F			F	O
<i>Cirsium vulgare</i>	Spear Thistle							R					
<i>Convolvulus arvensis</i>	Field Bindweed							LF				O	
<i>Helminthotheca echioides</i>	Bristly Oxtongue								O				
<i>Hypericum maculatum</i>	Imperforate St John's-wort								R				
<i>Hypericum perforatum</i>	Perforate St John's-wort							R					
<i>Hypochaeris radicata</i>	Cat's-ear					O		O					
<i>Jacobaea vulgaris</i>	Ragwort					O		R					
<i>Juncus articulatus</i>	Jointed Rush							LF	LF	O			R
<i>Juncus effusus</i>	Soft Rush							LF	LF	O	O		O
<i>Juncus inflexus</i>	Hard Rush							LF	LF				
<i>Leucanthemum vulgare</i>	Ox-eye Daisy								O				
<i>Lotus corniculatus</i>	Bird's-foot Trefoil								O/LF				
<i>Lotus pedunculatus</i>	Greater Bird's-foot Trefoil								O				
<i>Persicaria maculosa</i>	Redshank						LO						
<i>Plantago lanceolata</i>	Ribwort Plantain								F				
<i>Plantago major</i>	Greater Plantain						LO	LA	R				
<i>Potentilla anserina</i>	Silverweed										LA		
<i>Prunella vulgaris</i>	Selfheal								O				

Parcel ID/Species		EV01	EV01a	EV01b	EV02	EV02a	EV03	EV04	EV04a	EV04c	EV04d	EV04e	EV05
<i>Pulicaria dysenterica</i>	Fleabane								O				
<i>Ranunculus acris</i>	Meadow Buttercup							O	O				P
<i>Ranunculus repens</i>	Creeping Buttercup	O		O	O		O/LF	LA	LF			F	A
<i>Rumex conglomeratus</i>	Clustered Dock								O	O	O		O
<i>Rumex crispus</i>	Curled Dock			O	O	O			O			F	
<i>Rumex obtusifolius</i>	Broad-leaved Dock	R	R				O	O					
<i>Rumex sanguineus</i>	Wood Dock				O		R						
<i>Taraxacum officinale agg.</i>	Dandelion				P		O	R					O
<i>Trifolium dubium</i>	Lesser Trefoil								F				
<i>Trifolium pratense</i>	Red Clover								F				
<i>Trifolium repens</i>	White Clover						R	LA	A				F
<i>Urtica dioica</i>	Stinging Nettle				R								
<i>Vicia cracca</i>	Tufted Vetch								R				
<i>Vicia sativa</i>	Common Vetch								O				

Table A2.6 Grasslands EV12a to EV32

Parcel ID/Species		EV12a	EV14	EV17	EV21	EV23	EV23a	EV24	EV25	EV26	EV27	EV28	EV29	EV32
Trees and Shrubs														
<i>Salix sp</i>	Willow species		O	F										
<i>Sambucus nigra</i>	Elder			R										
<i>Ulmus procera</i>	English Elm			R										
Grasses														
<i>Agrostis capillaris</i>	Common Bent				P	F	R	F	LA	O	P	P	P	O
<i>Agrostis stolonifera</i>	Creeping Bent	P	A		A	F	A		LA	F	P		F	
<i>Alopecurus geniculatus</i>	Marsh Foxtail						A/LD		LA	F	LF			

[illegible]

Parcel ID/Species		EV12a	EV14	EV17	EV21	EV23	EV23a	EV24	EV25	EV26	EV27	EV28	EV29	EV32
<i>Arctium lappa</i>	Greater Burdock	O		O										
<i>Arctium minus</i>	Lesser Burdock	O												
<i>Artemisia vulgaris</i>	Mugwort	F	O	LA										
<i>Caltha palustris</i>	Kingcup			R										
<i>Cardamine pratensis</i>	Ladies Smock		O			O		O						P
<i>Carex disticha</i>	Brown Sedge													LO
<i>Carex hirta</i>	Hairy Sedge		F			O	O			A				O
<i>Carex otrubae</i>	False Fox Sedge		O											P
<i>Carex riparia</i>	Greater Pond Sedge			O									P	LA
<i>Cerastium fontanum</i>	Common Mouse-ear					O		O						
<i>Chicorium intybus</i>	Chicory	R												
<i>Cirsium arvense</i>	Creeping Thistle	A	O	O	F	O	O	O/LA		O	P		P	A
<i>Cirsium vulgare</i>	Spear Thistle	A	O			O		R						
<i>Conium maculatum</i>	Hemlock	R												
<i>Convolvulus arvensis</i>	Field Bindweed							LO				F		
<i>Cruciata laevipes</i>	Crosswort													R
<i>Epilobium sp</i>	Willowherb species	O												
<i>Erigeron canadensis</i>	Canadian Fleabane	F												
<i>Ervum tetraspermum</i>	Smooth Tare							R						
<i>Ficaria verna</i>	Lesser Celandine		O	F										
<i>Filipendula ulmaria</i>	Meadowsweet			O										P
<i>Fritillaria meleagaris</i>	Fritillary													R
<i>Galium aparine</i>	Cleavers			F										P
<i>Galium palustre</i>	Common Marsh-bedstraw						R							
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill							R						

