Appendix 4: Individual Site Record Sheets

(Local Wildlife Sites Review: North Kesteven Surveys 2009-2010)

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Grid Square TF15	
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North Kyme Common (Northern Section)	
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Grid Square TF16	
Blankney Wood	

Grid Square SK85

Site Summary				
Site Name	Beckingham Ranges			
Grid ref.	SK878554			
Area (ha.)	430			
Parish	Stapleford			
District	North Kesteven			

Existing	Entry Level Environmental Stewardship (ELS)				
Status	County Wildlife Site (CWS) The boundary differs slightly from that of				
	the SNCI (see map)				
	Site of Nature Conservation Importance (SNCI)				

Selection	NG1: Semi-natural neutral grassland at least 0.1 ha. in extent, or linear				
Criteria Met	areas at least 50m long, with a minimum species index score of 8				
	Comment: The site also qualifies under a number of other criteria (Sta2				
	& Sw2) but neutral grassland is the dominant habitat across the site.				

Species	24 species from Table 2 of the Local Wildlife Site Guidelines for						
Index score	designation of neutral grassland were present on site.						
	Achillea ptarmica	Galium verum	Lotus corniculatus				
	Angelica sylvestris	Gnaphalium	Lotus pedunculatus				
		uliginosum					
	Anthoxanthum	Hordeum secalinum	Primula veris				
	odoratum						
	Carex flacca	Juncus acutiflorus	Ranunculus bulbosus				
	Carex panicea	Juncus articulatus	Sanguisorba officinalis				
	Centaurea nigra	Lathyrus pratensis	Stachys officinalis				
	Cynosurus cristatus	Leontodon hispidus	Succisa pratensis				
	Filipendula ulmaria	Leucanthemum	Trisetum flavescens				
		vulgare					

Additional	This is a large site with areas of interest spread across the site with
comments	fields of semi-natural grassland and arable/improved grassland
	interspersed with various pools and ditches all of which provide a
	diverse range of habitats and species.

Recommendations

This site is recommended for designation as a Local Wildlife Site (LWS) following the SNCI boundary.

Site name	Gr	Grid reference							
Beckingham Ranges	S	к	8	7	8	5	5	4	
Site sub-division	Da	te							Lincolnshire
	1	6		0	9	()	8	Environmental
	3	1		0	7	()	9	Records
Recorder(s)	Tir	ne o	n si	te	1				Centre
CR Stevenson, Alex Prendergast,			5	hrs		45	mi	ns	
Tracy Simpson			4	hrs		15	mi	ns	

Woodland – semi-nat / plantation	Α
Wet Woodland	T
Parkland / Wood-pasture / Orchard	T
Scrub – scattered / dense	T
Neutral Grassland – Unimp / Semi-imp	Μ
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	Α
Heathland / Acid Peatland	
Bracken	

Running Water	Α
Spring / Flush / Blow Well	
Standing Water / Pond	А
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	А
Arable / Improved Grassland	Μ

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	х

NI 187

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	х

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached) This is a very large site which is generally fairly flat and given over to arable and pastoral farmland grazed by cattle, sheep and several horses. A number of ponds and ditches occur across the site and running north-south through the whole site is the River Witham. The grassland associated with these waterbodies supported the most interesting flora and as such interest was scattered across the whole site. There are numerous hedges on the site. They are all species poor; mainly of blackthorn *Prunus spinosa* and hawthorn *Crataegus monogyna* with ash *Fraxinus excelsior* and pedunculate oak *Quercus robur* trees.

1. The largest pond within the site, situated towards the south-west corner of the ranges, is surrounded by young, planted trees and shrubs. This area is fenced off and the grassland present had not been grazed or mown. Here the species recorded include common centaury *Centaurium erythraea*, common knapweed *Centaurea nigra*, blue fleabane *Erigeron acer*, sneezewort *Achillea ptarmica*, glaucous sedge *Carex flacca* and red bartsia *Odontites vernus* all occurred. At the water's edge a variety of willows *Salix* spp grew, along with reed sweet-grass *Glyceria maxima*, bulrush *Typha latifolia*, gypsywort *Lycopus europaeus* and false foxsedge *Carex otrubae*. Spiked water-milfoil *Myriophyllum spicatum* and fennel-leaved pondweed *Potamogeton pectinatus* were present in the water. Many of these plants were also found in and around the other ponds examined. Some of the smaller ponds, particularly where the margins were poached by cattle, contained additional species such as Lesser Pondweed *Potamogeton pusillus*, the stonewort *Chara aspersa*, as well as water plantain *Plantago alisma-aquatica*, marsh cudweed *Gnaphalium uliginosum*, brooklime *Veronica beccabunga*, and pink water-speedwell *Veronica catenata*. The infrequent moss *Aphanorhegma patens* was present, on cattle poached mud, at one such pond.

Many of these same plants also occurred in the abandoned meander complex found on the banks of the Witham. The River Witham is enclosed between steep levees (embankments); which are grazed. Adjacent to the river there are extensive stands of reed sweet-grass *Glyceria maxima* and reed canary-grass *Phalaris arundinacea*, whilst in places water forget-me-not *Myosotis scorpioides*, brooklime *Veronica beccabunga* and hard rush *Juncus inflexus* may also dominate. Water chickweed *Myosoton aquaticum* is frequent. In the water itself there were extensive patches of algae, but no macrophytes were seen.

A number of dykes / drains traverse the area however access to many of these was restricted as they had steep sides and were fenced by barbed wire in some cases, also during the 2008 visit the Environment Agency were working across the site clearing ditches. Despite these limitations a number of interesting species were recorded many of which were also recorded around the ponds across the site. Species present include water cress *Rorippa nasturtium-aquaticum*, common reed *Phragmites australis*, reed canary-grass

Phalaris arundinacea and reed sweet-grass *Glyceria maxima* all of which were abundant. Lesser waterparsnip *Berula erecta*, water mint *Mentha aquatica*, meadowsweet *Filipendula ulmaria* and water forget-menot *Myosotis scorpioides* were also recorded but appeared to be less frequent

- 2. One of the ponds towards the centre of the site is listed as a separate SNCI called Beckingham Ranges Pool. (SK874547). This site is surrounded by a dense area of trees and shrubs etc and is also fenced off. It was therefore not possible to fully survey this pond and as such few species were recorded, however there was a stand of Galingale *Cyperus longus* recorded during the 2008 survey at SK8752.5471.
- 3. There were, in a few places, chiefly associated either with old farm buildings, or adjacent to the firing ranges, extensive patches dominated by tall ruderals such as creeping thistle *Cirsium arvense*, nettle *Urtica dioica*, teasel *Dipsacus fullonum*, and bristly oxtongue *Picris echioides*; these were, apparently, deliberately left for birds. There were many other ruderals present on the site, chiefly associated with roads, paths and buildings. Arable land in the north-east of the site is bordered by a similar floral community, with patches of woodland.
- 4. Dry semi-improved neutral grassland towards the eastern and western edges of the sites (away from the damper ground around the river) is grazed short and dominated by crested dog's tail with areas where timothy grass *Phleum pratense*, meadow barley *Hordeum secalinum* and sweet vernal grass *Anthoxanthum odoratum* are abundant. In such areas common centaury *Centaurea erythraea*, yellow oat-grass *Trisetum flavescens* and common knapweed *Centaurea nigra* are frequent. Ridge and furrow was present in a few places, though it was generally more obvious on air photographs than on the ground.
- 5. Some of the damper grazing land consists of semi-improved neutral grassland which is cut for hay, but, particularly in the lower-lying areas beside the River Witham where it grades into wetland. This damp grassland habitat consists of neutral grassland/rough grazing, dominated by tufted hair-grass *Deschampsia cespitosa*, often accompanied either by odd tussocks of rushes *Juncus* spp. or, more usually, by odd patches of ruderals such as creeping thistle *Cirsium arvense* or spear thistle *Cirsium vulgare*. The most interesting plant seen in this habitat was great burnet *Sanguisorba officinalis*. Meadow barley also seemed to occur frequently close to the River Witham.

The adjacent site Four Acre Wood, was also briefly surveyed. It is an area of mature plantation woodland which consisted mainly of standard pedunculate oak *Quercus robur*, though a few old field maple *Acer campestre* and crab apples *Malus sylvestris* were present on the margins. The ground flora was limited, due to military activities, but did include a little dog's mercury *Mercurialis perennis* and a few male fern *Dryopteris filix-mas*. There are, in addition, a number of newish plantation woodlands scattered across the site. A few of these have been planted up with conifers, but the majority have been planted with native species. At present the ground flora consists mainly of rank grasses and ruderals.

Also noteworthy is a small orchard attached to Stapleford Grange (SK8712.5631). (The BAP definition counts five fruit trees or more as an orchard) This one contained several apples, some plums and a large pear. Identifying the cultivars is a matter for specialists, but they might be of interest.

Incidental records of fauna from the site include reed bunting *Emberiza schoeniclus*, common frog *Rana temporaria*, seven-spotted ladybird Coccinella septempunctata, yellow meadow ant *Lasius flavus*, red darter *Sympetrum striolatum*, peacock butterfly *Inachis io*, brimstone *Gonepteryx rhamni*, painted lady *Cynthia cardui*, large white *Pieris brassicae*, small white *Pieris rapae*, common blue *Polyommatus icarus*, small tortoiseshell *Aglais urticae*, green-veined white *Pieris napi*, speckled wood *Pararge aegeria*, and many bumblebees (mainly red-tailed bumblebee *Bombus lapidarius*, carder bee *Bombus pascorum*, buff-tailed bumblebee *Bombus terrestris*).

Additional features

Veteran / pollarded trees	
Planted specimen trees	х
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	

Anthills	Х
Bare ground	
Rock outcrops	
Steep slopes	Х
South facing slopes	
Ridge and furrow	Х

Areas with frequent / prolonged flooding		
Seasonally wet / damp areas		
Earthworks / hummocky ground		
Ditches – shallow / deep		
Hedgerows – spp rich / poor		
Access / visibility		
Educational potential		

Appropriate management	х	No grazing / cutting		Silage / hay / hay with grazing	х
Inappropriate management		Grazing by cattle	х	Mowing and non-removal	
Scrub encroachment		Grazing by sheep	х	Frequent short mowing	

Scrub removal	
Coppicing / selective felling	Х
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Bryophytes recorded:

Aphanorrhegma patens Barbula unguiculata Brachythecium rutabulum Bryum dichotomum Calliergonella cuspidata Ceratodon purpureus Didymodon fallax Didymodon insulanus Drepanocladus aduncus Fissidens taxifolius Funaria hygrometrica Hypnum cupressiforme Kindbergia praelonga Mnium hornum Pseudoscleropodium purum Rhytidiadelphus squarrosus Tortula ruralis Weissia sp.

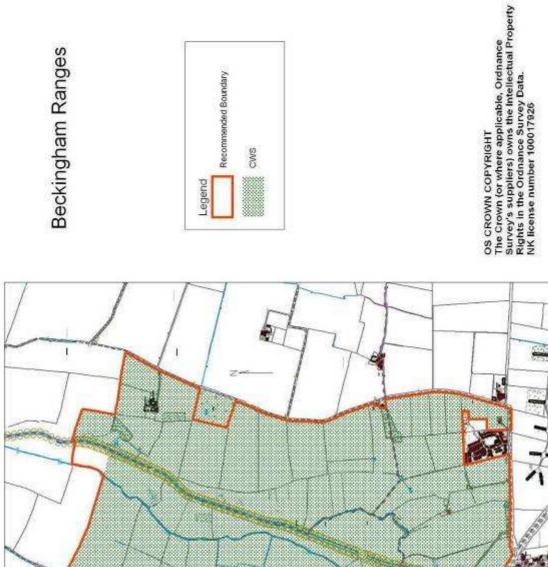
Beckingham Ranges	16/09/2008 & 31/07/09
Scientific Name	Common Name
Acer campestre	Field Maple
Acer pseudoplatanus	Sycamore
Achillea millefolium	Yarrow
Achillea ptarmica	Sneezewort
Aesculus hippocastanum	Horse-chestnut
Agrimonia eupatoria	Agrimony
Agrostis capillaris	Common Bent
Agrostis gigantea	Black Bent
Agrostis stolonifera	Creeping Bent
Alisma plantago-aquatica	Water Plantain
Alnus glutinosa	Alder
Anagallis arvensis	Scarlet Pimpernel
Angelica sylvestris	Wild Angelica
Anisantha sterilis	Barren Brome
Anthoxanthum odoratum	Sweet Vernal-grass
Anthriscus sylvestris	Cow Parsley
Arctium lappa	Greater Burdock
Arrhenatherum elatius	False Oat-grass
Artemisia vulgaris	Mugwort
Atriplex prostrata	Spear-leaved Orache
Bellis perennis	Daisy
Berula erecta	Lesser Water-parsnip
Betula pendula	Silver Birch
Brachypodium pinnatum	Tor-grass
Brachypodium sylvaticum	Wood False-brome
Bromus commutatus	Meadow Brome
Bryonia dioica	White Bryony
Callitriche stagnalis	Common Water-starwort

Beckingham Ranges	16/09/2008 & 31/07/09			
Scientific Name	Common Name			
Carduus nutans	Musk Thistle			
Carex flacca	Glaucous Sedge			
Carex hirta	Hairy Sedge			
Carex otrubae	False Fox-sedge			
Carex panicea	Carnation Sedge			
Centaurea nigra	Common Knapweed			
Centaurium erythraea	Common Centaury			
Cerastium fontanum	Common Mouse-ear			
Cerastium glomeratum	Sticky Mouse-ear			
Chamerion angustifolium	Rosebay Williowherb			
Chara aspera	stonewort			
Chenopodium album	Fat-hen			
Chenopodium rubrum	Red Goosefoot			
Cirsium acaule	Dwarf Thistle			
Cirsium arvense	Creeping Thistle			
Cirsium palustre	Marsh Thistle			
Cirsium vulgare	Spear Thistle			
Conium maculatum	Hemlock			
Convolvulus arvensis	Field Bindweed			
Cornus sanguinea	Dogwood			
Coronopus squamatus	Swine-cress			
Corylus avellana	Hazel			
Crataegus monogyna	Hawthorn			
Cynosurus cristatus	Crested Dog's-tail			
Cyperus longus	Galingale			
Dactylis glomerata	Cock's-foot			
Deschampsia cespitosa	Tufted Hair-grass			
Dipsacus fullonum	Wild Teasel			
, Dryopteris filix-mas	Male-fern			
Elymus caninus	Bearded Couch			
Elytrigia repens	Common Couch			
Epilobium hirsutum	Great Willowherb			
Epilobium montanum	Broad-leaved Willowherb			
Epilobium tetragonum	Square-stemmed Willowherb			
Erigeron acer	Blue Fleabane			
Fagus sylvatica	Beech			
Festuca gigantea	Giant Fescue			
Festuca rubra	Red Fescue			
Filipendula ulmaria	Meadowsweet			
Frangula alnus	Alder Buckthorn			
Fraxinus excelsior	Ash			
Galium aparine	Cleavers			
Galium verum	Lady's Bedstraw			
Geranium pusillum	Small-flowered Crane's-bill			
Geranium robertianum	Herb-Robert			
Geum urbanum	Wood Avens			
Glechoma hederacea	Ground-ivy			
Glyceria fluitans	Floating Sweet-grass			
Glyceria maxima	Reed Sweet-grass			
Gnaphalium uliginosum	Marsh Cudweed			
Heracleum sphondylium	Hogweed			

Beckingham Ranges	16/09/2008 & 31/07/09		
Scientific Name	Common Name		
Holcus lanatus	Yorkshire-fog		
Holcus mollis	Creeping Soft-grass		
Hordeum murinum	Wall Barley		
Hordeum secalinum	Meadow Barley		
Hypericum perforatum	Perforate St John's-wort		
Hypericum tetrapterum	Square-stalked St John's-wort		
Juncus acutiflorus	Sharp-flowered Rush		
Juncus articulatus	Jointed Rush		
Juncus conglomeratus	Compact Rush		
Juncus effusus	Soft-rush		
Juncus inflexus	Hard Rush		
Lactuca serriola	Prickly Lettuce		
Lamium album	White Dead-nettle		
Lathyrus pratensis	Meadow Vetchling		
Leontodon autumnalis	Autumn Hawkbit		
Leontodon hispidus	Rough Hawkbit		
Leucanthemum vulgare	Oxeye Daisy		
Ligustrum vulgare	Wild Privet		
Linum catharticum	Fairy Flax		
Lolium perenne	Perennial Rye-grass		
Lotus corniculatus	Common Bird's-foot-trefoil		
Lotus pedunculatus	Greater Bird's-foot-trefoil		
Lycopus europaeus	Gypsywort		
Lythrum salicaria	Purple-loosestrife		
Malus domestica	Apple		
Malus sylvestris	Crab Apple		
Medicago lupulina	Black Medick		
Mentha aquatica	Water Mint		
Mercurialis perennis	Dog's Mercury		
Myosotis scorpioides	Water Forget-me-not		
Myosoton aquaticum	Water Chickweed		
Myriophyllum spicatum	Spiked Water-milfoil		
Nuphar lutea	Yellow Water-lily		
Nymphaea alba	White Water-lily		
Odontites vernus	Red Bartsia		
Persicaria amphibia	Amphibious Bistort		
Persicaria maculosa	Redshank		
Phalaris arundinacea	Reed Canary-grass		
Phleum pratense	Timothy		
Phragmites australis	Common Reed		
Picris echioides	Bristly Oxtongue		
Pinus sylvestris	Scots Pine		
Plantago lanceolata	Ribwort Plantain		
Plantago major	Greater Plantain		
Poa annua	Annual Meadow-grass		
Polygonum aviculare	Knotgrass		
Potamogeton pectinatus	Fennel Pondweed		
Potamogeton pusillus	Lesser Pondweed		
Potentilla anserina	Silverweed		
Potentilla reptans	Creeping Cinquefoil		
Primula veris	Cowslip		

Beckingham Ranges	16/09/2008 & 31/07/09
Scientific Name	Common Name
Prunella vulgaris	Selfheal
Prunus avium	Wild Cherry
Prunus domestica	Wild Plum
Prunus spinosa	Blackthorn
Quercus robur	Pedunculate Oak
Ranunculus acris	Meadow Buttercup
Ranunculus bulbosus	Bulbous Buttercup
Ranunculus circinatus	Fan-leaved Water-crowfoot
Ranunculus repens	Creeping Buttercup
Ranunculus sceleratus	Celery-leaved Buttercup
Rorippa nasturtium-aquaticum	Water-cress
Rosa arvensis	Field-rose
Rosa canina	Dog Rose
Rubus fruticosus agg.	Bramble
Rumex acetosa	Sorrel
Rumex crispus	Curled Dock
Rumex hydrolapathum	Water Dock
Rumex obtusifolius	Broad-leaved Dock
Rumex sanguineus	Wood Dock
Salix alba	White Willow
Salix caprea	Goat Willow
Salix cinerea	Grey Willow
Salix fragilis	Crack-willow
Salix viminalis	Osier
Sambucus nigra	Elder
Sanguisorba officinalis	Great Burnet
Schoenoplectus lacustris	Common Club-rush
Scrophularia auriculata	Water Figwort
Senecio erucifolius	Hoary Ragwort
Senecio jacobaea	Common Ragwort
Senecio viscosus	Sticky Groundsel
Senecio vulgaris	Groundsel
Solanum dulcamara	Bittersweet
Solanum nigrum	Black Nightshade
Sonchus arvensis	Perennial Sow-thistle
Sonchus oleraceus	Smooth Sow-thistle
Stachys officinalis	Betony
Stachys sylvatica	Hedge Woundwort
Stellaria media	Common Chickweed
Succisa pratensis	Devil's-bit Scabious
Tamus communis	Black Bryony
Taraxacum agg.	Dandelion
Torilis japonica	Upright Hedge-parsley
Trifolium pratense	Red Clover
Trifolium repens	White Clover
Tripleurospermum inodorum	Scentless Mayweed
Trisetum flavescens	Yellow Oat-grass
Tussilago farfara	Colt's-foot
Typha latifolia	Bulrush
Ulex europaeus	Gorse
Ulmus procera	English Elm

Beckingham Ranges	16/09/2008 & 31/07/09
Scientific Name	Common Name
Urtica dioica	Common Nettle
Verbascum thapsus	Great Mullein
Veronica beccabunga	Brooklime
Veronica catenata	Pink Water-Speedwell
Veronica chamaedrys	Germander Speedwell
Veronica persica	Common Field-speedwell
Veronica serpyllifolia	Thyme-leaved Speedwell
Vicia cracca	Tufted Vetch
Vulpia bromoides	Squirreltail Fescue



THAN

A.6

0.8

cilometres

Site Summary		
Site Name	Stapleford Moor	
Grid ref.	SK 865 587	
Area (ha.)	127.8	
Parish	Stapleford	
District	North Kesteven	

Existing	County Wildlife Site (CWS)
Status	Site of Nature Conservation Importance (SNCI)
	Note: The SNCI and CWS boundaries differ slightly in the north with the
	CWS encompassing an additional non-woodland area. This area is now
	managed as a concrete quarry and was not surveyed.

Selection	HE2: Other heathland and acid grassland at least 0.1ha in extent, or		
Criteria Met	linear areas at least 50m long, with a minimum species index score of 8.		
	Comment : The main habitat on site is woodland however it falls one		
	point short of qualifying under this criterion.		

Species	15 species from Table 4 of the Local Wildlife Site Guidelines for					
Index score	designation of heathland/Acid Grassland were present on site.					
	Calluna vulgaris	Calluna vulgaris Erodium cicutarium Polygala serpyllife				
	Cytisus scoparius	Festuca ovina	Potentilla anglica			
	Danthonia decumbens	Galium saxatile	Potentilla erecta			
	Deschampsia	Hypochaeris radicata	Rumex acetosella			
	cespitosa					
	Erica tetralix	Molinia caerulea	Ulex europaeus			

Additional	This site has a few very limited patches of remnant heath and acid
comments	grassland however where this habitat is present it supports many indicator species.
	Consider for heathland restoration (clear felling of plantation and

suitable heathland management)
The original CWS boundary includes an area to the north of the site
which is an active quarry site and therefore should be excluded from the
site

Recommendations

This site is recommended for designation as a Local Wildlife Site (LWS) following the SNCI boundary (excluding Norton Bottoms quarry located to the north of the site).

Site name	Grid reference								
Stapleford Moor	s	К	8	6	5	5	8	7	Lincolnohiro
Site sub-division	Da	ate					1	1	Lincolnshire
	2	1	1	0	9	0		9	Environmental
	0	2	2	0	9	0		8	Records
Recorder(s)	Ti	me	on	site	Э				
CR Stevenson, Alex Prendergast, Tracy Simpson			6	hrs		0	mi	ns	Centre
•			3	hrs		0	mi	ns	

Μ

Habitats (M = main, A = additional)

Woodland – semi-nat / plantation	
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	х
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

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Management Plan	х
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached) Formerly open grassland/moor, planted with conifers in 1955.

Like most Forestry Commission sites this one was quite varied, according to compartment, It is now largely under coniferous plantation (Scots pine *Pinus sylvestris* with silver birch *Betula pendula* and mountain ash *Sorbus aucuparia*) with broadleaved woodland on the edges and in discrete patches in the north and south-east. Very limited areas of acid grassland/heath exist in small clearings in the north of the wood which despite their small size supported a good diversity of species typical of this habitat type. This indicates that the site would respond well to heathland restoration if it were to take place. The soil across most of the site is a layer of peaty humus over sand. No evidence of heathland restoration works was noted during the survey.

Broadleaf woodland is dominated by pedunculate oak *Quercus robur* and silver birch with frequent mountain ash and downy birch *Betula pubescens*. Coppiced hazel *Corylus avellana* is frequent on the edges and red oak *Quercus rubra* is planted along part of the northern edge. The woodland ground flora includes a few species of note such as scaly male fern *Dryopteris affinis*, narrow buckler-fern *Dryopteris carthusiana* and wood millet *Milium effusum*. Oregon grape *Mahonia aquifolium* and *Rhododendron ponticum* are occasional throughout the wood and are likely to become pests if allowed to establish. A dense cover of bramble *Rubus fruticosus* agg. was present in some compartments and in some places bracken *Pteridium aquilinum* dominated.

Some of the bigger rides have had a crushed limestone pavement laid down, which resulted in some odd occurrences, such as Hairy St John's-wort *Hypericum hirsutum*, as well as large quantities of the liverwort *Pellia endiviifolia*, another calcicole. In general, however, the flora along the rides was made up of common ruderals (often in small quantity) or plants of damp or acid ground. The most noteworthy of these were trailing tormentil *Potentilla anglica* and heath speedwell *Veronica officinalis*. Both grew in at least a couple of places (NB The *P. anglica* populations probably need to be looked at more critically in view of the presence of hybrids etc.).

Many of the smaller paths were very wet and largely fringed by purple moor-grass *Molinia caerulea*; this was also frequent under the trees in some places. Creeping bent *Agrostis stolonifera* was also one of the main components of grassy rides, though ferns and bramble were frequent as invaders too.

There were a few drains crossing the site, but these were generally very choked and overgrown by bramble and other scrub. They would certainly benefit from more regular clearing. More regular mowing of rides and paths would also be beneficial.

There were relatively few patches of acid grassland and remnant heath and whilst there were a good number of typical acid grassland/heathland species the abundance overall was low. The western part of the woodland called Turfmoor (around SK87587 actually in Nottinghamshire) was the only place where Ling (*Calluna vulgaris*) and cross-leaved heath *Erica tetralix* both grew. Odd plants of Ling grew elsewhere on the site – though never in quantity. This area gives an indication of what much of the Lincolnshire portion of the site could easily be restored to support similar or better acid habitat. The clearings are dominated by sheep's fescue *Festuca ovina* which forms a low tussocky sward with patches of common bent *Agrostis capillaris* and red fescue *Festuca rubra*, and occasional other grasses such as wavy hair-grass *Deschampsia flexuosa*. Forbs are rather sparse but species present include heath bedstraw *Galium saxatile*, cat's-ear *Hypochaeris radicata*, sheep's sorrel *Rumex acetosella*, tormentil *Potentilla erecta*, heath speedwell *Veronica officinalis* and heath milkwort *Polygala serpyllifolia*. *Cladonia fimbriata* and *Cladonia furcata* are frequent. Broom *Cytisus scoparius* and gorse *Ulex europaeus* are present in other open areas of the wood.

Numerous anthills of yellow meadow ant *Lasius flavus* were present in the grassland. Shaded areas around the edges of these areas of grassland and throughout much of the northern part of the wood support a similar community of grasses with additional purple moor grass *Molinia caerulea*, but even fewer forbs and would probably benefit from sensitive felling of the trees to expand the area of interest.

A large number of fungus species were recorded from the site including *Xerocomus chrysenteron*, *Russula* ochroleuca, Hypholoma fasciculare, Ganoderma applanatum, Phallus impudicus, Pittoporus betulinus, Amanita citrina, Amanita rubescens and Paxillus involutus.

Incidental records of fauna from the site include rabbit *Oryctolagus cuniculus*, fox *Vulpes vulpes*, grey squirrel *Sciurus carolinensis*, common toad *Bufo bufo.*, robin *Erithacus rubecula*, tawny owl *Strix aluco*, woodpigeon *Columba palumbus*, pheasant *Phasianus colchicus*, speckled wood *Pararge aegeria*, small heath *Coenonympha pamphilus* and large white *Pieris brassicae* butterflies.

Vegetation by FC area

1006 16 Coniferous plantation, more open in southeast

1005 17 Coniferous plantation, mixed on western edge

1002 18 Coniferous plantation, mixed with shaded heath elements towards north.

<u>1003 33</u> Coniferous plantation, minor heath elements. Remnant deciduous woodland on northern and eastern edges

1004 28 Coniferous plantation in north, deciduous towards south and east.

1001 17 (Nottinghamshire) Mixed plantation. Small section of remnant heath/acid grassland in open areas.

Additional features

Veteran / pollarded trees	
Planted specimen trees	х
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	х

Management

U	
Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

AnthillsxBare groundRock outcropsSteep slopesSouth facing slopesRidge and furrow

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	х
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	х

Bryophytes recorded:

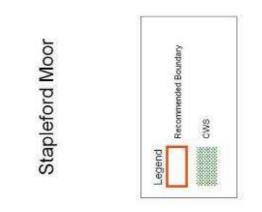
Amblystegium serpens Atrichum undulatum Barbula convoluta Brachythecium rutabulum Bryum pseudotriquetrum Bryum subelegans Calliergonella cuspidata Campylopus introflexus Cratoneuron filicinum Dicranella cerviculata Dicranella heteromalla Dicranoweissia cirrata Dicranum scoparium Didymodon insulanus Hypnum cupressiforme Hypnum jutlandicum Kindbergia praelonga Lophocolea heterophylla Mnium hornum Orthodontium lineare Orthotrichum affine Orthotrichum diaphanum Orthotrichum lyellii Pellia endiviifolia Pellia epiphylla Plagiomnium affine Plagiomnium undulatum Plagiothecium curvifolium Pleurozium schreberi Polytrichum formosum Pseudoscleropodium purum Pseudotaxiphyllum elegans Rhynchostegium confertum Rhytidiadelphus squarrosus Ulota bruchii

Stapleford Moor	02/09/08 & 21/09/09	21/09/2009	
Scientific Name	Common Name	DAFOR Score	
Acer pseudoplatanus	Sycamore	F	DAFOR Scale
Achillea millefolium	Yarrow	R	D = Dominant
Agrostis capillaris	Common Bent	0	A = Abundant
Agrostis stolonifera	Creeping Bent	0	F = Frequent
Alchemilla mollis	Lady's Mantle	R	O = Occasional
Anthriscus sylvestris	Cow Parsley	F	R = Rare
Aphanes arvensis agg.	Parsley-piert	R	
Arctium minus	Lesser Burdock	0	L = Locally
Arrhenatherum elatius	False Oat-grass	0	(P) = Planted
Artemisia vulgaris	Mugwort	0	
Athyrium filix-femina	Lady-fern	R	
Bellis perennis	Daisy	LF	
Betula pendula	Silver Birch	F	
Betula pubescens	Downy Birch	F	
Brachypodium sylvaticum	Wood False-brome	F	
Brachypodium sylvaticum	False-brome	F	
Callitriche stagnalis	Common Water-starwort	R	
Calluna vulgaris	Common Heath	LF	
Cardamine flexuosa	Wavy Bitter-cress	R	
Carex flacca	Glaucous Sedge	R	
Carex hirta	Hairy Sedge	R]
Carex sylvatica	Wood-sedge	0	
Carex viridula subsp. oedocarpa	Common Yellow-sedge	R	

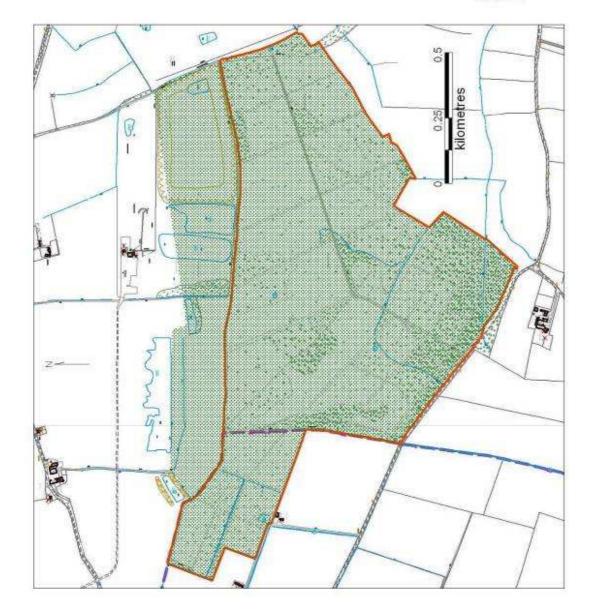
Stapleford Moor	02/09/08 & 21/09/09	21/09/2009
Scientific Name	Common Name	DAFOR Score
Centaurea nigra	Common Knapweed	R
Centaurium erythraea	Common Centaury	R
Cerastium fontanum	Common Mouse-ear	R
Ceratocapnos claviculata	Climbing Corydalis	0
Chamerion angustifolium	Rosebay Williowherb	F
Circaea lutetiana	Enchanter's-nightshade	F
Cirsium arvense	Creeping Thistle	0
Cirsium palustre	Marsh Thistle	R
Cirsium vulgare	Spear Thistle	0
Conyza canadensis	Canadian Fleabane	R
Corylus avellana	Hazel	LF
Crataegus monogyna	Hawthorn	F
Crepis capillaris	Smooth Hawk's-beard	LF
Cytisus scoparius	Broom	0
Dactylis glomerata	Cock's-foot	0
Danthonia decumbens	Heath-grass	R
Deschampsia cespitosa	Tufted Hair-grass	F
Deschampsia flexuosa	Wavy Hair-grass	LF
Digitalis purpurea	Foxglove	0
Dryopteris affinis	Scaly Male-fern	0
Dryopteris carthusiana	Narrow Buckler-fern	R
Dryopteris dilatata	Broad Buckler-fern	F
Dryopteris filix-mas	Male-fern	F
Epilobium hirsutum	Great Willowherb	F
Epilobium montanum	Broad-leaved Willowherb	0
Equisetum arvense	Field Horsetail	0
Erica cinerea	Bell Heather	LF
Erica tetralix	Cross-leaved Heath	R
Erodium cicutarium	Common Stork's-bill	0
Euphrasia agg.	Common Eyebright	R
Festuca gigantea	Giant Fescue	R
Festuca ovina	Sheep's-fescue	LD
Festuca rubra	Red Fescue	F
Filipendula ulmaria	Meadowsweet	0
, Fraxinus excelsior	Ash	R
Galeopsis tetrahit	Common Hemp-nettle	R
, Galium saxatile	Heath Bedstraw	LA
Geranium molle	Dove's-foot Crane's-bill	R
Geranium pusillum	Small-flowered Crane's-bill	R
Geranium robertianum	Herb-Robert	0
Geum urbanum	Wood Avens	F
Glyceria fluitans	Floating Sweet-grass	R
Heracleum sphondylium	Hogweed	0
Hieracium agg.	Hawkweed	R
Holcus lanatus	Yorkshire-fog	LF
Holcus mollis	Creeping Soft-grass	LF
Hordeum murinum	Wall Barley	R
Hypericum hirsutum	Hairy St John's-wort	LF
Hypericum perforatum	Perforate St John's-wort	LF
Hypochaeris radicata	Cat's-ear	LF

Stapleford Moor	02/09/08 & 21/09/09	21/09/2009
Scientific Name	Common Name	DAFOR Score
llex aquifolium	Holly	0
Juncus articulatus	Jointed Rush	R
Juncus bufonius agg.	Rush	0
Juncus effusus	Soft-rush	F
Lapsana communis	Nipplewort	F
Leontodon autumnalis	Autumn Hawkbit	F
Lolium perenne	Perennial Rye-grass	LF
Lonicera periclymenum	Honeysuckle	F
Lotus pedunculatus	Greater Bird's-foot-trefoil	LF
Lycopus europaeus	Gypsywort	
Lysimachia nemorum	Yellow Pimpernel	0
Mahonia aquifolium	Oregon-grape	0
Malus domestica	Apple	R
Medicago lupulina	Black Medick	0
Milium effusum	Wood Millet	0
Molinia caerulea	Purple Moor Grass	F
Myosotis laxa	Tufted Forget-me-not	R
Odontites vernus	Red Bartsia	R
Persicaria hydropiper	Water-pepper	LF
Persicaria maculosa	Redshank	0
Phragmites australis	Common Reed	R
Pinus sylvestris	Scots Pine	D
Plantago lanceolata	Ribwort Plantain	0
Poa annua	Annual Meadow-grass	F
Polygonum aviculare	Knotgrass	0
Populus tremula	Aspen	LF
Potentilla anglica	Trailing Tormentil	
Potentilla erecta	Tormentil	
Potentilla reptans	Creeping Cinquefoil	0
Prunella vulgaris	Selfheal	0
Prunus spinosa	Blackthorn	LF
Pteridium aquilinum	Bracken	
Quercus robur	Pedunculate Oak	LD
Quercus rubra	Red Oak	LD
Ranunculus repens	Creeping Buttercup	0
Rhododendron ponticum	Rhododendron	0
Rosa canina	Dog Rose	0
Rubus fruticosus agg.	Bramble	A
Rumex acetosella	Sheep's Sorrel	A
Rumex obtusifolius	Broad-leaved Dock	F
Rumex sanguineus	Wood Dock	F
Sagina procumbens	Procumbent Pearlwort	R
Salix caprea	Goat Willow	0
Salix cinerea	Grey Willow	0
Sambucus nigra	Elder	F
Scrophularia auriculata	Water Figwort	R
Senecio jacobaea	Common Ragwort	0
Silene dioica	Red Campion	F
Sonchus arvensis	Perennial Sow-thistle	0
Sorbus aucuparia	Rowan	F

Stapleford Moor	02/09/08 & 21/09/09	21/09/2009
Scientific Name	Common Name	DAFOR Score
Stachys sylvatica	Hedge Woundwort	F
Stellaria media	Common Chickweed	F
Stellaria uliginosa	Bog Stitchwort	R
Taraxacum agg.	Dandelion	0
Teucrium scorodonia	Wood Sage	0
Torilis japonica	Upright Hedge-parsley	0
Trifolium repens	White Clover	0
Tsuga heterophylla	Western Hemlock	0
Ulex europaeus	Gorse	0
Ulmus minor	Small-leaved Elm	0
Urtica dioica	Common Nettle	F
Veronica beccabunga	Brooklime	LF
Veronica chamaedrys	Germander Speedwell	0
Veronica officinalis	Heath Speedwell	LF
Veronica serpyllifolia	Thyme-leaved Speedwell	LF
Viola canina	Heath Dog-violet	LF
Viola riviniana	Common Dog-violet	0



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Site Summary		
Site Name	Stapleford Wood	
Grid Ref.	SK 860 563	
Area (ha.)	227.34	
Parish	Stapleford	
District	North Kesteven	

Existing	Site of Nature Conservation Importance (SNCI)		
Status	County Wildlife Site (CWS)		
	Note: The SNCI and CWS boundaries differ slightly in the south-east,		
	with the CWS encompassing an additional non-woodland area. The		
	latter is within the MoD Beckingham Ranges estate and is managed as		
	arable land.		
	The survey followed the SNCI boundary.		

Selection	WD1 and WD1a: All semi natural ancient and ancient re-planted				
Criteria met	weedland listed in Netural England's Ansiant Meedland Inventory				
	In addition, some sub-divisions contain other qualifying habitats as follows:				
	Sub-division A has rides with a good range of acid grassland/heathland species that qualify under HE2 , with a total of 12 species from Table 4 of the Local Wildlife Site Guidelines (compared with 15 for the site overall). It also has 10 species from Table 5 of the Local Wildlife Site Guidelines for designation of acid peatland . However - though peaty accumulations occur in some of the damper areas - there are no true areas of acid peatland habitat.				
	Sub-division B also has rides with qualifying areas of acid grassland/heathland (HE2) , though these are both less extensive and less species rich (9 qualifying species) than sub-division A. It also has 5 qualifying species for acid peatland , though again there are no true areas of this habitat.				

