

LINDHURST
MANSFIELD

APPENDIX 6.D SPECIES LIST

Mixed Plantation

<i>Acer pseudoplatanus</i>	Sycamore
<i>Alnus glutinosa</i>	Common Alder
<i>Betula pendula</i>	Silver Birch
<i>Corylus avellana</i>	Hazel
<i>Crataegus monogyna</i>	Hawthorn
<i>Cytisus scoparius</i>	Broom
<i>Fagus sylvatica</i>	Beech
<i>Fraxinus excelsior</i>	Ash
<i>Ilex aquifolium</i>	Holly
<i>Pinus sylvestris</i>	Scot's Pine
<i>Quercus robur</i>	Oak
<i>Rosa Canina</i>	Dog Rose
<i>Salix caprea</i>	Goat Willow
<i>Sorbus aucuparia</i>	Rowan
<i>Tilia cordata</i>	Small-Leaved Lime
<i>Ulex europaeus</i>	Gorse

Unimproved Roadside verges

<i>Achillea millefolium</i>	Yarrow
<i>Alopecurus pratensis</i>	Meadow Fox-Tail
<i>Anthoxanthum odoratum</i>	Sweet Vernal-Grass
<i>Arrhenatherum elatius</i>	False Oat-Grass
<i>Anisanthus sterilis</i>	Sterile Brome
<i>Chamerion angustifolium</i>	Rosebay Willowherb
<i>Festuca rubra</i>	Red Fescue
<i>Holcus lanatus</i>	Yorkshire Fog
<i>Hypericum perforatum</i>	Perforate St John's-Wort
<i>Hypochaeris radicata</i>	Cat's-Ear
<i>Lolium perenne</i>	Perennial Rye-Grass
<i>Lotus corniculatus</i>	Common Bird's-foot Trefoil
<i>Medicago lupulina</i>	Black Medick
<i>Papaver rhoeas</i>	Common Poppy
<i>Phleum bertolonii</i>	Small-Leaved Timothy
<i>Plantago lanceolata</i>	Ribwort Plantain
<i>Poa annua</i>	Annual Meadow-Grass
<i>Rumex acetosa</i>	Common Sorrel

Senecio jacobaea
Senecio vulgaris
Sonchus oleraceus
Trifolium pratense
Vicia hirsuta
Vicia sativa

Ragwort
Groundsel
Smooth Sow-Thistle
Red Clover
Hairy Tare
Common Vetch

Species-poor Semi-improved grassland

Anthriscus sylvestris
Arrhenatherum elatius
Artemisia vulgaris
Bromus mollis (Abundant)
Anisanthus sterilis
Campanula rotundifolia
Cerastium fontanum
Chamerion angustifolium
Cirsium arvense
Cirsium vulgare
Conyza Canadensis
Dactylis glomerata
Festuca rubra
Geranium molle
Holcus lanatus
Hordeum murinum
Hypochaeris radicata
Lactuca serriola
Lamium album
Leontodon autumnalis
Lolium perenne
Phleum bertolonii
Plantago lanceolata
Plantago major
Poa annua
Ranunculus bulbosus
Rumex crispus
Rumex obtusifolius
Senecio jacobaea

Cow Parsley
False Oat-Grass
Mugwort
Soft Brome
Sterile Brome
Harebell
Common Mouse-Ear
Rosebay Willowherb
Creeping Thistle
Spear Thistle
Canadian Fleabane
Cocksfoot
Red Fescue
Dove's-Foot Crane's-Bill
Yorkshire Fog
Wall Barley
Cat's-Ear
Prickly Lettuce
White Dead-Nettle
Autumn Hawkbit
Perennial Rye-grass
Small-Leaved Timothy
Ribwort Plantain
Greater Plantain
Annual Meadow-grass
Bulbous Buttercup
Curled dock
Broad-Leaved Dock
Ragwort

<i>Sinapis arvensis</i>	Charlock
<i>Stellaria media</i>	Common Chickweed
<i>Taraxacum off. agg.</i>	Dandelion
<i>Trifolium pretense</i>	Red Clover
<i>Tripleurospermum inodorum</i>	Scentless Mayweed
<i>Urtica dioica</i>	Common Nettle
<i>Vicia hirsuta</i>	Hairy Tare
<i>Vicia sativa</i>	Common Vetch

Improved Grassland (Grazed by Horses)

<i>Lolium perenne</i> (dominant)	Perennial Rye-Grass
<i>Plantago lanceolata</i>	Ribwort Plantain