[illegible]

Parcel ID/Species		EV12a	EV14	EV17	EV21	EV23	EV23a	EV24	EV25	EV26	EV27	EV28	EV29	EV32
<i>Ranunculus acris</i>	Meadow Buttercup					O		O					P	P
<i>Ranunculus flammula</i>	Lesser Spearwort					R	R							
<i>Ranunculus repens</i>	Creeping Buttercup	O	F	O		O/LF	F			O	O		O	O
<i>Rorippa palustris</i>	Marsh Yellow-cress						O							
<i>Rumex acetosa</i>	Common Sorrel										O			P
<i>Rumex conglomeratus</i>	Clustered Dock		F				O				F			O/LF
<i>Rumex crispus</i>	Curled Dock							O	F					P
<i>Rumex obtusifolius</i>	Broad-leaved Dock	O	O	O			LA		F					P
<i>Rumex sanguineus</i>	Wood Dock							R						
<i>Sison amomum</i>	Stone Parsley	O												
<i>Sonchus arvensis</i>	Perennial Sow-thistle	R												
<i>Stellaria graminea</i>	Lesser Stitchwort		O			R								P
<i>Symphytum officinale</i>	Comfrey			O										F/LA
<i>Taraxacum officinale agg.</i>	Dandelion					O		O			O	O		
<i>Trifolium dubium</i>	Lesser Trefoil					O		O						
<i>Trifolium pratense</i>	Red Clover							R						
<i>Trifolium repens</i>	White Clover					O		F		P	P		P	
<i>Urtica dioica</i>	Stinging Nettle	F	F	A		O/LF	LF	LA						F//LA
<i>Veronica chamaedrys</i>	Germander Speedwell													P
<i>Vicia cracca</i>	Tufted Vetch		F											LF
<i>Vicia sativa</i>	Common Vetch						R	R						

Table A2.7 Grasslands EV33-EV103

Parcel ID/Species	EV33	EV50	EV51	EV52	EV52a	EV53	EV58	EV62	EV102	EV102a	EV103
Trees and Shrubs											

Parcel ID/Species		EV33	EV50	EV51	EV52	EV52a	EV53	EV58	EV62	EV102	EV102a	EV103
<i>Salix sp</i>	Willow species						P					
Grasses												
<i>Agrostis capillaris</i>	Common Bent	P										
<i>Agrostis stolonifera</i>	Creeping Bent	P	D		A	P	P	F	F	F		F
<i>Alopecurus geniculatus</i>	Marsh Foxtail		LF		F	P						
<i>Alopecurus pratensis</i>	Meadow Foxtail	P	F		F	P	P	F	F	F	O	F
<i>Arrhenatherum elatius</i>	False Oat-grass								D			
<i>Bromus hordeaceus</i>	Soft Brome								O			
<i>Dactylis glomerata</i>	Cocksfoot			F			F	O	O	O		F
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	P	O	F	R		F	R				
<i>Festuca rubra</i>	Red Fescue							O				
<i>Holcus lanatus</i>	Yorkshire Fog	F	F	D			D	F	F	F		F
<i>Hordeum secalinum</i>	Meadow Barley	P	O		P							
<i>Lolium perenne</i>	Perennial Rye-grass	F	O		P	P		F		F	F	F
<i>Phleum pratense</i>	Meadow Cat's-tail			P	P	P	P	O				
<i>Poa pratensis</i> agg	Meadow-grass		O									
<i>Poa trivialis</i>	Rough-stalked Meadow-grass	P					P		O		O	
Sedges, Rushes, Ferns, Forbs												
<i>Achillea millefolium</i>	Yarrow								O			
<i>Angelica sylvestris</i>	Angelica										O	
<i>Anthriscus sylvestris</i>	Cow Parsley								F			O
<i>Arctium minus</i>	Lesser Burdock											F
<i>Bidens tripartita</i>	Trifid Bur-marigold		LF		O	F						
<i>Cardamine pratensis</i>	Ladies Smock		O	R			P	O	R			
<i>Carex hirta</i>	Hairy Sedge		O	P	P	P	P					