Sub-divisions C and D have some acid grassland along their rides but these fail to qualify under HE2 (7 & 5 qualifying species respectively), though it is possible that further survey would add to the lists. Subdivision D also has good quality standing water habitat in the form of the central drain. This qualifies under Sta2 with a species index score of 8 from Table 6.

Species	Nine species from Table 1 of the Local Wildlife Site Guidelines for			
index score	designation of woodlands and parklands were present.			
	Athyrium filix-femina	Corylus avellana	Populus tremula	
	Carex pendula	Hypericum hirsutum	Scrophularia nodosa	
	Carex sylvatica	Oxalis acetosella	Veronica officinalis	

Species	Fifteen species from Table 4 of the Local Wildlife Site Guidelines for				
index score	designation of Heathland/Acid Grassland were present.				
	Agrostis canina	Luzula multiflora			
	Arenaria serpyllifolia	Deschampsia flexuosa	Molinia caerulea		
	Calluna vulgaris	Galium saxatile	Potentilla erecta		
	Carex ovalis	Hypochaeris radicata	Rumex acetosella		
	Carex pilulifera	Juncus squarrosus	Ulex europaeus		

Species	Ten species from Table 5 of the Local Wildlife Site Guidelines for					
index score	designation of acid peatland were present.					
	Agrostis canina Carex viridula Juncus squarrosus					
	Calluna vulgaris	Juncus bufonius	Molinia caerulea			
	Carex binervis	Juncus bulbosus	Stellaria uliginosa			
	Carex pilulifera					

Species	Sixteen species from Table 7 of the Local Wildlife Site Guidelines for					
index score	designation of standing freshwater habitats were present					
	Alisma plantago- aquatica	Lythrum salicaria	Phalaris arundinacea			
	Berula erecta	Nitella flexilis var. flexilis (Characeae)	Phragmites australis			

Callitriche sp.	Potamogeton natans	Scrophularia auriculata
Carex riparia	Ranunculus peltatus	Sparganium erectum
Glyceria fluitans	Rorippa nasturtium- aquaticum	Typha latifolia
Glyceria maxima		

Additional	The following additional woodland indicators were recorded during the			
comments	1978 survey and may still be present:			
	Dryopteris carthusiana			
	Hypericum humifusum			
	Hypericum pulchrum			
	 Ongoing management aims to selectively replace conifers with broadleaved woodland. There is also some control of invasive species such as rhododendron. Other recommendations include: more regular mowing and widening of some of the rides, to encourage acid grassland and the growth of ling heather; opening up and more frequent clearing of drains; Filling/blocking of some of the less important drains, to produce damper ground surface conditions and encourage wet woodland/acid peatland species. 			
	Across the whole site a sufficiently high number of neutral grassland species were recorded to meet the criteria NG1; however no one section surveyed during 2009 met this criterion. Furthermore it was considered that there were no areas of true neutral grassland habitat on site and as such the site is not recommended for consideration under this criterion.			

Recommendations

This site is recommended for designation as a Local Wildlife site (LWS) following the existing SNCI boundary (i.e. that it excludes the arable area in the south-east).

Site name	Gri	Grid reference							
Stapleford Wood	S	К	8	6	0	5	6	3	
Site sub-division	Dat	e							Lincolnshire
Overview (whole site)	0		1	0	9	(0	8	Environmental
	1		2	0	6	(0	9	Records
Recorder(s)	Tin	ne o	n sit	e					
CR Stevenson (2008) B. Nicholson (2009)	1/9/	/08		7 hrs	6	30) mii	ns	Centre
	12/	6/09		6 hrs	5	20) mii	ns	

Woodland – semi-nat / plantation	Ν
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	ŀ
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	ŀ
Heathland / Acid Peatland	ŀ
Bracken	ŀ

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	Α
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

NI 187

Management Plan	Х
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

A very large Forestry Commission site. No attempt was made to identify or list all the different conifers present. Note: the survey excluded The Wood House and Trinity Cottages in the north, which are private residences and non-woodland. The site boundary has therefore been modified accordingly.

Large areas consisted of high forest of planted conifers (e.g. Scot's pine *Pinus sylvestris*, Corsican pine *Pinus nigra ssp. laricio*, western hemlock *Tsuga heterophylla*), with a deeply shaded floor which mainly supported ferns such as Broad Buckler Fern *Dryopteris dilatata* or Bracken *Pteridium aquilinum*. There were a few permanent clearings, particularly at the northern end of the site, but also some extensive areas of recent felling; according to age, these were either relatively open, but with a good ground cover of Bramble *Rubus fruticosus* agg, or were covered with a dense re-growth of sapling trees – usually of Birch *Betula* spp. Birch species were also often prominent as a shrub layer under the main tree canopy, along with Rhododendron *Rhododendron ponticum* and Grey Willow *Salix cinerea*. Other broadleaved trees are generally restricted to the margins of the compartments, where they include Pedunculate Oak *Quercus robur*, Ash *Fraxinus excelsior* and Rowan *Sorbus aucuparia*, amongst others. There are some small areas of Beech *Fagus sylvatica* plantation, plus occasional planted specimens of Lime *Tilia x europaea*, Horse Chestnut *Aesculus hippocastanum* and London Plane *Platanus x hispanica* along roadsides, around car parks etc.

In the more open areas the rides support an acid grassland flora, dominated by species such as Common Bent *Agrostis capillaris* and Wavy Hair-grass *Deschampsia flexuosa*. Typical associates include Heath Woodrush *Luzula multiflora*, Heath Bedstraw *Galium saxatile*, Green-ribbed sedge *Carex binervis*, Tormentil *Potentilla erecta* and occasionally, Ling *Calluna vulgaris*. The latter species is particularly abundant on ride margins in sub-division A, where the vegetation has more of a heathland character. In damper Compact Rush *Juncus conglomeratus*, Soft Rush *Juncus effusus*, Water-pepper *Persicaria hydropiper* and Purple Moor-grass *Molinia caerulea* were all frequent.

Some rides were colonised by a more mesotrophic flora comprising common ruderals and coarse grasses, such as Cock's-foot *Dactylis glomerata* or False Oat-grass *Arrhenatherum elatius*, though in places more interesting species such as Hairy St. John's-wort *Hypericum hirsutum*, Corn Mint *Mentha arvensis*, Musk Mallow *Malva moschata* and Marsh Cudweed *Gnaphalium uliginosum* also occurred. Where the rides bordered ditches and dykes then damp loving species such as Common Yellow-sedge *Carex viridula ssp oedocarpa*, marsh thistle *Cirsium palustre* and Greater Bird's-foot Trefoil *Lotus pedunculatus* also occurred.

Some of the rides had had a pavement of crushed limestone put down; particularly where it was damp and shady the calcicole liverwort *Pellia endiviifolia* was often abundant. A small leafy liverwort, *Leiocolea turbinata* was also

found in this habitat; this has now been confirmed as a new Vice County Record by T. Blackstock, the relevant British Bryological Society hepatic referee.

Shallow pools occur in places in hollows along shady sections of the rides. These frequently support flote grass *Glyceria fluitans* and water starwort *Callitriche stagnalis*, whilst one pool in the western part of the site (SK 856 563) supported a small population of the charophyte *Nitella flexilis* var. *flexilis*.

The previous site survey (1978) refers to a stream on the western side: there was deep dyke, but it was heavily overgrown and water movement appeared to be limited, indeed in places it appeared to be completely dry. In other places it was completely choked with species such as Greater Pond Sedge *Carex riparia*, Branched bur-reed *Sparganium erectum* or Reed Sweet-grass *Glyceria maxima*. Although not examined along its whole length, it looked extremely unlikely that it would still support Bog Pimpernel *Anagallis tenella* or Creeping Willow *Salix repens*, two species that were previously recorded here.

Other plants not refound included Cotton Grass *Eriophorum angustifolium*, Narrow Buckler Fern *Dryopteris carthusiana* = *D. spinulosa*, and Lemon-scented Fern (aka Mountain Fern) *Oreopteris limbosperma* = *Thelypteris oreopteris* though they might still hold on in pockets somewhere on such a big site.

A number of other deep drains occur on the site and support a range of aquatic macrophytes and emergent species. A ditch running north-eastwards through sub-division D has a particularly rich flora, including species such as Broadleaved Pondweed *Potamogeton natans*, Pond Water-crowfoot *Ranunculus peltatus*, Water plantain *Alisma plantagoaquatica*, Water Forget-me-not *Myosotis scorpioides*, Branched Bur-reed *Sparganium erectum*, Water Cress *Rorippa nasturtium-aquaticum* and Purple Loosestrife *Lythrum salicaria*, amongst others.

Fauna noted included Brimstone Gonepteryx rhamni; Speckled Wood Pararge aegeria; Large White Pieris brassicae; Common Blue Polyommatus icarus; Small Skipper Thymelicus sylvestris; Broad-bodied Chaser Libellula depressa; Common Lizard Lacerta vivipara; Rabbit Oryctolagus cuniculus; Grey Squirrel Sciurus carolinensis; Green Woodpecker Picus viridis; Cuckoo Cuculus canorus; Chiffchaff Phylloscopus collybita; Chaffinch Fringilla coelebs; Blackbird Turdus merula; Jay Garrulus glandarius; Rook Corvus frugilegus; and Pheasant Phasianus colchicus.

Bryophytes recorded: <u>Atrichum undulatum</u>, Brachythecium rutabulum, Bryum rubens, Calliergonella cuspidata, Campylopus introflexus, Campylopus pyriformis, Ceratodon purpureus, Conocephalum conicum, Cratoneuron filicinum, Dicranella heteromalla, Dicranella varia, Dicranoweissia cirrata, Funaria hygrometrica, Hypnum cupressiforme, Hypnum jutlandicum, Kindbergia praelonga, Leiocolea turbinata, Lepidozia reptans, Leptodictyum riparium, Lophocolea bidentata, Lophocolea heterophylla, Mnium hornum, Orthodontium lineare, Orthotrichum affine, Pellia endiviifolia, Plagiothecium curvifolium, Pohlia melanodon, Pohlia wahlenbergii, Polytrichum formosum Polytrichum juniperinum, Pseudoscleropodium purum, Pseudotaxiphyllum elegans, Rhytidiadelphus squarrosus, Ulota bruchii

Additional features

Veteran / pollarded trees	
Planted specimen trees	х
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	х
Structural diversity	х

Appropriate management		
Inappropriate management		
Scrub encroachment		
Scrub removal	Х	
Coppicing / selective felling		
Re-planting – native / non-native	Х	
Ride mowing (woodland)	Х	
Non-intervention (woodland)		

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	х
Hedgerows – spp rich / poor	
Access / visibility	х
Educational potential	х

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	х

Site name	Grid reference								
Stapleford Wood	S	К	8	6	0	5	5	7	Lincolnshire
Site sub-division	Date						Environmental		
Sub-division A	1	2	2	0	6	;	0	9	Records
Recorder(s)	Tim	Time on site						Centre	
B. Nicholson					2 hr	s	20m	nins	

Woodland – semi-nat / plantation	М
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	А
Neutral Grassland – Unimp / Semi-imp	А
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	А
Damp Grassland / Marsh / Fen	Α
Heathland / Acid Peatland	Α
Bracken	Δ
	A

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	А
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

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Management Plan	Х
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

An area in the south-east of the site bounded by the County boundary to the south, Stapleford Lane to the west, Highfield Drive to the north and open farmland to the east.

Approximately half of the area is still under high forest, mainly western hemlock *Tsuga heterophylla*, Scot's pine *Pinus sylvestris* and Corsican pine *Pinus nigra ssp. laricio*. There is some birch (both *Betula pendula* and *B. pubescens*) and sycamore *Acer pseudoplatanus* regeneration below the conifers in these areas and scattered semimature pedunculate oak *Quercus robur* trees occur on the margins. The understorey is either absent or consists of scattered rhododendron *Rhododendron ponticum* and grey willow *Salix cinerea*. The field layer varies according to the level of shade – in the denser areas it comprises little other than broad buckler fern *Dryopteris dilatata*, whilst in more open sections it includes bramble *Rubus fruticosus* agg., bracken *Pteridium aquilinum* plus occasional forbs such as herb robert *Geranium robertianum*, broad-leaved willowherb *Epilobium montanum* and sweet violet *Viola odorata*. Mosses such as *Mnium hornum* and *Polytrichum formosum* are also frequent.

Several large coupes have been clear felled, though scattered broadleaves such a pedunculate oak have often been left where present. Birch is regenerating prolifically in these areas, in places forming dense impenetrable thickets now several metres in height. Little grows amongst the birch in these areas, apart from some regenerating pine, rhododendron, bramble and bracken.

The open rides adjacent to clear fell areas often support acid grassland/heathland vegetation. Ling *Calluna vulgaris* is frequent in places, as is purple moor grass *Molinia caerulea*. Other typical species include heath rush *Juncus squarrosus*, green-ribbed sedge *Carex binervis*, heath wood-rush *Luzula multiflora*, velvet bent *Agrostis canina*, wavy hair-grass *Deschampsia flexuosa*, heath bedstraw *Galium saxatile*, tormentil *Potentilla erecta* and heath speedwell *Veronica officinalis*. Other sections have a damp grassland flora, with cock's-foot *Dactylis glomerata*, rough meadow grass *Poa trivialis*, soft rush *Juncus effusus*, compact rush *J. conglomeratus*, marsh thistle *Cirsium palustre*, large bird's-foot-trefoil *Lotus pedunculatus* etc.

The more heavily shaded rides within the conifer areas are generally damp in character, often with standing water in wheel ruts etc. Typical species associated with these damp rides are flote grass *Glyceria fluitans*, water pepper *Persicaria hydropiper*, bog stitchwort *Stellaria uliginosa*, common water starwort *Callitriche stagnalis* and common duckweed *Lemna minor*. A deep drain runs eastwards through the central and eastern part of the area. This contains standing water and supports wetland species such as broadleaved pondweed *Potamogeton natans* and bulrush *Typha latifolia*.

Fauna noted included Speckled Wood *Pararge aegeria*; Large White *Pieris brassicae*; Common Blue *Polyommatus icarus*; Small Skipper *Thymelicus sylvestris*; Broad-bodied Chaser *Libellula depressa*; Common Lizard *Lacerta vivipara*; Rabbit *Oryctolagus cuniculus*; Grey Squirrel *Sciurus carolinensis*; Wood Pigeon *Columba palumbus*; Chiffchaff *Phylloscopus collybita*; Chaffinch *Fringilla coelebs*; Blackbird *Turdus merula*; and Rook *Corvus frugilegus*.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	Х
Abundant nectar sources	Х
Structural diversity	Х

Appropriate management	х
Inappropriate management	
Scrub encroachment	
Scrub removal	х
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	х
Non-intervention (woodland)	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	х
Other grazing	
Poaching	
Controlled burning	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	х
Hedgerows – spp rich / poor	
Access / visibility	х
Educational potential	х

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	х

Site name	Gri	d re	fere	nce					
Stapleford Wood	S	К	8	6	3	5	6	6	Lincolnshire
Site sub-division	Dat	e					•	•	Environmental
Sub-division B	1		2	0	6	;	0	9	Records
Recorder(s)	Tin	ne oi	n sit	te					Centre
B. Nicholson					1 hr:	s	20 m	nins	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	А
Neutral Grassland – Unimp / Semi-imp	Α
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	А
Damp Grassland / Marsh / Fen	Α
Heathland / Acid Peatland	
Bracken	А

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 187

Management Plan	Х
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

An area in the north-east of the site bounded by Coddington Lane to the west, Highfield Drive to the south and open farmland to the north and east. Lodge Drive runs west-east through the northern most part of the area.

Most of this area is still high forest, mainly western hemlock *Tsuga heterophylla*, Scot's pine *Pinus sylvestris* and Corsican pine *Pinus nigra ssp. laricio*, with a small area of beech *Fagus sylvatica*. The trees are quite widely spaced in places, allowing the development of an understorey of birch *Betula spp.* and rhododendron *Rhododendron ponticum*. Bracken *Pteridium aquilinum* is often dominant in the field layer, though other species include bramble *Rubus fruticosus agg.*, honeysuckle *Lonicera periclymenum*, broad buckler fern *Dryopteris dilatata*, male fern *D. filixmas*, herb robert *Geranium robertianum*, wood avens *Geum urbanum*, foxglove *Digitalis purpurea*, plus a little enchanter's nightshade *Circaea lutetiana*. A previously burnt area in the south-east (SK 864 563) now supports dense pole stage silver birch *Betula pendula*, with rhododendron and bracken below.

An open grassy area occurs along the southern margin of Lodge Drive in the north (SK 864572). This is used as a car park/picnic area and has several planted specimen trees, including horse chestnut *Aesculus hippocastanum*.

Acid grassland vegetation occurs along the margins of some of the woodland rides. Typical species include purple moor grass *Molinia caerulea*, common bent *Agrostis capillaris*, sweet vernal grass *Anthoxanthum odoratum*, wavy hair-grass *Deschampsia flexuosa*, heath rush *Juncus squarrosus*, green-ribbed sedge *Carex binervis*, heath wood-rush *Luzula multiflora*, heath bedstraw *Galium saxatile*, tormentil *Potentilla erecta* and heath speedwell *Veronica officinalis*. Ling *Calluna vulgaris* is also present but occurs at low frequency, as does common gorse *Ulex europaeus*.

Other rides support a range of tall herbs and rough grasses, including species like red campion *Silene dioica*, hogweed *Heracleum sphondylium*, cow parsley *Anthriscus sylvestris* and rosebay willowherb *Chamerion angustifolium*.

A small pond/pool occurs in the middle of one ride at c. SK 863 561. This was covered by common duckweed *Lemna minor* and fringed by flote grass *Glyceria fluitans* and soft rush *Juncus effusus*.

The north-eastern margin of the sub-division adjacent to Coddington Lane is partly marked by a row of mature rhododendron bushes several metres in height, forming part of the avenue of rhododendron for which Stapleford Woods are famous. Occasional mature poplar *Populus sp.* trees also occur along this boundary.

Fauna noted included Speckled Wood *Pararge aegeria*; Brimstone *Gonepteryx rhamni;* Grey Squirrel *Sciurus carolinensis*; Wood Pigeon *Columba palumbus* and Chiffchaff *Phylloscopus collybita*.

Additional features

Veteran / pollarded trees	
Planted specimen trees	х
Standing / fallen dead wood	Х
Sap runs on / holes in trees	
Tussocky vegetation	Х
Abundant nectar sources	
Structural diversity	Х

Appropriate management	Х
Inappropriate management	
Scrub encroachment	
Scrub removal	х
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	х
Non-intervention (woodland)	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

	T
No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	х
Educational potential	х

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	х

Site name	Gri	d re	fere	ence		-	-	-	
Stapleford Wood	S	к	8	5	9	5	7	0	Lincolnshire
Site sub-division	Dat	te							Environmental
Sub-division C	1		2	0	6		0	9	Records
Recorder(s)	Tin	Time on site						Centre	
B. Nicholson					1 hrs		20m	nins	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	Α
Neutral Grassland – Unimp / Semi-imp	Α
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	Α
Damp Grassland / Marsh / Fen	
Heathland / Acid Peatland	
Bracken	Α

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	Х
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	Х
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 187

Management Plan	х
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

Located in the north-east portion of the site, this sub-division is bounded by Coddington Lane to the east, a forestry track/ride to the south and by open farmland to the north and east.

Significant areas within this sub-division have been felled, apparently in the fairly recent past. These now comprise open areas with some regenerating birch *Betula spp.*, plus species such as bracken *Pteridium aquilinum*, gorse *Ulex europaeus* and wavy hair-grass *Deschampsia flexuosa*. Stumps and brash litter the ground amongst this developing vegetation. Herbicide control of bracken is being carried out in some areas.

Several blocks are under high forest, variously comprising western hemlock *Tsuga heterophylla*, Scot's pine *Pinus sylvestris*, Corsican pine *Pinus nigra ssp. laricio* and, in one area, red oak *Quercus rubra*. Birch occurs amongst/below the conifers, as do scattered bushes of rhododendron *Rhododendron ponticum*. Some semi-mature pedunculate oak *Quercus robur* trees occur on the margins of the blocks, together with occasional rowan *Sorbus aucuparia*. The field layer is generally dominated by bracken, though broad buckler fern *Dryopteris dilatata* and bramble *Rubus fruticosus* agg. are also frequent.

A permanent clearing occurs to the south of Pailing's Ride in the north-east and this is covered by rank, semiimproved neutral grassland dominated by false oat-grass *Arrhenatherum elatius* and cock's-foot *Dactylis glomerata*. Grassland forbs include lesser stitchwort *Stellaria graminea*, germander speedwell *Veronica chamaedrys*, musk mallow *Malva moschata*, common vetch *Vicia sativa ssp. segetalis* and hedge bedstraw *Galium mollugo*. Tall ruderal species are also frequent, such as hogweed *Heracleum sphondylium*, ragwort *Senecio jacobaea*, creeping thistle *Cirsium arvense*, nettle *Urtica dioica* and rosebay willowherb *Chamerion angustifolium*. There are also scattered patches of grey willow *Salix cinerea* scrub. An area towards the northern edge has been disturbed by vehicular traffic and supports a range of annuals and ephemerals, including field pansy *Viola arvensis*, field forget-me-not *Myosotis arvensis*, scarlet pimpernel *Anagallis arvensis*, three-nerved sandwort *Arenaria serpyllifolia* and parsley piert *Aphanes arvensis*. Wet wheel ruts at the extreme north-edge of this area have common water-starwort *Callitriche stagnalis*.

The open rides adjacent to clear fell areas support acid grassland with common bent *Agrostis capillaris*, wavy hairgrass, creeping soft grass *Holcus mollis*, heath wood-rush *Luzula multiflora*, heath bedstraw *Galium saxatile*, tormentil *Potentilla erecta*, lesser stitchwort and sheep's sorrel *Rumex acetosella*.

The western boundary is marked by a deep drain. This is largely shaded by adjacent trees and shrubs, with the more open sections supporting tall wetland herbs such as meadowsweet *Filipendula ulmaria*, great willowherb *Epilobium hirsutum* and soft rush *Juncus effusus*.

Fauna included Common Blue Polyommatus icarus, Common Lizard Lacerta vivipara and Chaffinch Fringilla coelebs.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	х
Structural diversity	Х

Appropriate management	х
Inappropriate management	
Scrub encroachment	
Scrub removal	х
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	х
Non-intervention (woodland)	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	х
Hedgerows – spp rich / poor	
Access / visibility	х
Educational potential	х

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	х
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	х

Site name	Gri	Grid reference							
Stapleford Wood	S	Κ	8	5	5	5	6	3	Lincolnshire
Site sub-division	Dat	e							Environmental
Sub-division D	1	2	2	0	6	;	0	9	Records
Recorder(s)	Time on site							Centre	
B. Nicholson					1 hr	s	20m	nins	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	Α
Neutral Grassland – Unimp / Semi-imp	Α
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	Α
Damp Grassland / Marsh / Fen	Α
Heathland / Acid Peatland	Α
Bracken	Α

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	Α
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	Α

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 187

Management Plan	Х
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

Located in the south-west of the site, this sub-division is bounded by the County boundary to the south-west, Stapleford Lane/Coddington Lane to the south-east, sub-division C to the north and open farmland to the north-east.

Much of the sub-division is under high forest, though clear fell areas occur in the south and west. This sub-division also includes the main car park and picnic area, located adjacent to Coddington Lane in the north-west corner. The latter comprises mainly amenity grassland with scattered trees such as London plane *Platanus x hispanica*, pine *Pinus spp.* and silver birch *Betula pendula*.

The high forest mainly comprises western hemlock *Tsuga heterophylla*, Scot's pine *Pinus sylvestris* and Corsican pine *Pinus nigra ssp. laricio*. Birch regeneration is frequent below the conifers in these areas and scattered pedunculate oak *Quercus robur*, ash *Fraxinus excelsior* and rowan *Sorbus aucuparia* trees occur on the margins. The understorey is either absent or consists of scattered rhododendron *Rhododendron ponticum* and grey willow *Salix cinerea*. The field layer variously comprises bracken *Pteridium aquilinum*, broad buckler fern *Dryopteris dilatata* and bramble *Rubus fruticosus* agg.

The clear fell areas are now regenerating as birch thickets. The younger and more open of these also include species such as bracken, foxglove *Digitalis purpurea*, Yorkshire fog *Holcus lanatus*, soft rush *Juncus effusus* and compact rush *J. conglomeratus*.

The rides adjacent to clear fell areas support acid grassland and damp grassland vegetation along their margins. Characteristic of the former are common bent *Agrostis capillaris*, heath wood-rush *Luzula multiflora*, wavy hair-grass *Deschampsia flexuosa*, heath bedstraw *Galium saxatile*, lesser stitchwort Stellaria graminea and a hawkweed *Hieracium* sp., whilst the damp grassland includes species such as cock's-foot *Dactylis glomerata*, tufted hair-grass *Deschampsia cespitosa*, soft rush, compact rush, marsh thistle *Cirsium palustre*, large bird's-foot-trefoil *Lotus pedunculatus*, bog stitchwort *Stellaria uliginosa* and water pepper *Persicaria amphibia*.

Some of the shady rides within the conifer areas are damp in character, and some have standing water in wheel ruts etc. Typical species associated with these damp rides are flote grass *Glyceria fluitans*, water pepper, common water starwort *Callitriche stagnalis* and common duckweed *Lemna minor*. One pool in the western part of the site (SK 856 563) supported a small population of the charophyte *Nitella flexilis* var. *flexilis*.

A deep drain runs north-eastwards through the western part of the area. This supports a varied flora of aquatic macrophytes and emergent species, including broad-leaved pondweed *Potamogeton natans*, pond water-crowfoot *Ranunculus peltatus*, celery-leaved buttercup *R. sceleratus*, water starwort *Callitriche sp.*, water plantain *Alisma plantago-aquatica*, water forget-me-not *Myosotis scorpioides*, branched bur-reed *Sparganium erectum*, water cress *Rorippa nasturtium-aquaticum* and purple loosestrife *Lythrum salicaria*, amongst others.

The south-eastern margin of the sub-division adjacent to Coddington Lane is partly marked by a row of mature rhododendron bushes several metres in height, forming part of the avenue of rhododendron for which Stapleford Woods are famous. Occasional mature common lime *Tilia x europaea* trees also occur along this boundary.

Fauna noted included Large White Pieris brassicae; Cuckoo Cuculus canorus and Chiffchaff Phylloscopus collybita.

Additional features

Veteran / pollarded trees	
Planted specimen trees	Х
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	х
Structural diversity	х

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	х
Hedgerows – spp rich / poor	
Access / visibility	х
Educational potential	х

Appropriate management	х
Inappropriate management	
Scrub encroachment	
Scrub removal	Х
Coppicing / selective felling	х
Re-planting – native / non-native	
Ride mowing (woodland)	х
Non-intervention (woodland)	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	х

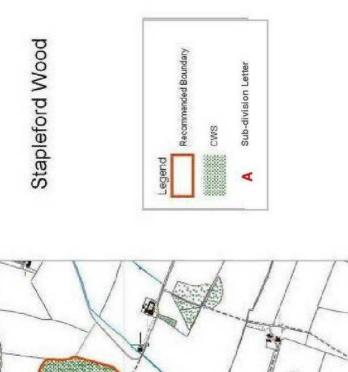
Stapleford Wood (whole site)	01/09/2008 & 12/06/09
Scientific Name	Common Name
Acer pseudoplatanus	Sycamore
Achillea millefolium	Yarrow
Aegopodium podagraria	Ground elder
Aesculus hippocastanum	Horse-chestnut
Agrimonia eupatoria	Agrimony
Agrostis canina	Velvet Bent
Agrostis capillaris	Common Bent
Agrostis stolonifera	Creeping Bent
Alisma plantago-aquatica	Water-plantain
Alliaria petiolata	Garlic Mustard
Alnus glutinosa	Alder
Alopecurus pratensis	Meadow Foxtail
Anagallis arvensis	Scarlet Pimpernell
Anisantha sterilis	Barren Brome
Anthriscus sylvestris	Cow Parsley
Anthoxanthum odoratum	Sweet Vernal-grass
Aphanes arvensis agg.	Parsley-piert
Apium nodiflorum	Fool's-water-cress
Arctium minus agg.	Lesser Burdock
Arenaria serpyllifolia	Thyme-leaved Sandwort
Arrhenatherum elatius	False Oat-grass
Artemisia vulgaris	Mugwort
Athyrium filix-femina	Lady-fern
Bellis perennis	Daisy
Berula erecta	Lesser Water-parsnip
Betula pendula	Silver Birch
Betula pubescens	Downy Birch
Brachypodium sylvaticum	False-brome

Scientific Name Common Name Buddleja davidii Butterliy-bush Callanagrostis epigejos Wood Small-reed Callitriche stagnalis Common Water-starwort Callua vulgaris Heather Calystegia sepium Hedge Bindweed Carbanila persicifolia Peach-leaved Bellflower Carpanila persicifolia Peach-leaved Bellflower Carpa persicifolia Peach-leaved Bellflower Carpa persicifolia Grey Sedge Carex divulsa ssp. divulsa Grey Sedge Carex Arbinta Hairy Sedge Carex ovalis Oval Sedge Carex ovalis Oval Sedge Carex ovalis Oval Sedge Carex riparia Greater Pond-sedge Carex riparia Greater Pond-sedge Carex riparia Common Knapweed Carex viridula subsp. oedocarpa Common Nuse-ear Centaurium erythraea Common Mouse-ear Certaurium erythraea Common Mouse-ear Ceratocapnos claviculata Climbing Corydalis Chamerion angustifolum Rosebay Willowherb	Stapleford Wood (whole site)	01/09/2008 & 12/06/09
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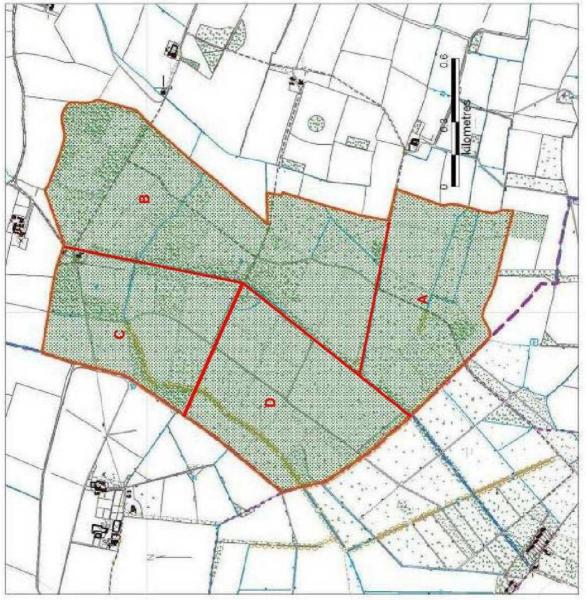
Scientific Name Common Name Fallopia convolvulus Black-bindweed Festuca rundinacea Tall Fescue Festuca gigantea Giant Fescue Fraxinus excelsior Ash Galeopsis tetrahit Common Hemp-nettle Galium aparine Cleavers Galium aparine Cleavers Galium aparine Cut-leaved Crane's-bill Geranium pratense Meadow Crane's-bill Geranium pratense Meadow Crane's-bill Geranium robertianum Herb-Robert Geum urbanum Wood Avens Glechoma hederacea Ground-ivy Glyceria fluitans Flote grass Ghyceria maxima Reed Sweet-grass Gaperia iniutins Flote grass Ghyceria maxima Reed Sweet-grass Ghyceria maxima Reed Sweet-grass Haracleum sphondylium Hoagweed Heracleum murinum Wall Barley Hypericum hirsutum Hairy St. John's-wort Hypericum maculatum Imperforate St. John's-wort Hypericum mirsutum Hairy St. John's-wort <th>Stapleford Wood (whole site)</th> <th>01/09/2008 & 12/06/09</th>	Stapleford Wood (whole site)	01/09/2008 & 12/06/09
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Larix deciduaEuropean LarchLathyrus pratensisMeadow VetchlingLemna minorCommon DuckweedLeontodon autumnalisAutumn HawkbitLigustrum vulgareWild PrivetLolium perennePerennial Rye-grassLonicera periclymenumHoneysuckleLotus corniculatusGreater Bird's-foot-trefoilLuzula campestrisField Wood-rushLuzula multifloraHeath Wood-rushLythrum portulaWater-purslaneLythrum salicariaPurple-loosestrife	Lapsana communis	Nipplewort
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Lolium perennePerennial Rye-grassLonicera periclymenumHoneysuckleLotus corniculatusCommon Bird's-foot-trefoilLotus pedunculatusGreater Bird's-foot-trefoilLuzula campestrisField Wood-rushLuzula multifloraHeath Wood-rushLythrum portulaWater-purslaneLythrum salicariaPurple-loosestrife	Ligustrum vulgare	Wild Privet
Lonicera periclymenumHoneysuckleLotus corniculatusCommon Bird's-foot-trefoilLotus pedunculatusGreater Bird's-foot-trefoilLuzula campestrisField Wood-rushLuzula multifloraHeath Wood-rushLythrum portulaWater-purslaneLythrum salicariaPurple-loosestrife		Perennial Rye-grass
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Luzula campestrisField Wood-rushLuzula multifloraHeath Wood-rushLythrum portulaWater-purslaneLythrum salicariaPurple-loosestrife	Lotus pedunculatus	Greater Bird's-foot-trefoil
Luzula multifloraHeath Wood-rushLythrum portulaWater-purslaneLythrum salicariaPurple-loosestrife	· · · · · · · · · · · · · · · · · · ·	Field Wood-rush
Lythrum salicaria Purple-loosestrife		Heath Wood-rush
Lythrum salicaria Purple-loosestrife	Lythrum portula	Water-purslane
		Apple

Stapleford Wood (whole site)	01/09/2008 & 12/06/09
Scientific Name	Common Name
Malus sylvestris	Crab Apple
Malva moschata	Musk-mallow
Matricaria discoidea	Pineappleweed
Medicago lupulina	Black Medick
Melilotus altissimus	Tall Melilot
Mentha arvensis	Corn Mint
Mentha spicata	Spear Mint
Mentha x verticillata	Whorled Mint
Moehringia trinervia	Three-nerved Sandwort
Molinia caerulea	Purple Moor-grass
Myosotis arvensis	Field Forget-me-not
Myosotis scorpioides	Water Forget-me-not
Odontites vernus	Red Bartsia
Oxalis acetosella	Wood-sorrel
Persicaria hydropiper	Water-pepper
Persicaria maculosa	Redshank
Phalaris arundinacea	Reed Canary-grass
Phleum bertolonii	Smaller Cat's-tail
Phragmites australis	Common Reed
Pinus nigra ssp. laricio	Corsican Pine
Pinus sylvestris	Scot's Pine
Platanus x hispanica	London Plane
Plantago lanceolata	Ribwort Plantain
Plantago major	Greater Plantain
Poa annua	Annual Meadow-grass
Poa trivialis	Rough Meadow-grass
Polygonum aviculare	Knotgrass
Populus tremula	Aspen
Populus x canadensis	Hybrid Black Poplar
Potamogeton natans	Broadleaved Pondweed
Potentilla anserina	Silverweed
Potentilla erecta	Tormentil
Potentilla reptans	Creeping Cinquefoil
Prunella vulgaris	Selfheal
Prunus spinosa	Blackthorn
Pteridium aquilinum	Bracken
Quercus robur	Pedunculate Oak
Quercus rubra	Red Oak
Ranunculus peltatus	Pond Water-crowfoot
Ranunculus repens	Creeping Buttercup
Ranunculus sceleratus	Celery-leaved Buttercup
Rhododendron ponticum	Rhododendron
Rorippa nasturtium-aquaticum	Water-cress
Rosa arvensis	Field Rose
Rosa arvensis Rosa canina	Dog Rose
Rubus caesius	Dewberry
Rubus fruticosus agg.	Bramble
Rubus Indicosus agg. Rumex acetosella	Sheep's Sorrel
Rumex acetosella Rumex obtusifolius	Broad-leaved Dock
	Wood Dock
Rumex sanguineus	Goat Willow
Salix caprea	Gual Willow

Stapleford Wood (whole site)	01/09/2008 & 12/06/09
Scientific Name	Common Name
Salix cinerea	Grey Willow
Sambucus nigra	Elder
Scrophularia auriculata	Water Figwort
Scrophularia nodosa	Common figwort
, Senecio jacobaea	Common Ragwort
Senecio vulgaris	Groundsel
Silene dioica	Red Campion
Silene latifolia	White Campion
Solanum dulcamara	Bittersweet
Solanum nigrum	Black Nightshade
Sonchus arvensis	Perennial Sow-thistle
Sonchus asper	Prickly Sow-thistle
Sonchus oleraceus	Smooth Sow-thistle
Sorbus aucuparia	Rowan
Sparganium erectum	Branched Bur-reed
Stachys sylvatica	Hedge Woundwort
Stellaria graminea	Lesser Stitchwort
Stellaria media	Common Chickweed
Stellaria uliginosa	Bog Stitchwort
Symphytum x uplandicum	Russian Comfrey
Tamus communis	Black Bryony
Taraxacum agg.	Dandelion
Thlaspi arvense	Field Penny-cress
Tilia x europaea	Common Lime
Torilis japonica	Upright Hedge-parsley
Trifolium medium	Zigzag Clover
Trifolium pratense	Red Clover
Trifolium repens	White Clover
Tripleurospermum inodorum	Scentless Mayweed
Tsuga heterophylla	Western Hemlock
Tussilago farfara	Colt's-foot
Typha latifolia	Bulrush
Ulex europaeus	Gorse
Ulmus procera	English Elm
Urtica dioica	Common Nettle
Veronica chamaedrys	Germander Speedwell
Veronica officinalis	Heath Speedwell
Veronica persica	Common Field-speedwell
Veronica serpyllifolia	Thyme-leaved Speedwell
Vicia cracca	Tufted Vetch
Vicia sativa ssp. segetalis	Common Vetch
Viola arvensis	Field Pansy
Viola odorata	Sweet Violet
Viola riviniana	Common Dog-violet



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Grid Square SK86

	Site Summary
Site Name	Fox Holt
Grid ref.	SK883696
Area (ha.)	4.07
Parish	Eagle and Swinethorpe
District	North Kesteven

Existing	Site of Nature Conservation Importance (SNCI)
Status	Ancient Semi-Natural Woodland
	Higher Level Stewardship Agreement (HLS)

Selection	WD1/1a: All semi-natural or replanted ancient woodland listed in Natural
Criteria Met	England's Ancient Woodland Inventory
	Comment: The majority of the site is included as Semi-Natural Ancient
	Woodland.

