

Manor Farm Meadow East
SU62505570
65-0432
Basingstoke and Deane

Habitat Survey



Manor Farm Meadow East general view across the meadow looking south.

Date of Survey:	7 th October 2024
Written by:	Ian Ralphs
Validated by:	Amy Robjohns
Date of validation:	18 th February 2025
Last reviewed by:	
Date of review:	

Survey Summary

Manor Farm Meadow East 07/10/2024

Site Details

Grid Reference :	SU62505570	File Reference :	65-0432
Total Area :	1.34 ha		
District :	Basingstoke and Deane		
Vice-County :	12, North Hampshire		

Survey Details

Survey Type :	Phase 2
Survey Date :	07/10/2024
Survey Time on Site :	3.7 (hrs)
Data Owned By :	Hampshire Biodiversity Information Centre Partnership
Data Recorded By :	Ian Ralphs, HBIC

Site Summary

Manor Farm Meadow East is an old improved valley side pasture.

Site Designations

Designation

<none>

Site Features

<u>Type</u>	<u>Description</u>
Features	Ant Hills
Features	Other (New ponds planned)
Features	Springs/flushes
Features	Stream
Geology	Bedrock - Clay, Silt And Sand
Geology	Superficial - Clay, Silt, Sand And Gravel
Management	Unmanaged
Usage	Managed For Wildlife

Priority Habitats

None recorded

Notable Species

<u>Taxon Name</u>	<u>Common Name</u>	<u>Status</u>
<i>Alauda arvensis</i>	Skylark	NERC Act 2006, Sect 41 Birds of Conservation Concern: Red List
<i>Milvus milvus</i>	Red Kite	EU Birds Directive Annex 1 WACA Sch 1, Part 1 County Rare
<i>Rallus aquaticus</i>	Water Rail	County Scarce
<i>Spinus spinus</i>	Siskin	County Important

Turdus iliacus

Redwing

WACA Sch 1, Part 1

Birds of Conservation Concern:
Red List

Turdus viscivorus

Mistle Thrush

Birds of Conservation Concern:
Red List

Hampshire Biodiversity Information Centre



Survey Details

General description and management.

Manor Farm Meadow East is an old improved valley side pasture, with structurally complex, and occasionally herb rich edges in the poorly drained and swampy margins, where the field edge follows the line of an old and Willow dominated drainage ditch and joins the line of the Wey Brook valley.

The field was unmanaged at the time of the survey, apart from the regular mowing of access tracks and a number of trial trenches, pre pond digging.

Although predominantly improved grassland in character the site retains an impressive species list with over 100 species recorded from the site during the visit - an impressive total for a survey conducted late in the season.



The Reed-Nettle dominated swamps in the eastern edge of the field (2b).

Communities.

(1). [MG1]: *Arrhenatherum elatius* grassland.

Improved pasture, rather rank with ruderal herbs thickening up locally. Old horse grazed pasture. Still retains two old meadow indicators Hoary Ragwort and Meadow Barley. (IHS:- G10. SC2. GM4).

Canopy :-	Scattered Hawthorn and Willow sp regeneration.
Flora :-	False Oat-grass dominates, Cock's-foot, Creeping Bent, Meadow Foxtail, Yorkshire-fog and Meadow Barley, with Nettle, Creeping Thistle, Field Horsetail, Hogweed, Cow Parsley, Upright Hedge-parsley, Wild Carrot, Soft Brome, Timothy, Creeping Buttercup, Hairy Sedge, Yarrow, Creeping Cinquefoil and Hoary Ragwort.
*Variant 1 :-	Mown paths [MG7]: <i>Lolium perenne</i> leys and related grasslands.

*Variant 2 :-	Aspen regeneration is abundant in a broad strip on the southern edge of the site.
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(2a). [S6]: *Carex riparia* swamp.