Parcel ID/Species		EV33	EV50	EV51	EV52	EV52a	EV53	EV58	EV62	EV102	EV102a	EV103
<i>Carex otrubae</i>	False Fox Sedge						P					
<i>Carex riparia</i>	Greater Pond Sedge			P			P					
<i>Carex spicata</i>	Spiked Sedge								R			
<i>Cerastium fontanum</i>	Common Mouse-ear								O			
<i>Cirsium arvense</i>	Creeping Thistle	P		P	O		P	LD	F	O		F
<i>Cirsium vulgare</i>	Spear Thistle						P		F			
<i>Daucus carota</i>	Wild Carrot								O			
<i>Eleocharis palustris</i>	Common Spike-rush		LF			F						
<i>Filipendula ulmaria</i>	Meadowsweet						P					
<i>Galium aparine</i>	Cleavers								F			
<i>Galium palustre</i>	Common Marsh-bedstraw		R				P	O				
<i>Glechoma hederacea</i>	Ground Ivy						P				F	
<i>Gnaphalium uliginosum</i>	Marsh Cudweed		P		O	F						
<i>Heracleum sphondylium</i>	Hogweed								F			
<i>Jacobaea vulgaris</i>	Ragwort								F			
<i>Juncus effusus</i>	Soft Rush			P			R			LF		
<i>Lamium album</i>	White Dead-nettle										O	
<i>Lathyrus pratensis</i>	Meadow Vetchling						P					
<i>Lepidium coronopus</i>	Swine-cress					P						
<i>Lepidium didymum</i>	Lesser Swine-cress					P						
<i>Mentha aquatica</i>	Water Mint			P		P	P					
<i>Oenanthe crocata</i>	Hemlock Water-dropwort			P			P		O			
<i>Oenanthe fistulosa</i>	Tubular Water-dropwort							VLF (2022)				
<i>Persicaria hydropiper</i>	Water-pepper					P						
<i>Persicaria maculosa</i>	Redshank		LA			A						

Parcel ID/Species		EV33	EV50	EV51	EV52	EV52a	EV53	EV58	EV62	EV102	EV102a	EV103
<i>Plantago major</i>	Greater Plantain		LA		F	A						
<i>Potentilla anserina</i>	Silverweed			P	P	P						
<i>Potentilla reptans</i>	Creeping Cinquefoil							O				
<i>Pulicaria dysenterica</i>	Fleabane								O/LF			
<i>Ranunculus acris</i>	Meadow Buttercup						P					
<i>Ranunculus repens</i>	Creeping Buttercup	P	F	P	F	P	P	F	O/LF	LF	F	A
<i>Reynoutria japonica</i>	Japanese Knotweed											R
<i>Rorippa palustris</i>	Marsh Yellow-cress				O	P						
<i>Rumex conglomeratus</i>	Clustered Dock				O				O			
<i>Rumex crispus</i>	Curled Dock						P					
<i>Rumex obtusifolius</i>	Broad-leaved Dock			P			P		F	O	F	F
<i>Rumex sanguineus</i>	Wood Dock										O	
<i>Scorzoneroideis autumnalis</i>	Autumn Hawkbit		R									
<i>Spergularia rubra</i>	Sand Spurrey					O						
<i>Stellaria graminea</i>	Lesser Stitchwort							R				
<i>Symphytum officinale</i>	Comfrey			P			P				O	
<i>Taraxacum officinale agg.</i>	Dandelion									F	O	O
<i>Torilis japonica</i>	Upright Hedge-parsley								F			
<i>Trifolium repens</i>	White Clover	P						P				
<i>Urtica dioica</i>	Stinging Nettle			P			P		F	LO	D	A
<i>Vicia cracca</i>	Tufted Vetch						P					

Table A2.8 Grasslands HF26-IV16[illegible]

Parcel ID/Species		HF26	HF46	HF49	HF50	HF51, HF51a	HF56	HF60	HF74	IV12	IV15	IV16
<i>Cardamine pratensis</i>	Ladies Smock	P					P					
<i>Carex hirta</i>	Hairy Sedge							O			LA	O
<i>Carex leporina</i>	Oval Sedge										R	
<i>Carex otrubae</i>	False Fox Sedge										R	
<i>Carex riparia</i>	Greater Pond Sedge		LF									
<i>Cirsium arvense</i>	Creeping Thistle	F	F	F	O	O	O		P	F	F	A
<i>Cirsium vulgare</i>	Spear Thistle		O						P	F	R	O
<i>Conium maculatum</i>	Hemlock		LO									
<i>Convolvulus arvensis</i>	Field Bindweed								P			P
<i>Crepis capillaris</i>	Smooth Hawk's-beard								P			
<i>Cruciata laevipes</i>	Crosswort						O/LF					
<i>Dipsacus fullonum</i>	Teasel		O	P								
<i>Epilobium hirsutum</i>	Great Willowherb											LF
<i>Erigeron canadensis</i>	Canadian Fleabane									O	R	O
<i>Ficaria verna</i>	Lesser Celandine		O	P								
<i>Filipendula ulmaria</i>	Meadowsweet	P										
<i>Galega officinalis</i>	Goat's Rue											LO
<i>Galium palustre</i>	Common Marsh-bedstraw		O					O				
<i>Glechoma hederacea</i>	Ground Ivy							P				
<i>Helminthotheca echioides</i>	Bristly Oxtongue											O
<i>Heracleum sphondylium</i>	Hogweed		O	P			R					O
<i>Hypochaeris radicata</i>	Cat's-ear					R			P			
<i>Impatiens capensis</i>	Orange Balsam		LO									
<i>Impatiens glandulifera</i>	Indian Balsam		R					P				
<i>Jacobaea erucifolia</i>	Hoary Ragwort						O				O	O