Species	Eight species from Table 1 of the Local Wildlife Site Guidelines for						
Index score	designation of Woodland and parkland were present on site.						
	Carex sylvatica	Hyacinthoides non-	Mercurialis perennis				
		scripta					
	Cornus sanguinea	Lamiastrum Potentilla sterilis					
		galeobdolon subsp.					
		montanum					
	Corylus avellana	Melica uniflora					

Additional	A fairly small wood with a good ground flora.
comments	

Site name	Gi	'id I	refe						
Fox Holt	S	К	8	8	3	6	9	6	Lincolnshire
Site sub-division	Da	ate	-						Environmental
	1	0)	0	6	0		9	Records
Recorder(s)	Ti	me	on	site	3				Centre
Alex Prendergast			11	nrs		0	mi	ns	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

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Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	Х

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

An old ash *Fraxinus excelsior* and hazel *Corylus avellana* coppice with standard pedunculate oak *Quercus robur*. In addition to the hazel coppice, the shrub layer contains occasional field maple *Acer campestre*, dogwood *Cornus sanguinea*, hawthorn *Crataegus monogyna*, honeysuckle *Lonicera periclymenum*, apple *Malus domesticus*, field rose *Rosa arvensis*, and small-leaved elm *Ulmus minor*.

The ground flora is dominated by carpets of wood melick *Melica uniflora* with scattered false brome *Brachypodium sylvaticum* and patches of dog's mercury *Mercurialis perennis* and bramble *Rubus fruticosus* agg. Wood sedge *Carex sylvatica*, bluebell *Hyacinthoides non-scripta* and yellow archangel *Lamiastrum galeobdolon* ssp. *montanum* are occasional.

Incidental records of fauna from the site include mole *Talpa europaea*, rabbit *Oryctolagus cuniculus* and longhorn moth *Nemophora degeerella*

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	Х
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

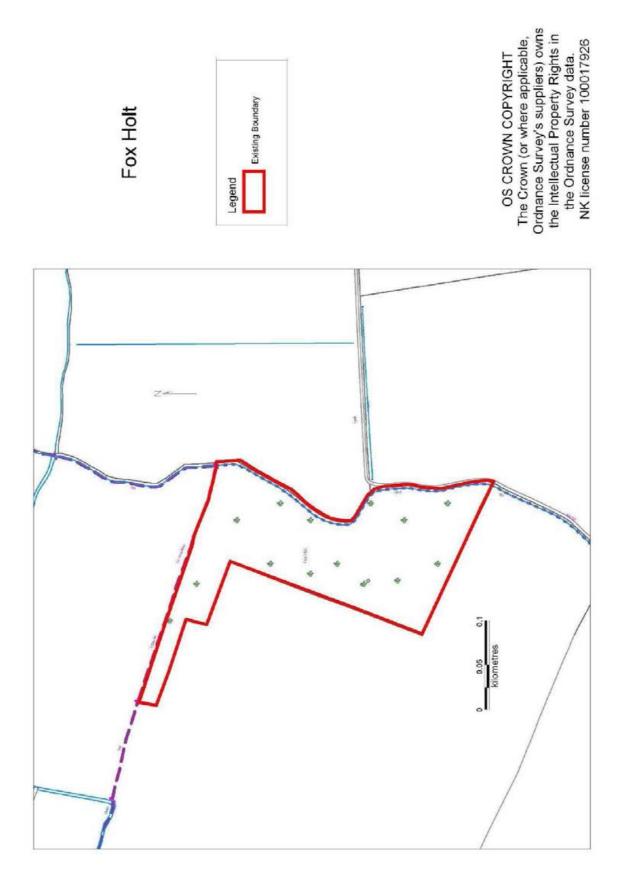
Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Fox Holt		10/06/2009]
Scientific Name	Common Name	DAFOR Score	
Acer campestre	Field Maple	0	DAFOR Scale
Anthriscus sylvestris	Cow Parsley	F	D = Dominant
Arctium minus	Lesser Burdock	0	A = Abundant
Brachypodium sylvaticum	Wood False-brome	F	F = Frequent
Carex sylvatica	Wood-sedge	0	O = Occasional
Circaea lutetiana	Enchanter's-nightshade	F	R = Rare
Cornus sanguinea	Dogwood	0	
Corylus avellana	Hazel	F	L = Locally
Crataegus monogyna	Hawthorn	F	(P) = Planted
Dactylis glomerata	Cock's-foot	0	
Fraxinus excelsior	Ash	D	
Galium aparine	Cleavers	0	1
Geranium robertianum	Herb-Robert	0	
Geum urbanum	Wood Avens	0	
Glechoma hederacea	Ground-ivy	0	
Hedera helix ssp. helix	Common Ivy	0	
Hyacinthoides non-scripta	Bluebell	F	
Lamiastrum galeobdolon subsp.			
montanum	Yellow Archangel	0	
Lapsana communis	Nipplewort	0	
Lonicera periclymenum	Honeysuckle	0	
Malus domestica	Apple	0	
Melica uniflora	Wood Melick	А	
Mercurialis perennis	Dog's Mercury	F	
Poa trivialis	Rough Meadow-grass	F	
Potentilla sterilis	Barren Strawberry	0	
Prunus domestica	Wild Plum	0	
Quercus robur	Pedunculate Oak	F	
Rosa arvensis	Field-rose	0	
Rubus fruticosus agg.	Bramble	А	
Rumex sanguineus	Wood Dock	0	
Sambucus nigra	Elder	F	
Stachys sylvatica	Hedge Woundwort	F]
Stellaria media	Common Chickweed	F]
Tamus communis	Black Bryony	0	1
Ulmus minor	Small-leaved Elm	F	1
Urtica dioica	Common Nettle	F	1
Veronica chamaedrys	Germander Speedwell	F	1



90

Site Summary	
Site Name	Hawdin's Wood
Grid ref.	SK872604
Area (ha.)	49.66
Parish	Norton Disney
District	North Kesteven

Existing	Site of Nature Conservation Importance (SNCI)
Status	Ancient Semi-Natural Woodland and Ancient Replanted Woodland
	Woodland Grant Scheme

Selection	WD1/1a: All semi-natural or replanted ancient woodland listed in Natural
Criteria Met	England's Ancient Woodland Inventory
	WD4: Wet woodland with a minimum species index score of 6 from
	Table 1 and 6 from Table 8
	NG1: Semi-natural neutral grassland at least 0.1 ha. in extent, or linear
	areas at least 50m long, with a minimum species index score of 8
	Comment: Much of the site is included (along with the adjacent
	woodland) as semi-natural ancient woodland (56.83ha) and ancient
	replanted woodland (2.49ha)

Species	15 species from Table 1 of the Local Wildlife Site Guidelines for						
Index score	designation of woodland were present on site.						
	Anemone nemorosa	Anemone nemorosa Hyacinthoides non- Oxalis acetosella					
	scripta						
	Carex sylvatica Hypericum pulchrum Primula vulgaris						
	Cornus sanguineaHypericum tetrapterumPrunus aviumCorylus avellanaLysimachia vulgarisScrophularia nodo						
	Dryopteris affinis Melica uniflora Valeriana officinalis						

Species	Nine species from Table 2 of the Local Wildlife Site Guidelines for
Index score	designation of neutral grassland were present on site.

Angelica sylvestris	Cynosurus cristatus	Juncus articulatus
Anthoxanthum	Filipendula ulmaria	Lotus pedunculatus
odoratum		
Carex disticha	Gnaphalium uliginosum	Potentilla erecta

Species	Seven species from Table 8 of the Local Wildlife Site Guidelines for					
Index score	designation of swamp, marsh and fen were present on site.					
	Angelica sylvestrisHypericum tetrapterumLythrum salicaria					
	Carex disticha	Scutellaria galericulata				
	Filipendula ulmaria					

Additional	An area of ancient woodland incorporating a diverse range of habitats.
comments	Potential for heathland restoration.

Site name	Gi	Grid reference								
Hawdin's Wood	S	К	8	7	2	6	0	4	Lincolnshire	
Site sub-division	Da	ate							Environmental	
	1	0		0	7	0		9	Records	
Recorder(s)	Ti	me	on	site	•				Centre	
Alex Prendergast			3	hrs		0	mi	ins		

Woodland – semi-nat / plantation	Μ
Wet Woodland	Α
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	Α
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	А

А

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

11137	
Management Plan	
Advice being followed	
Woodland Grant Scheme	х
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

A large area of damp acid woodland, forming part of a more extensive woodland. The site appears to have been used largely for conifer plantation (Scot's pine *Pinus sylvestris* and larch *Larix decidua*) in the past. Some plantation remains along with scattered individual conifers and beech *Fagus sylvatica* trees. However, a more natural canopy composition prevails today; The site is dominated by ash *Fraxinus excelsior* woodland with patches where pedunculate oak *Quercus robur*, alder *Alnus glutinosa* and downy birch *Betula pubescens* are frequent. Mature hazel *Corylus avellana* coppice occur in the shrub layer with occasional dogwood *Cornus sanguinea* and mountain ash *Sorbus aucuparia*. Large areas have recently been replanted with native broad leaved species (pedunculate oak, wild cherry *Prunus avium*, alder and ash) and sweet chestnut *Castanea sativa* following a period of lying fallow.

The woodland ground flora was past its peak flowering period at the time of survey. However, a good number of ancient woodland indicator species were recorded including wood anemone *Anemone nemorosa*, wood sedge *Carex sylvatica*, scaly male fern *Dryopteris affinis*, bluebell *Hyacinthoides non-scripta*, wood melick *Melica uniflora*, wood sorrel *Oxalis acetosella* and common figwort *Scrophularia nodosa*.

Damp acid rides support a typical flora with abundant common forbs including bugle *Ajuga reptans*, brown sedge *Carex disticha*, greater bird's-foot trefoil *Lotus pedunculatus*, corn mint *Mentha arvensis*, marsh bedstraw *Galium palustre*, tormentil *Potentilla erecta*, lesser stitchwort *Stellaria graminea* and valerian *Valeriana officinalis*, but also a few species of particular note such as skullcap *Scutellaria galericulata*, water-purslane *Lythrum portula*, tufted forget-me-not *Myosotis laxa* and slender St John's wort *Hypericum pulchrum*, Ditches support purple loosestrife *Lythrum salicaria* and yellow loosestrife *Lysimachia vulgaris*.

Large areas of the site are dominated by a vigorous community of bracken *Pteridium aquilinum* and bramble *Rubus fruticosus* agg. A cutting regime is in place with a view to curtailing the dominance of bracken in these areas. *Rhododendron ponticum* is also frequent on the site and should be controlled before it becomes too abundant.

Very restricted areas of dry acidic grassland support crested dog's tail *Cynosurus cristatus*, wavy hair-grass *Deschampsia flexuosa*, heath bedstraw *Galium saxatile* and sheep's sorrel *Rumex acetosella*. Areas presently under bracken could be encouraged to form areas of heath or acid grassland, with appropriate management.

A pond near the centre of the site is fed by a stream, which runs through the wood, and contains broad-leaved pondweed *Potamogeton natans* and is edged by hard rush *Juncus inflexus*.

Various common mosses were recorded including *Campylopus pyriformis*, *Polytrichum formosum*, *Polytrichum juniperinum*, and a species of *Sphagnum* in restricted areas under tall alder woodland.

Incidental records of fauna from the site include badger *Meles meles*, mole *Talpa europaea*, rabbit *Oryctolagus cuniculus*, fox *Vulpes vulpes*, wren *Troglodytes troglodytes*, pheasant *Phasianus colchicus*, blackbird *Turdus merula*, woodpigeon *Columba palumbus*, hornet *Vespa crabro*, blue damselfly, and the butterflies green-veined white *Pieris napi*, meadow brown *Maniola jurtina* and small skipper *Thymelicus sylvestris*.

The owner manages the site for wildlife and reports that a full comprehensive survey of the woodland has been recently been carried out privately.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	Х
Abundant nectar sources	х
Structural diversity	Х

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged floodingSeasonally wet / damp areasxEarthworks / hummocky groundDitches - shallow / deepHedgerows - spp rich / poorAccess / visibilityEducational potential

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

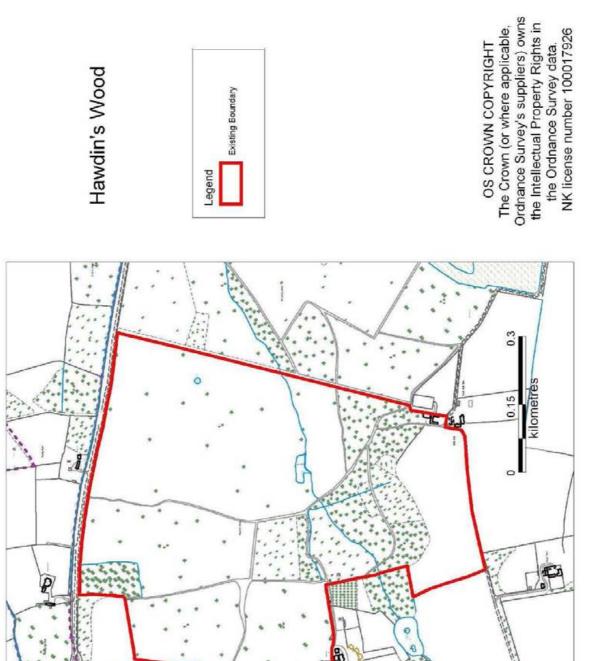
No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	х

Hawdin's Wood		10/07/2009	
Scientific Name	Common Name	DAFOR Score	
Acer campestre	Field Maple	0	DAFOR Scale
Agrostis capillaris	Common Bent	0	D = Dominant
Agrostis stolonifera	Creeping Bent	0	A = Abundant
Ajuga reptans	Bugle	0	F = Frequent
Alnus glutinosa	Alder	LD	O = Occasional
Anemone nemorosa	Wood Anemone	F	R = Rare
Angelica sylvestris	Wild Angelica	F	
Anisantha sterilis	Barren Brome	0	L = Locally
Anthoxanthum odoratum	Sweet Vernal-grass	0	(P) = Planted
Anthriscus sylvestris	Cow Parsley	F	
Arctium minus	Lesser Burdock	0	
Arrhenatherum elatius	False Oat-grass	0	
Arum maculatum	Lords-and-Ladies	0	
Betula pendula	Silver Birch	LF	
Betula pubescens	Downy Birch	LF	
Brachypodium sylvaticum	Wood False-brome	F	
Bromus hordeaceus	Soft-brome	R	
Callitriche stagnalis	Common Water-starwort	R	
Calystegia silvatica	Large Bindweed	0	
Carex disticha	Brown Sedge	0	
Carex sylvatica	Wood-sedge	0	
Castanea sativa	Sweet Chestnut	LF	
Cerastium fontanum	Common Mouse-ear	0]
Chamerion angustifolium	Rosebay Williowherb	LF	
Circaea lutetiana	Enchanter's-nightshade	0	

Hawdin's Wood	10/07/2009		
Scientific Name	DAFOR Score		
Cirsium arvense	Common Name Creeping Thistle	0	
Cirsium vulgare	Spear Thistle	0	
Cornus sanguinea	Dogwood	0	
Coronopus squamatus	Swine-cress	R	
Corylus avellana	Hazel	LF	
Cynosurus cristatus	Crested Dog's-tail	LF	
Deschampsia cespitosa	Tufted Hair-grass	0	
Deschampsia flexuosa	Wavy Hair-grass	LF	
Digitalis purpurea	Foxglove	0	
Dryopteris affinis	Scaly Male-fern	0	
Dryopteris dilatata	Broad Buckler-fern	F	
Dryopteris filix-mas	Male-fern	0	
Epilobium hirsutum	Great Willowherb	0	
Epilobium parviflorum	Hoary Willowherb	0	
Fagus sylvatica	Beech	0	
Festuca rubra	Red Fescue	0	
Filipendula ulmaria		0	
	Meadowsweet	D	
Fraxinus excelsior	Ash		
Galium aparine	Cleavers	0	
Galium palustre	Marsh-bedstraw	0	
Galium saxatile	Heath Bedstraw	LF	
Geum urbanum	Wood Avens	0	
Glechoma hederacea	Ground-ivy	F	
Gnaphalium uliginosum	Marsh Cudweed	0	
Heracleum sphondylium	Hogweed	0	
Holcus lanatus	Yorkshire-fog	0	
Holcus mollis	Creeping Soft-grass	0	
Hyacinthoides non-scripta	Bluebell	A	
Hypericum perforatum	Perforate St John's-wort	0	
Hypericum pulchrum	Slender St John's-wort	LF	
Hypericum tetrapterum	Square-stalked St John's-wort	0	
Iris foetidissima	Stinking Iris	0	
Juncus articulatus	Jointed Rush	0	
Juncus bufonius	Toad Rush	0	
Juncus conglomeratus	Compact Rush	0	
Juncus effusus	Soft-rush	0	
Juncus inflexus	Hard Rush	0	
Larix decidua	European Larch	0	
Leontodon autumnalis	Autumn Hawkbit	0	
Lolium perenne	Perennial Rye-grass	0	
Lotus pedunculatus	Greater Bird's-foot-trefoil	0	
Lysimachia vulgaris	Yellow Loosestrife	0	
Lythrum portula	water-purslane	0	
Lythrum salicaria	Purple-loosestrife	0	
Malus domestica	Apple	0	
Medicago lupulina	Black Medick	0	
Melica uniflora	Wood Melick	0	
Mentha arvensis	Corn Mint	0	
Myosotis arvensis	Field Forget-me-not	0	
Myosotis laxa	Tufted Forget-me-not	0	
Oxalis acetosella	Wood-sorrel	0	

Hawdin's Wood		10/07/2009
Scientific Name	Common Name	DAFOR Score
Persicaria maculosa	Redshank	0
Picris echioides	Bristly Oxtongue	0
Pinus sylvestris	Scots Pine	0
Plantago major	Greater Plantain	0
Potentilla erecta	Tormentil	0
Potentilla reptans	Creeping Cinquefoil	0
Potamogeton natans	Broad-leaved pondweed	LF
Primula vulgaris	Primrose	0
Prunella vulgaris	Selfheal	0
Prunus avium	Wild Cherry	F
Prunus domestica	Wild Plum	0
Pteridium aquilinum	Bracken	LD
Quercus robur	Pedunculate Oak	D
Ranunculus repens	Creeping Buttercup	0
Rhododendron ponticum	Rhododendron	LF
Rubus fruticosus agg.	Bramble	A
Rumex acetosella	Sheep's Sorrel	LF
Rumex obtusifolius	Broad-leaved Dock	0
Rumex sanguineus	Wood Dock	0
Salix cinerea	Grey Willow	0
Scrophularia nodosa	Common Figwort	0
Scutellaria galericulata	Skullcap	F
Silene latifolia	White Campion	0
Sonchus arvensis	Perennial Sow-thistle	0
Sorbus aucuparia	Rowan	F
Spergularia rubra	Sand Spurrey	R
Sphagnum sp.	Bog Moss	0
Stachys sylvatica	Hedge Woundwort	0
Stellaria graminea	Lesser Stitchwort	0
Stellaria media	Common Chickweed	0
Trifolium repens	White Clover	0
Tussilago farfara	Colt's-foot	0
Urtica dioica	Common Nettle	0
Valeriana officinalis	Common Valerian	0
Veronica chamaedrys	Germander Speedwell	0
Veronica serpyllifolia	Thyme-leaved Speedwell	0



Site Summary			
Site Name	Whisby Stocking		
Grid ref.	SK891688		
Area (ha.)	5.29		
Parish	Doddington and Whisby		
District	North Kesteven		

Existing	Site of Nature Conservation Importance (SNCI)				
Status	Ancient Semi-Natural Woodland.				
	Higher Level Stewardship Agreement (HLS)				

Selection	WD1/1a: All semi-natural or replanted ancient woodland listed in Natural				
Criteria Met	England's Ancient Woodland Inventory				
	Comment: The entire site is included as semi-natural ancient woodland				

Species	13 species from Table 1 of the Local Wildlife Site Guidelines for							
Index score	designation of Woodland were present on site.							
	Anemone nemorosa							
	Carex remota	Prunus avium (P)						
	Carex sylvatica	Hyacinthoides non-	Stellaria holostea					
		scripta						
	Conopodium majus	Lamiastrum galeobdolon subsp. montanum	Veronica montana					
	Corylus avellana							

Additional	A fairly typical example of ancient semi-natural woodland.
comments	

Site name	Gi	Grid reference				-				
Whisby Stocking	S	к	8	9	1	6	8	8	Lincolnshire	
Site sub-division	Da	ate							Environmental	
	1	C)	0	6	0		9	Records	
Recorder(s)	Ti	Time on site						Centre		
Alex Prendergast			1	hrs		0	mi	ns		

Woodland – semi-nat /-plantation	N
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

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Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	х

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

A damp woodland dominated by ash *Fraxinus excelsior* with occasional downy birch *Betula pubescens* in the centre. Beech *Fagus sylvatica* and pedunculate oak *Quercus robur* occur near the edges. Wild cherry *Prunus avium* is planted in the south-eastern corner.

Hawthorns (*Crataegus monogyna*, *Crataegus laevigata* and their hybrid *Crataegus × media*) dominate the shrub layer within the wood. Hazel *Corylus avellana*, holly *llex aquifolium*, honeysuckle *Lonicera periclymenum*, apple *Malus domestica*, gooseberry *Ribes uva-crispa* and raspberry *Rubus idaeus* occur mainly near the edge.

Bramble *Rubus fruticosus* agg. dominates the field layer throughout much of the wood with areas of locally dominant dog's mercury *Mercurialis perennis* and water avens *Geum rivale*. Wood anemone *Anemone nemorosa*, remote sedge *Carex remota*, wood sedge *Carex sylvatica*, enchanter's nightshade *Circaea lutetiana*, pignut *Conopodium majus*, scaly male fern *Dryopteris affinis 'cambrensis'*, broad buckler fern *Dryopteris dilatata*, bluebell *Hyacinthoides non-scripta*, yellow archangel *Lamiastrum galeobdolon* ssp. *montanum*, greater stitchwort *Stellaria holostea* and wood speedwell *Veronica montana* occur occasionally throughout. The hybrid bluebell *Hyacinthoides* × *massartiana* is present as a few clumps on the southern edge of the wood; this should be removed as soon as possible to prevent it spreading through the wood.

Grey squirrel *Sciurus carolinensis,* brown hare *Lepus europaeus* and woodpigeon *Columba palumbus* were incidentally recorded.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	Х
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	

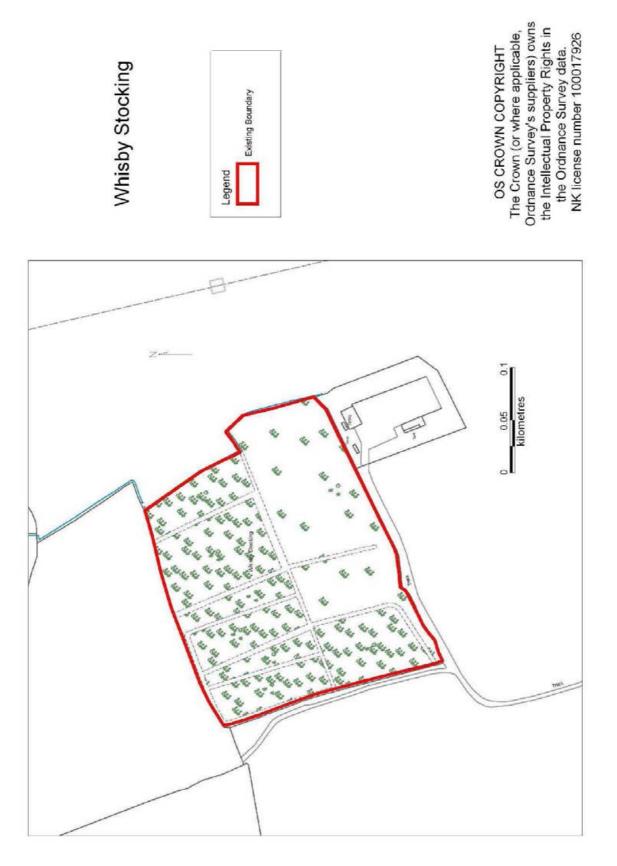
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	х

Whisby Stocking		10/06/2009	
Scientific Name	Common Name	DAFOR Score	
Anemone nemorosa	Wood Anemone	Α	DAFOR Scale
Anisantha sterilis	Barren Brome	0	D = Dominant
Anthriscus sylvestris	Cow Parsley	А	A = Abundant
Arctium minus	Lesser Burdock	0	F = Frequent
Betula pendula	Silver Birch	F	O = Occasional
Betula pubescens	Downy Birch	F	R = Rare
Brachypodium sylvaticum	Wood False-brome	F	
Cardamine flexuosa	Wavy Bitter-cress	0	L = Locally
Carex remota	Remote Sedge	0	(P) = Planted
Carex sylvatica	Wood-sedge	0	
Circaea lutetiana	Enchanter's-nightshade	F	
Conopodium majus	Pignut	0	
Corylus avellana	Hazel	F	
Crataegus laevigata	Midland Hawthorn	F	
Crataegus monogyna	Hawthorn	F	
Crataegus x media	Hawthorn	F	
Dactylis glomerata	Cock's-foot	0	
Dryopteris affinis subsp. cambrensis	Scaly Male-fern	0	
Dryopteris dilatata	Broad Buckler-fern	0	
Fagus sylvatica	Beech	F	
Fraxinus excelsior	Ash	D	
Galium aparine	Cleavers	0	
Geum rivale	Water Avens	0	
Glechoma hederacea	Ground-ivy	0	
Heracleum sphondylium	Hogweed	0	
Holcus mollis	Creeping Soft-grass	0	
Hyacinthoides x massartiana	Hybrid Bluebell	0	
Hyacinthoides non-scripta	Bluebell	А	
llex aquifolium	Holly	0	
Juncus effusus	Soft-rush	0	
Lamiastrum galeobdolon subsp.			
montanum	Yellow Archangel	0	-
Lonicera periclymenum	Honeysuckle	0	-
Lunaria annua	Honesty	R	-
Malus domestica	Apple	0	-
Mercurialis perennis	Dog's Mercury	А	-
Moehringia trinervia	Three-nerved Sandwort	R	-
Myosotis sylvatica	Wood Forget-me-not	0	-
Poa trivialis	Rough Meadow-grass	0	-
Prunus avium	Wild Cherry	O(P)	-
Prunus domestica	Wild Plum	0	4
Quercus robur	Pedunculate Oak	A	4
Ranunculus repens	Creeping Buttercup	F	4
Ribes uva-crispa	Gooseberry	F	4
Rubus fruticosus agg.	Bramble	A	4
Rubus idaeus	Raspberry	0	4
Rumex obtusifolius	Broad-leaved Dock	0	J

Whisby Stocking		10/06/2009
Scientific Name	Common Name	DAFOR Score
Rumex sanguineus	Wood Dock	0
Sambucus nigra	Elder	0
Sonchus asper	Prickly Sow-thistle	0
Stachys sylvatica	Hedge Woundwort	0
Stellaria holostea	Greater Stitchwort	0
Taraxacum agg.	Dandelion	0
Urtica dioica	Common Nettle	0
Veronica montana	Wood Speedwell	0



Grid Square SK87

	Site Summary
Site Name	Strunch Hill Wood
Grid ref.	SK894704
Area (ha.)	8.63
Parish	Doddington and Whisby
District	North Kesteven

Existing	Site of Nature Conservation Importance (SNCI)
Status	Ancient Semi-Natural Woodland
	Higher Level Stewardship Agreement (HLS)

Selection	WD1/1a: All semi-natural or replanted ancient woodland listed in Natural
Criteria Met	England's Ancient Woodland Inventory
	Comment: The entire site is included as semi-natural ancient woodland.

Species	22 species from Table 1 of the Local Wildlife Site Guidelines for designation					
Index score	of woodland and parkland were present on site.					
	Anemone nemorosa Geum rivale Potentilla sterilis					
	Athyrium filix-femina	Hyacinthoides non- scripta	Prunus avium			
	Carex pendula	Hypericum tetrapterum Scrophularia nodo				
	Carex remota	Lamiastrum galeobdolon subsp. montanum	Stellaria holostea			
	Carex sylvatica	Luzula sylvatica	Tilia cordata			
	Conopodium majus	Milium effusum	Veronica montana			
	Dryopteris affinis	Poa nemoralis	Viola reichenbachiana			
	Fragaria vesca					

Additional	A diverse area of ancient semi-natural woodland with many indicator
comments	species.

Site name	Gr	id r	efere	ence			
Strunch Hill Wood	S	к	8 9) 4	7	0 4	Lincolnshire
Site sub-division	Da	ate				_	Environmental
	1	0	0	6	0	9	Records
Recorder(s)	Ti	me	on si	te			Centre
Alex Prendergast			2 hrs	5	0 r	nins	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

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NI 1 <i>31</i>	
Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	Х

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached) A good replanted woodland apparently once used for coniferous plantation but now dominated by small-leaved lime *Tilia cordata* and ash *Fraxinus excelsior* with a lesser amount of pedunculate oak *Quercus robur*. Coniferous plantation (Douglas fir Pseudotsuga *menziesii*, Scot's pine *Pinus sylvestris* and larch *Larix decidua*) is still present in the centre and individual conifer trees occur sporadically throughout. Beech *Fagus sylvaticus* is locally dominant

in the south. Sycamore Acer pseudoplatanus is frequent in areas dominated by beech and appears to be spreading throughout the wood. Silver birch Betula pendula and downy birch Betula pubescens are locally frequent.

The shrub layer is dominated by hawthorn *Crataegus monogyna* with some coppiced hazel *Corylus avellana*. Field maple *Acer campestre*, hybrid hawthorn *Crataegus* × *media*, holly *Ilex aquifolium* and honeysuckle *Lonicera periclymenum* are occasional. A single midland hawthorn *Crataegus laevigata* was recorded from the northern edge.

The field layer is largely dominated by nettle *Urtica dioica* and bramble *Rubus fruticosus* agg. but ancient woodland indicator species are frequent particularly along the rides. Ancient woodland indicator species are present throughout the wood: species present include wood anemone *Anemone nemorosa*, false brome *Brachypodium sylvaticum*, pendulous sedge *Carex pendula*, remote sedge *Carex remota*, wood sedge *Carex sylvatica*, pignut *Conopodium majus*, foxglove *Digitalis purpurea*, scaly male fern *Dryopteris affinis 'cambrensis'*, male fern *Dryopteris filix-mas*, wild strawberry *Fragaria vesca*, water avens *Geum rivale*, bluebell *Hyacinthoides non-scripta*, square-stalked St john's wort *Hypericum tetrapterum*, great woodrush *Luzula sylvatica*, wood millet *Milium effusum*, wood meadow-grass *Poa nemoralis*, barren strawberry *Potentilla sterilis*, common figwort *Scrophularia nodosa*, great stitchwort *Stellaria holostea*, lesser stitch wort *Stellaria graminea*, wood speedwell *Veronica montana* and early dog violet *Viola reichenbachiana*. The common subspecies of yellow archangel *Lamiastrum galeobdolon* ssp. *montanum* is present in the north; specimens present in heavy shade in the north-eastern corner of the wood appears to be the much rarer local subspecies *Lamiastrum galeobdolon* ssp. *galeobdolon* however given the heavy shading it was not possible to be certain. The mosses *Plagiomnium undulatum*, *Fissidens adianthoides* and *Mnium hornum* are frequent.

The ditch along the northern boundary supports water mint *Mentha aquatica* and a few lady ferns *Athyrium filix-femina*.

Mature hornbeam *Carpinus betuloides*, apple *Malus domestica* and hybrid poplar *Populus* x *jackii* trees are present as a belt running east of the south-eastern corner of the wood. Hornets *Vespa crabro* were noted in this area.

Other incidental records of fauna from the site include mole *Talpa europaea*, blackbird *Turdus merula*, carrion crow *Corvus corone*, woodpigeon *Columba palumbus*, robin *Erithacus rubecula*, wren *Troglodytes troglodytes*, great tit *Parus major*, chaffinch *Fringilla coelebs*, speckled wood *Pararge aegeria*, ringlet *Aphantopus hyperantus*, longhorn moth *Nemophora degeerella* and a scorpion fly *Panorpa* sp.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	х
Structural diversity	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting - native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

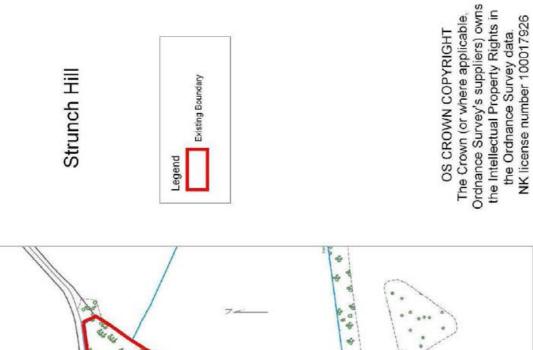
No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	х

Strunch Hill Wood		10/06/2009	
Scientific Name	Common Name	DAFOR Score	
Acer campestre	Field Maple	F	DAFOR Scale
Acer pseudoplatanus	Sycamore	LF	D = Dominant
Ajuga reptans	Bugle	F	A = Abundant
Alliaria petiolata	Garlic Mustard	0	F = Frequent
Anemone nemorosa	Wood Anemone	F	O = Occasional
Anthriscus sylvestris	Cow Parsley	F	R = Rare
Arctium minus	Lesser Burdock	F	
Arrhenatherum elatius	False Oat-grass	0	L = Locally
Arum maculatum	Lords-and-Ladies	0	(P) = Planted
Athyrium filix-femina	Lady-fern	LF	
Betula pendula	Silver Birch	0	
Betula pubescens	Downy Birch	0	
Brachypodium sylvaticum	Wood False-brome	0	
Callitriche stagnalis	Common Water-starwort	0	
Carex pendula	Pendulous Sedge	LF	
Carex remota	Remote Sedge	0	
Carex sylvatica	Wood-sedge	0	
Carpinus betulus	Hornbeam	0	
Circaea lutetiana	Enchanter's-nightshade	0	
Cirsium palustre	Marsh Thistle	0	
Conopodium majus	Pignut	0	
Corylus avellana	Hazel	0	
Crataegus laevigata	Midland Hawthorn	R	
Crataegus monogyna	Hawthorn	F	
Crataegus x media	Hawthorn	0	
Dactylis glomerata	Cock's-foot	0	
Deschampsia cespitosa	Tufted Hair-grass	0	
Digitalis purpurea	Foxglove	0	
Dryopteris affinis subsp. cambrensis	Scaly Male-fern	0	

Strunch Hill Wood		10/06/2009
Scientific Name	Common Name	DAFOR Score
Dryopteris filix-mas	Male-fern	F
Epilobium hirsutum	Great Willowherb	0
Fagus sylvatica	Beech	LF
Filipendula ulmaria	Meadowsweet	LF
Fragaria vesca	Wild Strawberry	0
Fraxinus excelsior	Ash	LD
Galium aparine	Cleavers	0
Geranium robertianum	Herb-Robert	0
Geum rivale	Water Avens	0
Geum urbanum	Wood Avens	0
Glechoma hederacea	Ground-ivy	0
Glyceria notata	Plicate Sweet-grass	0
Hedera helix ssp. helix	Common Ivy	0
Heracleum sphondylium	Hogweed	0
Heracleum sphondynum Holcus mollis		0
	Creeping Soft-grass Bluebell	F
Hyacinthoides non-scripta		
Hypericum tetrapterum	Square-stalked St John's-wort	0
llex aquifolium	Holly	-
Juncus effusus	Soft-rush	0
Lamiastrum galeobdolon subsp. galeobdolon	Yellow Archangel	R
Lamiastrum galeobdolon subsp.		
montanum	Yellow Archangel	0
Larix decidua	European Larch	0
Lemna minor	Common Duckweed	0
Lonicera periclymenum	Honeysuckle	0
Luzula sylvatica	Great Wood-rush	0
Malus domestica	Apple	0
Mentha aquatica	Water Mint	0
Milium effusum	Wood Millet	0
Myosotis sylvatica	Wood Forget-me-not	0
Pinus sylvestris	Scots Pine	LD
Poa nemoralis	Wood Meadow-grass	0
Poa trivialis	Rough Meadow-grass	0
Populus x jackii	Hybrid Poplar	LF
Potentilla sterilis	Barren Strawberry	0
Prunella vulgaris	Selfheal	0
Prunus avium	Wild Cherry	0
Prunus domestica	Wild Plum	0
Pseudotsuga menziesii	Douglas Fir	LD
Pteridium aquilinum	Bracken	0
Quercus robur	Pedunculate Oak	D
Ranunculus acris	Meadow Buttercup	0
Ranunculus repens	Creeping Buttercup	0
Rosa arvensis	Field-rose	0
Rubus fruticosus agg.	Bramble	A
Rumex sanguineus	Wood Dock	F
Salix caprea	Goat Willow	F
Sambucus nigra	Elder	F
Scrophularia nodosa	Common Figwort	0
Senecio jacobaea	Common Ragwort	0

Strunch Hill Wood		10/06/2009
Scientific Name	Common Name	DAFOR Score
Stachys sylvatica	Hedge Woundwort	F
Stellaria graminea	Lesser Stitchwort	0
Stellaria holostea	Greater Stitchwort	F
Stellaria media	Common Chickweed	0
Symphoricarpos albus	Snowberry	F
Taraxacum agg.	Dandelion	0
Taxus baccata	Yew	0
Tilia cordata	Small-leaved Lime	F
Urtica dioica	Common Nettle	0
Veronica chamaedrys	Germander Speedwell	0
Veronica montana	Wood Speedwell	0
Viola reichenbachiana	Early Dog-violet	0





	Site Summary
Site Name	Donkey Close Meadow
Grid ref.	SK895702
Area (ha.)	0.93
Parish	Doddington and Whisby
District	North Kesteven

Existing	Site of Nature Conservation Importance (SNCI)
Status	Lowland Meadow Priority Habitat
	Higher Level Environmental Stewardship (HLS)

Selection	NG1: Semi-natural neutral grassland at least 0.1 ha. in extent, or linear
Criteria Met	areas at least 50m long, with a minimum species index score of 8
	Comment: The site also supports a number of species from Table 8
	swamp marsh and fen but falls two points short of meeting the criteria.

Species	17 species from Table 2 of the Local Wildlife Site Guidelines for					
Index score	designation of neutral grassland were present on site.					
	Anthoxanthum	Anthoxanthum Dactylorhiza fuchsii Lotus				
	odoratum					
	Caltha palustris	Filipendula ulmaria	Potentilla erecta			
	Cardamine pratensis	Galium verum	Primula veris			
	Carex ovalis	Juncus acutiflorus	Sanguisorba			
			officinalis			
	Centaurea nigra	Juncus articulatus	Stachys officinalis			
	Conopodium majus	Lathyrus pratensis				

designation of swamp, marsh and fen were present on site.				
us				

Additional	Old herb-rich damp grassland with seasonal pools. The large adjacent
comments	field has been seeded with a mix of meadow grasses. Interest may
	spread to this area eventually but at present it doesn't merit inclusion.