It is near impossible to separate *Carex riparia* (Greater Pond-sedge) from *Carex acutiformis* (Lesser Pond-sedge) late in the season. For the sake of argument, the sedge dominated swamps here are lumped into [S6]. Mostly, but not entirely over 5 metres in width. (IHS:- EM1Z.SC2.GM4).

Flora :-	Greater Pond-sedge dominates, with Common Reed, Reed Canary-grass, Water Mint, Common Vetchling, Creeping Bent, Yellow Iris, Wild Angelica, Hemlock Water-dropwort, Marsh Horsetail, Butterbur, Meadowsweet, Water Figwort, Square-stemmed St.John's-wort, Amphibious Bistort, Bittersweet and Brown Sedge.
*Variant 1 :-	Recent trenches present. These were dug to investigate the potential for the establishment of new ponds.



The northern edge of the meadow, rather rank (1) type sward grading becoming (2a) in the valley bottom, backed by Purple Willow regrowth.

(2b). [S26]: *Phragmites australis* – *Urtica dioica* tall herb fen.

Unmanaged Reed-Nettle fen. Tending to be more than 5 metres wide on the northern edge, but less than 5 metres wide on the eastern edge. (IHS:- EM1Z/EM21.SC2.GM4).

Flora :-	Common Reed, Reed Canary-grass and Nettle.
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(3). [W1]: *Salix cinerea* - *Galium palustre* woodland.

The Grey Willow dominated drain that dominates the eastern edges of the meadow and the Willow dominated fringes of the Wey Brook on the northern edge. (IHS:-WB3Z.WF11.WM7).

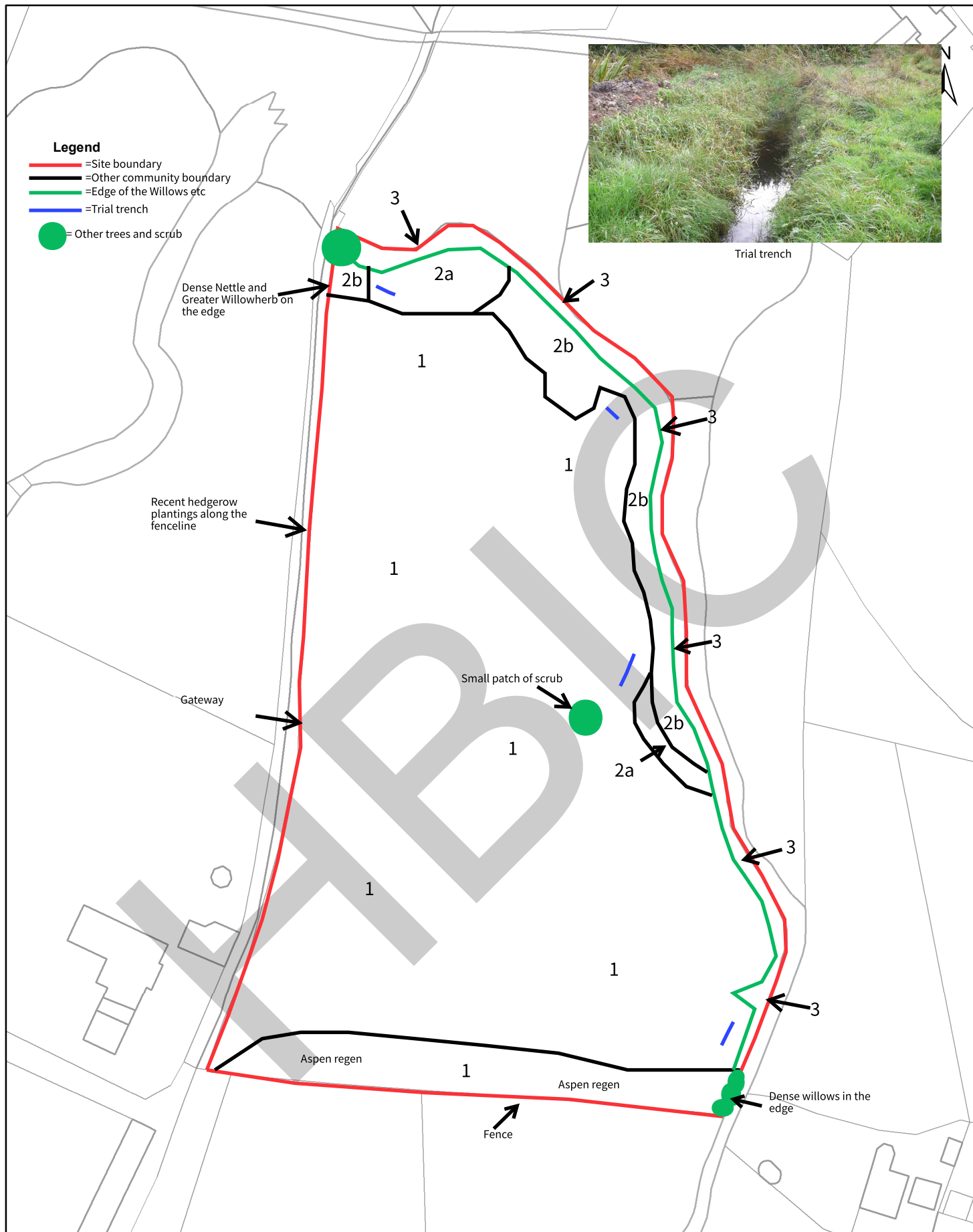
Canopy :-	Grey Willow, Purple Willow, Yew, Crack Willow and White Willow. To 20 metres, 90%.
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Flora :-	Nettle dominates.
*Variant 1 :-	Nicely graded scrubby edges.