Parcel ID/Species		HF26	HF46	HF49	HF50	HF51, HF51a	HF56	HF60	HF74	IV12	IV15	IV16
<i>Jacobaea vulgaris</i>	Ragwort	F					F		P	F		
<i>Juncus articulatus</i>	Jointed Rush					R/VLF	A					
<i>Juncus conglomeratus</i>	Compact Rush					O	O				O/LF	LO
<i>Juncus effusus</i>	Soft Rush	P	O	O		O/LF					D	LO
<i>Juncus inflexus</i>	Hard Rush				LO	O						LO
<i>Lathyrus pratensis</i>	Meadow Vetchling	P					R					
<i>Lotus pedunculatus</i>	Greater Bird's-foot Trefoil	P				R	R				R	R
<i>Luzula campestris</i>	Field Woodrush	P										
<i>Lycopus europaeus</i>	Gypsywort		LF									
<i>Matricaria chamomilla</i>	Scented Mayweed										R	R
<i>Mentha aquatica</i>	Water Mint	P	LF	R								
<i>Myosotis scorpioides</i>	Water Forget-me-not										LF	
<i>Oenanthe crocata</i>	Hemlock Water-dropwort	O	O/LF	R				F			O	LD
<i>Plantago lanceolata</i>	Ribwort Plantain						O		P			
<i>Plantago major</i>	Greater Plantain					R			P	O	R	R
<i>Polygonum aviculare</i>	Knotgrass								P			
<i>Potentilla reptans</i>	Creeping Cinquefoil								P			
<i>Pulicaria dysenterica</i>	Fleabane	P					R				LO	
<i>Ranunculus repens</i>	Creeping Buttercup	P	F	O	O	O					F/LA	A
<i>Rubus fruticosus agg.</i>	Blackberry						LF				P	P
<i>Rumex acetosa</i>	Common Sorrel	P										
<i>Rumex conglomeratus</i>	Clustered Dock		F			O	O					O
<i>Rumex crispus</i>	Curled Dock						O		P		O	O
<i>Rumex obtusifolius</i>	Broad-leaved Dock	O	O	R				P			O	F
<i>Rumex sanguineus</i>	Wood Dock	F					F					

Parcel ID/Species		HF26	HF46	HF49	HF50	HF51, HF51a	HF56	HF60	HF74	IV12	IV15	IV16
<i>Sonchus oleraceus</i>	Smooth Sow-thistle									O		
<i>Stellaria graminea</i>	Lesser Stitchwort					R						
<i>Stellaria holostea</i>	Greater Stitchwort			R								
<i>Symphytum officinale</i>	Comfrey		O	R								
<i>Taraxacum officinale agg.</i>	Dandelion								P			
<i>Trifolium repens</i>	White Clover				O	O			P	F	R	O
<i>Tripleurospermum inodorum</i>	Scentless Mayweed									O		
<i>Urtica dioica</i>	Stinging Nettle	O	F	O			O	P		P	LF	O
<i>Vicia cracca</i>	Tufted Vetch	R										

Table A2.9 Grasslands IV23-SM01

Parcel ID/Species		IV23	IV30	IV31	NM01	NM03	NM03a	NM06	NM07	NM07b	NM07c	SM01
Trees and Shrubs												
<i>Crataegus monogyna</i>	Hawthorn					O						
<i>Prunus cf cerasifera</i>	Cherry Plum											LF
<i>Prunus spinosa</i>	Blackthorn				F	O			O			A
<i>Quercus robur</i>	Pedunculate Oak					R						
<i>Salix sp</i>	Willow species							O				
Grasses												
<i>Agrostis capillaris</i>	Common Bent	P		A	A	A	A					A
<i>Agrostis stolonifera</i>	Creeping Bent		F	O				A		O		LF
<i>Alopecurus geniculatus</i>	Marsh Foxtail								LF	O		
<i>Alopecurus pratensis</i>	Meadow Foxtail				O			A	A		O	F
<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass			LF								

[illegible]

[illegible]

Parcel ID/Species		IV23	IV30	IV31	NM01	NM03	NM03a	NM06	NM07	NM07b	NM07c	SM01
<i>Tragopogon pratensis</i>	Goat's-beard			R								
<i>Trifolium dubium</i>	Lesser Trefoil				F	A	A					
<i>Trifolium micranthum</i>	Slender Trefoil					R	R					
<i>Trifolium pratense</i>	Red Clover					LO	LO					O
<i>Trifolium repens</i>	White Clover				F	A	A					F
<i>Trifolium striatum</i>	Knotted Clover						R					
<i>Urtica dioica</i>	Stinging Nettle	P	F	LF				A/LD	LF		A	LA
<i>Veronica chamaedrys</i>	Germander Speedwell					R	R					LF
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell				F	R	R					O
<i>Vicia cracca</i>	Tufted Vetch								O			
<i>Vicia sativa</i>	Common Vetch					R	R		LF			O