Site name	Grid reference								
Donkey Close Meadow	S	к	8	9	5	7	0	2	Lincolnshire
Site sub-division	Date							Environmental	
	1	0		0	6	0		9	Records
Recorder(s)	Tir	ne	on	site	;				Centre
Alex Prendergast			1 ł	nrs		0	mi	ns	Ochac

······································	
Woodland – semi-nat / plantation	
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	Α
Neutral Grassland – Unimp / Semi-imp	Α
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	Μ
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	Α
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	х

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

An area of hummocky old herb-rich damp grassland with seasonal pools bordered by a large field apparently recently sown with meadow grass species.

The seasonal pools are dominated by floating sweet-grass *Glyceria fluitans*. The edges support a few species of interest including marsh marigold *Caltha palustris*, greater spearwort *Ranunculus lingua*, marsh bedstraw *Galium palustre*, marsh thistle *Cirsium palustre* and greater birdsfoot trefoil *Lotus pedunculatus*. These seasonal ponds were almost dry at the time of surveying. A slightly deeper pool (but probably also regularly drying) is entirely dominated by a dense stand of a very tall (approximately 1.75m) and large-coned form of water horsetail *Equisetum fluviatile*. Bittersweet *Solanum dulcamara* occurs on the edges of the stand.

The surrounding old meadow supports a high proportion of herbs – mainly great burnet *Sanguisorba officinalis*, betony *Stachys officinalis* and sorrel *Rumex acetosa* but also cowslip *Primula veris*, common knapweed *Centaurea nigra*, meadow vetchling *Lathyrus pratensis*, meadow buttercup *Ranunculus acris*, meadowsweet *Filipendula ulmaria*, common spotted orchid *Dactylorhiza fuchsii*, cuckooflower *Cardamine pratensis*, oval sedge *Carex ovalis* and hairy sedge *Carex hirta*. The main grasses here are Yorkshire fog *Holcus lanatus* and sweet vernal grass *Anthoxanthum odoratum*.

The large adjacent field appears to have recently been sown with a mixture of typical meadow grasses. Meadow fescue *Festuca pratensis* appears to dominate however timothy *Phleum pratense*, soft brome *Bromus hordeaceus*, Yorkshire fog and crested dog's-tail *Cynosurus cristatus* are frequent. Cocksfoot *Dactylis glomerata*, meadow foxtail *Alopecurus geniculatus*, tufted hair-grass *Deschampsia cespitosa* and red fescue *Festuca rubra* are occasional and a single patch of hybrid fescue × *Festulolium Ioliaceum* was also noted near the northern edge. False oat grass *Arrhenatherum elatius* dominates the edge habitat with patches of pignut *Conopodium majus* and rosebay willowherb *Chamerion angustifolium*. Standard pedunculate oaks *Quercus robur* stand in the field. A clump in the north west with oak, hawthorn *Crataegus monogyna* and a horse chestnut *Aesculus hippocastanum* surrounds a small pond which is dominated by soft hornwort *Ceratophyllum submersum* and broad-leaved pondweed *Potamogeton natans*. While this area does support several species not recorded within the current boundary it does not a present appear to be of sufficient value to merit inclusion.

Incidental records of fauna from the site include brown hare *Lepus europaeus*, abundant indetermined bumblebees, painted lady *Vanessa cardui* and many chimney sweep moths *Odezia atrata*.

Additional features

Veteran / pollarded trees	х	Anthills	Areas with frequent / prolonged flooding
Planted specimen trees		Bare ground	Seasonally wet / damp areas x
Standing / fallen dead wood		Rock outcrops	Earthworks / hummocky ground x

Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	Х
Structural diversity	х

Steep slopes	
South facing slopes	
Ridge and furrow	

Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

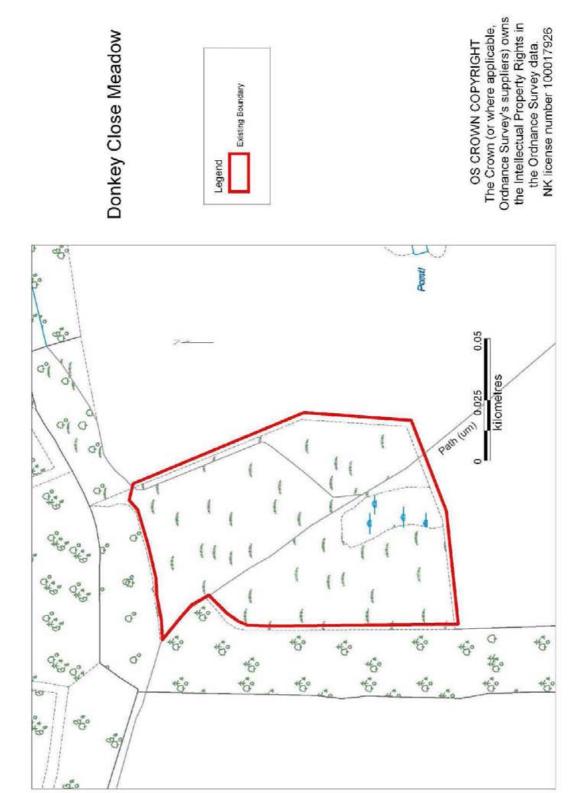
Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Donkey Close Meadow		10/06/2009	
Scientific Name	Common Name	DAFOR Score	
Agrostis capillaris	Common Bent	F	DAFOR Scale
Anthoxanthum odoratum	Sweet Vernal-grass	F	D = Dominant
Bromus hordeaceus	Soft-brome	F	A = Abundant
Caltha palustris	Marsh-marigold	F	F = Frequent
Cardamine pratensis	Cuckooflower	F	O = Occasional
Carex hirta	Hairy Sedge	F	R = Rare
Carex ovalis	Oval Sedge	F	
Centaurea nigra	Common Knapweed	F	L = Locally
Cirsium palustre	Marsh Thistle	0	(P) = Planted
Conopodium majus	Pignut	0	
Crataegus monogyna	Hawthorn	F	
Dactylorhiza fuchsii	Common Spotted-orchid	0	
Dactylis glomerata	Cock's-foot	F	_
Deschampsia cespitosa	Tufted Hair-grass	F	_
Equisetum fluviatile	Water Horsetail	LD	
Filipendula ulmaria	Meadowsweet	F	_
Galium palustre	Marsh-bedstraw	F	
Galium verum	Lady's Bedstraw	F	
Glechoma hederacea	Ground-ivy	F	_
Glyceria notata	Plicate Sweet-grass	F	
Holcus lanatus	Yorkshire-fog	0	
Holcus mollis	Creeping Soft-grass	0	
Juncus acutiflorus	Sharp-flowered Rush	0	
Juncus articulatus	Jointed Rush	F	
Juncus effusus	Soft-rush	0	
Juncus inflexus	Hard Rush	0	
Lathyrus pratensis	Meadow Vetchling	0	
Lotus pedunculatus	Greater Bird's-foot-trefoil	F	
Malus domestica	Apple	0	
Phleum pratense	Timothy	F	
Plantago lanceolata	Ribwort Plantain	0	
Plantago major	Greater Plantain	0	
Potentilla erecta	Tormentil	0	
Primula veris	Cowslip	0	
Prunella vulgaris	Selfheal	F	
Ranunculus acris	Meadow Buttercup	F	
Ranunculus flammula	Lesser Spearwort	F	

Donkey Close Meadow		10/06/2009
Scientific Name	Common Name	DAFOR Score
Ranunculus repens	Creeping Buttercup	F
Rosa canina	Dog Rose	0
Rumex acetosa	Sorrel	F
Rumex conglomeratus	Clustered Dock	0
Rumex crispus	Curled Dock	0
Sanguisorba officinalis	Great Burnet	0
Senecio jacobaea	Common Ragwort	0
Solanum dulcamara	Bittersweet	0
Stachys officinalis	Betony	0
Stellaria graminea	Lesser Stitchwort	0
Stellaria holostea	Greater Stitchwort	0
Taraxacum agg.	Dandelion	0
Trifolium pratense	Red Clover	F
Trifolium repens	White Clover	F
Veronica chamaedrys	Germander Speedwell	0
Vicia sativa	Common Vetch	F
Vicia sepium	Bush Vetch	0



Grid Square SK95

Site Summary		
Site Name	Old Wood, Leadenham	
Grid ref.	SK956511	
Area (ha.)	2.38	
Parish	Leadenham	
District	North Kesteven	

Existing	Site of Nature Conservation Importance (SNCI)
Status	Ancient Semi-Natural Woodland

Selection	WD1/1a: All semi-natural or replanted ancient woodland listed in Natural			
Criteria Met	England's Ancient Woodland Inventory			
	Comment: The entire site is included as Ancient Semi-Natural			
	Woodland although there are few ancient woodland indicator species			
	present.			

Species	Six species from Table 1 of the Local Wildlife Site Guidelines for					
Index score	designation of woodland were present on site.					
	Corylus avellana (P)	Euonymus europaeus (P)	Milium effusum			
	Dryopteris affinis Mercurialis perennis Tilia cordata (F					

Additional	A small area of ancient woodland with few remaining indicator species.
comments	However the current management appears to be increasing the diversity
	through planting of native species.

This site is recommended for designation as a Local Wildlife Site (LWS) following the original SNCI boundary.

Site name	Grid reference								
Old Wood, Leadenham	S	к	9	5	6	5	1	1	Lincolnshire
Site sub-division	Da	ate	-			-			Environmental
	2	6	5	0	5	0		9	Records
Recorder(s)	Ti	me	on	site	e				Centre
Alex Prendergast			11	hrs		20	mi	ins	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	А
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

A sloping site at the southern end of the Lincoln Cliff. Small patches of older woodland and single mature trees (pedunculate oak *Quercus robur*, ash *Fraxinus excelsior* and small-leaved elm *Ulmus minor*) are linked by recent replanting. Presumably the area was previous used for pine plantation as there are a few dead pines remaining standing. The replanting is of an appropriate mix of native hardwood species including field maple *Acer campestre*, alder *Alnus glutinosa*, hazel *Corylus avellana*, hawthorn *Crataegus monogyna*, spindle *Euonymus europaeus*, ash, holly *Ilex aquifolium*, pedunculate oak, bird cherry *Prunus padus*, small-leaved lime *Tilia cordata and common lime Tilia × europaea*. However, there is also a significant amount of sycamore *Acer pseudoplatanus*. It appears that attempts to control the sycamore have been made in the past, but further removal of the regrowth needs to be carried out in the next few years. Small-leaved elm is present as many dead and dying semi-mature trees with obvious symptoms of Dutch elm disease (branch-by-branch dieback and elm bark beetle *Scolytus sp.* galleries under the bark). A few mature horse chestnut *Aesculus hippocastanum* trees are present in the south west – these are infested with the horse chestnut leaf-miner *Cameraria ohridella*.

The field layer is dominated by bramble *Rubus fruticosus* agg. and nettle *Urtica dioica*. Occasional woodland ground flora species of interest include enchanter's nightshade *Circaea lutetiana*, scaly male-fern *Dryopteris affinis*, dog's mercury *Mercurialis perennis*, hairy violet *Viola hirta* and sweet violet *Viola odorata*. A small patch of Himalayan balsam *Impatiens glandulifera* is present.

A small area of wet woodland at the foot of the slope (just above the disused railway cutting) is dominated by large grey poplars *Populus* × *canescens* with ash, small-leaved elm and a single mature alder. The ground flora here includes hard rush *Juncus inflexus*, false brome *Brachypodium sylvaticum* and wood millet *Milium effusum*.

Blackbird Turdus merula and woodpigeon Columba palumbus were incidentally recorded.

A cutting for a footpath down to the disused railway line has an interesting and clear exposure of layered solid and semi-solid clays.

Additional features

Veteran / pollarded trees	х
Planted specimen trees	
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	х
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

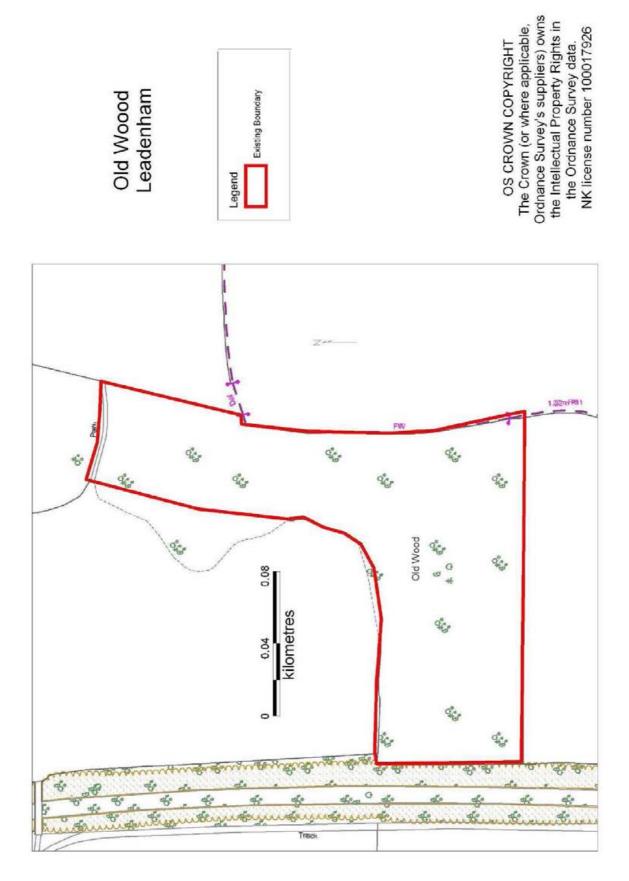
Appropriate management	х
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	
Grazing by rabbits Other grazing Poaching	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	х

Old Wood, Leadenham		26/05/2009	
Scientific Name	Common Name	DAFOR Score	
Acer campestre	Field Maple	F	DAFOR Scale
Acer pseudoplatanus	Sycamore	А	D = Dominant
Aesculus hippocastanum	Horse-chestnut	LF	A = Abundant
Agrostis capillaris	Common Bent	F	F = Frequent
Agrostis stolonifera	Creeping Bent	0	O = Occasional
Alnus glutinosa	Alder	F	R = Rare
Anthriscus sylvestris	Cow Parsley	F	
Arctium minus	Lesser Burdock	F	L = Locally
Arum maculatum	Lords-and-Ladies	0	(P) = Planted
Brachypodium sylvaticum	Wood False-brome	F	
Bryonia dioica	White Bryony	0	
Chamerion angustifolium	Rosebay Williowherb	F	
Circaea lutetiana	Enchanter's-nightshade	F	
Cirsium arvense	Creeping Thistle	F	
Cirsium vulgare	Spear Thistle	F	
Corylus avellana	Hazel	F (P)	
Crataegus monogyna	Hawthorn	F	
Dactylis glomerata	Cock's-foot	F	
Deschampsia cespitosa	Tufted Hair-grass	0	
Dryopteris affinis	Scaly Male-fern	0	
Dryopteris dilatata	Broad Buckler-fern	0	
Dryopteris filix-mas	Male-fern	0	
Epilobium hirsutum	Great Willowherb	F	
Euonymus europaeus	Spindle-tree	F (P)	
Fraxinus excelsior	Ash	F	
Galium aparine	Cleavers	F	
Geum urbanum	Wood Avens	F	
Glechoma hederacea	Ground-ivy	F	
Heracleum sphondylium	Hogweed	F	
llex aquifolium	Holly	F	
Impatiens glandulifera	Himalayan Balsam	LF	
Juncus inflexus	Hard Rush	0	
Lamium album	White Dead-nettle	F	
Mercurialis perennis	Dog's Mercury	F	
Milium effusum	Wood Millet	0	
Myosotis arvensis	Field Forget-me-not	0	
Myosotis sylvatica	Wood Forget-me-not	F	
Phleum pratense agg.	Timothy	R	
Poa trivialis	Rough Meadow-grass	F	
Populus x canadensis	Hybrid Black-poplar	LF	
Populus x canescens	Grey Poplar	LF]

Old Wood, Leadenham		26/05/2009
Scientific Name	Common Name	DAFOR Score
Prunus padus	Bird Cherry	0
Quercus robur	Pedunculate Oak	F
Ranunculus acris	Meadow Buttercup	0
Ranunculus repens	Creeping Buttercup	F
Rosa arvensis	Field-rose	F
Rubus fruticosus agg.	Bramble	F
Rumex sanguineus	Wood Dock	F
Salix caprea	Goat Willow	F
Salix cinerea	Grey Willow	F
Sambucus nigra	Elder	F
Silene dioica	Red Campion	F
Stachys sylvatica	Hedge Woundwort	F
Stellaria media	Common Chickweed	F
Symphytum x uplandicum	Russian Comfrey	0
Tilia cordata	Small-leaved Lime	F(P)
Tilia x europaea	Lime	F(P)
Trisetum flavescens	Yellow Oat-grass	LF
Ulmus glabra	Wych Elm	0
Ulmus minor	Small-leaved Elm	F
Ulmus procera	English Elm	F
Urtica dioica	Common Nettle	F
Veronica chamaedrys	Germander Speedwell	F
Viola hirta	Hairy Violet	R
Viola odorata	Sweet Violet	F



Site Summary			
Site Name	Mill Farm Orchards, Welbourn		
Grid ref.	SK974534		
Area (ha.)	1.07		
Parish	Welbourn		
District	North Kesteven		

Existing	Site of Nature Conservation Importance (SNCI)				
Status	0.45ha is listed as Traditional Orchard Priority Habitat				

Selection	WD6: Traditional orchard with 5 or more standard fruit and/or nut trees			
Criteria Met	with crown edges no more than 20 m apart			
	Comment: This small orchard site supports a number of varieties of fruit			
	tree managed in a traditional way.			

Species	Fruit and nut tree species present on site.						
Index score							
	Corylus avellana	Malus domestica	Pyrus communis				
	Juglans regia	Prunus domestica					

Additional	A small old orchard with some impressive mature apple trees and an
comments	unusual forb-rich grassland

This site is recommended for designation as a Local Wildlife Site (LWS) following the original SNCI boundary.

Site name	Grid reference								
Mill Farm Orchards, Welbourn	S	к	9	7	4	5	3	4	Lincolnshire
Site sub-division	Da	Date					Environmental		
	2	0)	0	8	0		9	Records
Recorder(s)	Ti	Time on site			Centre				
Alex Prendergast			1	hrs		0	mi	ns	

Woodland – semi-nat / plantation	
Wet Woodland	
Parkland / Wood-pasture / Orchard	N
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

A small old orchard with some impressive mature apple *Malus domestica* trees as well as more recent plantings of various fruit and nut bearing species. The grassland underneath supports a forb-rich sward comprised of an odd mix of woodland, calcareous grassland and damp grassland species including agrimony *Agrimonia eupatoria*, lords and ladies *Arum maculatum*, cuckooflower *Cardamine pratensis*, common knapweed *Centaurea nigra*, water avens *Geum rivale*, yellow archangel *Lamiastrum galeobdolon* ssp *montanum*, primrose *Primula vulgaris*, cowslip *Primula veris* and sweet violet *Viola odorata*.

A second area is more open supporting various rough grassland species and semi-mature walnut *Juglans regia* trees. This area is grazed by chickens.

Two large pollarded ash *Fraxinus excelsior* trees stand on the edges of the site. The boundary hedge also includes hazel *Corylus avellana* and guelder rose *Viburnum opulus*.

Incidental records of fauna from the site include green woodpecker *Picus viridis*, common toad *Bufo bufo* and speckled wood *Pararge aegeria* butterfly. The landowner reports records of hedgehog *Erinaceus europaeus*, pygmy shrew *Sorex minutus*, fox *Vulpes vulpes*, badger *Meles meles*, weasel *Mustela nivalis*, mole *Talpa europaea* and field mice.

Additional features

Veteran / pollarded trees	х
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	х
Structural diversity	х

Appropriate management x Inappropriate management x Scrub encroachment x Scrub removal x Coppicing / selective felling x Re-planting – native / non-native x Ride mowing (woodland) x		
Scrub encroachment Scrub removal Coppicing / selective felling Re-planting – native / non-native Ride mowing (woodland)	Appropriate management	х
Scrub removalCoppicing / selective fellingRe-planting – native / non-nativeRide mowing (woodland)	Inappropriate management	
Coppicing / selective fellingRe-planting – native / non-nativeRide mowing (woodland)	Scrub encroachment	
Re-planting – native / non-native Ride mowing (woodland)	Scrub removal	
Ride mowing (woodland)	Coppicing / selective felling	
	Re-planting – native / non-native	
	Ride mowing (woodland)	
Non-intervention (woodland)	Non-intervention (woodland)	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

No grazing / cutting		
Grazing by cattle		
Grazing by sheep		
Grazing by horses		
Grazing by rabbits		
Other grazing	х	
Poaching		
Controlled burning		

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Mill Farm Orchards, Welbourn		20/08/2009	
Scientific Name	Common Name	DAFOR Score	
Achillea millefolium	Yarrow	0	DAFOR Scale
Agrimonia eupatoria	Agrimony	0	D = Dominant
Agrostis capillaris	Common Bent	F	A = Abundant
Anthriscus sylvestris	Cow Parsley	F	F = Frequent
Arctium minus	Lesser Burdock	0	O = Occasional
Arrhenatherum elatius	False Oat-grass	F	R = Rare
Arum maculatum	Lords-and-Ladies	0	
Bellis perennis	Daisy	F	L = Locally
Cardamine pratensis	Cuckooflower	F	(P) = Planted
Centaurea nigra	Common Knapweed	F	
Corylus avellana	Hazel	0	
Deschampsia cespitosa	Tufted Hair-grass	F	
Festuca rubra	Red Fescue	F	
Fraxinus excelsior	Ash	0	
Geranium robertianum	Herb-Robert	0	
Geum rivale	Water Avens	R	
Glechoma hederacea	Ground-ivy	F	
Hedera helix ssp. helix	Common Ivy	F	
Juglans regia	Walnut	0	
Lamiastrum galeobdolon subsp. montanum	Yellow Archangel	0	
Lolium perenne	Perennial Rye-grass	0	
Malus domestica	Apple	LD	
Myosotis sylvatica	Wood Forget-me-not	0	
Primula veris	Cowslip	0	
Primula vulgaris	Primrose	0	
Prunus domestica	Plum	0	
Pyrus communis	Pear	0	
Ranunculus repens	Creeping Buttercup	F	
Rumex obtusifolius	Broad-leaved Dock	0	
Sambucus nigra	Elder	0	
Stachys sylvatica	Hedge Woundwort	0	
Stellaria media	Common Chickweed	0	
Taraxacum agg.	Dandelion	0	
Urtica dioica	Common Nettle	0	
Veronica hederifolia	Ivy-leaved Speedwell	0	
Viburnum opulus	Guelder Rose	0	
Viola odorata	Sweet Violet	0	



Site name	G	Grid reference							
Reeve's Plantation	S	K	9	9	3	5	0	2	
Site sub-division	Da	ate							Lincolnshire
	1	(6	0	7	0		8	Environmental
	0	4	1	0	8	0		8	Records
Recorder(s)	Ti	Time on site							
B. Nicholson, A. Prendergast, T.									Centre
Simpson			2	hrs		10	mi	ins	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	Α
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	Α
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

Reeve's Plantation was accepted as a sub-site of the Cranwell Grassland Local Wildlife Site following a survey carried out in 2008.

The solid line on the map below shows the overall boundary of the accepted Cranwell grassland Local Wildlife Site which includes Reeve's Plantation. The dotted line shows the division between the original Reeve's plantation and Cranwell grassland sites.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	х

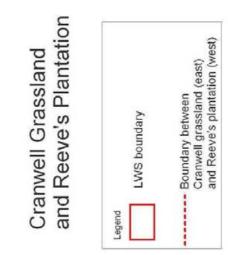
Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

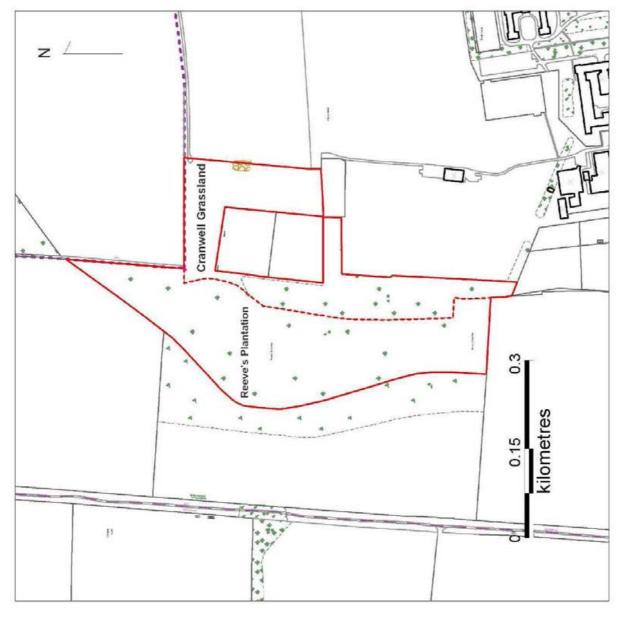
Appropriate management	
Inappropriate management	х
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting - native-/ non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	Х
Other grazing	
Poaching	
Controlled humping	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	х
Frequent short mowing	х
Fertiliser / pesticide / herbicide use (drift)	x
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	



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Grid Square SK96

Site name	Grid reference								
Whisby Pits Complex	s	ĸ	9	0	9	6	6	8	Lincolnshire
	3	N	9	3	2	6	7	3	
Site sub-division	Da	ate							Environmental
									Records
Recorder(s)	Ti	me	on	site	;				
Alex Prendergast, Tracy Simpson, Tim									Centre
Inskipp			ł	irs			mi	ns	

Woodland – semi-nat /-plantation	Α
Wet Woodland	Α
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	Α
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	Α
Damp Grassland / Marsh / Fen	Α
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
5	
Spring / Flush / Blow Well	
Standing Water / Pond	Μ
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	Α
Ruderal	Α
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	Part

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

This large County Wildlife Site covering areas of North Hykeham, South Hykeham and Doddington and Whisby has been divided up into compartments for ease of survey. The compartment boundaries used were provided by the Lincolnshire Local Environmental Record Centre and the Whisby Pits Local Nature Reserve and do not directly correspond to the CWS boundary.

A number of these sites were included in the 2008 survey

- 1. Whisby Nature reserve
- 2. Hykeham Railway
- 3. Hykeham Gravel Pit

Details for each of these can be found in the North Kesteven Review of Local Wildlife Sites 2008 report.

An overview map showing the whole CWS and compartments is provided below.

The following sites were requested for survey during 2009 and individual site summaries, record sheets, species lists and maps for each of these sites are provided below.

- 4. Mr Nevile's Pits East
- 5. Ski World
- 6. Jet Ski Lake
- 7. Compartment 19 East
- 8. Pike Drain
- 9. Teal's Poplar Plantation
- 10. Teal Lake
- 11. Birch Lake
- 12. Pillwort Gorse
- 13. Butterleys pit
- 14. Fischer's Tip
- 15. Fischer's Fishponds

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	

Appropriate management	х
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

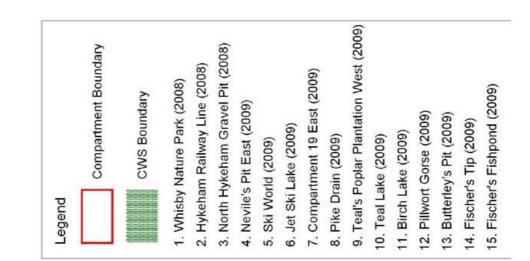
Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

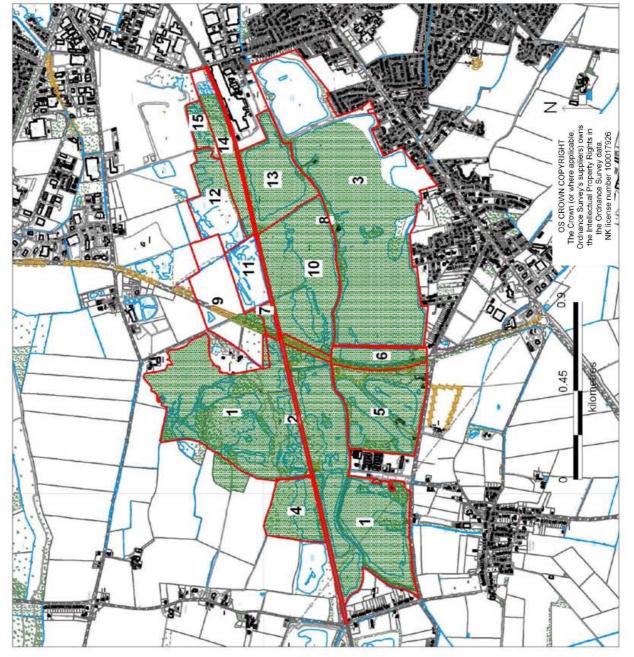
No grazing / cutting Grazing by cattle Grazing by sheep Grazing by horses Crazing by robbits
Grazing by sheep Grazing by horses
Grazing by horses
Crozing by robbito
Grazing by rabbits
Other grazing
Poaching
Controlled burning

Areas with frequent / prolonged flooding	х
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Whisby Pits Complex





Local Wildlife Sites Review / 2009-10 / Report for North Kesteven District Council

Site Summary	
Site Name	Mr Nevile's Pits East, Whisby Pits Complex
Grid ref.	SK909668
Area (ha.)	11.36
Parish	Whisby and Doddington
District	North Kesteven

Existing	Higher Level Stewardship Agreement (HLS)
Status	County Wildlife Site (CWS). Boundary differs from that shown on
	compartment map.

Selection	Mos2: Areas of at least 0.1ha that add to the wildlife value of adjacent
Criteria Met	land qualifying for LWS designation on habitat grounds
	Comment : This site falls two points short of meeting the criteria for
	designation under NG1 . It is likely that additional grassland and wetland
	species are present on site but were not visible during this survey. Also,
	it forms part of the Whisby Pits Complex many areas of which qualify
	under habitat criteria as Local Wildlife Sites.

Species	Six species from Table 2 of the Local Wildlife Site Guidelines for					
Index score	designation of neutral grassland were present on site.					
	Cardamine pratensis	Galium verum	Lathyrus pratensis			
	Centaurea nigra	Hypochaeris radicata	Lotus pedunculatus			

Species	Five species from Table 4 of the Local Wildlife Site Guidelines for					
Index score	designation of heath and acid grassland were present on site.					
	Cytisus scoparius	Pilosella officinarum	Ulex europaeus			
	Hypochaeris radicata Rumex acetosella					

Additional	Survey of this site was restricted by the scrubby nature of the habitat.		
comments	This is likely to have led to under recording of aquatic and emergent		
	species.		

	Also it is continuous with the Whisby Local Nature Reserve which is of
	considerable wildlife value.

This site is recommended for designation as a Local Wildlife Site (LWS) following the Whisby Pits Complex County Wildlife Site boundary.

Site name	Grid reference					r			
Mr Nevile's Pits East, Whisby Pits Complex	S	к	9	0	9	6	6	8	Lincolnshire
Site sub-division	Da	ate						•	Environmental
	1	C)	0	9	0		9	Records
Recorder(s) Alex Prendergast	Ti	me	on	site	e				Centre
· · · · · · · · · · · · · · · · · · ·			1 ł	nrs		0	mi	ins	

Woodland – semi-nat /-plantation	Α
Wet Woodland	Α
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	Α
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	Μ
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	Α
Arable / Improved Grassland	

Constraints

00110110	
Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	Х
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	х

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

A large lake (a flooded gravel pit) with numerous smaller peripheral, seasonally flooded, hollows. The open water is surrounded by dense silver birch *Betula pendula* and grey willow *Salix cinerea* woodland which grade into each other. As such most of the marginal habitat is heavily shaded. Mature ash *Fraxinus excelsior* and oak Quercus *robur* occur towards the edges where the woodland is more open; grading into discrete areas of rough grassland and acid scrub. Much of the area is impenetrable, particularly nearer the water's edge, and as such the extent of the survey was limited and the only truly aquatic species recorded was duckweed *Lemna minor*.

Ground flora includes occasional tufted hair-grass *Deschampsia cespitosa*, broad buckler-fern *Dryopteris dilatata* and male fern *Dryopteris filix-mas*.

The rough grassland is dominated by false oat-grass *Arrhenatherum elatius* with a varied forb community. Species present include cuckooflower Cardamine *pratensis*, common knapweed *Centaurea nigra*, common centaury *Centaurium erythraea*, lady's bedstraw *Galium verum*, dove's-foot crane's-bill *Geranium molle*, perforate St. john's wort *Hypericum perforatum*, cat's-ear *Hypochaeris radicata*, meadow vetchling *Lathyrus pratensis*, gypsywort *Lycopus europaeus*, mouse-ear hawkweed *Pilosella officinarum*, sorrel *Rumex acetosa*, sheep's sorrel *Rumex acetosella* and alsike clover *Trifolium hybridum*.

Patches of scrub are composed of typical species such as gorse *Ulex europaeus*, broom *Cytisus scoparius*, honeysuckle *Lonicera periclymenum*, bramble *Rubus fruticosus* agg. and young birch.

The site appears to receive little human disturbance and as such is probably of value to nesting birds; various indetermined waterfowl were recorded during the survey.

The larger pit to the west appears to be of similar quality.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	х
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

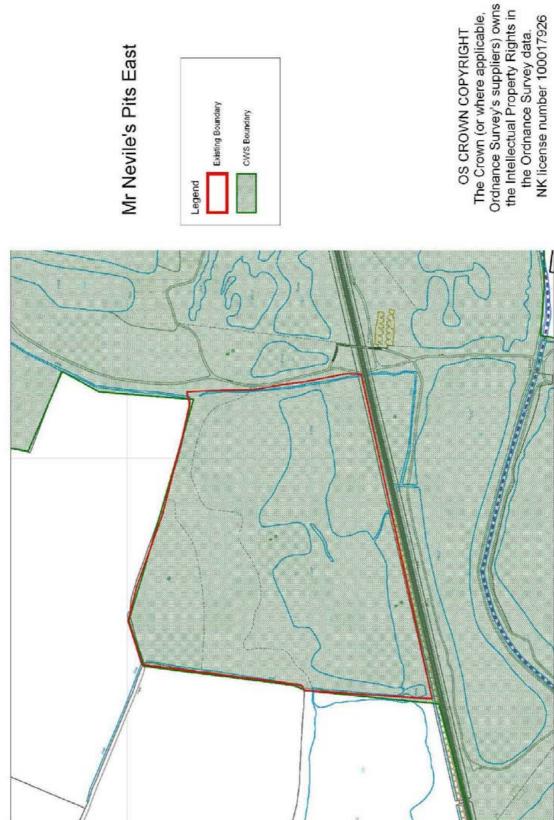
Appropriate management	х
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Mr Nevile's Pits East, Whisby	Pits Complex	10/09/2009	1	
Scientific Name	ientific Name Common Name DAFOR Score			
Achillea millefolium	Yarrow	LF	DAFOR Scale	
Agrostis capillaris	Common Bent	LD	D = Dominant	
Arrhenatherum elatius	False Oat-grass	LF	A = Abundant	
Betula pendula	Silver Birch	D	F = Frequent	
Betula pubescens	Downy Birch	A	O = Occasional	
Cardamine pratensis	Cuckooflower	0	R = Rare	
Centaurea nigra	Common Knapweed	LF		
Centaurium erythraea	Common Centaury	0	L = Locally	
Cerastium fontanum	Common Mouse-ear	LF	(P) = Planted	
Cirsium arvense	Creeping Thistle	0		
Cirsium palustre	Marsh Thistle	0		
Cirsium vulgare	Spear Thistle	0		
Conyza canadensis	Canadian Fleabane	0		
Crataegus monogyna	Hawthorn	0		
Cytisus scoparius	Broom	0		
Dactylis glomerata	Cock's-foot	F		
Deschampsia cespitosa	Tufted Hair-grass	F		
Dipsacus fullonum	Wild Teasel	0		
Dryopteris dilatata	Broad Buckler-fern	0		
Dryopteris filix-mas	Male-fern	0		
Epilobium hirsutum	Great Willowherb	0		
Festuca rubra	Red Fescue	0		
Fraxinus excelsior	Ash	0		
Galium verum	Lady's Bedstraw	0		
Geranium molle	Dove's-foot Crane's-bill	0		
Heracleum sphondylium	Hogweed	0		
Holcus lanatus	Yorkshire-fog	0		
Hypericum perforatum	Perforate St John's-wort	0		
Hypochaeris radicata	Cat's-ear	0		
Juncus conglomeratus	Compact Rush	0		
Juncus effusus	Soft-rush	0		
Juncus inflexus	Hard Rush	0		
Lathyrus pratensis	Meadow Vetchling	0		
Lemna minor	Common Duckweed	0		
Leontodon autumnalis	Autumn Hawkbit	0		
Lonicera periclymenum	Honeysuckle	0		
Lotus pedunculatus	Greater Bird's-foot-trefoil	0		
Lycopus europaeus	Gypsywort	0	1	
Pilosella officinarum	Mouse-ear-hawkweed	0	1	
Plantago lanceolata	Ribwort Plantain	0	1	
Potentilla reptans	Creeping Cinquefoil	0	1	

Mr Nevile's Pits East, Whisby F	10/09/2009	
Scientific Name	Common Name	DAFOR Score
Prunella vulgaris	Selfheal	0
Prunus spinosa	Blackthorn	0
Quercus robur	Pedunculate Oak	0
Ranunculus repens	Creeping Buttercup	0
Rosa arvensis	Field-rose	0
Rubus fruticosus agg.	Bramble	0
Rumex acetosa	Sorrel	0
Rumex acetosella	Sheep's Sorrel	0
Rumex crispus	Curled Dock	0
Rumex sanguineus	Wood Dock	0
Salix caprea	Goat Willow	0
Salix cinerea	Grey Willow	А
Salix viminalis	Osier	0
Senecio jacobaea	Common Ragwort	0
Sonchus arvensis	Perennial Sow-thistle	0
Tamus communis	Black Bryony	0
Taraxacum agg.	Dandelion	0
Trifolium hybridum	Alsike Clover	0
Trifolium repens	White Clover	0
Ulex europaeus	Gorse	0
Urtica dioica	Common Nettle	0
Veronica chamaedrys	Germander Speedwell	0
Vicia cracca	Tufted Vetch	0



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Mr Nevile's Pits East

Existing Boundary

CWS Boundary

Site Summary				
Site Name	Ski World, Whisby Pits Complex			
Grid ref.	SK915662			
Area (ha.)	25.17			
Parish	Doddington and Whisby			
District	North Kesteven			

Existing	County Wildlife Site (CWS). Boundary differs from that shown on
Status	compartment map.