(2a). Pond-sedge dominated swamp in the valley bottom along the Brook.

Ian Ralphs, Field Ecologist, HBIC.



Survey Details

Manor Farm Meadow East 07/10/2024

Habitats Recorded

National Vegetation Classifications

	<u>Area</u>
MG1, Arrhenatherum elatius grassland	70 %
S26, Phragmites australis-Urtica dioica tall-herb fen	10 %
S6, Carex riparia swamp	10 %
W1, Salix cinerea-Galium palustre woodland	10 %

Species Recorded

<u>Taxon Name</u>	<u>Taxon Common Name</u>	<u>Frequency</u>	<u>Species Status</u>
<i>Achillea millefolium</i>	Yarrow	R/O	
<i>Aegopodium podagraria</i>	Ground-elder	R/O	
<i>Agrostis capillaris</i>	Common Bent	R/O	
<i>Agrostis stolonifera</i>	Creeping Bent	OLF	
<i>Alopecurus pratensis</i>	Meadow Foxtail	OLF	
* <i>Angelica sylvestris</i>	Wild Angelica	R	
<i>Anthriscus sylvestris</i>	Cow Parsley	OLF	
<i>Arrhenatherum elatius</i>	False Oat-grass	F/A	
<i>Bromus hordeaceus</i>	Soft-brome	O	
<i>Calystegia sepium</i>	Hedge Bindweed	O	
<i>Carex acutiformis</i>	Lesser Pond-sedge	F/A	
* <i>Carex disticha</i>	Brown Sedge	R/O	
<i>Carex hirta</i>	Hairy Sedge	F	
<i>Cirsium arvense</i>	Creeping Thistle	F/A	
<i>Cirsium vulgare</i>	Spear Thistle	O	
<i>Convolvulus arvensis</i>	Field Bindweed	R/O	
<i>Cornus sanguinea</i>	Dogwood	R	
<i>Crataegus monogyna</i>	Hawthorn	R/O	
<i>Dactylis glomerata</i>	Cock's-foot	A/D	
<i>Daucus carota</i>	Wild Carrot	R	
<i>Dipsacus fullonum</i>	Wild Teasel	R	
<i>Epilobium</i>	Willowherb	R/O	
<i>Epilobium hirsutum</i>	Great Willowherb	R	
<i>Equisetum arvense</i>	Field Horsetail	R	
<i>Equisetum palustre</i>	Marsh Horsetail	R/O	
<i>Euphorbia peplus</i>	Petty Spurge	R	
+* <i>Filipendula ulmaria</i>	Meadowsweet	R/O	
<i>Galium aparine</i>	Cleavers	O	
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	R	
<i>Geranium molle</i>	Dove's-foot Crane's-bill	O	
<i>Glechoma hederacea</i>	Ground-ivy	R/O	
<i>Hedera helix</i>	Ivy	R/O	