Table A2.10 Other (Scrub, Urban, Hedgerows, Arable)

Parcel ID/Species		HF43	HF62	NM08	NM20	NM29	Hedgerows	Arable
Trees and Shrubs								
<i>Abies sp</i>	Firs	P						
<i>Acer campestre</i>	Maple	P					F	
<i>Acer pseudoplatanus</i>	Sycamore						R	
<i>Aesculus hippocastanum</i>	Horse Chestnut						R	
<i>Alnus glutinosa</i>	Alder		P				R	
<i>Cornus sanguinea</i>	Dogwood	P					R	
<i>Corylus avellana</i>	Hazel	P					R	
<i>Crataegus monogyna</i>	Hawthorn	P		F	A		A	
<i>Fraxinus excelsior</i>	Ash				F		A	
<i>Ilex aquifolium</i>	Holly						R	

<i>Ligustrum vulgare</i>	Wild Privet						R	
<i>Malus sylvestris</i>	Wild or Crab Apple	?					R	
<i>Populus tremula</i>	Aspen						R	
<i>Prunus spinosa</i>	Blackthorn	P		F	A		A	
<i>Quercus cerris</i>	Turkey Oak						LO	
<i>Quercus robur</i>	Pedunculate Oak	P					A	
<i>Rosa canina agg</i>	Dog Rose						O	
<i>Rosa sp</i>	Rose species						O	
<i>Rosa stylosa</i>	Short-styled Field-rose						P	
<i>Rosa tomentella</i>	Round-leaved Dog Rose						P	
<i>Rosa x scabriuscula (canina x tomentosa)</i>	Hybrid Rose						R	
<i>Salix cinerea cinerea</i>	Grey Willow				F			
<i>Salix x fragilis</i>	Crack Willow				F			
<i>Salix sp,</i>	Willow species		P				F	
<i>Sambucus nigra</i>	Elder	P		F			O	
<i>Sorbus aucuparia</i>	Rowan	P						
<i>Taxus baccata</i>	Yew						R	
<i>Ulmus procera</i>	English Elm						F	
<i>Viburnum opulus</i>	Guelder Rose						R	
Grasses								
<i>Dactylis glomerata</i>	Cocksfoot			F				
<i>Deschampsia cespitosa</i>	Tufted Hair-grass						P	
<i>Glyceria maxima</i>	Reed Sweet-grass		P				P	
<i>Phalaris arundinacea</i>	Reed Canarygrass						P	
<i>Phragmites australis</i>	Common Reed		LA				P	
<i>Poa trivialis</i>	Rough-stalked Meadow-grass		P					

Sedges, Rushes, Ferns, Forbs								
<i>Capsella bursa-pastoris</i>	Shepherd's Purse					A		
<i>Chamaenerion angustifolium</i>	Rosebay Willowherb						P	
<i>Chenopodium album</i>	Fat-hen							P
<i>Cirsium arvense</i>	Creeping Thistle			F				
<i>Digitalis purpurea</i>	Foxglove			F				
<i>Dipsacus fullonum</i>	Teasel			F				
<i>Euphorbia helioscopia</i>	Sun Spurge							P
<i>Filipendula ulmaria</i>	Meadowsweet						P	
<i>Fumaria officinalis ssp. officinalis</i>	Common Fumitory							P
<i>Galium palustre</i>	Common Marsh-bedstraw						P	
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill							P
<i>Geranium robertianum</i>	Herb Robert					F		
<i>Glechoma hederacea</i>	Ground Ivy			F				
<i>Gnaphalium uliginosum</i>	Marsh Cudweed			R				
<i>Hedera helix</i>	Ivy						A	
<i>Humulus lupulus</i>	Hop						P	
<i>Impatiens glandulifera</i>	Indian Balsam		F				P	
<i>Iris pseudacorus</i>	Yellow Flag						P	
<i>Jacobaea vulgaris</i>	Ragwort			O				
<i>Juncus articulatus</i>	Jointed Rush						P	
<i>Juncus conglomeratus</i>	Compact Rush							P
<i>Juncus effusus</i>	Soft Rush						P	
<i>Juncus inflexus</i>	Hard Rush						P	
<i>Kickxia elatine</i>	Sharp-leaved Fluellen							P
<i>Lamium amplexicaule</i>	Henbit Dead-nettle							P
<i>Lemna minor</i>	Common Duckweed						P	