Sta2: Standing water with a minimum species index score of 8.			
Comment: This site also has some areas of grassland habitat but an			
insufficient number of species were recorded here for the site to qualify			
under NG1 or HE2. This site also forms part of the Whisby Pits Complex			
nany areas of which qualify under habitat criteria as Local Wildlife Sites,			
herefore allowing it to qualify under Mos 2 .			
ר ווי			

Species	Nine species from Table 7 of the Local Wildlife Site Guidelines for							
Index score	designation of freshwater habitats were present on site.							
	Equisetum palustreMentha aquaticaScrophularia auriculata							
	Glyceria maxima	Potamogeton crispus Typha latifolia						
	Iris pseudacorus	Potamogeton Veronica beccabunga						
		pectinatus						

Additional	This is a relatively diverse site which as well as being of interest for its
comments	flora also supports a number of bird and butterfly species. (See previous
	survey information held by LERC)

Recommendations
This site is recommended for designation as a Local Wildlife Site (LWS) following the
Whisby Pits Complex County Wildlife Site boundary.

Site name	Grid reference								
Ski World, Whisby Pits Complex	S	ĸ	9	1	5	6	6	2	Lincolnshire
Site sub-division	Da	ate	-	•			, 		Environmental
	1		1	0	9	0		9	Records
Recorder(s)	Time on site				Centre				
Alex Prendergast			2	hrs		0	mi	ns	

Woodland – semi-nat / plantation	
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	Α
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	Μ
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	Α

Constraints

Early / Late surveyShort visit / WeatherHay cutTerrain / VegetationDogs / Grazing / Game		
Hay cut Terrain / Vegetation	Early / Late survey	
Terrain / Vegetation	Short visit / Weather	
	Hay cut	
Dogs / Grazing / Game	Terrain / Vegetation	
	Dogs / Grazing / Game	

NI 197

-	
Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

Three eutrophic lakes (flooded gravel pits) dominated by Canadian pondweed *Elodea canadensis* and, at the time of survey a significant amount of blanketweed *Cladophora glomerata* with smaller amounts of fennel-leaved pondweed *Potamogeton pectinatus* and curled pondweed *Potamogeton crispus*. The larger of the lakes is used for waterskiing and as such suffers from minor chemical pollution. The two smaller lakes are also used for recreational activities.

Marginal species present on the edges of the lakes include yellow flag *Iris pseudacorus*, gypsywort *Lycopus europaeus*, water mint *Mentha aquatica*, celery-leaved buttercup *Ranunculus sceleratus*, clustered dock *Rumex conglomeratus*, water figwort *Scrophularia auriculata*, bulrush *Typha latifolia* and brooklime *Veronica beccabunga*.

Much of the surrounding land is managed as a caravan and camping site with large areas of improved grassland and amenity planting, however remnants of the original heath/dry grassland survive in very limited areas. Species present in these areas include yarrow *Achillea millefolium*, sheep's fescue *Festuca ovina*, red fescue *Festuca rubra*, perforate St john's wort *Hypericum perforatum*, cat's-ear *Hypochaeris radicata* and cowslip *Primula veris*. Gorse *Ulex europaeus* is occasional. The site presents ample opportunity for re-creation of heathland habitat. Various cultivated heathers have been planted as part of the landscaping.

Incidental records of fauna from the site include coot *Fulica atra*, moorhen *Gallinula chloropus*, mallard *Anas platyrhynchos*, wren *Troglodytes troglodytes*, whirligig beetles *Gyrinus sp.* and small tortoiseshell *Aglais urticae*

Additional features

Veteran / pollarded trees	
Planted specimen trees	х
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	

U	
Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

No grazing / cutting	Silage
Grazing by cattle	Mowin
Grazing by sheep	Freque
Grazing by horses	Fertilis

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	

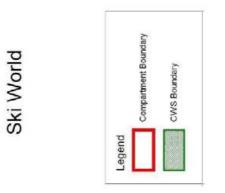
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Ski World, Whisby Pits Com	plex	11/09/2009	
Scientific Name	Common Name	DAFOR Score	
Acer platanoides	Norway Maple	0	DAFOR Scale
Acer pseudoplatanus	Sycamore	0	D = Dominant
Achillea millefolium	Yarrow	0	A = Abundant
Aegopodium podagraria	Ground Elder	0	F = Frequent
Aesculus hippocastanum	Horse-chestnut	0	O = Occasional
Agrostis capillaris	Common Bent	A	R = Rare
Alnus glutinosa	Alder	0	
Anagallis arvensis	Scarlet Pimpernell	0	L = Locally
Aphanes arvensis	Parsley-piert	0	(P) = Planted
Arrhenatherum elatius	False Oat-grass	A	
Artemisia vulgaris	Mugwort	0	_
Ballota nigra	Black Horehound	0	
Bellis perennis	Daisy	0	_
, Beta vulgaris	Beet	0	7
Betula pendula	Silver Birch	F	
Bryonia dioica	White Bryony	0	
Cerastium fontanum	Common Mouse-ear	F	_
Chenopodium ficifolium	Fig-leaved Goosefoot	0	_
Cirsium vulgare	Spear Thistle	0	_
Dipsacus fullonum	Wild Teasel	0	_
Elodea canadensis	Canadian Waterweed	LD	
Epilobium hirsutum	Great Willowherb	0	
Equisetum palustre	Marsh Horsetail	0	
Fallopia japonica	Japanese Knotweed	0	
Festuca ovina agg.	Sheep's-fescue	0	
Festuca rubra	Red Fescue	F	
Galium aparine	Cleavers	0	
Geranium molle	Dove's-foot Crane's-bill	0	
Glechoma hederacea	Ground-ivy	0	
Glyceria maxima	Reed Sweet-grass	0	
Hedera helix	Common Ivy	0	
Holcus lanatus	Yorkshire-fog	0	
Hypericum perforatum	Perforate St John's-wort	0	
Hypochaeris radicata	Cat's-ear	F	
Iris pseudacorus	Yellow Iris	0	
Juncus bufonius agg.	Rush	0	
Juncus inflexus	Hard Rush	F	
Lactuca virosa	Great Lettuce	0	
Lolium perenne	Perennial Rye-grass	0	
Lotus pedunculatus	Greater Bird's-foot-trefoil	0	
Lycopus europaeus	Gypsywort	0	
Mentha aquatica	Water Mint	0	
Persicaria maculosa	Redshank	0	
Picris echioides	Bristly Oxtongue	0	
Plantago lanceolata	Ribwort Plantain	0	
Plantago major	Greater Plantain	0	

Ski World, Whisby Pits Complex 11/09/2009						
Scientific Name	Common Name	DAFOR Score				
Populus alba	White Poplar	0				
Populus x canadensis	Hybrid Black-poplar	0				
Populus x canescens	Grey Poplar	0				
Potamogeton crispus	Curled Pondweed	R				
Potamogeton pectinatus	Fennel Pondweed	F				
Primula veris	Cowslip	0				
Prunella vulgaris	Selfheal	0				
Prunus domestica	Wild Plum	0				
Prunus spinosa	Blackthorn	0				
Quercus robur	Pedunculate Oak	0				
Ranunculus repens	Creeping Buttercup	0				
Ranunculus sceleratus	Celery-leaved Buttercup	0				
Rubus fruticosus agg.	Bramble	0				
Rumex conglomeratus	Clustered Dock	0				
Rumex crispus	Curled Dock	0				
Rumex obtusifolius	Broad-leaved Dock	0				
Salix alba	White Willow	0				
Salix cinerea	Grey Willow	F				
Salix fragilis	Crack-willow	0				
Salix viminalis	Osier	0				
Sambucus nigra	Elder	0				
Scrophularia auriculata	Water Figwort	0				
Senecio jacobaea	Common Ragwort	0				
Senecio vulgaris	Groundsel	0				
Silene latifolia	White Campion	0				
Solanum dulcamara	Bittersweet	0				
Solanum nigrum	Black Nightshade	0				
Sorbus aucuparia	Rowan	0				
Stachys sylvatica	Hedge Woundwort	0				
Stellaria media	Common Chickweed	0				
Symphytum x uplandicum	Russian Comfrey	0				
Taraxacum agg.	Dandelion	0				
Tilia cordata	Small-leaved Lime	R				
Torilis japonica	Upright Hedge-parsley	0				
Typha latifolia	Bulrush	0				
Ulex europaeus	Gorse	0				
Urtica dioica	Common Nettle	0				
Veronica agrestis	Green Field-speedwell	0				
Veronica beccabunga	Brooklime	0				



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Site Summary				
Site Name	Jet Ski Lake, Whisby Pits Complex			
Grid ref.	SK918662			
Area (ha.)	7.78			
Parish	Thorpe on the hill			
District	North Kesteven			

Existing	County Wildlife Site (CWS)
Status	Boundary differs from that shown on compartment map.

Selection	Mos2: Areas of at least 0.1ha that add to the wildlife value of adjacent					
Criteria Met	land qualifying for LWS designation on habitat grounds					
	Comment: This site forms part of the Whisby Pits Complex many areas					
	of which qualify under habitat criteria as Local Wildlife Sites.					

Species	Two species from Table 1 of the Local Wildlife Site Guidelines for						
Index score	designation of woodland and parkland were present on site.						
	Hyacinthoides non-Stellaria holosteascripta						

Species	One species from Table 4 of the Local Wildlife Site Guidelines for				
Index score	designation of heath and acid grassland was present on site.				
	Ulex europaeus				

Species	One species from Table 7 of the Local Wildlife Site Guidelines for					
Index score	designation of freshwater habitats was present on site.					
	Schoenoplectus lacustris					

Additional	While this site does not have much interest in its own right it is located			
comments	between Ski World and North Hykeham gravel pits (surveyed 2008),			
	both of which do meet Local Wildlife Sites Criteria.			

This site is recommended for designation as a Local Wildlife Site (LWS) following the Whisby Pits Complex County Wildlife Site boundary.

Site name	Grid reference								
Jet Ski Lake, Whisby Pits Complex	S	K	9	1	8	6	6	2	Lincolnshire
Site sub-division		ate							Environmental
	2	2	2	1	0	0		8	Records
Recorder(s)	Time on site						Centre		
Alex Prendergast, Graham Hopkins, Christine Hipperson			0	nrs		30	mi	ns	

Woodland – semi-nat / plantation	A
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	A
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	Μ
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	А
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

A long, narrow lake adjacent to the main road. The only aquatic species recorded were Nuttall's pondweed *Elodea nuttalii* and common club-rush *Schoenoplectus lacustris*. The steep edges are scrubby, with common ruderal species, planted willows, pedunculate oak *Quercus robur* and gorse *Ulex europaeus*.

A line of fine old pedunculate oak trees, mountain ash *Sorbus aucuparia* and gorse bushes stand on the eastern edge of the site. Various ancient woodland species such as greater stitchwort *Stellaria holostea* and bluebell *Hyacinthoides non-scripta* are present in small numbers at the base of the trees. This remnant woodland probably represents the natural wooded element of the site's flora before excavation of the gravel pits.

Additional features

Veteran / pollarded trees x	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees x	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	х
South facing slopes	Х
Ridge and furrow	

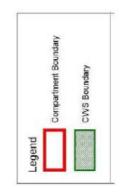
No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

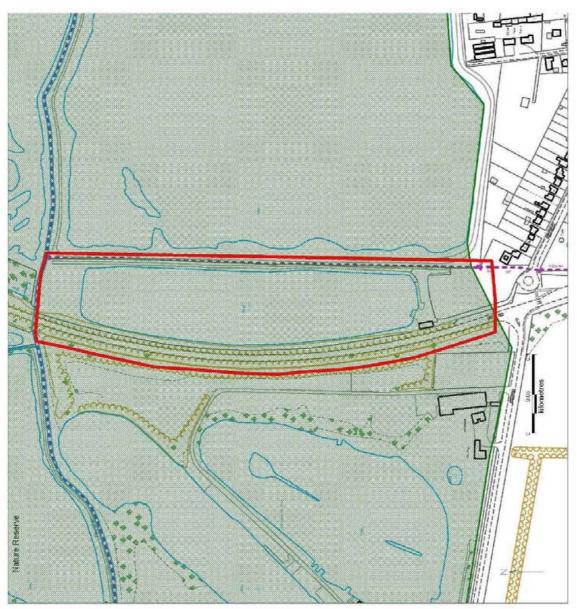
Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Jet Ski Lake, Whisby Pits Complex		22/10/2008]
Scientific Name	Common Name	DAFOR Score	-
Achillea millefolium	Yarrow	0	DAFOR Scale
Agrostis capillaris	Common Bent	F	D = Dominant
Anagallis arvensis	Scarlet Pimpernell	R	A = Abundant
Arctium minus	Lesser Burdock	0	F = Frequent
Arrhenatherum elatius	False Oat-grass	F	O = Occasional
Artemisia vulgaris	Mugwort	0	R = Rare
Betula pendula	Silver Birch	0	
Betula pubescens	Downy Birch	0	L = Locally
Brachypodium sylvaticum	Wood False-brome	LF	(P) = Planted
Cirsium arvense	Creeping Thistle	0	
Cirsium vulgare	Spear Thistle	0	-
Elodea nuttallii	Nuttall's Waterweed	LD	-
Festuca rubra	Red Fescue	0	
Glechoma hederacea	Ground-ivy	0	-
Heracleum sphondylium	Hogweed	0	
Holcus lanatus	Yorkshire-fog	0	-
Hyacinthoides non-scripta	Bluebell	LF	
Lapsana communis	Nipplewort	0	
Potentilla anserina	Silverweed	0	-
Quercus robur	Pedunculate Oak	LD	
Rubus fruticosus agg.	Bramble	F	
Rumex obtusifolius	Broad-leaved Dock	F	
Salix alba	White Willow	0	
Salix cinerea	Grey Willow	0	
Salix viminalis	Osier	0	-
Sambucus nigra	Elder	0	-
Schoenoplectus lacustris	Common Club-rush	LF	-
Senecio jacobaea	Common Ragwort	0]
Sorbus aucuparia	Rowan	0	
Stachys sylvatica	Hedge Woundwort	0	
Stellaria holostea	Greater Stitchwort	LF]
Ulex europaeus	Gorse	0	

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Jet Ski Lake



Site Summary	
Site Name	Compartment 19 East, Whisby Pits Complex
Grid ref.	SK920669
Area (ha.)	0.7
Parish	Doddington and Whisby
District	North Kesteven

Existing	County Wildlife Site (CWS) Boundary differs from that shown on
Status	compartment map.

Selection	Mos2: Areas of at least 0.1ha that add to the wildlife value of adjacent
Criteria Met	land qualifying for LWS designation on habitat grounds
	Comment: This site forms part of the Whisby Pits Complex many areas
	of which qualify under habitat criteria as Local Wildlife Sites.

Species	Five species from Table 2 of the Local Wildlife Site Guidelines for						
Index score	designation of neutral grassland were present on site.						
	Centaurea nigra	Filipendula ulmaria	Leucanthemum vulgare				
	Cynosurus cristatus	Hypochaeris radicata					

Additional	Probably valuable to birds. Not surveyed in full due to access
comments	restrictions.

This site is recommended for designation as a Local Wildlife Site (LWS) following the Whisby Pits Complex County Wildlife Site boundary.

Site name	G	Grid reference							
Compartment 19 East, Whisby Pits Complex	S	к	9	2	0	6	6	9	Lincolnshire
Site sub-division	Da	ate							Environmental
	0	8	3	1	0	0)	9	Records
Recorder(s)	Ti	Time on site						Centre	
Alex Prendergast			0	hrs		20	mi	ns	

Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	Ν
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

х

NI 197

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

A small compartment bordered by a main road, a drain and wire fences. The flora is dominated by impenetrable scrub; as such it was surveyed from outside the compartment.

Young silver birch *Betula pendula* woodland and acid scrub including mountain ash *Sorbus aucuparia*, gorse *Ulex europaeus* and bramble *Rubus fruticosus* agg. dominates the drier areas while willows, mainly grey willow *Salix cinerea*, and a few alders *Alnus glutinosa*, dominate an area around a small lake near the centre.

The dense vegetation around the pool suggests it is a valuable area for birds.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

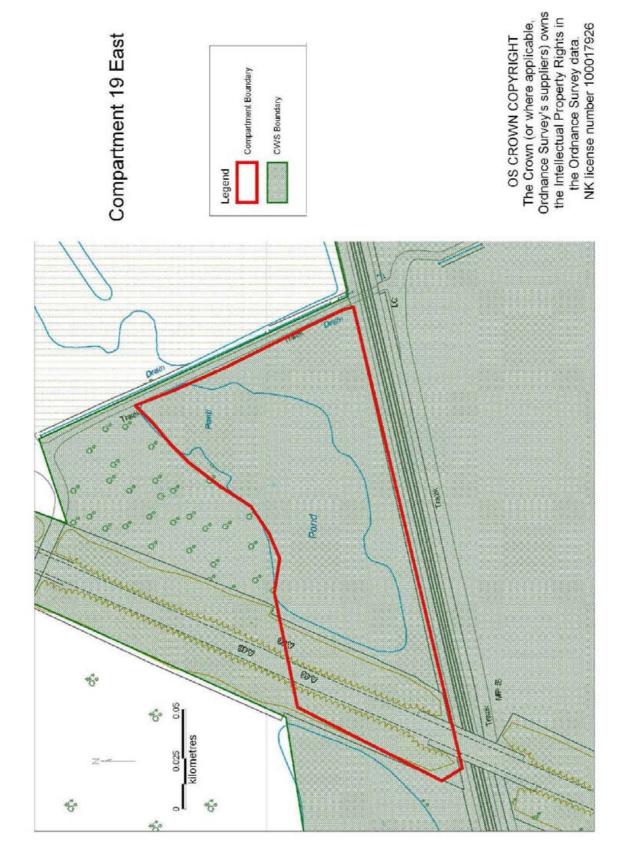
Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Compartment 19 East, Whisby Pits Complex		08/10/2009	
Scientific Name	Common Name	DAFOR Score	
Acer pseudoplatanus	Sycamore	0	DAFOR Scale
Achillea millefolium	Yarrow	R	D = Dominant
Agrostis capillaris	Common Bent	0	A = Abundant
Alnus glutinosa	Alder	R	F = Frequent
Arrhenatherum elatius	False Oat-grass	0	O = Occasional
Artemisia vulgaris	Mugwort	0	R = Rare
Betula pendula	Silver Birch	F	
Betula pubescens	Downy Birch	F	L = Locally
Centaurea nigra	Common Knapweed	LF	(P) = Planted
Centaurium erythraea	Common Centaury	LF	
Cerastium fontanum	Common Mouse-ear	LF	1
Chamerion angustifolium	Rosebay Williowherb	R	
Cirsium arvense	Creeping Thistle	R	
Conium maculatum	Hemlock	0	
Crataegus monogyna	Hawthorn	R	
Cynosurus cristatus	Crested Dog's-tail	LF	
Dipsacus fullonum	Wild Teasel	LF	
Filipendula ulmaria	Meadowsweet	0	
Fraxinus excelsior	Ash	0	
Heracleum sphondylium	Hogweed	0	
Holcus lanatus	Yorkshire-fog	0	
Hypochaeris radicata	Cat's-ear	LF	
Juncus effusus	Soft-rush	0	
Leucanthemum vulgare	Oxeye Daisy	LF	
Prunus spinosa	Blackthorn	0	
Quercus robur	Pedunculate Oak	0	
Ranunculus repens	Creeping Buttercup	0	
Rubus fruticosus agg.	Bramble	F]
Salix caprea	Goat Willow	0	
Salix cinerea	Grey Willow	D]
Salix viminalis	Osier	0	
Senecio jacobaea	Common Ragwort	0	
Sorbus aucuparia	Rowan	0]
Ulex europaeus	Gorse	0	
Urtica dioica	Common Nettle	0]



Site Summary		
Site Name	Pike Drain, Whisby	
Grid ref.	SK921666-SK928667	
Area (ha.)	0.43 (0.74km)	
Parish	Several	
District	North Kesteven	

Existing	Site of Nature Conservation Importance (SNCI)					
Status	County Wildlife Site (CWS) Boundary differs from that shown on					
	compartment map.					

Selection	FIo3: Rivers, streams, canals, drains and ditches with a minimum				
Criteria Met	species index score of 10				
	Comment: This drain was not flowing at the time of survey but it is likely				
	that it experiences low flow at times.				
	This site also forms part of the Whisby Pits Complex many areas of				
	which qualify under habitat criteria as Local Wildlife Sites, therefore				
	allowing it to also qualify under Mos2.				

Species	11 species from Table 7 of the Local Wildlife Site Guidelines for							
Index score	designation of freshwater were present on site.							
	Callitriche stagnalis	Lythrum salicaria	Sparganium erectum					
	Carex acutiformis	Mentha aquatica	Typha latifolia					
	Glyceria maxima	Potamogeton natans	Veronica beccabunga					
	Iris pseudacorus	Rorippa nasturtium-						
		aquaticum						

Species	Eight species from Table 8 of the Local Wildlife Site Guidelines for						
Index score	designation of swamp, marsh and fen were present on site.						
	Apium nodiflorum	n nodiflorum Iris pseudacorus					
	Eupatorium cannabinum	Lythrum salicaria	Sparganium erectum				
	Filipendula ulmaria	Mentha aquatica					

Additional	This site runs between Teal Lake and North Hykeham Gravel Pit
comments	(surveyed 2008) providing a link between the two sites

Site name	Gi	Grid reference							
Pike Drain	S	Κ	9	2	1	6	6	6	
	S	κ	9	2	8	6	6	7	Lincolnshire
Site sub-division	Da	ate		1	1		1	1	Environmental
	1	8	3	0	9	0		8	Records
	2	2	2	1	0	0		9	
Recorder(s)	Ti	me	on	site	;				Centre
Alex Prendergast, Barry Nicholson									
			1 ł	nrs		30	mi	ns	

Woodland – semi-nat / plantation	
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	Μ
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

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Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

Pike Drain runs roughly east-west through the Whisby Pits complex. The drain has a well established emergent and bankside flora, including branched bur-reed *Sparganium erectum*, common bulrush *Typha latifolia*, purple loosestrife *Lythrum salicaria*, fool's watercress *Apium nodiflorum*, yellow flag *Iris pseudacorus*, comfrey *Symphytum officinale*, watercress *Rorippa nasturtium-aquaticum* and water chickweed *Myosoton aquaticum*. In the west the drain is almost choked by reed sweet grass *Glyceria maxima*; however it becomes more open further east where aquatic species include broad-leaved pondweed *Potamogeton natans* and water starwort *Callitriche stagnalis* agg.

The upper banks support a coarse semi-improved neutral grassland flora dominated by species such as false oatgrass *Arrhenatherum elatius* and cock's-foot *Dactylis glomerata*. Tall ruderals such as horseradish *Armoracia rusticana*, mugwort *Artemisia vulgaris*, rosebay willowherb *Chamerion angustifolium* and nettle *Urtica dioica* occur scattered amongst the grassland, together with forbs such as meadowsweet *Filipendula ulmaria*, common knapweed *Centaurea nigra*, sorrel *Rumex acetosa* and lesser stitchwort *Stellaria graminea*.

Dense hedges on the northern bank in the east limit disturbance to avifauna using Teal Lake by people using the footpath on the southern bank. New footbridges have been constructed over the drain for access to bird hides overlooking the lake.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	х
Structural diversity	

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	х
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	х
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	

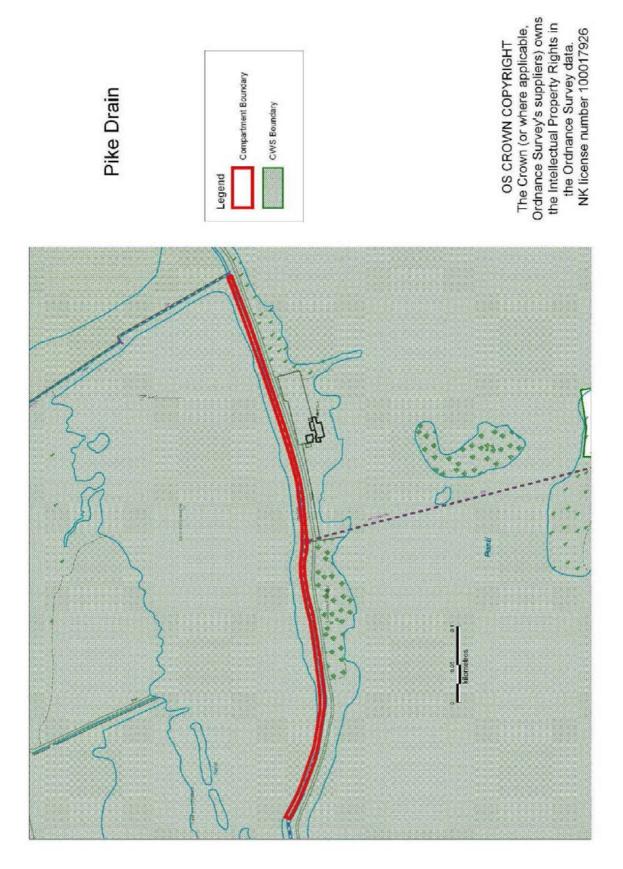
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Pike Drain		22/10/2009]
Scientific Name	Common Name	DAFOR Score	-
Acer campestre	Field Maple	0	DAFOR Scale
Achillea millefolium	Yarrow	0	D = Dominant
Agrostis capillaris	Common Bent	F	A = Abundant
Agrostis stolonifera	Creeping Bent	F	F = Frequent
Apium nodiflorum	Fool's-water-cress	F	O = Occasional
Armoracia rusticana	Horse-radish	0	R = Rare
Arrhenatherum elatius	False Oat-grass	F	
Artemisia vulgaris	Mugwort	0	L = Locally
Callitriche stagnalis	Common Water-starwort	0	(P) = Planted
Cardamine hirsuta	Hairy Bitter-cress	0	
Carex acutiformis	Lesser Pond-sedge	LF	
Centaurea nigra	Common Knapweed	0	
Cerastium fontanum	Common Mouse-ear	0	
Chaerophyllum temulum	Rough Chervil	0	
Chamerion angustifolium	Rosebay Williowherb	LF	
Cirsium arvense	Creeping Thistle	LF	
Cirsium vulgare	Spear Thistle	0	
Crataegus monogyna	Hawthorn	0	
Dactylis glomerata	Cock's-foot	F	
Deschampsia cespitosa	Tufted Hair-grass	0	
Elytrigia repens	Common Couch	LF	
Eupatorium cannabinum	Hemp Agrimony	0	
Filipendula ulmaria	Meadowsweet	F	
Fraxinus excelsior	Ash	0	
Galium aparine	Cleavers	0	
Geranium pyrenaicum	Hedgerow Crane's-bill	0	
Glechoma hederacea	Ground-ivy	F	_
Glyceria maxima	Reed Sweet-grass	LD	_
Holcus lanatus	Yorkshire-fog	0	_
Iris pseudacorus	Yellow Iris	0	_
Leucanthemum vulgare	Oxeye Daisy	0	_
Lolium perenne	Perennial Rye-grass	0	_
Lythrum salicaria	Purple Loosestrife	0	_
Mentha aquatica	Water Mint	0	_
Myosoton aquaticum	Water Chickweed	0	_
Plantago lanceolata	Ribwort Plantain	0	_
Plantago major	Greater Plantain	0	_
Poa annua	Annual Meadow-grass	0	_
Potamogeton natans	Broad-leaved Pondweed	LF	_
Prunus domestica	Wild Plum	LF	-
Quercus robur	Pedunculate Oak	0	4
Ranunculus acris	Meadow Buttercup	0	4
Ranunculus repens	Creeping Buttercup	0	
Rorippa nasturtium-aquaticum	Watercress	0	
Rubus fruticosus agg.	Bramble	0	4
Rumex acetosa	Sorrel	0	

Pike Drain		22/10/2009
Scientific Name	Common Name	DAFOR Score
Rumex obtusifolius	Broad-leaved Dock	0
Rumex sanguineus	Wood Dock	0
Sambucus nigra	Elder	0
Sparganium erectum	Branched Bur-reed	0
Stellaria graminea	Lesser Stitchwort	LA
Symphytum officinale	Common Comfrey	0
Trifolium pratense	Red Clover	0
Trifolium repens	White Clover	0
Typha latifolia	Bulrush	LF
Urtica dioica	Common Nettle	0
Veronica beccabunga	Brooklime	0
Veronica chamaedrys	Germander Speedwell	0
Vicia cracca	Tufted Vetch	0



Site Summary	
Site Name	Teal's Poplar Plantation West, Whisby Pits Complex
Grid ref.	SK921672
Area (ha.)	18.42
Parish	Doddington and Whisby / North Hykeham
District	North Kesteven

Existing	County Wildlife Site (CWS). Boundary differs from that shown on
Status	compartment map.

Selection	Mos2: Areas of at least 0.1ha that add to the wildlife value of adjacent		
Criteria Met	land qualifying for LWS designation on habitat grounds		
	Comment: This site forms part of the Whisby Pits Complex many areas		
	of which qualify under habitat criteria as Local Wildlife Sites.		

Species	Four species from Table 1 of the Local Wildlife Site Guidelines for						
Index score	designation of woodland and parkland were present on site.						
	Cornus sanguinea	Dryopteris affinis	Veronica officinalis				
	Corylus avellana						

Species	Five species from Table 2 of the Local Wildlife Site Guidelines for					
Index score	designation of neutral grassland were present on site.					
	Centaurea nigra	Hypochaeris radicata	Lotus pedunculatus			
	Cynosurus cristatus					

Species	Five species from Table 3 of the Local Wildlife Site Guidelines for					
Index score	designation of calcareous grassland were present on site.					
	Blackstonia perfoliata	Hypericum perforatum	Reseda lutea			
	Centaurea nigra	Lotus corniculatus				

Species	Four species from Table 4 of the Local Wildlife Site Guidelines for
Index score	designation of heathland and acid grassland were present on site.

Cytisus scoparius	Hypochaeris radicata	Ulex europaeus		
Erodium cicutarium				

Additional	This site supports a number of interesting species including a small area				
comments	of early-stage heathland which would benefit from management and				
	could possibly be extended.				

Site name	Gi	Grid reference							
Teal's Poplar Plantation West Whisby Pits Complex	S	К	9	2	1	6	7	2	Lincolnshire
Site sub-division	Da	ate			1				Environmental
	1	0		0	9	0		9	Records
Recorder(s)	Ti	me	on	site	9				Centre
Alex Prendergast			1	hrs		30 I	mi	ns	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	Α
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	A
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

Management Plan		
Advice being followed		
Woodland Grant Scheme		
HLS / ELS / OEL		

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

A mature poplar plantation apparently planted over an area of acid grassland. Hazel *Corylus avellana* has also been planted. Silver birch *Betula pendula*, downy birch *Betula pubescens*, hawthorn *Crataegus monogyna*, dogwood *Cornus sanguinea* and pedunculate oak *Quercus robur* are occasional. The ground flora includes various ferns (*Dryopteris affinis*, *D. filix-mas* and *D. dilatata*) and a significant remnant heathy flora including common knapweed *Centaurea nigra*, thyme-leaved speedwell *Veronica serpyllifolia* and heath speedwell *Veronica officinalis*. At the time of survey a small crop of marijuana *Cannabis sativa* cv. was being grown near the centre of the wood.

The woodland margins support a varied flora including gorse *Ulex europaeus*, broom *Cytisus scoparius*, small reed *Calamagrostis epigeios*, yellow-wort *Blackstonia perfoliata*, common centaury *Centaurium erythraea*, crested dog's-tail *Cynosurus cristatus*, blue fleabane *Erigeron acer*, common stork's-bill *Erodium cicutarium*, perforate St john's wort *Hypericum perforatum*, common cat's-ear *Hypochaeris radicata*, bird's-foot trefoil *Lotus corniculatus*, field woodrush *Luzula campestris* and dewberry *Rubus caesium*. A small open area on an exposure of sand is becoming lichen-bryophyte heath (although silver birch is establishing). Much of this area could readily be restored to heathland with simple management of clearance and grazing.

The pool to the south of the site is bordered by grey willow *Salix cinerea* and bulrush *Typha latifolia*. The aquatic community is dominated by Canadian pondweed *Elodea canadensis*, and broad-leaved pondweed *Potamogeton natans* with ivy-leaved duckweed *Lemna trisulca* and flat-stalked pondweed *Potamogeton friesii*.

Birch bolete Krombholziella versipellis and mallard Anas platyrhynchos were also recorded.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	Х
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	х

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	х
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

Appropriate management	No grazing / cutting
Inappropriate management	Grazing by cattle

Silage / hay / hay with grazing	
Mowing and non-removal	

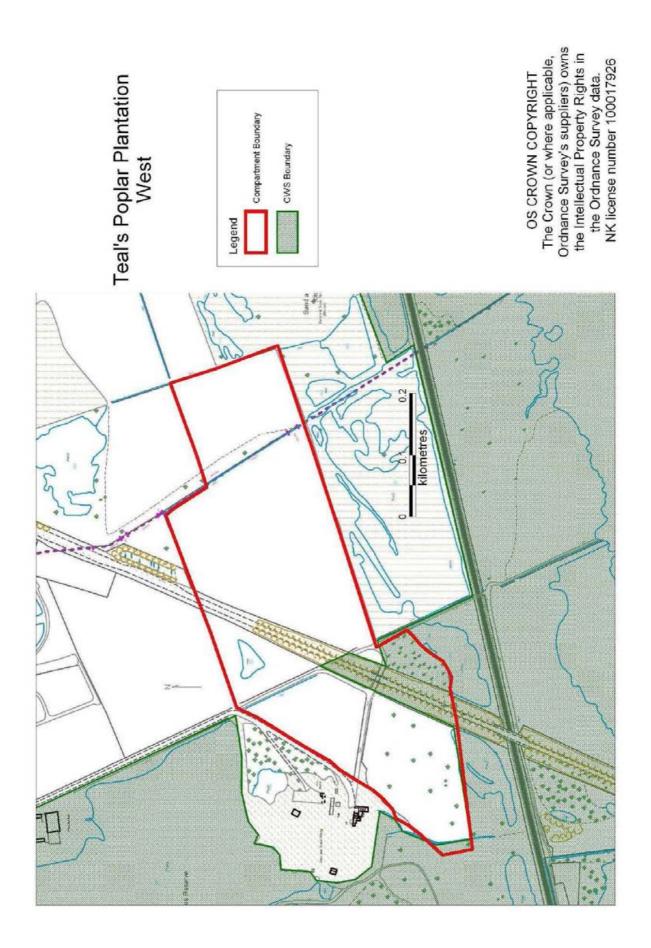
Scrub encroachment	х
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

Grazing by sheep	
Grazing by horses	
Grazing by rabbits	Х
Other grazing	
Poaching	
Controlled burning	

Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Teal's Poplar Plantation We	st, Whisby Pits Complex	10/09/2009]
Scientific Name	Common Name	DAFOR Score	
Anagallis arvensis	Scarlet Pimpernell	R	DAFOR Scale
Artemisia vulgaris	Mugwort	LF	D = Dominant
Bellis perennis	Daisy	LF	A = Abundant
Betula pendula	Silver Birch	F	F = Frequent
Betula pubescens	Downy Birch	F	O = Occasional
Blackstonia perfoliata	Yellow-wort	LF	R = Rare
Calamagrostis epigejos	Wood Small-reed	LF	
Cannabis sativa	Marijuana	Р	L = Locally
Calystegia sepium	Hedge Bindweed	0	(P) = Planted
Centaurea nigra	Common Knapweed	0	
Centaurium erythraea	Common Centaury	LF	
Cerastium semidecandrum	Little Mouse-ear	0	
Chamerion angustifolium	Rosebay Williowherb	0	
Cirsium arvense	Creeping Thistle	0	
Cornus sanguinea	Dogwood	R	
Corylus avellana	Hazel	Р	
Crataegus monogyna	Hawthorn	0	
Cynosurus cristatus	Crested Dog's-tail	LF	
Cytisus scoparius	Broom	0	
Dactylis glomerata	Cock's-foot	0	
Dryopteris affinis	Scaly Male-fern	0	
Dryopteris dilatata	Broad Buckler-fern	0	
Dryopteris filix-mas	Male-fern	0	
Elodea canadensis	Canadian Waterweed	LD	
Equisetum arvense	Field Horsetail	0	
Erigeron acer	Blue Fleabane	0	
Erodium cicutarium	Common Stork's-bill	0	
Festuca rubra	Red Fescue	F	
Geranium molle	Dove's-foot Crane's-bill	0	
Hypericum perforatum	Perforate St John's-wort	0	
Hypochaeris radicata	Cat's-ear	0	
Juncus effusus	Soft-rush	0	
Lemna trisulca	Ivy-leaved Duckweed	LF	
Leontodon autumnalis	Autumn Hawkbit	0	
Lotus corniculatus	Common Bird's-foot-trefoil	0	
Lotus pedunculatus	Greater Bird's-foot-trefoil	0	
Luzula campestris	Field Wood-rush	0	
Oenothera biennis	Common Evening-primrose	0	
Papaver somniferum	Opium Poppy	0	
Phragmites australis	Common Reed	LD	
Populus x canadensis	Hybrid Black-poplar	D	
Potamogeton friesii	Flat-stalked Pondweed	LF	
Potamogeton natans	Broad-leaved Pondweed	LD	1
Potentilla anserina	Silverweed	0	
			-

Teal's Poplar Plantation West, Whisby Pits Complex		10/09/2009
Scientific Name	Common Name	DAFOR Score
Potentilla reptans	Creeping Cinquefoil	0
Prunella vulgaris	Selfheal	0
Quercus robur	Pedunculate Oak	0
Ranunculus repens	Creeping Buttercup	0
Reseda lutea	Wild Mignonette	0
Rubus fruticosus agg.	Bramble	F
Rubus caesius	Dewberry	0
Salix cinerea	Grey Willow	0
Salix viminalis	Osier	0
Senecio jacobaea	Common Ragwort	0
Tussilago farfara	Colt's-foot	0
Typha latifolia	Bulrush	LD
Ulex europaeus	Gorse	LA
Veronica officinalis	Heath Speedwell	0
Veronica serpyllifolia	Thyme-leaved Speedwell	0



	Site Summary
Site Name	Teal's Lake, Whisby Pits Complex
Grid ref.	SK923667
Area (ha.)	23.96
Parish	Whisby
District	North Kesteven

Existing	Managed by Lincolnshire Wildlife Trust
Status	Higher Level Stewardship Agreement (HLS)
	County Wildlife Site (CWS). Boundary differs from that shown on
	compartment map.

Selection	Mos2: Areas of at least 0.1ha that add to the wildlife value of adjacent
Criteria Met	land qualifying for LWS designation on habitat grounds
	Comment : This site forms part of the Whisby Pits Complex many areas
	of which qualify under habitat criteria as Local Wildlife Sites. It also
	narrowly misses out on qualifying as neutral grassland falling one
	species short of the 8 required for NG1.