Tall herb/ruderal

<i>Alnus glutinosus</i>	Alder
<i>Anthriscus sylvestris</i> (dominant)	Cow Parsley
<i>Arrhenatherum elatius</i>	False Oat-Grass
<i>Artemisia vulgaris</i>	Mugwort
<i>Anisanthus sterilis</i>	Sterile Brome
<i>Chamerion angustifolium</i>	Rosebay Willowherb
<i>Cirsium arvense</i>	Creeping Thistle
<i>Cirsium vulgare</i>	Spear Thistle
<i>Conyza canadensis</i>	Canadian Fleabane
<i>Echium vulgare</i>	Viper's-bugloss
<i>Epilobium montanum</i>	Broad-leaved Willowherb
<i>Festuca rubra</i>	Red Fescue
<i>Heracleum sphondylium</i>	Hogweed
<i>Juncus effusus</i>	Soft Rush
<i>Leontodon autumnalis</i>	Autumn Hawkbit
<i>Matricaria discoidea</i>	Pineapple Weed
<i>Melilotus albus</i>	White Melilot
<i>Melilotus officinalis</i>	Ribbed Melilot
<i>Plantago lanceolata</i>	Ribwort Plantain
<i>Potentilla reptans</i>	Creeping Cinquefoil
<i>Pteridium aquilinum</i>	Bracken
<i>Ranunculus repens</i>	Creeping Thistle
<i>Rubus fruticosus</i>	Bramble

<i>Rumex crispus</i>	Curled-leaved Dock
<i>Rumex obtusifolius</i>	Broad-Leaved Dock
<i>Sambucus nigra</i>	Elder
<i>Senecio jacobaea</i>	Ragwort
<i>Senecio vulgaris</i>	Groundsel
<i>Sonchus asper</i>	Prickly Sow-thistle
<i>Stellaria media</i>	Common Chickweed
<i>Taraxacum off. agg.</i>	Dandelion
<i>Trifolium repens</i>	White Clover
<i>Urtica dioica</i>	Common Nettle
<i>Viola arvensis</i>	Field Pansy

Arable field margins

<i>Achillea millefolium</i>	Yarrow
<i>Agrimonia eupatoria</i>	Agrimony
<i>Alliaria petiolata</i>	Garlic Mustard
<i>Anthriscus sylvestris</i>	Cow Parsley
<i>Arrhenatherum elatius</i>	False-oat Grass
<i>Artemisia vulgaris</i>	Mugwort
<i>Arum macculatum</i>	Lords and Ladies
<i>Bromus sterilis</i>	Sterile Brome
<i>Calystegia sepium</i>	Hedge Bindweed
<i>Campanula rotundifolia</i>	Harebell
<i>Centaurea nigra</i>	Black Knapweed
<i>Chamerion angustifolium</i>	Rosebay Willowherb
<i>Cichorium intybus</i>	Chicory
<i>Cirsium arvense</i>	Creeping Thistle
<i>Galium aparine</i>	Common Cleavers
<i>Hedera helix</i>	Ivy
<i>Heracleum sphondylium</i>	Hogweed
<i>Holcus lanatus</i>	Yorkshire Fog
<i>Lamium album</i>	White Dead-nettle
<i>Narcissus sp.</i>	Daffodil sp.
<i>Pteridium aquilinum</i>	Bracken
<i>Ranunculus repens</i>	Creeping Buttercup
<i>Rumex acetosa</i>	Sorrel
<i>Rumex crispus</i>	Curled Dock

Taraxacum officinalis agg.

Dandelion

Urtica dioica

Common Nettle

TN1 Japanese knotweed

Fallopia japonica

Japanese knotweed

Water bodies

W1

Recently established field pond ~1759m², with evidence of machinery through scrape and track marks. Marginal vegetation is dominated by hard rush *Juncus inflexus*, soft rush *Juncus effusus* and greater reedmace *Typha latifolia*, which extends up the ditch toward Lindhurst cottages. Water is shallow and supports a small population of Smooth Newts.

W2

Balancing pond for run-off from Sherwood Way. 963m² total area and up to 2m deep in small patches at time of survey. Due to highly fluctuating water level, no wetland vegetation has established, banks are of species-poor semi-improved grassland and bottom of pond is bare mud.

W3

Balancing pond for road run-off. Currently dry with no associated wetland vegetation, banks are of species-poor semi-improved grassland.

W4

Balancing pond 1063m², inundated at time of survey due to recent rainfall. Banks dominated by perennial rye-grass and white clover.

W5

Balancing pond, just outside site to the west, dry. 503m² total area. Dry at time of survey, with no associated wetland vegetation, banks are of species-poor semi-improved grassland.

W6

Rainworth lakes. Smallest of three lakes with bulrush *Typha latifolia*. 1095m²

W7

Rainworth lakes large lake with an area of 3265m². Alder/willow carr vegetation on banks. Little emergent/submerged vegetation, possibly eutrophic.

W8

Rainworth lakes large lake with an area of 3475m². Alder/willow carr vegetation on banks. Little emergent/submerged vegetation, possibly eutrophic.

W9

Newly constructed pond with surrounding area of reedbed and marshy grassland. 160m²

<i>Typha latifolia</i>	Bulrush
<i>Juncus effusus</i>	Soft Rush
<i>Veronica beccabunga</i>	Brooklime
<i>Mentha aquatica</i>	Water Mint
<i>Persicaria maculosa</i>	Redshank

W10

Balancing pond. 285m² Dry at time of survey, with no associated wetland vegetation, banks are of species-poor semi-improved grassland.

Trees

See Tree Schedules in Appendices 6J and 6K.