<i>Lychnis flos-cuculi</i>	Ragged-Robin						P	
<i>Lycopus europaeus</i>	Gypsywort						P	
<i>Lysimachia arvensis</i>	Scarlet Pimpernel							P
<i>Lysimachia vulgaris</i>	Yellow Loosestrife						P	
<i>Lythrum salicaria</i>	Purple-loosestrife						P	
<i>Malva neglecta</i>	Dwarf Mallow					R		
<i>Matricaria chamomilla</i>	Scented Mayweed							P
<i>Mentha aquatica</i>	Water Mint						P	
<i>Myosotis laxa</i>	Tufted Forget-me-not						P	
<i>Myosotis scorpioides</i>	Water Forget-me-not						P	
<i>Odontites vernus</i>	Red Bartsia			P				
<i>Oenanthe crocata</i>	Hemlock Water-dropwort						P	
<i>Papaver rhoeas</i>	Common Poppy							P
<i>Persicaria hydropiper</i>	Water-pepper						P	
<i>Persicaria maculosa</i>	Redshank						P	
<i>Pulicaria dysenterica</i>	Fleabane						P	
<i>Ranunculus acris</i>	Meadow Buttercup			F			P	
<i>Ranunculus repens</i>	Creeping Buttercup			F				
<i>Rorippa palustris</i>	Marsh Yellow-cress						P	
<i>Rubus fruticosus</i> agg.	Blackberry			F	F			
<i>Rumex crispus</i>	Curled Dock			F				
<i>Rumex obtusifolius</i>	Broad-leaved Dock		P	F				
<i>Senecio vulgaris</i>	Groundsel							P
<i>Senecio vulgaris</i>	Sticky Groundsel					F		
<i>Sparganium erectum</i>	Branched Bur-reed						P	
<i>Stachys palustris</i>	Marsh Woundwort							P
<i>Symphytum officinale</i>	Comfrey						P	

<i>Thlaspi arvense</i>	Field Penny-cress						P
<i>Typha latifolia</i>	Bulrush					P	
<i>Urtica dioica</i>	Stinging Nettle		P	F	F		
<i>Valeriana officinalis</i>	Common Valerian		P			P	
<i>Veronica persica</i>	Common Field Speedwell						P

Table A2.11 River Loddon (channel and bank edge)

Parcel ID/Species		Comment
Trees and Shrubs		
<i>Alnus glutinosa</i>	Alder	
<i>Prunus lusitanica</i>	Portugal Laurel	Recorded within the Arborfield Mill/Hall Farm area
<i>Salix caprea</i>	Goat Willow	
<i>Salix cinerea cinerea</i>	Grey Willow	
<i>Salix x fragilis</i>	Crack Willow	
Grasses		
<i>Glyceria maxima</i>	Reed Sweet-grass	
<i>Phalaris arundinacea</i>	Reed Canarygrass	
<i>Phragmites australis</i>	Common Reed	
Sedges, Rushes, Ferns, Forbs		
<i>Alisma plantago-aquatica</i>	Water Plantain	Occasional in riparian vegetation
<i>Apium nodiflorum</i>	Fool's Watercress	One population recorded
<i>Bidens tripartita</i>	Trifid Bur-marigold	Occasional in riparian vegetation
<i>Butomus umbellatus</i>	Flowering Rush	Two populations recorded
<i>Calystegia sepium</i>	Hedge Bindweed	
<i>Carex remota</i>	Remote Sedge	
<i>Epilobium hirsutum</i>	Great Willowherb	

Parcel ID/Species		Comment
<i>Eupatoria cannabinum</i>	Hemp Agrimony	One population recorded in riparian vegetation
<i>Impatiens capensis</i>	Orange Balsam	Occasional in riparian vegetation
<i>Impatiens glandulifera</i>	Indian Balsam	Common in riparian vegetation
<i>Iris pseudacorus</i>	Yellow Flag	Occasional in riparian vegetation
<i>Lemna minor</i>	Common Duckweed	
<i>Lycopus europaeus</i>	Gypsywort	Common in riparian vegetation
<i>Lythrum salicaria</i>	Purple-loosestrife	Common in riparian vegetation
<i>Mentha aquatica</i>	Water Mint	Common in riparian vegetation
<i>Myosotis scorpioides</i>	Water Forget-me-not	
<i>Myosoton aquaticum</i>	Water Chickweed	Occasional in riparian vegetation
<i>Nuphar lutea</i>	Yellow Water-lily	Very common in the channel
<i>Oenanthe crocata</i>	Hemlock Water-dropwort	Common in riparian vegetation
<i>Parthenocissus quinquefolia</i>	Virginia Creeper	Large population associated with the old Boat House in the Arborfield Mill/Hall Farm area
<i>Persicaria amphibia</i>	Amphibious Bistort	One population recorded
<i>Potamogeton natans</i>	Broad-leaved Pondweed	One population recorded
<i>Potamogeton nodosus</i>	Loddon Pondweed	Recorded from seven locations along the main Loddon channel, some flowering
<i>Potamogeton pectinatus</i>	Fennel Pondweed	One population recorded from the Mill Stream
<i>Ranunculus sp.</i>	Water Crowfoot sp.	One population recorded from the Mill Stream. No flowers or fruits, ID to species level not possible.
<i>Reynoutria japonica</i>	Japanese Knotweed	Several plants present on banks around the Arborfield Mill/Hall Farm area
<i>Sagittaria sagittifolia</i>	Arrowhead	One population recorded
<i>Schoenoplectus lacustris</i>	Common Club-rush	Several stands present
<i>Solanum dulcamara</i>	Bittersweet	
<i>Sparganium erectum</i>	Branched Bur-reed	Very common in the channel
<i>Symphytum officinale</i>	Comfrey	
<i>Urtica dioica</i>	Stinging Nettle	

Parcel ID/Species		Comment
<i>Valeriana officinalis</i>	Common Valerian	One population recorded from the bankside
<i>Mosses</i>		
<i>Fontinalis antipyretica</i>	Greater Water Moss	Populations recorded in both the main channel and Mill Stream

Annex 3

Quadrat Data

1x1m and 2x2m quadrat data from the grasslands is tabulated below.