Species	Seven species from Table 2 of the Local Wildlife Site Guidelines for					
Index score	designation of neutral grassland were present on site.					
	Cynosurus cristatus	Lathyrus pratensis	Lotus pedunculatus			
	Equisetum palustre	Leucanthemum	Poa pratensis			
		vulgare				
	Hypochaeris radicata					

Species	Five species from Table 7 of the Local Wildlife Site Guidelines for					
Index score	designation of freshwater were present on site.					
	Alisma plantago- aquatica	Equisetum palustre	Typha latifolia			
	Chara vulgaris	Phragmites australis				

Additional	While the main habitat on site is standing water this site failed to qualify
comments	under Sta2 having only five species from Table 7.
	It is possible that additional species are present but were unobtainable
	from the bank.
	The site is poorly managed for its acid grassland habitat; scrub has
	been allowed to establish and has been planted in some areas.
	Crassula helmsii has also been allowed to become abundant around the
	shore of the lake.
	shore of the lake.

Site name	G	rid	ref	erer	ice				
Teal's Lake, Whisby Pits Complex	S	к	9	2	3	6	6	7	Lincolnshire
Site sub-division	Da	ate		•		_			Environmental
	1	1		0	9	0		9	Records
Recorder(s)	Ti	me	on	site	e				Centre
Alex Prendergast			2	hrs		30	mi	ns	

Neutral Grassland – Unimp / Semi-imp Calcareous Grassland – Unimp / Semi-imp Acid Grassland – Unimp / Semi-imp		
Parkland / Wood-pasture / Orchard Scrub - scattered / dense // Neutral Grassland - Unimp / Semi-imp // Calcareous Grassland - Unimp / Semi-imp // Acid Grassland - Unimp / Semi-imp //	Woodland – semi-nat / plantation	
Scrub – scattered / dense // Neutral Grassland – Unimp / Semi-imp // Calcareous Grassland – Unimp / Semi-imp // Acid Grassland – Unimp / Semi-imp //	Wet Woodland	
Neutral Grassland – Unimp / Semi-imp Calcareous Grassland – Unimp / Semi-imp Acid Grassland – Unimp / Semi-imp	Parkland / Wood-pasture / Orchard	
Calcareous Grassland – Unimp / Semi-imp Acid Grassland – Unimp / Semi-imp	Scrub – scattered / dense	Α
Acid Grassland – Unimp / Semi-imp	Neutral Grassland – Unimp / Semi-imp	
	Calcareous Grassland – Unimp / Semi-imp	
	Acid Grassland – Unimp / Semi-imp	Α
Damp Grassland / Marsh / Fen	Damp Grassland / Marsh / Fen	Α
Purple Moor Grass and Rush Pasture	Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	Heathland / Acid Peatland	
Bracken	Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	Μ
Reedbed	
Grazing Marsh	Α
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late surveyShort visit / WeatherHay cutTerrain / VegetationDogs / Grazing / Game		
Hay cut Terrain / Vegetation	Early / Late survey	
Terrain / Vegetation	Short visit / Weather	
	Hay cut	
Dogs / Grazing / Game	Terrain / Vegetation	
	Dogs / Grazing / Game	

NI 197

х

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

A large lake (a flooded gravel pit) surrounded by areas of grazing marsh/damp grassland, scrub and small patches of remnant dry and acid grassland. The open water is dominated by Canadian pondweed *Elodea canadensis* with the stonewort *Chara vulgaris*, and probably other aquatic macrophyte species unobtainable from the bank.

Margins support stands of common reed *Phragmites australis* and bulrush *Typha latifolia*. The marginal zone of almost the entire lake is dominated by the invasive alien Australian swamp stonecrop *Crassula helmsii*. Also occurring in this marginal habitat are water plantain *Alisma plantago-aquatica*, marsh horsetail *Equisetum palustre*, greater bird's-foot trefoil *Lotus pedunculatus* and gypsywort *Lycopus europaeus*. Much of the lake is bordered by a dense willow and birch woodland; here silver birch *Betula pendula* and grey willow *Salix cinerea* dominate with occasional alder *Alnus glutinos*a and goat willow *Salix caprea*.

Dry acid grassland fragments around the perimeter of the site support such species as wormwood *Artemisia absinthium*, broom *Cytisus scoparius*, vipers bugloss *Echium vulgare*, cat's-ear *Hypochaeris radicata*, sheep's-bit *Jasione montana*, mouse-ear hawkweed *Pilosella officinarum*, hedge parsley *Torilis japonica* and gorse *Ulex europaeus*. Signs at entrance points indicate that some of the site is being managed for lowland acid grassland however much of the area available for the preservation of this habitat has been allowed to become scrubbed over and in some areas woody species have been planted! This habitat requires grazing following the removal of scrub if it is to continue to be of conservation value. Urgent consideration should be given to the control of Australian swamp stonecrop, if it is not to spread to other nearby lakes in the complex which are not yet infested.

Incidental records of fauna from the site include large white Pieris brassicae and whirligig beetles.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	х

Appropriate management	
Inappropriate management	х
Scrub encroachment	х
Scrub removal	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

No grazing / cutting		Silage / hay / hay with grazing
Grazing by cattle	х	Mowing and non-removal
Grazing by sheep		Frequent short mowing
Grazing by horses		Fertiliser / pesticide / herbicide use

Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

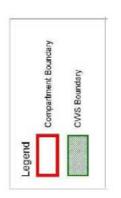
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

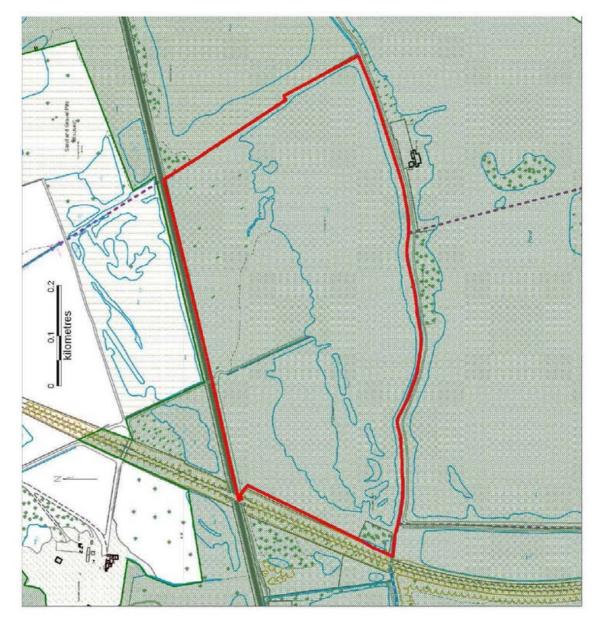
Teals Lake, Whisby Pits Complex		11/09/2009	1
Scientific Name	Common Name	DAFOR Score	
Acer campestre	Field Maple	0	DAFOR Scale
Acer pseudoplatanus	Sycamore	0	D = Dominant
Achillea millefolium	Yarrow	0	A = Abundant
Alisma plantago-aquatica	Water-plantain	0	F = Frequent
Alnus glutinosa	Alder	0	O = Occasional
Arrhenatherum elatius	False Oat-grass	F	R = Rare
Artemisia absinthium	Wormwood	R	
Artemisia vulgaris	Mugwort	F	L = Locally
Bellis perennis	Daisy	0	(P) = Planted
Betula pendula	Silver Birch	F	
Centaurium erythraea	Common Centaury	F	
Cerastium fontanum	Common Mouse-ear	F	
Chamerion angustifolium	Rosebay Williowherb	0	1
Chara vulgaris	stonewort	F	1
Cirsium arvense	Creeping Thistle	0	1
Cirsium vulgare	Spear Thistle	0	
Corylus avellana	Hazel	0	
Crassula helmsii	New Zealand Pigmyweed	LD	
Crataegus monogyna	Hawthorn	F	
Cynosurus cristatus	Crested Dog's-tail	F	
Cytisus scoparius	Broom	0	
Dactylis glomerata	Cock's-foot	F	
Daucus carota	Carrot	0	
Dipsacus fullonum	Wild Teasel	F	
Echium vulgare	Viper's-bugloss	0	
Elodea canadensis	Canadian Waterweed	LD	
Epilobium hirsutum	Great Willowherb	0	
Equisetum arvense	Field Horsetail	F	
Equisetum palustre	Marsh Horsetail	LF	
Festuca rubra	Red Fescue	F	
Fraxinus excelsior	Ash	F	
Geranium pyrenaicum	Hedgerow Crane's-bill	0	
Heracleum sphondylium	Hogweed	F	
Holcus lanatus	Yorkshire-fog	0	
Hypericum perforatum	Perforate St John's-wort	F	
Hypochaeris radicata	Cat's-ear	F	1
Jasione montana	Sheepsbit	R	1
Juncus conglomeratus	Compact Rush	0	1
Juncus effusus	Soft-rush	F	1
Juncus inflexus	Hard Rush	F	1
Lathyrus pratensis	Meadow Vetchling	F	1
Leontodon autumnalis	Autumn Hawkbit	F	1
Leucanthemum vulgare	Oxeye Daisy	0	1
Lotus pedunculatus	Greater Bird's-foot-trefoil	F	1
Lycopus europaeus	Gypsywort	0	1

Teals Lake, Whisby Pits Complex		11/09/2009
Scientific Name	Common Name	DAFOR Score
Medicago lupulina	Black Medick	F
Odontites vernus	Red Bartsia	F
	Common Evening-	
Oenothera biennis	primrose	F
Phleum pratense	Timothy	F
Phragmites australis	Common Reed	LD
Pilosella aurantiaca	Fox-and-cubs	0
Pilosella officinarum	Mouse-ear-hawkweed	0
Plantago coronopus	Buck's-horn Plantain	0
Plantago lanceolata	Ribwort Plantain	0
Poa pratensis	Smooth Meadow-grass	0
Populus x canadensis	Hybrid Black-poplar	0
Prunus avium	Wild Cherry	0
Prunus domestica	Wild Plum	0
Prunus spinosa	Blackthorn	0
Quercus robur	Pedunculate Oak	0
Rosa arvensis	Field-rose	0
Rubus fruticosus agg.	Bramble	F
Rubus caesius	Dewberry	F
Rumex acetosa	Sorrel	0
Rumex conglomeratus	Clustered Dock	0
Rumex crispus	Curled Dock	F
Rumex obtusifolius	Broad-leaved Dock	0
Sagina procumbens	Procumbent Pearlwort	0
Salix caprea	Goat Willow	F
Salix cinerea	Grey Willow	F
Salix fragilis	Crack-willow	F
Salix viminalis	Osier	F
Senecio jacobaea	Common Ragwort	0
Sonchus arvensis	Perennial Sow-thistle	0
Sorbus aucuparia	Rowan	0
Stellaria graminea	Lesser Stitchwort	0
Taraxacum agg.	Dandelion	0
Torilis japonica	Upright Hedge-parsley	0
Tragopogon pratensis	Goat's-beard	0
Trifolium arvense	Hare's-foot Clover	0
Trifolium dubium	Lesser Trefoil	0
Trifolium pratense	Red Clover	0
Trifolium repens	White Clover	F
Tripleurospermum inodorum	Scentless Mayweed	0
Tussilago farfara	Colt's-foot	0
Typha latifolia	Bulrush	F
Ulex europaeus	Gorse	LF
Vicia cracca	Tufted Vetch	0

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Teal Lake



Site name	Gr	Grid reference				-			
Birch Lake	S	K	9	2	3	6	7	0	Lincolnshire
Site sub-division	Da	ite	-						Environmental
	1	3	3	1	0	0		9	Records
Recorder(s)	Ti	me	on	site	3				Centre
Alex Prendergast			0	nrs		20	mi	ns	

Woodland – semi-nat / plantation	
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

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Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

This site was de-allocated as a CWS and the habitat is now entirely destroyed. Site now used as an active refuse tip. Survey not attempted.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	

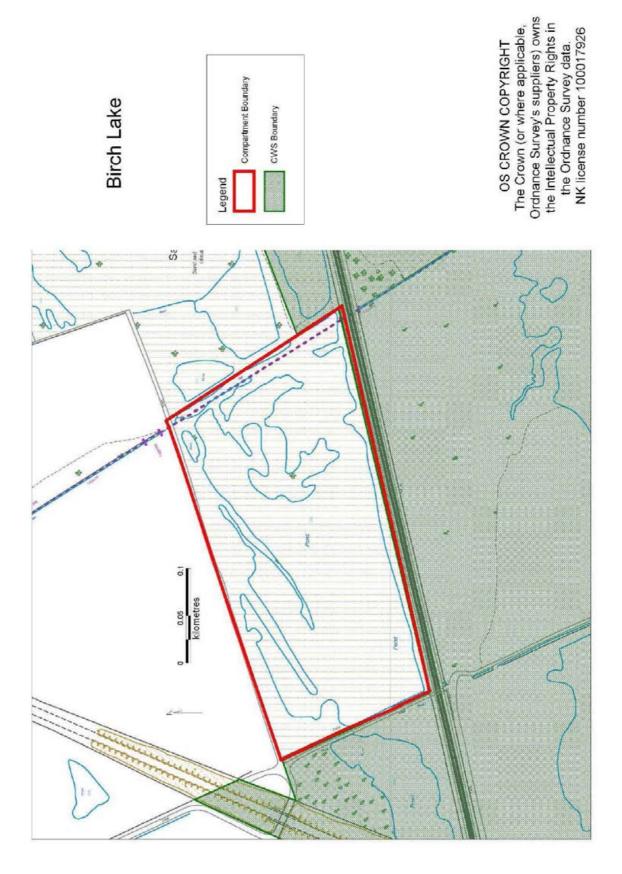
Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	



Site name	Gi	rid	ref	erer	ice	-			
Pillwort Gorse	S	к	9	2	8	6	7	2	Lincolnshire
Site sub-division	Da	ate	-	•	1		, 	•	Environmental
	1	3	3	1	0	0)	9	Records
Recorder(s)	Ti	me	on	site	9				Centre
Alex Prendergast			0	hrs		10	mi	ns	

Woodland – semi-nat / plantation	
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

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Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

This site was de-allocated as a CWS and the habitat is now entirely destroyed. Site now used as an active refuse tip. Survey not attempted.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	

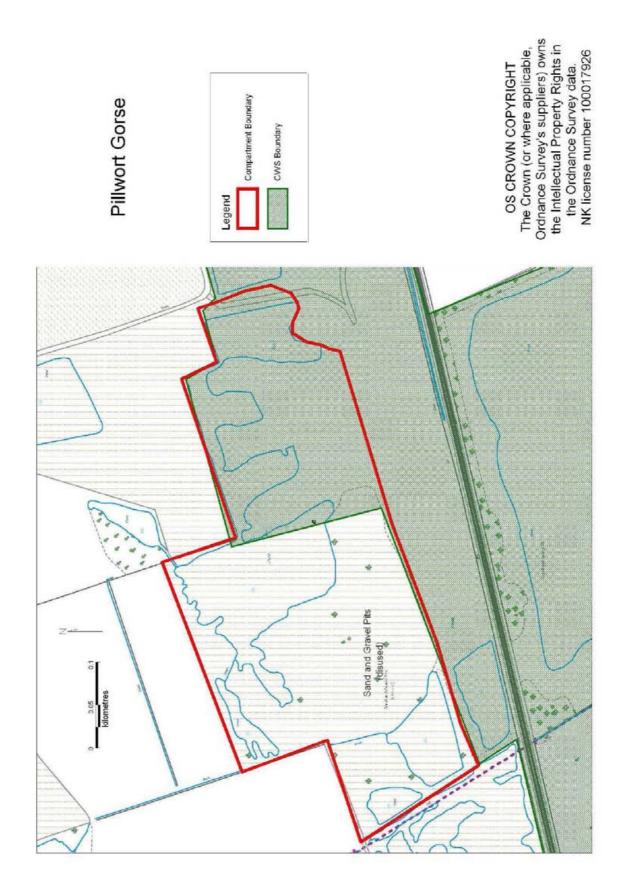
Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

	-
Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	



Site Summary				
Site Name	Butterley's Pit, Whisby Pits Complex			
Grid ref.	SK929669			
Area (ha.)	18.18			
Parish	North Hykeham			
District	North Kesteven			

Existing	County Wildlife Site (CWS)
Status	Boundary differs from that shown on compartment map.

Selection	Mos2: Areas of at least 0.1ha that add to the wildlife value of adjacent			
Criteria Met	land qualifying for LWS designation on habitat grounds			
	Comment: This site forms part of the Whisby Pits Complex many areas			
	of which qualify under habitat criteria as Local Wildlife Sites.			

Species	Seven species from Table 1 of the Local Wildlife Site Guidelines for							
Index score	designation of woodland and parkland were present on site.							
	Cornus sanguinea Epipactis helleborine Populus tremula							
	Corylus avellana	Eupatorium	Prunus avium					
		cannabinum						
	Dryopteris affinis							

Species	Four species from Table 7 of the Local Wildlife Site Guidelines for							
Index score	designation of freshwater habitats were present on site.							
	Phragmites australis	PotamogetonTypha latifoliapectinatus						
	Potamogeton natans							

Additional	While this site does not qualify for designation in its own right it does				
comments	support a number of interesting species and it is felt that its inclusion as				
	a LWS will help to maintain and enhance adjacent sites.				

Site name	Grid reference										
Butterley's Pit, Whisby Pits Complex	s	к	9	2	9	6	6	9	Lincolnshire		
Site sub-division	Date						Environmental				
	3	1		0	7	0		9	Records		
Recorder(s)	Time on site				Centre						
Alex Prendergast, Tracy Simpson			11	hrs		20	mi	ns			

Woodland – semi-nat / plantation	Α
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	A
Neutral Grassland – Unimp / Semi-imp	A
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	Μ
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

A flooded gravel pit bordered by dry grassland and young woodland. The site is used as a fishing lake with natural stocking levels.

The open water habitat is dominated by Canadian pondweed *Elodea canadensis*, with smaller amounts of broadleaved pondweed *Potamogeton natans* and fennel-leaved pondweed *Potamogeton pectinatus*. White water-lily *Nymphaea alba* is present although probably planted. The marginal zone is entirely dominated by the invasive alien *Crassula helmsii*. Other marginal species include hemp agrimony *Eupatorium cannabinum*, greater bird'sfoot trefoil *Lotus pedunculatus*, celery-leaved buttercup *Ranunculus sceleratus*, clustered dock *Rumex conglomeratus* and bulrush *Typha latifolia*.

Some of the woodland element on the site appears to be natural, pre-dating the excavation of the gravel pit however most appears to have been recently planted or established in order to reinforce to banks of the lake. Nevertheless a few interesting woodland species are present including scaly male fern *Dryopteris affinis* and broad-leaved helleborine *Epipactis helleborine*. Woody species include alder *Alnus glutinosa*, aspen *Populus tremula*, ash *Fraxinus excelsior*, dogwood *Cornus sanguinea*, pedunculate oak *Quercus robur* and various willow *Salix* species.

Dry grassland dominated by false oat-grass Arrhenatherum elatius, red fescue Festuca rubra, and timothy Phleum pratense occurs on the slopes bordering the pit. Common centaury Centaurea erythraea, carrot Daucus carota, perforate St johns wort Hypericum perforatum, cat's-ear Hypochaeris radicata, ox-eye daisy Leucanthemum vulgare and red bartsia Odontites vernus are frequent. Two notable alien species are also present in this habitat; New Zealand Flax Phormium tenax and Evening Primrose Oenothera biennis. Gorse Ulex europaeus is occasional.

Incidental records of fauna from the site include fox *Vulpes vulpes*, mole *Talpa europaea*, woodpigeon *Columba palumbus*, mute swan *Cygnus olor*, wren *Troglodytes troglodytes*, coot *Fulica atra*, kestrel *Falco tinnunculus*, red-tailed bumblebee *Bombus lapidarius*, peacock *Inachis io*, small tortoiseshell *Aglais urticae*, gatekeeper *Pyronia tithonus*, speckled wood *Pararge aegeria*, meadow brown *Maniola jurtina*, common blue *Polyommatus icarus*, small white *Pieris rapae*, large white *Pieris brassicae*, painted lady *Vanessa cardui* and cinnabar moth *Tyria jacobaeae*.

Additional features

Veteran / pollarded trees	Anthills	Areas with frequent / prolonged flooding
Planted specimen trees	Bare ground	Seasonally wet / damp areas
Standing / fallen dead wood	Rock outcrops	Earthworks / hummocky ground

Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	Х
Structural diversity	х

Steep slopes	х
South facing slopes	
Ridge and furrow	

Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

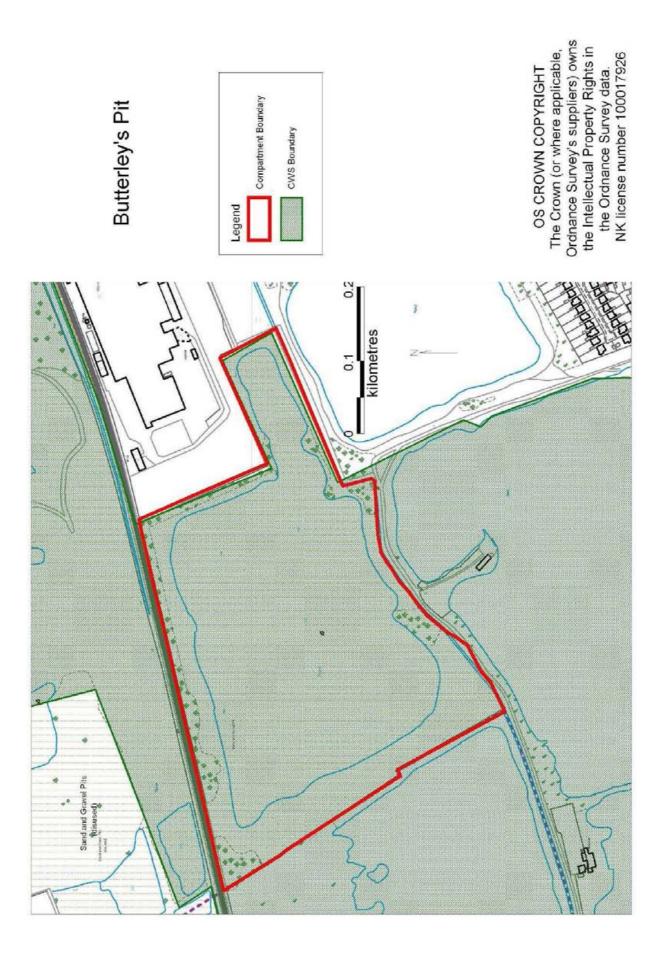
Appropriate management	
Inappropriate management	х
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	х

Butterley's Pit, Whisby pits of	complex	31/07/2009	
Scientific Name	Common Name	DAFOR Score	
Acer campestre	Field Maple	0	DAFOR Scale
Achillea millefolium	Yarrow	0	D = Dominant
Agrostis canina	Velvet Bent	R	A = Abundant
Agrostis capillaris	Common Bent	0	F = Frequent
Agrostis stolonifera	Creeping Bent	0	O = Occasiona
Alnus glutinosa	Alder	0	R = Rare
Arrhenatherum elatius	False Oat-grass	LD	
Artemisia vulgaris	Mugwort	F	L = Locally
Calystegia sepium	Hedge Bindweed	0	(P) = Planted
Centaurium erythraea	Common Centaury	F	
Cerastium fontanum	Common Mouse-ear	F	
Chamaecyparis lawsoniana	Lawson's Cypress	0	
Chamerion angustifolium	Rosebay Williowherb	0	
Cirsium palustre	Marsh Thistle	0	
Cirsium vulgare	Spear Thistle	0	
Conyza canadensis	Canadian Fleabane	0	
Cornus sanguinea	Dogwood	0	
Corylus avellana	Hazel	0	
Crassula helmsii	New Zealand Pigmyweed	LD	
Crataegus monogyna	Hawthorn	0	
Dactylis glomerata	Cock's-foot	F	
Daucus carota	Carrot	F	
Dryopteris affinis	Scaly Male-fern	0	
Elodea canadensis	Canadian Waterweed	LD	
Epilobium hirsutum	Great Willowherb	F	
Epipactis helleborine	Broad-leaved Helleborine	R	
Equisetum arvense	Field Horsetail	F	
Eupatorium cannabinum	Hemp Agrimony	F	
Festuca rubra	Red Fescue	F	
Fraxinus excelsior	Ash	F	
Geranium dissectum	Cut-leaved Crane's-bill	0	
Holcus lanatus	Yorkshire-fog	F	
Hypericum perforatum	Perforate St John's-wort	0	
Hypochaeris radicata	Cat's-ear	F	1
Juncus bufonius agg.	Rush	F	
Juncus conglomeratus	Compact Rush	F	
Leucanthemum vulgare	Oxeye Daisy	F	1

Butterley's Pit, Whisby pits complex 31/07/2009				
Scientific Name Common Name		DAFOR Score		
Lotus pedunculatus	Greater Bird's-foot-trefoil	0		
Myosotis arvensis	Field Forget-me-not	0		
Nymphaea alba	White Water-lily	0		
Odontites vernus	Red Bartsia	0		
Oenothera biennis	Common Evening-primrose	0		
Phleum pratense agg.	Timothy	0		
Phormium tenax	New Zealand Flax	R		
Phragmites australis	Common Reed	LD		
Plantago lanceolata	Ribwort Plantain	0		
Populus nigra-'Italica'	Lombardy-poplar	0		
Populus x canadensis	Hybrid Black-poplar	0		
Populus tremula	Aspen	LF		
Potamogeton natans	Broad-leaved Pondweed	R		
Potamogeton pectinatus	Fennel Pondweed	F		
Potentilla anserina	Silverweed	0		
Prunus avium	Wild Cherry	0		
Quercus robur	Pedunculate Oak	0		
Ranunculus repens	Creeping Buttercup	0		
Ranunculus sceleratus	Celery-leaved Buttercup	0		
Rosa arvensis	Field-rose	0		
Rubus fruticosus agg.	Bramble	F		
Rumex conglomeratus	Clustered Dock	0		
Salix caprea	Goat Willow	F		
Salix fragilis	Crack-willow	0		
Salix viminalis	Osier	F		
Sambucus nigra	Elder	0		
Sonchus oleraceus	Smooth Sow-thistle	0		
Tanacetum vulgare	Tansy	0		
Taraxacum agg.	Dandelion	0		
Torilis japonica	Upright Hedge-parsley	0		
Trifolium pratense	Red Clover	0		
Trifolium repens	White Clover	0		
Tussilago farfara	Colt's-foot	0		
Typha latifolia	Bulrush	LF		
Ulex europaeus	Gorse	0		
Urtica dioica	Common Nettle	0		
Vicia tetrasperma	Smooth Tare	0		
Viola arvensis	Field Pansy	0		



Site Summary		
Site Name	Fischer's Tip, Whisby Pits Complex	
Grid ref.	SK930672	
Area (ha.)	10.34	
Parish	North Hykeham	
District	North Kesteven	

Existing	County Wildlife Site (CWS)
Status	Boundary differs from that shown on compartment map.

Selection	Mos2: Areas of at least 0.1ha that add to the wildlife value of adjacent
Criteria Met	land qualifying for LWS designation on habitat grounds
	Comment: The site falls two points short of meeting the criteria for
	designation under HE2 having only six species from Table 4 of the Local
	Wildlife Sites Guidelines. However it does form part of the Whisby Pits
	Complex many areas of which qualify under habitat criteria as Local
	Wildlife Sites and as such it may be worth considering under Mos2 .

Species	Six species from Table 4 of the Local Wildlife Site Guidelines for				
Index score	designation of heathland and acid grassland were present on site.				
	Erodium cicutarium Luzula multiflora Trifolium scabrum				
Hypochaeris radicata		Trifolium arvense	Ulex europaeus		

Additional	Acid brownfield flora is restricted to a few small areas however its
comments	presence indicates that the site could be valuable in the future under
	appropriate management.

Site name	G	Grid reference				Grid			
Fischer's Tip, Whisby Pits Complex	S	к	9	3	0	6	7	2	Lincolnshire
Site sub-division	Da	ate				• •			Environmental
	1	3	3	1	0	0)	9	Records
Recorder(s)	Ti	me	on	site	è				Centre
Alex Prendergast			1	hrs		0	mi	ns	

Woodland – semi-nat / plantation	А
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	А
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	Α
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	Μ
Ruderal	Α
Arable / Improved Grassland	

Constraints

Early / Late survey	х
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

11137	
Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

A brownfield site south of a track leading to Fischer's fishing lakes and continuing west, north of the railway line. Common ruderal species are abundant across the site these include butterfly bush *Buddleja davidii*, hemlock *Conium maculatum* and evening primrose *Oenothera biennis*. Garden escapes including stinking hellebore *Helleborus foetidus* and fennel *Foeniculum vulgare* are frequently established,

An area of dense scrubby woodland in the south-eastern corner of the site is dominated by silver birch *Betula pendula* with downy birch *Betula pubescens*, pedunculate oak *Quercus robur* and red oak *Quercus rubra*.

A slightly older dry acid brownfield community exists to the north of this woodland (on the southern verge of the track leading into the site). Here the flora is dominated by a range of typical herbs including yarrow *Achillea millefolium*, common centaury *Centaurium erythraea*, common stork's-bill *Erodium cicutaria*, cat's-ear *Hypochaeris radicata*, perforate St john's wort *Hypericum perforatum*, heath wood-rush *Luzula multiflora*, hare's-foot clover *Trifolium arvense* and rough clover *Trifolium scabrum*.

A seasonally wet area towards the eastern edge is dominated by bulrush *Typha latifolia* and common reed *Phragmites australis* with a bryophyte community dominated by *Scleropodium purum* at ground level.

A narrow strip of remnant ancient acid woodland exists on the southern boundary of the site (the northern verge of the railway line). This is dominated by pedunculate oak with small amounts of birch, aspen *Populus tremula*, gorse *Ulex europaeus* and coppiced hazel *Corylus avellana*. Bracken *Pteridium aquilinum* and small wood reed *Calamagrostis epigeios* dominate patches. The field layer includes foxglove *Digitalis purpurea*, bluebell *Hyacinthoides non-scripta*, common figwort *Scrophularia nodosa* and sweet violet *Viola odorata*.

Potentially a valuable area in the future, given sympathetic management.

Additional features

Veteran / pollarded t rees	х
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	

Anthills	
Bare ground	х
Rock outcrops	
Steep slopes	
South facing slopes	х
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

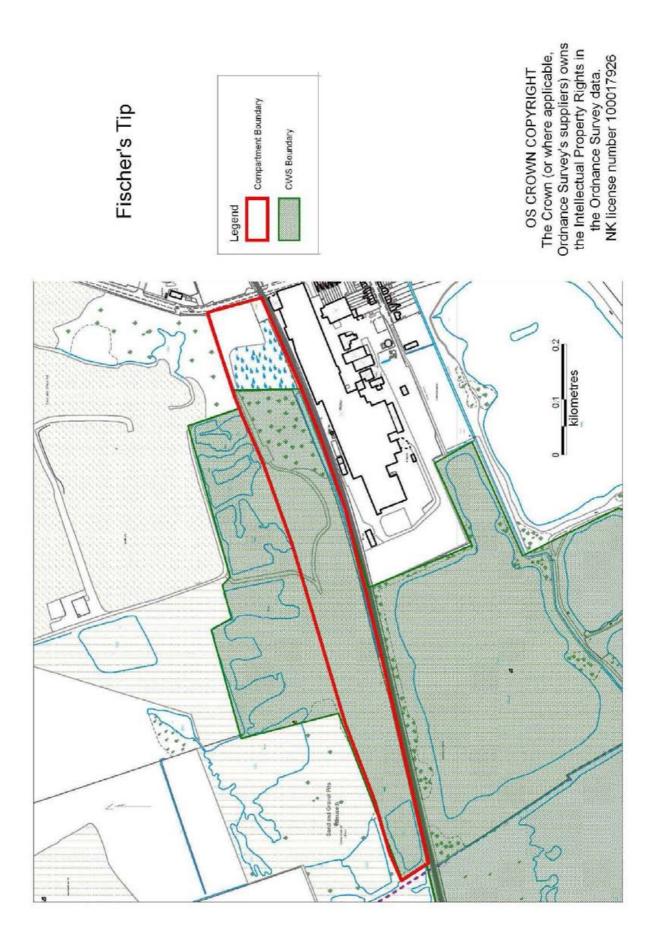
managomont	
Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	х
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Fischer's Tip, Whisby Pits Complex		13/10/2009	
Scientific Name	Common Name	DAFOR Score	1
Acer pseudoplatanus	Sycamore	0	DAFOR Scale
Achillea millefolium	Yarrow	LF	D = Dominant
Agrostis capillaris	Common Bent	0	A = Abundant
Agrostis stolonifera	Creeping Bent	0	F = Frequent
Ballota nigra	Black Horehound	0	O = Occasional
Betula pendula	Silver Birch	LD	R = Rare
Betula pubescens	Downy Birch	LF	
Buddleja davidii	Butterfly-bush	0	L = Locally
Calamagrostis epigejos	Wood Small-reed	LF	(P) = Planted
Centaurium erythraea	Common Centaury	LF	
Chamerion angustifolium	Rosebay Williowherb	0	
Conium maculatum	Hemlock	0	
Conyza canadensis	Canadian Fleabane	0	
Corylus avellana	Hazel	LF	
Digitalis purpurea	Foxglove	LF	
Dipsacus fullonum	Wild Teasel	0	
Erodium cicutarium	Common Stork's-bill	LF	
Euphorbia peplus	Petty Spurge	0	
Festuca rubra	Red Fescue	0	
Foeniculum vulgare	Fennel	0	
Geranium molle	Dove's-foot Crane's-bill	0	
Glechoma hederacea	Ground-ivy	0	
Gnaphalium uliginosum	Marsh Cudweed	0	
Helleborus foetidus	Stinking Hellebore	R	
Hyacinthoides non-scripta	Bluebell	LF	
Hypericum perforatum	Perforate St John's-wort	LF	
Hypochaeris radicata	Cat's-ear	LF	
Iris pseudacorus	Yellow Iris	0	
Juncus inflexus	Hard Rush	0	
Ligustrum ovalifolium	Garden Privet	0	
Lotus corniculatus	Common Bird's-foot-trefoil	LF	
Luzula multiflora	Heath Wood-rush	LF	
Malus domestica	Apple	R	
Oenothera biennis	Common Evening-primrose	F	
Phragmites australis	Common Reed	0	
Plantago lanceolata	Ribwort Plantain	0]
Populus tremula	Aspen	LF]
Potentilla reptans	Creeping Cinquefoil	0	
Prunella vulgaris	Selfheal	0]
Pteridium aquilinum	Bracken	LF	
Quercus robur	Pedunculate Oak	LD]

Fischer's Tip, Whisby Pits Complex		13/10/2009
Scientific Name	Common Name	DAFOR Score
Quercus rubra	Red Oak	LF
Ranunculus repens	Creeping Buttercup	0
Reseda lutea	Wild Mignonette	0
Ribes spectabile	Flowering Currant	R
Rosa arvensis	Field-rose	0
Rubus fruticosus agg.	Bramble	F
Rumex × pratensis	Hybrid Dock	0
Rumex obtusifolius	Broad-leaved Dock	0
Sagina procumbens	Procumbent Pearlwort	0
Salix caprea	Goat Willow	0
Salix cinerea	Grey Willow	0
Salix viminalis	Osier	0
Scrophularia nodosa	Common Figwort	0
Sedum spectabile	Ice Plant	R
Senecio jacobaea	Common Ragwort	F
Sherardia arvensis	Field Madder	0
Silene latifolia	White Campion	0
Solanum dulcamara	Bittersweet	0
Symphytum x uplandicum	Russian Comfrey	0
Syringa vulgaris	Lilac	R
Taraxacum agg.	Dandelion	0
Trifolium arvense	Hare's-foot Clover	0
Trifolium pratense	Red Clover	0
Trifolium repens	White Clover	0
Trifolium scabrum	Rough Clover	LF
Tripleurospermum inodorum	Scentless Mayweed	0
Tussilago farfara	Colt's-foot	0
Typha latifolia	Bulrush	LF
Ulex europaeus	Gorse	LF
Urtica dioica	Common Nettle	0
Verbascum thapsus	Great Mullein	0
Viburnum opulus	Guelder-rose	R
Viola odorata	Sweet Violet	LF



	Site Summary
Site Name	Fischer's Fishponds, Whisby Pits Complex
Grid ref.	SK932673
Area (ha.)	3.52
Parish	North Hykeham
District	North Kesteven

Existing	County Wildlife Site (CWS)
Status	Boundary differs from that shown on compartment map.

os2 Areas of at least 0.1 ha that add to the wildlife value of adjacent	
land qualifying for LWS designation on habitat grounds.	
omment: The site falls two points short of meeting the criteria for	
esignation under Sta2 having only six species from Table 7. However it	
bes form part of the Whisby Pits Complex many areas of which qualify	
nder habitat criteria as Local Wildlife Sites.	

Species	Six species from Table 7 of the Local Wildlife Site Guidelines for		
Index score	designation of freshwater were present on site.		
	Carex acutiformis	Iris pseudacorus	Menyanthes trifoliata
	Glyceria maxima	Mentha aquatica	Typha latifolia

Additional	Pollution from the adjacent refuse tip is evident.
comments	

Recommendations
This site is recommended for designation as a Local Wildlife Site (LWS) following the
Whisby Pits Complex County Wildlife Site boundary.

Site name	G	rid	refe	erer	ce				
Fischer's Fishponds, Whisby Pits Complex	S	к	9	3	2	6	7	3	Lincolnshire
Site sub-division	Da	ate							Environmental
	1	3	3	1	0	0		9	Records
Recorder(s)	Ti	me	on	n site		Centre			
Alex Prendergast			0 ł	nrs		40	mi	ns	

Woodland – semi-nat / plantation	
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	Α
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	Α
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	Μ
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	Α
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

An area of old gravel pits, now flooded and used as fishing lakes. The water quality appears to suffer from leaching from the adjacent refuse tip although it is filtered through beds of water starwort *Callitriche stagnalis* and watercress *Rorippa nasturtium-aquaticum*. The water level appears to have risen by a few feet recently as gorse *Ulex europaeus* and other shrubs are growing with their roots under the water's surface.

The open water is dominated by Canadian pondweed *Elodea canadensis* with various planted water lilies *Nymphaea* var. The marginal community is dominated by lesser pond-sedge *Carex acutiformis* with some reed sweet grass *Glyceria maxima*, yellow flag *Iris pseudacorus*, gypsywort *Lycopus europaeus*, bogbean *Menyanthes trifoliata*, amphibious bistort *Persicaria amphibia* and bulrush *Typha latifolia*.