<u>Taxon Name</u>	<u>Taxon Common Name</u>	<u>Frequency</u>	<u>Species Status</u>
<i>Heracleum sphondylium</i>	Hogweed	OLF	
<i>Holcus lanatus</i>	Yorkshire-fog	OLF	
<i>Hordeum secalinum</i>	Meadow Barley	OLA	
<i>Humulus lupulus</i>	Hop	R	
<i>Hypericum tetrapterum</i>	Square-stalked St John's-wort	R	
<i>Iris pseudacorus</i>	Yellow Iris	R/O	
<i>Jacobaea aquatica</i>	Marsh Ragwort	R	NW
+ <i>Jacobaea erucifolia</i>	Hoary Ragwort	O	
<i>Jacobaea vulgaris</i>	Common Ragwort	R	
<i>Juglans regia</i>	Walnut	R/O	
<i>Juncus inflexus</i>	Hard Rush	R/O	
<i>Lamium album</i>	White Dead-nettle	R	
<i>Lamium purpureum</i>	Red Dead-nettle	R	
<i>Lapsana communis</i>	Nipplewort	R	
+ <i>Lathyrus pratensis</i>	Meadow Vetchling	R/O	
<i>Lolium perenne</i>	Perennial Rye-grass	R/O	
+* <i>Mentha aquatica</i>	Water Mint	OLF	
<i>Myosotis scorpioides</i>	Water Forget-me-not	R	
<i>Oenanthe crocata</i>	Hemlock Water-dropwort	R/O	
<i>Persicaria amphibia</i>	Amphibious Bistort	R/O	
<i>Persicaria hydropiper</i>	Water-pepper	R	
<i>Persicaria maculosa</i>	Redshank	R	
<i>Petasites hybridus</i>	Butterbur	OLA	
<i>Phalaris arundinacea</i>	Reed Canary-grass	OLF	
<i>Phleum pratense</i>	Timothy	OLF	
<i>Phragmites australis</i>	Common Reed	OLF	
<i>Picris echioides</i>	Bristly Oxtongue	R	
* <i>Populus tremula</i>	Aspen	OLF	
<i>Potentilla reptans</i>	Creeping Cinquefoil	O	
<i>Prunus spinosa</i>	Blackthorn	R/O	
+* <i>Pulicaria dysenterica</i>	Common Fleabane	O	
<i>Quercus</i>	Oak	R	
<i>Ranunculus acris</i>	Meadow Buttercup	R	
<i>Ranunculus repens</i>	Creeping Buttercup	O	
<i>Rosa canina</i>	Dog-rose	R	
<i>Rubus fruticosus</i> agg.	Bramble	O	
<i>Rumex crispus</i>	Curled Dock	O	
<i>Rumex obtusifolius</i>	Broad-leaved Dock	O	
<i>Salix alba</i>	White Willow	R	
<i>Salix cinerea</i>	Common Sallow	O/F	
<i>Salix euxina</i> x <i>alba</i> = <i>S. x fragilis</i>	Hybrid Crack-willow	R	
<i>Salix purpurea</i>	Purple Willow	OLF	
<i>Salix viminalis</i>	Osier	R	
<i>Scrophularia auriculata</i>	Water Figwort	R	
<i>Solanum dulcamara</i>	Bittersweet	R/O	
<i>Tanacetum parthenium</i>	Feverfew	R	