For the 1x1m quadrats, which were undertaken for the purposes of assigning UKHab types and to inform Biodiversity Net Gain condition assessments, species were simply recorded as 'present', denoted by a 1.

"M" stands for Modified Grassland and "ONG" stands for Other Neutral Grassland.

Species indicative of suboptimal condition are listed in bold. These species do not count towards the species per m² count for Biodiversity Net Gain condition assessments of Other Neutral Grassland, and are therefore not included in the relevant totals at the bottom of each table.

For the 2x2m NVC quadrats, the DOMIN scale of cover was used where 10 = 91-100% cover, 9 = 76-90%, 8 = 51-75%, 7 = 34-50%, 6 = 26-33%, 5 = 11-25%, 4 = 4-10%, 3 = <4% (many individuals), 2 = <4% (several individuals) and 1 = <4% (few individuals). NVC quadrats were completed in grasslands NM03 and NM03a in order to inform an assessment of whether they met the criteria for priority Lowland Meadow habitat. Notes were also made on the percentage cover of grasses, forbs, Perennial Rye Grass and White Clover.

1x1m Quadrats

Table A3.1: Grassland quadrats EV01-EV03

ID/Species	EV01/Q1	EV01/Q2	EV01a/Q1	EV01a/Q2	EV01b/Q1	EV02/Q1	EV02a/Q2	EV03/Q1
Grassland Type	M	M	M	M	M	M	M	M
<i>Agrostis stolonifera</i>	1	1	1	1	1	1	1	1
<i>Alopecurus geniculatus</i>		1	1		1			
<i>Alopecurus pratensis</i>	1	1	1	1	1	1	1	1
<i>Cirsium arvense</i>							1	
<i>Deschampsia cespitosa</i>					1			

ID/Species	EV01/Q1	EV01/Q2	EV01a/Q1	EV01a/Q2	EV01b/Q1	EV02/Q1	EV02a/Q2	EV03/Q1
Grassland Type	M	M	M	M	M	M	M	M
<i>Elymus repens</i>					1	1		
<i>Holcus lanatus</i>		1	1				1	
<i>Phleum bertolonii</i>								1
<i>Phleum pratense</i>					1			
<i>Rumex crispus</i>						1	1	
Total qualifying species	2	4	4	2	6	4	5	3

Table A3.2 Grassland quadrats EV04-EV24

[illegible]

ID/Species	EV04/ Q1	EV04/ Q2	EV04/ Q3	EV04a/ Q1	EV05/ Q1	EV14/ Q1	EV21/ Q1	EV23/ Q1	EV23/ Q2	EV23/ Q3	EV23a/ Q1	EV24/ Q1	EV24/ Q2
Grassland Type	M	M	M	ONG	M	M	M	M	M	M	ONG	ONG	ONG
<i>Cirsium arvense</i>	1	1		x			1						x
<i>Convolvulus arvensis</i>		1											
<i>Cynosurus cristatus</i>				1									
<i>Dactylis glomerata</i>		1											
<i>Deschampsia cespitosa</i>			1		1	1				1	1		
<i>Elymus repens</i>	1			1		1							
<i>Geranium dissectum</i>													1
<i>Glyceria fluitans</i>											1		
<i>Holcus lanatus</i>	1	1		1			1	1	1	1	1	1	1
<i>Hordeum secalinum</i>		1								1		1	1
<i>Juncus effusus</i>			1										
<i>Leucanthemum vulgare</i>				1									
<i>Lolium perenne</i>				1				1		1		1	
<i>Lotus corniculatus</i>													1
<i>Lotus pedunculatus</i>				1									
<i>Phleum bertolonii</i>													1
<i>Phleum pratense</i>							1					1	
<i>Plantago major</i>	1												
<i>Poa trivialis</i>							1	1	1	1		1	1
<i>Potentilla reptans</i>								1					1

ID/Species	EV04/ Q1	EV04/ Q2	EV04/ Q3	EV04a/ Q1	EV05/ Q1	EV14/ Q1	EV21/ Q1	EV23/ Q1	EV23/ Q2	EV23/ Q3	EV23a/ Q1	EV24/ Q1	EV24/ Q2
Grassland Type	M	M	M	ONG	M	M	M	M	M	M	ONG	ONG	ONG
<i>Prunella vulgaris</i>				1									
<i>Ranunculus acris</i>	1											1	
Ranunculus repens	1	1	1		1			1		1	x		
<i>Rumex conglomeratus</i>			1								1		
<i>Taraxacum officinale</i> agg.									1				
<i>Trifolium dubium</i>								1					1
Trifolium repens	1			x				1					x
<i>Vicia cracca</i>						1							
Total qualifying species	9	8	6	9	5	5	7	9	6	8	6	8	11