The edges are covered by scrub of sycamore *Acer pseudoplatanus* with smaller amounts of alder *Alnus glutinosa*, silver birch *Betula pendula*, downy birch *Betula pubescens*, aspen *Populus tremula* and gorse. The dry grassland element is under threat of being completely shaded out, however, typical species such as common stork's bill *Erodium cicutarium*, red fescue *Festuca rubra*, cat's-ear *Hypochaeris radicata* and bird's-foot trefoil *Lotus corniculatus* survive.

Planting around the site includes lily-of-the-valley *Convallaria majalis*, *Cotoneaster horizontalis*, montbretia *Crocosmia* x *crocosmiflora*, Japanese anemone *Anemone japonica*, Chilean myrtle *Luma apiculata*, pampas grass *Cortaderia sellowiana*, sweet flag *Acorus calamus* and elephants ears *Bergenia cordifolia*.

Incidental records of fauna from the site include moorhen *Gallinula chloropus*, kingfisher *Alcedo atthis* and blackbird *Turdus merula*.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	

Anthills	
Bare ground	х
Rock outcrops	
Steep slopes	Х
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Fischer's Fishponds, Whisby Pits Complex		13/10/2009	
Scientific Name	Common Name	DAFOR Score	
Acer pseudoplatanus	Sycamore	0	DAFOR Scale
Acorus calamus	Sweet Flag	0	D = Dominant
Agrostis capillaris	Common Bent	0	A = Abundant
Alnus glutinosa	Alder	F	F = Frequent
Anemone japonica	Japanese Anemone	R	O = Occasional
Aphanes arvensis	Parsley-piert	LF	R = Rare
Armoracia rusticana	Horse-radish	LF	
Artemisia vulgaris	Mugwort	LF	L = Locally
Bergenia cordata	Elephant's Ears	0	(P) = Planted
Beta vulgaris	Beet	LF	
Betula pendula	Silver Birch	F	
Betula pubescens	Downy Birch	F	
Carex acutiformis	Lesser Pond-sedge	F	
Chamerion angustifolium	Rosebay Williowherb	F	
Cirsium vulgare	Spear Thistle	F	
Convallaria majalis	Lily-of-the-valley	LF	
Conyza canadensis	Canadian Fleabane	F	
Corylus avellana	Hazel	0	
Cortaderia sellowiana	Pampas Grass	R	
Cotoneaster horizontalis	Wall Cotoneaster	R	
Crocosmia x crocosmiiflora	Montbretia	R	
Dactylis glomerata	Cock's-foot	0	
Dipsacus fullonum	Wild Teasel	0	
Elodea canadensis	Canadian Waterweed	LD	
Epilobium hirsutum	Great Willowherb	0	
Equisetum arvense	Field Horsetail	0	
Erodium cicutarium	Common Stork's-bill	0	
Festuca rubra	Red Fescue	0	
Glyceria maxima	Reed Sweet-grass	LF	
Hebe sp	Hebe	R	
Hypochaeris radicata	Cat's-ear	LF	
llex aquifolium	Holly	R	
Iris pseudacorus	Yellow Iris	0	
Juncus effusus	Soft-rush	F	
Lotus corniculatus	Common Bird's-foot-trefoil	0	
Luma apiculata	Chilean Myrtle	R	
Lycopus europaeus	Gypsywort	0	
Malus domestica	Apple	0	7
Medicago lupulina	Black Medick	0	7
Melilotus officinalis	Ribbed Melilot	0]
Mentha aquatica	Water Mint	0	7
Menyanthes trifoliata	Bogbean	0	7

Fischer's Fishponds, Whisby F	13/10/2009	
Scientific Name	Common Name	DAFOR Score
Nymphaea cv	Water-lily	0
Oenothera biennis	Common Evening-primrose	0
Papaver rhoeas	Common Poppy	0
Persicaria amphibia	Amphibious Bistort	0
Picris echioides	Bristly Oxtongue	0
Plantago lanceolata	Ribwort Plantain	0
Plantago major	Greater Plantain	0
Populus tremula	Aspen	0
Potentilla reptans	Creeping Cinquefoil	0
Ranunculus repens	Creeping Buttercup	0
Rubus fruticosus agg.	Bramble	0
Rumex crispus	Curled Dock	0
Rumex obtusifolius	Broad-leaved Dock	0
Salix cinerea	Grey Willow	F
Salix fragilis	Crack-willow	0
Salix x sepulcralis	Hybrid Willow	0
Senecio jacobaea	Common Ragwort	0
Sonchus asper	Prickly Sow-thistle	0
Stellaria media	Common Chickweed	0
Symphoricarpos albus	Snowberry	0
Tanacetum parthenium	Feverfew	0
Tanacetum vulgare	Tansy	0
Tilia x europaea	Lime	0
Trifolium pratense	Red Clover	0
Trifolium repens	White Clover	0
Tripleurospermum inodorum	Scentless Mayweed	0
Tussilago farfara	Colt's-foot	0
Typha latifolia	Bulrush	0
Ulex europaeus	Gorse	0
Verbascum thapsus	Great Mullein	0



Site Summary		
Site Name	Little Meadow Close	
Grid ref.	SK952650	
Area (ha.)	1.34	
Parish	North Hykeham	
District	North Kesteven	

Existing	Site of Nature Conservation Importance (SNCI)
Status	Lowland Meadow priority habitat

Selection	None
Criteria Met	Comment: This site does not currently meet any of the criteria for
	designation as a Local Wildlife Site

Species	Four species from Table 2 of the Local Wildlife Site Guidelines for			
Index score	designation of neutral grassland were present on site.			
	Centaurea nigra	Centaurea nigra Poa pratensis		
	Filipendula ulmaria			

Additional	The site is no longer maintained as a hay meadow and is currently used
comments	for keeping chickens, guinea fowl and a turkey. The site appears to have
	become much drier since the 1984 survey and has lost almost all of its
	previous interest.

This site is not recommended for designation as a Local Wildlife Site (LWS).

Site name	Gri	id re	efei	ren	се				
Little Meadow Close	S	К	9	5	2	6	5	0	Lincolnshire
Site sub-division	Da	te							Environmental
	0	1	1		0	0		9	Records
Recorder(s)	Tin	ne c	n s	site	;				Centre
Alex Prendergast		() hi	rs		30	mi	ns	Gentre

Woodland – semi-nat / plantation	
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	Μ
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	Х
Short visit / Weather	
Hay cut	Х
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

An old neutral grassland field which had been cut shortly before the survey and is no longer maintained as an unimproved hay meadow. A few chickens, guinea fowl and a turkey are kept on the site and there are various piles of discarded material including old chicken coops around the edges of the site.

False oat-grass Arrhenatherum elatius and common bent Agrostis capillaris dominate the sward with occasional smooth meadow-grass Poa pratensis, perennial ryegrass Lolium perenne and tufted hair-grass Deschampsia cespitosa. The site's floral interest appears to be concentrated on the eastern edge where there is a large colony of great burnet Sanguisorba officinalis and meadowsweet Filipendula ulmaria. Common knapweed Centaurea nigra and sorrel Rumex acetosa are occasional throughout.

Hedges bordering three edges of the site are mainly of hawthorn *Crataegus monogyna* and bramble *Rubus fruticosus agg* with occasional wild privet *Ligustrum vulgare*, pedunculate oak *Quercus robur* and small-leaved elm *Ulmus minor*. The northern boundary is open to a ditch bank which supports foxglove *Digitalis purpurea*, teasel *Dipsacus fullonum* and two trees (a walnut *Juglans regia* and an apple *Malus domestica*).

Rabbit scrapes were noted across the site and owl boxes have been installed at the northern end.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	

Management

Appropriate management	х
Inappropriate management	
Scrub encroachment	

No grazing / cutting Grazing by cattle Grazing by sheep

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp -rich / poor	х
Access / visibility	
Educational potential	

Silage / hay / hay with grazing	?
Mowing and non-removal	
Frequent short mowing	

Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

-		
	Grazing by horses	
	Grazing by rabbits	
	Other grazing	х
	Poaching	
	Controlled burning	

Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Little Meadow Close		01/10/2009	
Scientific Name	Common Name	DAFOR Score	
Agrostis capillaris	Common Bent	D	DAFOR Scale
Arrhenatherum elatius	False Oat-grass	A	D = Dominant
Centaurea nigra	Common Knapweed	0	A = Abundant
Convolvulus arvensis	Field Bindweed	0	F = Frequent
Crataegus monogyna	Hawthorn	LD	O = Occasional
Dactylis glomerata	Cock's-foot	F	R = Rare
Deschampsia cespitosa	Tufted Hair-grass	0	
Digitalis purpurea	Foxglove	LF	L = Locally
Dipsacus fullonum	Wild Teasel	LF	(P) = Planted
Equisetum arvense	Field Horsetail	0	
Festuca rubra	Red Fescue	0	
Filipendula ulmaria	Meadowsweet	LF	
Fraxinus excelsior	Ash	R	
Juglans regia	Walnut	R	
Lapsana communis	Nipplewort	0	
Ligustrum vulgare	Wild Privet	0	
Lolium perenne	Perennial Rye-grass	F	
Malus domestica	Apple	R	
Persicaria maculosa	Redshank	0	
Picris echioides	Bristly Oxtongue	0	
Plantago lanceolata	Ribwort Plantain	0	
Plantago major	Greater Plantain	0	
Poa pratensis	Smooth Meadow-grass	0	
Quercus robur	Pedunculate Oak	0	
Ranunculus acris	Meadow Buttercup	0	
Ranunculus repens	Creeping Buttercup	0	
Rosa arvensis	Field-rose	0	
Rubus fruticosus agg.	Bramble	LF	7
Rumex acetosa	Sorrel	0	7
Sambucus nigra	Elder	0	7
Sanguisorba officinalis	Great Burnet	LA	7
Solanum nigrum	Black Nightshade	R	7
Sonchus arvensis	Perennial Sow-thistle	0	7
Sonchus oleraceus	Smooth Sow-thistle	0	
Taraxacum agg.	Dandelion	0	
Trifolium repens	White Clover	0	7
Ulmus minor	Small-leaved Elm	0	7
Urtica dioica	Common Nettle	0	-
Viola odorata	Sweet Violet	0	



Site Summary		
Site Name	Waddington Pasture	
Grid Ref.	SK972640	
Area (ha.)	4.43	
Parish	Waddington	
District	North Kesteven	

Existing	Site of Nature Conservation Importance (SNCI)
Status	County Wildlife Site (CWS)

Selection	None	
Criteria met	Comment: This site does not support a sufficient number of species to	
	qualify as a Local Wildlife Site (either individually or as a whole).	

Species	Five species from Table 2 of the Local Wildlife Site Guidelines for			
index score	designation of neutral grassland were present on site.			
	Cardamine pratensis	Centaurea nigra	Ranunculus bulbosus	
	Carex flacca	Lathyrus pratensis		

Additional	The site has been divided into sub-sections according to ownership but
comments	both sections have a very similar species composition.
	No additional species of interest were recorded during the 2009 survey
	and as such the site still fails to qualify.

This site is not recommended for designation as a Local Wildlife Site (LWS)

Site name	Grid reference								
Waddington Pasture	s	к	9	7	2	6	4	0	Lincolnshire
Site sub-division	Date					Environmental			
Sub-site 1. Western Field	1	6	5	1	0	0		8	
	1	5	5	0	9	0		9	Records
Recorder(s)	Time on site						Centre		
A. Prendergast, C. Hipperson							••••••		
			11	nrs	0 mins		ns		

Woodland – semi-nat / plantation			
Wet Woodland			
Parkland / Wood-pasture / Orchard			
Scrub – scattered / dense			
Neutral Grassland – Unimp / Semi-imp	Μ		
Calcareous Grassland – Unimp / Semi-imp			
Acid Grassland – Unimp-/ Semi-imp			
Damp Grassland / Marsh / Fen	Α		
Purple Moor Grass and Rush Pasture			
Heathland / Acid Peatland			
Bracken			

Running Water			
Spring / Flush / Blow Well			
Standing Water / Pond			
Reedbed			
Grazing Marsh			
Sand Dune / Saline Lagoon			
Saltmarsh / Mudflat			
Brownfield Mosaic			
Ruderal			
Arable / Improved Grassland			

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

NI 137	
Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached) An old grassland site grazed by horses and goats. A wide, shallow ditch runs east-west dividing the site. Fossilised ridge and furrow is evident running north-south north of the ditch and east-west south of the ditch. The two fields are under different ownerships; the eastern field has been allowed to become rank with tall grasses and invading scrub. The western field is better for being grazed.

The flora of this western field includes frequent daisy *Bellis perennis*, selfheal *Prunella vulgaris*, meadow buttercup *Ranunculus acris* and bulbous buttercup *Ranunculus bulbosus*. Common knapweed *Centaurea nigra*, lesser celandine *Ranunculus ficaria*, creeping buttercup *Ranunculus repens*, sorrel *Rumex acetosa*, white clover *Trifolium repens* and thyme-leaved speedwell *Veronica serpyllifolia* are occasional. The dominant grass is perennial ryegrass *Lolium perenne* with frequent creeping bent *Agrostis stolonifera*, cocksfoot *Dactylis glomerata* and Yorkshire fog *Holcus lanatus*. Tufted hair-grass *Deschampsia caespitosa* is occasional.

The ditch and patches of other damp grassland across the site support fool's watercress *Apium nodiflorum*, ladies smock *Cardamine pratensis*, glaucous sedge *Carex flacca*, hairy sedge *Carex hirta*, marsh thistle *Cirsium palustris*, tufted hair-grass *Deschampsia caespitosa*, hard rush *Juncus inflexus* and brooklime *Veronica beccabunga*.

Grassland fungi are abundant including blue roundhead *Stropharia caerulea*, dung roundhead *Stropharia semiglobata*, liberty cap *Psilocybe semilanceata*, *Panaeolus sphinctrinus*, *Volvariella speciosa* and *Mycena flavoalba*.

The bordering hedges are composed mainly of hawthorn *Crataegus monogyna* with occasional ash *Fraxinus excelsior* standards. Ivy *Hedera helix*, field maple *Acer campestre*, midland hawthorn *Crataegus laevigata*, field rose *Rosa arvense*, bramble *Rubus fruticosus* agg. and elder *Sambucus nigra* are occasional. Ground flora associated with the hedges includes ground ivy *Glechoma hederacea*, nettle *Urtica dioica*, chickweed *Stellaria media* and wood dock *Rumex sanguineus*.

Green winged orchid *Orchis morio* has been recorded on the site previously but was not recorded during this survey. The new owner of the western field has not seen any orchids on the site in recent years.

Animals incidentally recorded from the site include blackbird *Turdus merula*, red-legged partridge *Alectoris rufa*, woodpigeon *Columba palumbus*, moorhen *Gallinula chloropus*, peacock *Inachis io*, comma *Polygonia c-album* and *seven-spotted ladybird Coccinella septempunctata*.

The site was revisited in summer 2009 and found to be in a similar condition.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	

Management

Appropriate management					
Inappropriate management					
Scrub encroachment					
Scrub removal					
Coppicing / selective felling					
Re-planting – native / non-native					
Ride mowing (woodland)					
Non-intervention (woodland)					

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	Х

No grazing / cutting Grazing by cattle Grazing by sheep Grazing by horses

Grazing by rabbits Other grazing

Controlled burning

Poaching

Areas with frequent / prolonged flooding					
Seasonally wet / damp areas					
Earthworks / hummocky ground					
Ditches – shallow / deep					
Hedgerows – spp rich / poor					
Access / visibility					
Educational potential					

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Constraints

Site name	G	Grid reference							
Waddington Pasture	S	к	9	7	2	6	4	0	
Site sub-division	Da	ate							Lincolnshire
Sub-site 2. Eastern Field	3	С)	1	0	0		8	Environmental
	0	2	2	0	9	0		9	Records
Recorder(s)	Time on site				Centre				
A. Prendergast, T. Simpson, C. Hipperson									Centre
		1 hrs 0 mins							

х

х

Habitats (M = main, A = additional)

			Constraints
Woodland – semi-nat / plantation		Running Water	Early / Late survey
Wet Woodland		Spring / Flush / Blow Well	Short visit / Weather
Parkland / Wood-pasture / Orchard		Standing Water / Pond	Hay cut
Scrub – scattered / dense	Α	Reedbed	Terrain / Vegetation
Neutral Grassland – Unimp / Semi-imp	Μ	Grazing Marsh	Dogs / Grazing / Game
Calcareous Grassland – Unimp / Semi-imp	Α	Sand Dune / Saline Lagoon	
Acid Grassland – Unimp-/ Semi-imp		Saltmarsh / Mudflat	NI 197
Damp Grassland / Marsh / Fen	Α	Brownfield Mosaic	Management Plan
Purple Moor Grass and Rush Pasture		Ruderal	Advice being followed
Heathland / Acid Peatland		Arable / Improved Grassland	Woodland Grant Scheme
Bracken			HLS / ELS / OEL

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

This eastern field has been allowed to become rank for a year or two, with tall grasses and invading scrub. A few additional species of interest were recorded including meadow cranesbill *Geranium pratense*, meadow vetchling *Lathyrus pratensis* and lesser stitchwort *Stellaria graminea*.

The bordering hedges are composed mainly of hawthorn *Crataegus monogyna* with occasional Ash *Fraxinus excelsior* standards. Ivy *Hedera helix*, field maple *Acer campestre*, field rose *Rosa arvense*, bramble *Rubus fruticosus* agg. and elder *Sambucus nigra* are occasional. Ground flora associated with the hedges includes ground ivy *Glechoma hederacea*, nettle *Urtica dioica*, chickweed *Stellaria media* and wood dock *Rumex sanguineus*.

Green winged orchid *Orchis morio* has been recorded on the site previously but was not recorded during this survey. The new owner of the western field has not seen any orchids on the site in recent years. The site holds good significant potential and would greatly benefit from winter grazing or management as a hay meadow.

Green woodpecker Picus viridis was heard on the site.

A second visit was made to the site on 02/09/2009; this found the site to be much the same as at the previous survey but with an additional year's worth of mismanagement. The site is becoming increasingly rank and requires cutting/grazing to preserve its wildlife interest.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	х
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

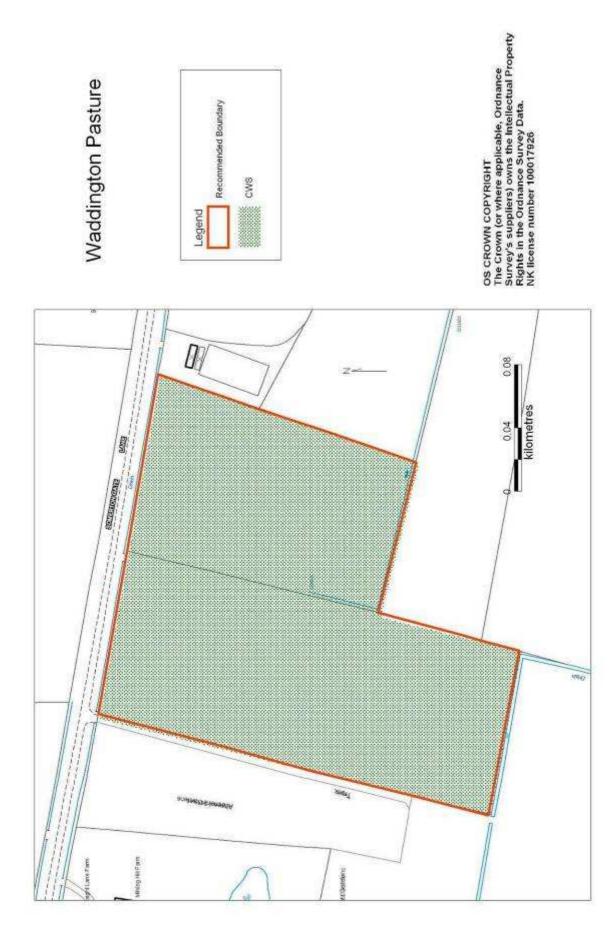
U	
Appropriate management	
Inappropriate management	х
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

No grazing / cutting	х
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	х
Invasive species	

Waddington Pasture		16 & 30/10/2008	02 & 15/09/2009	
Scientific Name	Common Name	DAFOR Score	DAFOR Score	
Agrostis stolonifera	Creeping Bent	0	0	DAFOR Scale
Anagallis arvensis	Scarlet Pimpernell	R		D = Dominant
Apium nodiflorum	Fool's-water-cress	LF	LF	A = Abundant
Bellis perennis	Daisy	0	0	F = Frequent
Bryonia dioica	White Bryony		0	O = Occasional
Capsella bursa-pastoris	Shepherds Purse		0	R = Rare
Cardamine pratensis	Cuckooflower	F	F	
Carex flacca	Glaucous Sedge	LF	LF	L = Locally
Carex hirta	Hairy Sedge	LF	LF	(P) = Planted
Centaurea nigra	Common Knapweed	0	0	
Cerastium arvense	Field Mouse-ear	0	0	
Cerastium fontanum	Common Mouse-ear		0	
Chaerophyllum temulum	Rough Chervil	0	0	
Cirsium arvense	Creeping Thistle	0	0	
Cirsium palustre	Marsh Thistle	0	0	
Cirsium vulgare	Spear Thistle	0	0	
Crataegus laevigata	Midland Hawthorn		0	
Crataegus monogyna	Hawthorn	LD	LD	
Dactylis glomerata	Cock's-foot	F	F	
Deschampsia cespitosa	Tufted Hair-grass	LF	LF	
Elytrigia repens	Common Couch		0	
Epilobium hirsutum	Great Willowherb		0	
Festuca rubra	Red Fescue		0	
Fraxinus excelsior	Ash	LF	LF	
Galium aparine	Cleavers	0	0]
Geranium dissectum	Cut-leaved Crane's-bill	0	0	
Geranium pratense	Meadow Crane's-bill	0]

Waddington Pasture		16 & 30/10/2008	02 & 15/09/2009
Scientific Name	Common Name	DAFOR Score	DAFOR Score
Geum urbanum	Wood Avens		0
Glechoma hederacea	Ground-ivy	0	0
Hedera helix	Common Ivy	LF	LF
Heracleum sphondylium	Hogweed	0	0
Holcus lanatus	Yorkshire-fog	0	0
Juncus inflexus	Hard Rush	LF	LF
Lamium purpureum	Red Dead-nettle	0	
Lathyrus pratensis	Meadow Vetchling	0	
Lolium perenne	Perennial Ryegrass		0
Matricaria recutita	Scented Mayweed		0
Melilotus officinalis	Ribbed Melilot	R	
Persicaria maculosa	Redshank		0
Picris echioides	Bristly Oxtongue	0	0
Plantago lanceolata	Ribwort Plantain	F	F
Plantago major	Greater Plantain	0	0
Plantago media	Hoary Plantain	F	F
Poa annua	Annual meadow-grass	0	0
Prunella vulgaris	Selfheal	0	0
Prunus domestica	Wild Plum	LF	
Prunus spinosa	Blackthorn		LF
, Ranunculus acris	Meadow Buttercup	F	F
Ranunculus bulbosus	Bulbous Buttercup	LF	LF
Ranunculus ficaria	Lesser Celandine	0	0
Ranunculus repens	Creeping Buttercup	F	F
Rosa arvensis	Field-rose	LF	LF
Rubus fruticosus agg.	Bramble	LA	LA
Rumex acetosa	Sorrel	0	0
Rumex crispus	Curled Dock	0	0
Rumex obtusifolius	Broad-leaved Dock	0	0
Rumex sanguineus	Wood Dock	LF	LF
Sambucus nigra	Elder	0	0
Senecio jacobaea	Common Ragwort	0	0
Senecio vulgaris	Groundsel		0
Silene latifolia	White Campion	0	
Sonchus asper	Prickly Sow-thistle	R	
Sonchus oleraceus	Smooth Sow-thistle	0	0
Stachys sylvatica	Hedge Woundwort	0	
Stellaria graminea	Lesser Stitchwort	0	
Stellaria media	Common Chickweed	LF	LF
Taraxacum agg.	Dandelion	0	0
Trifolium pratense	Red Clover	0	0
Trifolium repens	White Clover	0	0
Urtica dioica	Common Nettle	0	0
Veronica beccabunga	Brooklime	LF	LF
Veronica persica	Common Field Speedwell		0
Veronica serpyllifolia	Thyme-leaved Speedwell	0	0



Site Summary	
Site Name	Black's Hillside, Waddington
Grid ref.	SK972646
Area (ha.)	3.58
Parish	Waddington
District	North Kesteven

Existing	Site of Nature Conservation Importance (SNCI)
Status	

Selection	None
Criteria Met	Comment: This site does not currently meet any of the criteria for
	designation as a Local Wildlife Site.

Species	Three species from Table 2 of the Local Wildlife Site Guidelines for			
Index score	designation of neutral grassland were present on site.			
	Centaurea nigra Cynosurus cristatus		Poa pratensis	

Species	Three species from Table 3 of the Local Wildlife Site Guidelines for				
Index score	designation of calcareous grassland were present on site.				
	Bromopsis erecta	sis erecta Clinopodium vulgare Plantago m			

Additional	Despite a second visit to this site earlier in the year there were no
comments	additional species of interest recorded.

Recommendations	
This site is not recommended for designation as a Local Wildlife Site (LWS).	

Site name	G	rid	refe	erer	ice	-			
Black's Hillside Waddington (Eastern site)	S	К	9	7	3	6	4	0	Lincolnshire
Site sub-division	Da	ate							Environmental
	3	C)	1	0	0		8	Records
	0	2	2	0	9	0		9	
Recorder(s)	Ti	me	on	site	9				Centre
A. Prendergast, T. Simpson			1	nrs		0	mi	ns	

Woodland – semi-nat / plantation		Running
Wet Woodland		Spring /
Parkland / Wood-pasture / Orchard		Standin
Scrub – scattered / dense	Α	Reedbe
Neutral Grassland – Unimp / Semi-imp	Μ	Grazing
Calcareous Grassland – Unimp / Semi-imp	Α	Sand D
Acid Grassland – Unimp / Semi-imp		Saltmar
Damp Grassland / Marsh / Fen	Α	Brownfi
Purple Moor Grass and Rush Pasture		Ruderal
Heathland / Acid Peatland		Arable /
Bracken		

Running Water	А
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

Only the southern field appears to be of significant interest. This field contains a good fossilised ridge and furrow system (5 strips wide). It is grazed by horses and is probably overgrazed in spring and summer.

The dominant grass is crested dog's-tail *Cynosurus cristatus*. Upright brome *Bromopsis erecta* and red fescue *Festuca rubra* are locally frequent. The forb flora is unusually low, however the site is still suitable for green winged orchids *Orchis morio*, which have previously recorded here and the field is rich in ancient grassland fungi species including meadow coral *Clavulinopsis corniculata*, field mushroom *Agaricus campestris*, liberty cap *Psilocybe semilanceata*, blackening waxcap *Hygrocybe nigrescens*, snowy waxcap *Hygrocybe virginea* var. *ochraceopallida* and a further indet. golden-brown capped, cream stalked species of *Hygrocybe*.

The edges support a few interesting species including field madder *Sherardia arvensis* and common mouse-ear *Cerastium fontanum*. The stream and strip of wet grassland which runs along the northern edge of the site supports watercress *Rorippa nasturtium-aquatica*, brooklime *Veronica beccabunga* and fool's watercress *Apium nodiflorum*.

The northern field is used as a shooting range. It is covered by scattered scrub, tall herbs and coarse grasses. A semi-mature standard beech *Fagus sylvatica* tree is present in the field.

Hedges are dominated by hawthorn *Crataegus monogyna* with frequent elder Sambucus nigra, blackthorn *Prunus spinosa*, occasional wild plum *Prunus domestica*, and rare guelder rose *Viburnum opulus*. Ash *Fraxinus excelsior* trees are frequent in the hedges. One small-leaved lime *Tilia cordata* tree is present in the hedge in the centre of the northern field.

At the time of the survey a house was being built on the northern part of the northern field (adjacent to Somerton Gate Lane).

If the site is to be of continued value to the green-winged orchids, a conservation strategy should be implemented as soon as possible. This should include management as hay meadow, at least in the areas of the site where the green winged orchids are known to have previously occurred.

The fields to the south of the site (running along the Lincoln Cliff) also have very prominent fossilised ridge and

furrow and some steep slopes, and are very likely to support patches of good grassland flora and fungi

Animals recorded on the site include grass snake Natrix natrix, blackbird Turdus merula, woodpigeon Columba palumbus and robin Erithacus rubecula

The site was visited again in Summer 2009 and found to be in a similar condition, with an additional year's worth of rank growth and the completion of the building.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	х
Sap runs on / holes in trees	х
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	х

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	х

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	х
Access / visibility	
Educational potential	

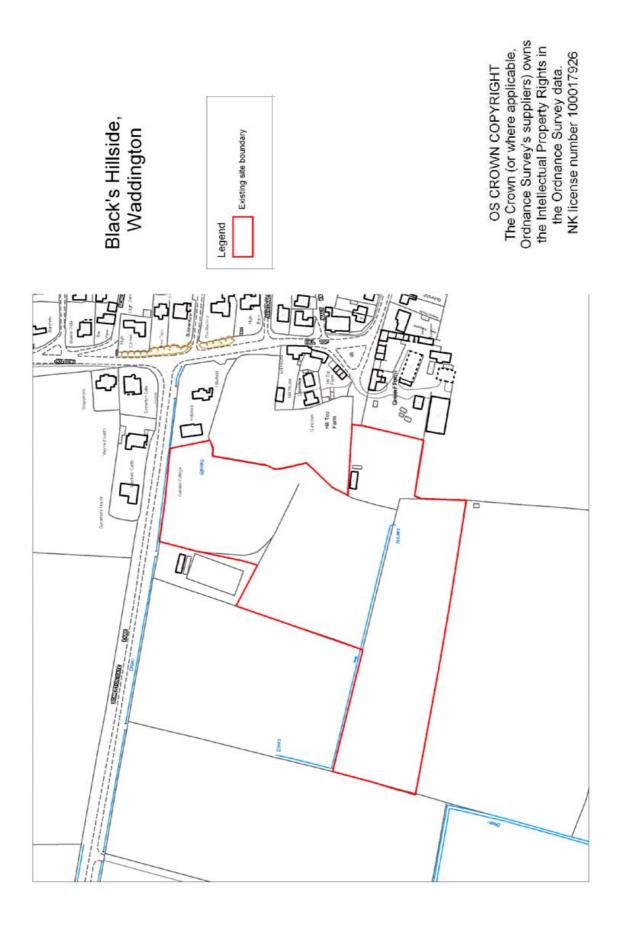
Appropriate management	
Inappropriate management	х
Scrub encroachment	х
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

No grazing / cutting		
Grazing by cattle		
Grazing by sheep		
Grazing by horses	Х	
Grazing by rabbits		
Other grazing		
Poaching		
Controlled burning		

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Black's Hillside, Waddington		30/10/2008 & 02/09/09	
Scientific Name	Common Name	DAFOR Score	
Acer campestre	Field Maple	0	DAFOR Scale
Acer pseudoplatanus	Sycamore	0	D = Dominant
Agrostis stolonifera	Creeping Bent	LA	A = Abundant
Anthriscus sylvestris	Cow Parsley	0	F = Frequent
Apium nodiflorum	Fool's watercress	R	O = Occasional
Bellis perennis	Daisy	0	R = Rare
Bromopsis erecta	Upright Brome	LF	
Centaurea nigra	Common Knapweed	LF	L = Locally
Cerastium fontanum	Common Mouse-ear	LF	(P) = Planted
Cirsium arvense	Creeping Thistle	LF	
Clinopodium vulgare	Wild Basil	LF	
Coronopus didymus	Lesser Swine-cress	R	
Crataegus monogyna	Hawthorn	LD	
Cynosurus cristatus	Crested Dog's-tail	LD	
Dactylis glomerata	Cock's-foot	LA	
Deschampsia cespitosa	Tufted Hair-grass	0	
Festuca rubra	Red Fescue	LA	
Fraxinus excelsior	Ash	LF	
Galium aparine	Cleavers	0	
Hedera helix	Common Ivy	LF	
Holcus lanatus	Yorkshire-fog	0	
Lamium album	White Dead-nettle	0	
Lolium perenne	Perennial Rye-grass	LF	
Malva sylvestris	Common Mallow	0	
Plantago media	Hoary Plantain	F	

Black's Hillside, Waddington		30/10/2008 & 02/09/09
Scientific Name	Common Name	DAFOR Score
Poa pratensis agg.	Meadow-grass	0
Prunella vulgaris	Selfheal	0
Prunus domestica	Wild Plum	0
Prunus spinosa	Blackthorn	LF
Ranunculus repens	Creeping Buttercup	F
Rorippa nasturtium-aquaticum	Water-cress	LF
Rosa arvensis	Field-rose	0
Rubus fruticosus agg.	Bramble	LF
Rumex acetosa	Sorrel	F
Rumex obtusifolius	Broad-leaved Dock	F
Rumex sanguineus	Wood Dock	F
Sambucus nigra	Elder	F
Senecio vulgaris	Groundsel	0
Tilia cordata	Small-leaved Lime	R
Trifolium repens	White Clover	0
Urtica dioica	Common Nettle	LF
Veronica beccabunga	Brooklime	LF
Veronica chamaedrys	Germander Speedwell	0
Veronica serpyllifolia	Thyme-leaved Speedwell	0
Viburnum opulus	Guelder-rose	R



Site Summary				
Site Name	Waddington Grassland (Viking Way)			
Grid Ref.	SK973645			
Area (ha.)	4.7			
Parish	Waddington			
District	North Kesteven			

Existing Status	Site of Nature Conservation Importance (SNCI)
	County Wildlife Site (CWS)

Selection	NG1: Semi-natural neutral grassland at least 0.1 ha. in extent , or
Criteria met	linear areas at least 50m long, with a minimum species index score
	of 8
	Comment: This site now meets the criteria for designation as a
	Local Wildlife Site with a total of nine species from Table 2 having
	been recorded over the two survey visits

Species index	Nine species from Table 2 of the Local Wildlife Site Guidelines for							
score	designation of neutral grassland were present on site.							
	Anthoxanthum odoratum	Lotus corniculatus						
	Centaurea nigra	Hypochaeris radicata	Poa pratensis					
	Cynosurus cristatus	Lathyrus pratensis	Ranunculus bulbosus					

Combining the survey results from the 2008 and 2009 surveys this
site supports a sufficient number of grassland species to qualify
under NG1 however not enough species were recorded in either
survey when assessed individually.
s u

This site is recommended for designation as a Local Wildlife Site (LWS) following the amended boundary (excluding the area of housing towards to south of the site).

Site name	G	Grid reference							
Waddington Grassland (Viking Way)	S	к	9	7	3	6	4	5	
Site sub-division	Da	ate							Lincolnshire
	1	2	1	1	1	0)	8	Environmental
	1	7	7	0	8	0)	9	Records
Recorder(s)	Time on site					Centre			
A. Prendergast, T. Simpson, C. Hipperson			1	hrs		0	mi	ns	

Woodland – semi-nat / plantation	
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	A
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	N
Acid Grassland – Unimp-/ Semi-imp	
Damp Grassland / Marsh / Fen	A
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	Α
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

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Management Plan	
management i an	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached) This undulating calcareous pasture slopes down the western side of the Lincoln Cliff. Traces of ridge and furrow are present and are most evident in the north-west of the field. A bank with hawthorn *Crataegus monogyna* and elder *Sambucus nigra* scrub and ash *Fraxinus excelsior* trees occupies the eastern edge. A spring emerges near the eastern boundary, creating a damp flush and a small marshy area in the north of the site. A seasonal pond with poached edges is present on the western edge. The field is grazed by cattle.

The best flora is present on the drier, steeper slopes which are less disturbed by the cattle. The dominant grass here is crested dog's-tail *Cynosurus cristatus*. Red fescue *Festuca rubra*, false oat-grass *Arrhenatherum elatius* and tor-grass *Brachypodium pinnatum* are frequent, and smooth meadow-grass *Poa pratensis* (including an unusual dark red form) is occasional. Forbs include frequent yarrow *Achillea millefolium*, pignut *Conopodium majalis*, ladies bedstraw *Gallium verum*, autumn hawkbit *Leontodon autumnalis*, meadow buttercup *Ranunculus acris*, bulbous buttercup *Ranunculus bulbosus* and sorrel *Rumex acetosa*. Mouse-ear hawkweed *Pilosella officinarum* is rare.

Elsewhere the grassland is more heavily grazed by cattle. Here the dominant grasses are cocksfoot *Dactylis glomerata*, Yorkshire fog *Holcus lanatus* and perennial ryegrass *Lolium perenne*. Tufted hair-grass *Deschampsia caespitosa* is frequent, as are common daisy *Bellis perennis*, meadow buttercup, creeping buttercup *Ranunculus repens* and lesser celandine *Ranunculus ficaria*.

The pond is covered by floating sweet-grass *Glyceria fluitans*. Both the pond and the marshy area in the north support stands of hard rush *Juncus inflexus* and locally frequent brooklime Veronica beccabunga. A few patches of hairy sedge *Carex hirta* are present in these areas. Annual meadow-grass *Poa annua* is frequent in the poached areas.

Hedges and areas of scrub support frequent cow parsley *Anthriscus sylvestris*, rough chervil *Chaerophyllum temulum*, hedge parsley *Torilis japonica*, black horehound *Ballota nigra* and wood avens *Geum urbanum*. Field rose *Rosa arvensis* is occasional.

The field supports a number of ancient grassland/manured grassland fungi species including *Panaeolus sphinctrinus*, *Hygrocybe* aff. *pratensis* (with bright pink internal hyphae), *Stropharia semiglobata*, *Entoloma* sp., *Hygrocybe virginea* and *Mycena flavoalba*.

Animals recorded on the site include pheasant Phasianus colchicus, blackbird Turdus merula, mole Talpa

europaea, speckled wood Pararge aegeria and green-veined white Pieris napi

A house and private garden now occupy the southernmost corner of the site, so the boundary should be amended to discount this area.