<u>Taxon Name</u>	<u>Taxon Common Name</u>	<u>Frequency</u>	<u>Species Status</u>
<i>Taxus baccata</i>	Yew	R	
<i>Torilis japonica</i>	Upright Hedge-parsley	F/A	
+ <i>Tragopogon pratensis</i>	Goat's-beard	R	
<i>Trifolium repens</i>	White Clover	R/O	
<i>Typha latifolia</i>	Bulrush	R	
<i>Urtica dioica</i>	Common Nettle	OLF	
<i>Verbena bonariensis</i>	Argentinian Vervain	R	
<i>Veronica chamaedrys</i>	Germander Speedwell	R	
<i>Vicia cracca</i>	Tufted Vetch	R	

<u>Taxon Name</u>	<u>Taxon Common Name</u>	<u>Present</u>	<u>Species Status</u>
<i>Aegithalos caudatus</i>	Long-tailed Tit	P	
<i>Alauda arvensis</i>	Skylark	P	NB
<i>Anas platyrhynchos</i>	Mallard	P	
<i>Anthus pratensis</i>	Meadow Pipit	P	
<i>Carduelis carduelis</i>	Goldfinch	P	
<i>Coloeus monedula</i>	Jackdaw	P	
<i>Corvus corax</i>	Raven	P	
<i>Dendrocopos major</i>	Great Spotted Woodpecker	P	
<i>Erithacus rubecula</i>	Robin	P	
<i>Garrulus glandarius</i>	Jay	P	
<i>Milvus milvus</i>	Red Kite	P	NB
<i>Motacilla alba</i>	Pied Wagtail	P	
<i>Phylloscopus collybita</i>	Chiffchaff	P	
<i>Picus viridis</i>	Green Woodpecker	P	
<i>Prunella modularis</i>	Dunnock	P	
<i>Rallus aquaticus</i>	Water Rail	P	NB
<i>Spinus spinus</i>	Siskin	P	NB
<i>Troglodytes troglodytes</i>	Wren	P	
<i>Turdus iliacus</i>	Redwing	P	NB
<i>Turdus viscivorus</i>	Mistle Thrush	P	NB

Species Summary

Total no. of species :	107
No. of woodland species :	46
* No. of AWVP indicators :	1
~ No. of CG indicators :	0
^ No. of LDAG indicators :	0
+ No. of LM indicators :	6
x No. of PMGRP indicators :	5

Notes

Habitat Classifications :

Priority: Habitats identified as the highest priority for conservation action in the UK

NVC: A system of classifying natural habitat communities according to species associations

Phase 1: A standardised system for surveying, classifying and mapping broad wildlife habitats including urban areas

Peterken: A stand type classification that describes woodlands by tree species

Indicators Species :

- * Ancient Woodland Vascular Plants (AWVP) - species most strongly associated with ancient woodland and are typical components of botanically rich ancient woodland communities
- ~ Chalk grassland (CG) indicators - species characteristic of unimproved chalk downland or have a strong affinity to calcareous soil
- ^ Lowland Dry Acid Grassland Indicators (LDAG) - species characteristic of lowland dry acid grassland.
- + Lowland Meadow Indicators (LM) - species characteristic of lowland meadows.
- x Purple Moor-grass and Rush Pastures Indicators (PMGRP) - species characteristic of Purple Moor-grass and Rush Pastures.

Species Abundance:

Frequency: D=dominant A=abundant F=frequent O=occasional R=rare L=locally

Frequencies within brackets () indicate non-native occurrences

Habitat and Species designations and statuses:

Habitat designations/categories and species legislation/statuses are correct at the time the report was generated and may not necessarily reflect those applicable either at the time of survey or later than the generated date.

Species statuses:

NB: Records of species that are legally protected or otherwise notable within Hampshire.

NW: Species that may or may not have another/a legal designation, but are of note/interest due to one or more of the following: Hampshire Responsible, Hampshire Declining or Near Threatened.