Table A3.3 Grassland quadrats EV25-EV50

ID/Species	EV25/ Q1	EV25/ Q2	EV25/ Q3	EV26/ Q1	EV26/ Q2	EV27/ Q1	EV28/ Q1	EV29/ Q1	EV33/ Q1	EV33/ Q2	EV50/ Q1	EV50/ Q2
Grassland Type	M	M	M	M	M	M	M	M	M	M	M	M
<i>Agrostis capillaris</i>	1			1								
<i>Agrostis stolonifera</i>	1		1		1	1		1	1	1	1	
<i>Alopecurus geniculatus</i>		1	1		1							
<i>Alopecurus pratensis</i>	1	1		1			1		1		1	
<i>Bidens tripartita</i>												1
<i>Carex hirta</i>					1							

ID/Species	EV25/ Q1	EV25/ Q2	EV25/ Q3	EV26/ Q1	EV26/ Q2	EV27/ Q1	EV28/ Q1	EV29/ Q1	EV33/ Q1	EV33/ Q2	EV50/ Q1	EV50/ Q2
Grassland Type	M	M	M	M	M	M	M	M	M	M	M	M
<i>Cirsium arvense</i>				1								
<i>Convolvulus arvensis</i>							1					
<i>Eleocharis palustris</i>												1
<i>Gnaphalium uliginosum</i>			1									
<i>Holcus lanatus</i>	1	1		1	1		1	1	1	1	1	
<i>Hordeum secalinum</i>				1								
<i>Lolium perenne</i>				1	1	1	1	1	1	1		
<i>Persicaria hydropiper</i>					1							
<i>Persicaria maculosa</i>			1									1
<i>Phleum pratense</i>								1				
<i>Plantago lanceolata</i>					1							
<i>Plantago major</i>			1		1		1					1
<i>Poa trivialis</i>	1	1						1	1			
<i>Polygonum aviculare</i>			1									
<i>Ranunculus acris</i>								1				
<i>Ranunculus repens</i>				1		1			1	1		
<i>Rumex conglomeratus</i>						1						
<i>Taraxacum officinale</i> agg.							1					
Total qualifying species	5	4	6	7	8	4	6	6	6	4	3	4

Table A3.4 Grassland quadrats EV52-HF26

[illegible]

ID/Species	EV52/ Q1	EV52a/ Q1	EV58/ Q1	EV62/ Q1	EV102/ Q1	HF15/ Q1	HF15a/ Q1	HF16/ Q1	HF19/ Q1	HF20/ Q1	HF23/ Q1	HF26/ Q1
Grassland Type	M	ONG	M	ONG	M	M	M	M	M	M	M	ONG
<i>Polygonum aviculare</i>						1	1	1				
<i>Ranunculus repens</i>			1									
<i>Rumex conglomeratus</i>	1											1
<i>Rumex crispus</i>												x
<i>Rumex obtusifolius</i>					x							
<i>Torilis japonica</i>				1								
<i>Trifolium repens</i>	1											
<i>Urtica dioica</i>												x
Total qualifying species	7	4	5	3	5	4	5	4	1	1	2	9

Table A3.5 Grassland quadrats HF30-HF50a

[illegible]

ID/Species	HF30/ Q1	HF34/ Q1	HF35/ Q1	HF36/ Q1	HF37/ Q1	HF38/ Q1	HF39/ Q1	HF40/ Q1	HF40a / Q1	HF46/ Q1	HF49/ Q1	HF50/ Q1	HF50a / Q1
Grassland Type	ONG	M	M	M	M	M	M	M	ONG	ONG	M	M	ONG
<i>Bromus hordaceus</i>		1	1		1	1	1	1	1				
<i>Cirsium arvense</i>										x	x	x	
<i>Deschampsia cespitosa</i>										1	1		
<i>Elymus repens</i>							1						
<i>Geranium molle</i>					1								
<i>Heracleum sphondylium</i>										1			
<i>Holcus lanatus</i>	1				1	1	1	1	1	1	1	1	1
<i>Hordeum murinum</i>		1	1										
<i>Jacobaea vulgaris</i>	1												
<i>Lolium perenne</i>	1	1	1	1	1	1	1	1	1				
<i>Mentha aquatica</i>										1			
<i>Plantago major</i>				1									
<i>Poa annua</i>				1									
<i>Poa trivialis</i>	1					1	1	1	1		1	1	1
<i>Ranunculus repens</i>				1					1	x	x	x	x
<i>Rumex conglomeratus</i>										1			
Total qualifying species	6	3	3	4	5	4	5	4	7	7	4	3	4

Table A3.6 Grassland quadrats HF51-IV31

[illegible]