The site was revisited in summer 2009; the site was found to be in a similar condition.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	х
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	х
Ditches – shallow / deep	
Hedgerows – spp rich / poor	х
Access / visibility	
Educational potential	

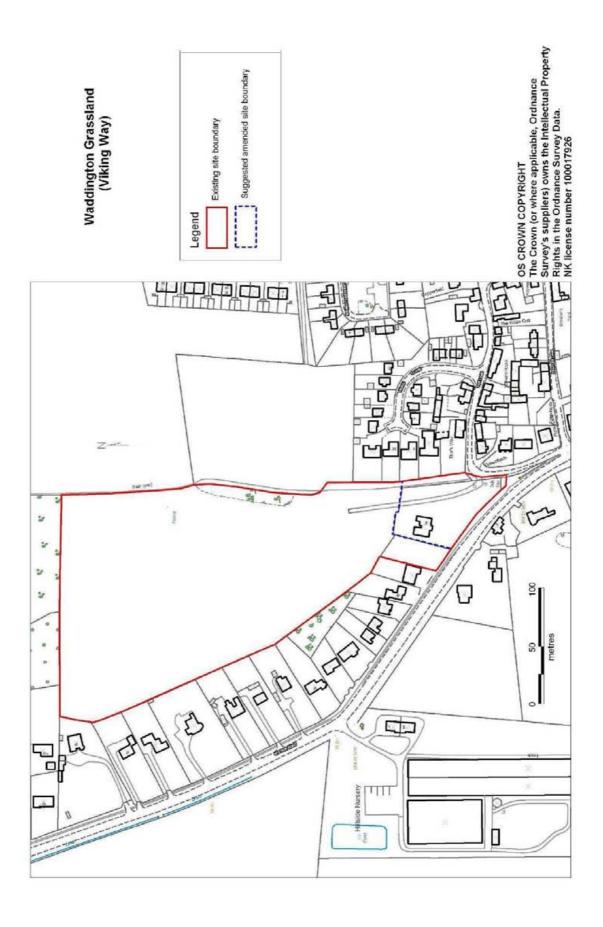
0	
Appropriate management	х
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

No grazing / cutting	
Grazing by cattle	х
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	х
Controlled burning	

Silage / hay / hay with grazing	Γ
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Waddington Grassland (Viking W	ay)		
Scientific Name	Common Name	DAFOR Score	
Achillea millefolium	Yarrow	LF	DAFOR Scale
Aegopodium podagraria	Ground Elder	LF	D = Dominant
Agrostis capillaris	Common Bent	F	A = Abundant
Agrostis stolonifera	Creeping Bent	A	F = Frequent
Anthriscus sylvestris	Cow Parsley	LF	O = Occasional
Anthoxanthum odoratum	Sweet Vernal Grass	F	R = Rare
Arctium minus	Lesser Burdock	R	
Arrhenatherum elatius	False Oat Grass	F	L = Locally
Ballota nigra	Black Horehound	LF	(P) = Planted
Bellis perennis	Daisy	LF	
Brachypodium pinnatum	Heath False-brome	LF	
Carduus nutans	Musk Thistle	0	
Carex hirta	Hairy Sedge	0	
Centaurea nigra	Common Knapweed	0	
Cerastium fontanum	Common Mouse-ear	LF	
Chaerophyllum temulum	Rough Chervil	0	
Cirsium arvense	Creeping Thistle	0	
Cirsium vulgare	Spear Thistle	0	
Convallaria majalis	Lily-of-the-valley	LF	
Crataegus monogyna	Hawthorn	LF	
Cynosurus cristatus	Crested Dog's-tail	LD	
Dactylis glomerata	Cock's-foot	LD	
Deschampsia cespitosa	Tufted Hair-grass	F	
Festuca rubra	Red Fescue	LA	
Fraxinus excelsior	Ash	0	
Galium aparine	Cleavers	0	
Galium verum	Lady's Bedstraw	LF	
Geranium columbinum	Long-stalked Crane's-bill	LF	

Waddington Grassland (Vikin	g Way)	
Scientific Name	Common Name	DAFOR Score
Geranium molle	Dove's-foot Crane's-bill	0
Geum urbanum	Wood Avens	LF
Glyceria fluitans	Floating Sweet-grass	LA
Hedera helix	Common Ivy	0
Holcus lanatus	Yorkshire-fog	A
Hypochaeris radicata	Cat's-ear	F
Lathyrus pratensis	Meadow Vetchling	R
Leontodon autumnalis	Autumn Hawkbit	LF
Lolium perenne	Perennial Rye-grass	А
Lotus corniculatus	Bird's-foot Trefoil	0
Pilosella officinarum	Mouse-ear-hawkweed	R
Plantago lanceolata	Ribwort Plantain	F
Poa annua	Annual Meadow-grass	LF
Poa pratensis	Smooth Meadow-grass	LF
Potentilla reptans	Creeping Cinquefoil	F
Prunella vulgaris	Selfheal	0
Ranunculus acris	Meadow Buttercup	F
Ranunculus bulbosus	Bulbous Buttercup	F
Ranunculus ficaria	Lesser Celandine	F
Ranunculus repens	Creeping Buttercup	F
Rosa arvensis	Field-rose	0
Rubus fruticosus agg.	Bramble	LF
Rumex acetosa	Sorrel	LF
Rumex crispus	Curled Dock	0
Rumex obtusifolius	Broad-leaved Dock	0
Sambucus nigra	Elder	LF
Senecio erucifolius	Hoary Ragwort	0
Senecio jacobaea	Common Ragwort	0
Sonchus oleraceus	Smooth Sow-thistle	R
Stellaria media	Common Chickweed	LF
Taraxacum agg.	Dandelion	0
Torilis japonica	Hedge Parsley	0
Trifolium repens	White Clover	0
Urtica dioica	Common Nettle	LF
Veronica beccabunga	Brooklime	LF
Veronica chamaedrys	Germander Speedwell	0



Grid Square SK97

	Site Summary
Site Name	Ash Lound and Brick Kiln Holt
Grid ref.	SK909709
Area (ha.)	31.46
Parish	Skellingthorpe / Doddington and Whisby
District	North Kesteven

Existing	Site of Nature Conservation Importance (SNCI)				
Status	Ancient Replanted Woodland (Ash Lound sub-site)				
	Higher Level Stewardship Agreement (HLS) (Ash Lound sub-site)				

Selection	WD1/1a: All semi-natural or replanted ancient woodland listed in Natural				
Criteria Met	England's Ancient Woodland Inventory				
	Comment: The whole of the sub-site Ash Lound is included as				
	Replanted Ancient Woodland. The sub-site Brick Kiln Holt is not				
	included in the woodland inventory and falls just one point short of				
	meeting the criteria WD2 .				

Species	10 species from Table 1 of the Local Wildlife Site Guidelines for					
Index score	designation of woodland and parkland were present on site.					
	Carex sylvatica	Hyacinthoides non-Milium effusumscripta				
	Corylus avellana	Lamiastrum galeobdolon subsp. montanum	Scrophularia nodosa			
	Dryopteris affinis	Mercurialis perennis Stellaria holostea				
	Dryopteris					
	carthusiana					

Additional	Whilst the sub-site Brick Kiln Holt does not quite meet the criteria, the
comments	number of ancient woodland species present here was greater than in
	the Ash Lound sub-section. It is likely that additional species could be
	found during further surveys at a different time of year.

This site is recommended for designation as a Local Wildlife Site (LWS) following the original SNCI boundary.

Site name	Gr	Grid reference				-			
Ash Lound & Brick Kiln Holt	S	K	9	0	9	7	0	9	Lincolnshire
Site sub-division	Da	te							Environmental
Ash Lound	0	2	,	1	1	0		9	Records
Recorder(s)	Ti	me	on	site	•				Centre
Alex Prendergast			11	nrs		0	mi	ns	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	
·	

Constraints

Early / Late survey	Х
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

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Х

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

A slightly acid woodland dominated by silver birch *Betula pendula*, downy birch *Betula pubescens* and pedunculate oak *Quercus robur*. Ash *Fraxinus excelsior* is rather infrequent. Other, presumably planted, woody species are occasional near the edges: beech *Fagus sylvatica*, sycamore *Acer pseudoplatanus* and whitebeam *Sorbus aria*. Parts of the wood appear to have been used as conifer (Scots pine *Pinus sylvestris*, larch *Larix decidua* and white fir *Abies alba*) plantation in the past, but these trees are now mature and scattered, and have limited effect on the woodland flora.

The edges support the most varied shrub layer with field maple *Acer campestre*, hawthorn *Crataegus monogyna*, hazel *Corylus avellana* and honeysuckle *Lonicera periclymenum*. Bracken *Pteridium aquilinum* and bramble *Rubus fruticosus* agg. dominate large areas of the field layer, although various species of note were recorded including false brome *Brachypodium sylvaticum*, wood sedge *Carex sylvatica*, foxglove *Digitalis purpurea*, broad buckler-fern *Dryopteris dilatata*, bluebell *Hyacinthoides non-scripta*, yellow archangel *Lamiastrum galeobdolon* ssp *montanum* and dog's mercury *Mercurialis perennis*.

Additional features

Veteran / pollarded trees	
Planted specimen trees	х
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	

Silage / hay / hay with grazing		
Mowing and non-removal		
Frequent short mowing		
Fertiliser / pesticide / herbicide use		

Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Ash Lound & Brick Kiln Holt - Ash Lound		02/11/2009	
Scientific Name	Common Name	DAFOR Score	
Abies alba	European Silver-fir	LF	DAFOR Scale
Acer campestre	Field Maple	0	D = Dominant
Acer pseudoplatanus	Sycamore	0	A = Abundant
Agrostis capillaris	Common Bent	F	F = Frequent
Anthriscus sylvestris	Cow Parsley	0	O = Occasional
Arrhenatherum elatius	False Oat-grass	0	R = Rare
Betula pendula	Silver Birch	LD	
Betula pubescens	Downy Birch	LD	L = Locally
Brachypodium sylvaticum	Wood False-brome	F	(P) = Planted
Carex sylvatica	Wood-sedge	0	
Centaurea nigra	Common Knapweed	LF	
Corylus avellana	Hazel	0	
Digitalis purpurea	Foxglove	0	
Dryopteris dilatata	Broad Buckler-fern	0	
Fagus sylvatica	Beech	R	
Fraxinus excelsior	Ash	0	
Heracleum sphondylium	Hogweed	0	
Holcus lanatus	Yorkshire-fog	F	
Hyacinthoides non-scripta	Bluebell	F	
Lamiastrum galeobdolon subsp. montanum	Yellow Archangel	0	
Larix decidua	European Larch	0	
Lonicera periclymenum	Honeysuckle	0	
Mercurialis perennis	Dog's Mercury	F	
Pinus sylvestris	Scots Pine	LF	
Prunus spinosa	Blackthorn	F	
Pteridium aquilinum	Bracken	LA	
Quercus robur	Pedunculate Oak	F	
Rubus fruticosus agg.	Bramble	F	
Rumex sanguineus	Wood Dock	F	
Salix caprea	Goat Willow	0	
Sambucus nigra	Elder	F	
Scrophularia nodosa	Common Figwort	0	
Sorbus aria	Whitebeam	R	
Stellaria holostea	Greater Stitchwort	0	
Tamus communis	Black Bryony	0	
Urtica dioica	Common Nettle	F	

Site name	G	rid	ref	erer	nce	-			
Ash Lound & Brick Kiln Holt	S	K	9	0	9	7	0	9	Lincolnshire
Site sub-division	Da	ate	_						Environmental
Brick Kiln Holt	1		1	0	6	0)	9	Records
Recorder(s)	Ti	me	e or	site	e				Centre
Alex Prendergast			0	hrs		40	mi	ins	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	Α
Spring / Flush / Blow Well	
Standing Water / Pond	Α
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	х
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

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Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

A small disturbed area of open woodland with a significant degree of ornamental planting towards the east of the site including hedges of Lawson's cypress *Chamaecyparis lawsoniana*, privet *Ligustrum ovalifolium* and cherry laurel *Prunus laurocerasus* bushes, and a large stand of *Weigela florida*.

A pond is present near the northern edge. The margins are dominated by bulrush *Typha latifolia* and support a small amount of water-pepper *Persicaria hydropiper*.

The western part of the wood (adjoining Ash Lound) is more natural although still rather open. The canopy is dominated by birches (silver birch *Betula pendula*, downy birch *Betula pubescens* and their hybrid *Betula x aurata*) and pedunculate oak *Quercus robur* with ash *Fraxinus excelsior* and coppiced hazel *Corylus avellana*.

The ground flora supports a range of ancient woodland species including foxglove *Digitalis purpurea*, yellow archangel *Lamiastrum galeobdolon* ssp. *montanum*, dog's mercury *Mercurialis perennis*, bluebell *Hyacinthoides non-scripta*, wood millet *Milium effusum*, common figwort *Scrophularia nodosa* and greater stitchwort *Stellaria holostea*. Various fern species were recorded, (scaly male fern *Dryopteris affinis 'cambrensis*', narrow buckler-fern *Dryopteris carthusiana* and broad buckler-fern *Dryopteris dilatata*), although none are present in any great quantity.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	Х
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting - native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

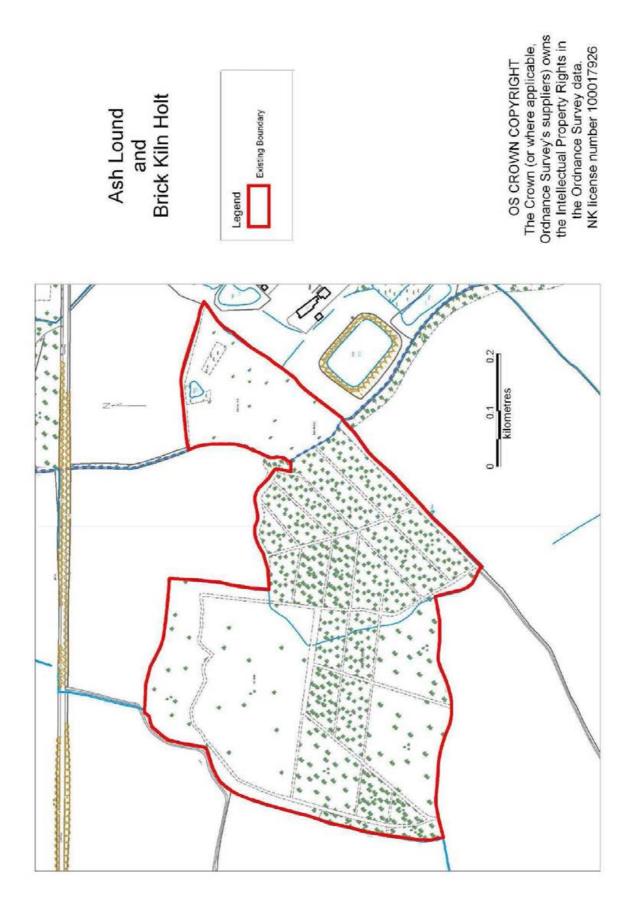
Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Ash Lound & Brick Kiln Holt - Brick Kiln Holt		11/06/2009	
Scientific Name	Common Name	DAFOR Score	
Acer pseudoplatanus	Sycamore	F	DAFOR Scale
Betula pendula	Silver Birch	А	D = Dominant
Betula pubescens	Downy Birch	F	A = Abundant
Betula x aurata	Hybrid Birch	0	F = Frequent
Chamaecyparis lawsoniana	Lawson's Cypress	LF	O = Occasional
Chamerion angustifolium	Rosebay Williowherb	F	R = Rare
Circaea lutetiana	Enchanter's-nightshade	F	
Corylus avellana	Hazel	F	L = Locally
Digitalis purpurea	Foxglove	F	(P) = Planted
Dryopteris affinis subsp. cambrensis	Scaly Male-fern	0	
Dryopteris carthusiana	Narrow Buckler-fern	0	
Dryopteris dilatata	Broad Buckler-fern	0	
Fraxinus excelsior	Ash	F	
Galeopsis tetrahit	Common Hemp-nettle	0	
Holcus lanatus	Yorkshire-fog	F	
Hyacinthoides non-scripta	Bluebell	F	
Lamiastrum galeobdolon subsp. montanum	Yellow Archangel	F	
Ligustrum ovalifolium	Garden Privet	0	
Mercurialis perennis	Dog's Mercury	F	
Milium effusum	Wood Millet	F	
Persicaria hydropiper	Water-pepper	LF	
Prunus laurocerasus	Cherry Laurel	LF	
Quercus robur	Pedunculate Oak	F	
Rubus fruticosus agg.	Bramble	F	
Rumex sanguineus	Wood Dock	F	
Salix caprea	Goat Willow	F	
Sambucus nigra	Elder	F]
Scrophularia nodosa	Common Figwort	F	
Stellaria holostea	Greater Stitchwort	F	
Typha latifolia	Bulrush	LF]
Urtica dioica	Common Nettle	F	
Weigela florida	Weigela	LD	



Site Summary	
Site Name	Wiseholme Holt
Grid ref.	SK928709
Area (ha.)	11.94
Parish	Skellingthorpe
District	North Kesteven

Existing	Site of Nature Conservation Importance (SNCI)
Status	Ancient Semi-natural Woodland and Ancient Replanted Woodland

Selection	WD1/1a: All semi-natural or replanted ancient woodland listed in Natural	
Criteria Met	England's Ancient Woodland Inventory	
	Comment : The majority of site is included as either semi-natural ancient	
	woodland or replanted ancient woodland.	

Species	10 species from Table 1 of the Local Wildlife Site Guidelines for		
Index score	designation of woodland and parkland were present on site.		
	Carex sylvatica	Hyacinthoides non-	Poa nemoralis
		scripta	
	Corylus avellana	Lamiastrum galeobdolon	Stellaria holostea
		subsp. montanum	
	Frangula alnus	Luzula pilosa	Veronica officinalis
	Geum rivale		

Additional	A small ancient woodland that is suffering in places from fly tipping and
comments	introduced plants.

Recommendations
This site is recommended for designation as a Local Wildlife Site (LWS) following the
original SNCI boundary.

Site name	Gi	Grid reference							
Wiseholme Holt	S	к	9	2	8	7	0	9	Lincolnshire
Site sub-division	Da	ate			. <u>.</u>				Environmental
	1	1		0	9	0		9	Records
Recorder(s)	Ti	Time on site						Centre	
Alex Prendergast			1	hrs		30	mi	ns	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	Α
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	A

Running Water				
Spring / Flush / Blow Well				
Standing Water / Pond				
Reedbed				
Grazing Marsh				
Sand Dune / Saline Lagoon				
Saltmarsh / Mudflat				
Brownfield Mosaic				
Ruderal				
Arable / Improved Grassland				

Constraints

Early / Late survey	х
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

111 131	
Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

A small acid woodland dominated by mature silver birch *Betula pendula* with occasional mature and veteran pedunculate oaks *Quercus robur* and downy birch *Betula pubescens*. Mountain ash *Sorbus aucuparia* is frequent throughout the wood creating an unusual understory with young birches, holly *Ilex aquilinum*, grey willow *Salix cinerea*, yew *Taxus baccata* and coppiced hazel *Corylus avellana*, intertwined with honeysuckle *Lonicera periclymenum*. A single alder buckthorn *Frangula alnus* was recorded on the eastern edge. It appears that the site was recently under conifer plantation. However, this is all now gone bar a few Scots pine *Pinus sylvestris* saplings.

Scattered shrubs include redcurrant *Ribes rubrum*, and raspberry *Rubus idaeus*, although the field layer over approximately half of the site is dominated by bracken *Pteridium aquilinum*. Other species of note in the field layer include wood sedge *Carex sylvatica*, foxglove *Digitalis purpurea*, bluebell *Hyacinthoides non-scripta*, stinking iris *Iris foetidissima*, yellow archangel *Lamiastrum galeobdolon* ssp *montanum*, wood meadow-grass *Poa nemoralis*, greater stitchwort *Stellaria holostea* and heath speedwell *Veronica officinalis*. Limited areas of damper ground support water avens *Geum rivale*. It is likely that further herb species would be recorded by a spring survey.

Small clearings support patches of sandy acid grassland dominated by common bent *Agrostis capillaris* with tormentil *Potentilla erecta*, hairy woodrush *Luzula pilosa* and thyme-leaved speedwell *Veronica serpyllifolia*.

A good diversity of fungi was recorded including a few unusual species. Fungi recorded from the site include *Amanita fulva, Xerocomus chrysenteron, Xerocomus spadiceus, Daedalopsis confragosa, Russula ochroleuca, Tylopilus felleus, Scleroderma citrinum, Lactarius plumbeus, Laccaria laccata var. moelleri and the slime mould Fuligo septica var. flava.*

Incidental records of fauna from the site include badger *Meles meles*, woodpigeon *Columba palumbus* and great tit *Parus major*.

A public footpath runs part way through the wood while many unofficial, but well used, tracks cover most of the site. The pond shown on the maps towards the eastern edge of the site was not found during the survey. Unfortunately significant quantities of garden waste from the residential properties which border two edges of the site, have been dumped along the site margins. However, this site is likely to be of increasing interest as it recovers from use as plantation.

Additional features

Veteran / pollarded trees	х	Anthills	Areas with freque
Planted specimen trees		Bare ground	Seasonally wet /
Standing / fallen dead wood	х	Rock outcrops	Earthworks / hum

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	

Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	х

Steep slopes	
South facing slopes	
Ridge and furrow	

Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	х
Educational potential	

Appropriate management	х
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	х
Invasive species	

Wiseholme Holt		11/09/2009	1
Scientific Name	Common Name	DAFOR Score	
Acer pseudoplatanus	Sycamore	0	DAFOR Scale
Aegopodium podagraria	Ground Elder	LA	D = Dominant
Agrostis capillaris	Common Bent	LD	A = Abundant
Alliaria petiolata	Garlic Mustard	0	F = Frequent
Betula pendula	Silver Birch	D	O = Occasional
Betula pubescens	Downy Birch	F	R = Rare
Carex sylvatica	Wood-sedge	0	
Chamerion angustifolium	Rosebay Williowherb	LF	L = Locally
Corylus avellana	Hazel	F	(P) = Planted
Crocosmia x crocosmiiflora	Montbretia	0	
Digitalis purpurea	Foxglove	F	
Dryopteris dilatata	Broad Buckler-fern	F	
Dryopteris filix-mas	Male-fern	0	
Frangula alnus	Alder Buckthorn	R	
Geum rivale	Water Avens	LF	
Geum urbanum	Wood Avens	LF	
Glechoma hederacea	Ground-ivy	0	
Hedera helix ssp. helix	Common Ivy	F	
Heracleum sphondylium	Hogweed	0	
Hyacinthoides non-scripta	Bluebell	0	
llex aquifolium	Holly	F	
Iris foetidissima	Stinking Iris	F	
Juncus effusus	Soft-rush	0	
Lamiastrum galeobdolon subsp.			
montanum	Yellow Archangel	LF	
Lonicera periclymenum	Honeysuckle	F	_
Lunaria annua	Honesty	0	
Luzula pilosa	Hairy Wood-rush	R	
Pinus sylvestris	Scots Pine	R	_
Poa nemoralis	Wood Meadow-grass	F	
Potentilla erecta	Tormentil	LF	
Pteridium aquilinum	Bracken	LD	
Quercus robur	Pedunculate Oak	F	
Ranunculus repens	Creeping Buttercup	LF	
Ribes rubrum	Red Currant	R	
Rubus fruticosus agg.	Bramble	F	
Rubus idaeus	Raspberry	LF	
Salix cinerea	Grey Willow	F	
Sambucus nigra	Elder	F	

Wiseholme Holt		11/09/2009
Scientific Name	Common Name	DAFOR Score
Sorbus aucuparia	Rowan	А
Stachys sylvatica	Hedge Woundwort	0
Stellaria holostea	Greater Stitchwort	F
Taxus baccata	Yew	F
Teucrium scorodonia	Wood Sage	0
Urtica dioica	Common Nettle	0
Veronica officinalis	Heath Speedwell	LF
Veronica serpyllifolia	Thyme-leaved Speedwell	LF



	Site Summary
Site Name	Skellingthorpe Pump Drain
Grid Ref.	SK943720-SK952713
Area (ha.)	3.91
Parish	Skellingthorpe
District	North Kesteven

Existing	Site of Nature Conservation Importance (SNCI)
Status	

Selection	None
Criteria met	Comment: This site does not currently meet any of the criteria for
	designation as a Local Wildlife Site.

Species	Four species from Table 2 of the Local Wildlife Site Guidelines for					
index score	designation of neutral grassland were present.					
	Angelica sylvestris	Lathyrus pratensis	Trisetum flavescens			
	Hypochaeris radicata					

Species	Four species from Table 7 of the Local Wildlife Site Guidelines for					
index score	designation of freshwater habitats were present.					
	Callitriche stagnalis	Iris pseudacorus	Sagittaria sagittifolia			
	Glyceria maxima					

Additional	This site was surveyed late in the year and it is therefore possible that					
comments	some species may have gone undetected during this survey.					
	The following freshwater species recorded during the 1987 may still be					
	present;					
	Rorippa nasturtium-aquaticum					
	Phragmites australis					
	Potamogeton natans					
	Rumex hydrolapathum					

Scrophularia auriculata
• Sparganium sp.
Typha latifolia

This site is recommended for re-survey at a more optimal time of year.

Site name	G	Grid reference							
Skellingthorpe Pump Drain	S	K	9	4	3	7	2	0	
	S	Κ	9	5	2	7	1	3	Lincolnshire
Site sub-division	Da	ate				Environmental			
	0	1		1	0	0		9	Records
Recorder(s)	Ті	me	on	site	3				Centre
Alex Prendergast			11	nrs		30	mi	ns	

Woodland – semi-nat / plantation	
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	Α
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	Μ
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	Α
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

This part of the drain appears to be dominated by Canadian waterweed *Elodea canadensis* with occasional clumps of water starwort *Callitriche stagnalis*. Common duckweed *Lemna minor* occurs over much of the water's surface. The narrow marginal zone is dominated by reed sweet-grass *Glyceria maxima* with occasional clumps of yellow flag *Iris pseudacorus* and arrowhead *Sagittaria sagittata*,

The banks support semi-rank grassland dominated by false oat grass *Arrhenatherum elatius* with frequent forbs including yarrow *Achillea millefolium*, field horsetail *Equisetum arvense*, cat's-ear *Hypochaeris radicata*, meadow vetchling *Lathyrus pratensis* and meadow buttercup *Ranunculus acris*. Yellow oat-grass *Trisetum flavescens* is present in restricted areas towards the top of the bank. The site's ruderal element includes creeping thistle *Cirsium arvense* and a swarm of *Rumex x pratensis* showing a full spectrum of introgression between its parent species (broad-leaved dock *Rumex obtusifolius* and curled dock *Rumex crispus*), which are also present.

Scattered scrub along the banks is comprised of hawthorn *Crataegus monogyna*, dog rose *Rosa canina* and field rose *Rosa arvensis*.

Incidental records of fauna from the site include minnow *Phoxinus phoxinus*; the butterflies common blue *Polyommatus icarus*, small copper *Lycaena phlaeas*, small tortoiseshell *Aglais urticae*, and small skipper *Thymelicus sylvestris*; pondskater *Gerris lacustris*; and the large black slug *Arion ater*.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	Х
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	Х
Grazing by rabbits	

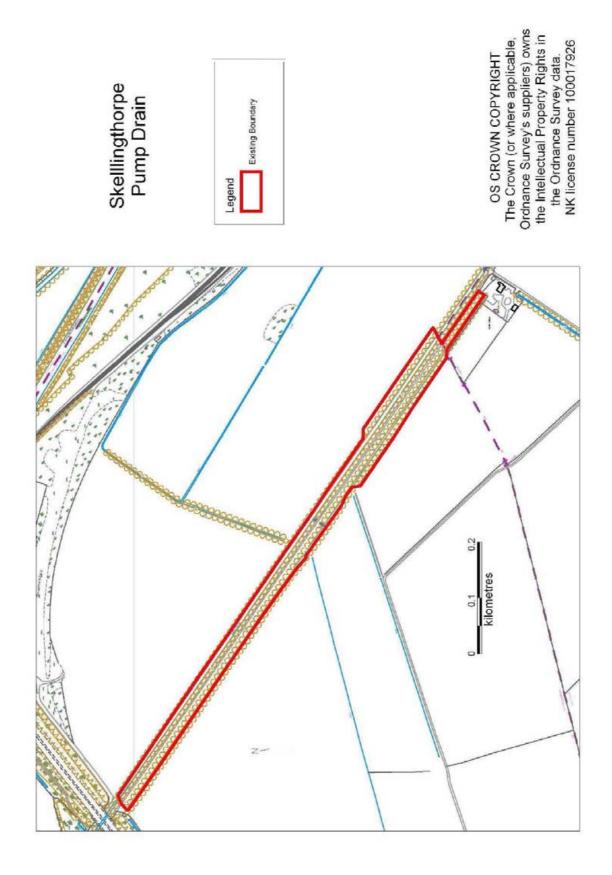
Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	

Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

Other grazing	
Poaching	
Controlled burning	

Other grazing	Off-road	vehicle damage	
Poaching	Fly tippin	ng / pollution / fires	
Controlled burning	Invasive	species	

Skellingthorpe Pump Drain		01/10/2009	
Scientific Name	Common Name	DAFOR Score	
Achillea millefolium	Yarrow	F	DAFOR Scale
Agrostis capillaris	Common Bent	F	D = Dominant
Angelica sylvestris	Wild Angelica	0	A = Abundant
Arrhenatherum elatius	False Oat-grass	D	F = Frequent
Callitriche stagnalis	Common Water-starwort	0	O = Occasional
Cirsium arvense	Creeping Thistle	F	R = Rare
Crataegus monogyna	Hawthorn	0	
Dactylis glomerata	Cock's-foot	А	L = Locally
Elodea canadensis	Canadian Waterweed	LD	(P) = Planted
Equisetum arvense	Field Horsetail	F	
Festuca rubra	Red Fescue	F	
Galium aparine	Cleavers	0	
Glyceria maxima	Reed Sweet-grass	LF	
Holcus lanatus	Yorkshire-fog	F	-
Hypochaeris radicata	Cat's-ear	0	-
Iris pseudacorus	Yellow Iris	0	
Lathyrus pratensis	Meadow Vetchling	F	-
Lemna minor	Common Duckweed	F	-
Persicaria maculosa	Redshank	0	-
Plantago lanceolata	Ribwort Plantain	F	-
Potentilla reptans	Creeping Cinquefoil	0	
Prunella vulgaris	Selfheal	0	-
Ranunculus acris	Meadow Buttercup	F	-
Rosa arvensis	Field-rose	0	-
Rosa canina	Dog Rose	0	-
Rubus fruticosus agg.	Bramble	F	
Rumex crispus	Curled Dock	0	
Rumex × pratensis	Hybrid Dock	F	-
Rumex obtusifolius	Broad-leaved Dock	0	-
Sagittaria sagittifolia	Arrowhead	0	-
Senecio jacobaea	Common Ragwort	0	-
Taraxacum agg.	Dandelion	0	1
Trifolium repens	White Clover	F	1
Trisetum flavescens	Yellow Oat-grass	R	1
Urtica dioica	Common Nettle	F	1
Vicia cracca	Tufted Vetch	0	



	Site Summary
Site Name	Pyewipe Junction
Grid ref.	SK952719
Area (ha.)	3.83
Parish	Skellingthorpe
District	North Kesteven

Existing	Site of Nature Conservation Importance (SNCI)
Status	

Selection	None
Criteria Met	Comment: This site was not accessible and therefore a full species list
	was not available. A number of freshwater species were recorded but
	only half the number required to qualify under criterion Sta2.

Species	Four species from Table 7 of the Local Wildlife Site Guidelines for					
Index score	designation of freshwater habitats were present on site.					
	Glyceria maxima	Phragmites australis	Rumex hydrolapathum			
	Iris pseudacorus					

Additional	Land to the south east of this site is a local nature reserve of particular
comments	importance for birds. It is likely that many additional species of birds and
	plants would be recorded within the site if it were possible to gain
	access.
	Additional species from Table 7 that were recorded on adjacent land
	include Scrophularia auriculata and Typha latifolia.

Recommendations
This site it could not be assessed against the LWS criteria however it is believed to
have changed little since its original designation, and is likely to satisfy the criteria for
designation.

Site name	Gr	Grid reference							
Pyewipe Junction	S	K	9	5	2	7	1	9	Lincolnshire
Site sub-division	Da	ite			1	-			Environmental
	0	4	ŀ	1	1	0		9	Records
Recorder(s)	Tii	me	on	site	3				Centre
Alex Prendergast			11	hrs		0	mi	ns	

Woodland – semi-nat / plantation	
Wet Woodland	Μ
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	Α
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

oonotrainto	
Early / Late survey	х
Short visit / Weather	
Hay cut	
Terrain / Vegetation	Х
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

An area of scrubby wet woodland, possibly with fen elements. The site was not accessible as it is bordered by waterways, a fenced pumping station and a railway line. The survey was undertaken from outside the site and as such the species count is low. However, it is unlikely to have lost much interest since its original designation. The difficulty of accessing the site suggests that it is rarely disturbed and as such is probably an important site for birds.

The canopy is dominated by silver birch *Betula pendula*, downy birch *Betula pubescens* and crack willow *Salix fragilis*. The shrub layer is comprised of mainly grey willow *Salix cinerea*, with occasional hawthorn *Crataegus monogyna* and elder *Sambucus nigra*. Raspberry *Rubus idaeus* is present on the eastern edge of the site and rosebay willowherb *Chamerion angustifolium* is spreading from the railway line to the south-west.

Aquatic species including soft rush *Juncus effusus*, reed sweet grass *Glyceria maxima*, yellow flag *Iris pseudacorus* and common reed *Phragmites australis* appear to be present across the site. Others such as water dock *Rumex hydrolapathum* and duckweed *Lemna minor* are restricted to the water margins.

An area of similar habitat to the east of the site was also surveyed. This area, and possibly the main site, appears to be flooded through the winter, although at the time of survey the water was restricted to the ditches. A few additional species of note were recorded here including almond willow *Salix triandra*, pendulous sedge *Carex pendula*, remote sedge *Carex remota*, bulrush *Typha latifolia*, water figwort *Scrophularia auriculata* and water chickweed *Myosoton aquaticum*. The fly agaric fungus *Amanita muscaria* was also occasional.

Incidental records of fauna from the site include moorhen *Gallinula chloropus*, water rail *Rallus aquaticus*, woodpigeon *Columba palumbus* and mute swan *Cygnus olor*.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	

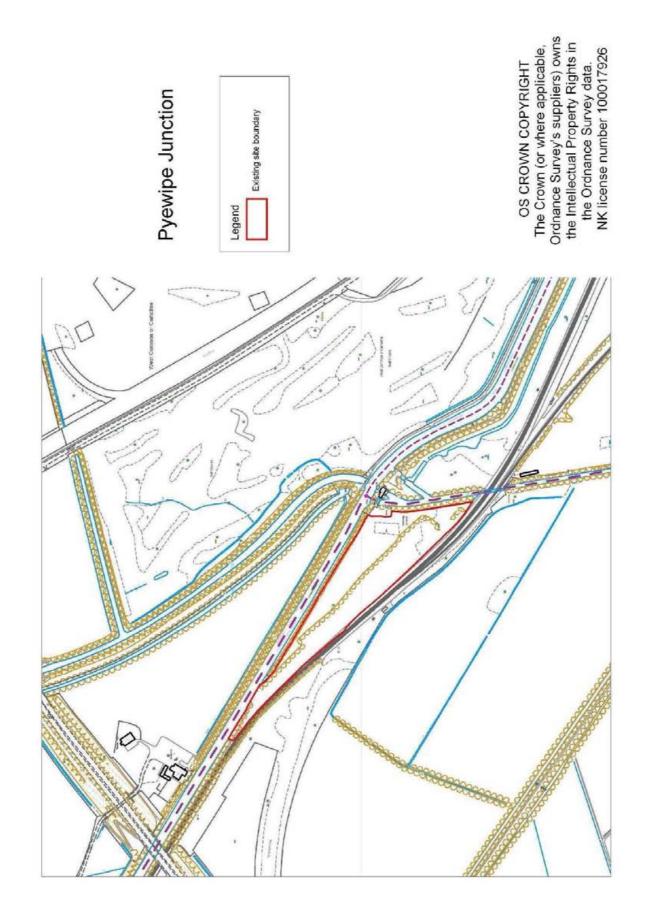
Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	х
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

Appropriate management		No grazing / cutting		
Inappropriate management		Grazing by cattle		
Scrub encroachment Grazing by shee				
Scrub removal	b removal Grazing by horse			
Coppicing / selective felling		Grazing by rabbits		
Re-planting – native / non-native Other grazing		Other grazing		
Ride mowing (woodland) Poaching		Poaching		
Non-intervention (woodland)		Controlled burning		

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Pyewipe Junction		04/11/2009	
Scientific Name	Common Name	DAFOR Score	
Betula pendula	Silver Birch	D	DAFOR Scale
Betula pubescens	Downy Birch	D	D = Dominant
Chamerion angustifolium	Rosebay Williowherb	LA	A = Abundant
Crataegus monogyna	Hawthorn	F	F = Frequent
Epilobium hirsutum	Great Willowherb	F	O = Occasional
Glyceria maxima	Reed Sweet-grass	F	R = Rare
Iris pseudacorus	Yellow Iris	LF	
Juncus effusus	Soft-rush	0	L = Locally
Lemna minor	Common Duckweed	LA	(P) = Planted
Phragmites australis	Common Reed	LF	
Rosa arvensis	Field-rose	0	
Rubus idaeus	Raspberry	LF	
Rumex hydrolapathum	Water Dock	LF	
Rumex obtusifolius	Broad-leaved Dock	0	
Salix cinerea	Grey Willow	A	
Salix fragilis	Crack-willow	A	
Sambucus nigra	Elder	F	



Grid Square TF03

Site Summary		
Site Name	Haceby Little Wood	
Grid ref.	TF033359	
Area (ha.)	5.62	
Parish	Newton and Haceby	
District	North Kesteven	

Existing	Site of Nature Conservation Importance (SNCI)
Status	Ancient Semi-Natural Woodland.
	Entry Level Stewardship Agreement (ELS)

Selection	WD1/1a: All semi-natural or replanted ancient woodland listed in Natural
Criteria Met	England's Ancient Woodland Inventory
	Comment: The entire site is included as semi-natural ancient woodland.

Species	Seven species from Table 1 of the Local Wildlife Site Guidelines for							
Index score	designation of Woodland and parkland were present on site.							
	Corylus avellana	Corylus avellana Mercurialis Primula vulgaris perennis						
	Euonymus europaeus Hyacinthoides non- scripta	Poa nemoralis	Viola reichenbachiana					

Additional	An area of ancient woodland supporting a number of typical ancient
comments	woodland indicator species.

This site is recommended for designation as a Local Wildlife Site (LWS) following the original SNCI boundary.

Site name	G	rid	ref	erer	ice				
Haceby Little Wood	т	F	0	3	3	3	5	9	Lincolnshire
Site sub-division	Da	ate		•				•	Environmental
	1	2	2	0	8	0		9	Records
Recorder(s)	Ti	Time on site						Centre	
Alex Prendergast			1	hrs		20	mi	ns	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

х

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Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	х

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

An ancient woodland site dominated by veteran pedunculate oaks *Quercus robur* and ash *Fraxinus excelsior* coppices. The shrub layer is comprised of field maple *Acer campestre*, hazel Corylus avellana coppice and hawthorn *Crataegus monogyna*. Spindle *Euonymus europaeus*, midland hawthorn *Crataegus laevigata* and crab apple *Malus sylvestris* are rare.

Various typical ancient woodland species were recorded from the field layer such as bluebell *Hyacinthoides non-scripta*, dog's mercury *Mercurialis perennis*, wood meadow-grass *Poa nemoralis*, primrose *Primula vulgaris* and early dog violet *Viola reichenbachiana*. Additionally enchanter's nightshade *Circaea lutetiana*, broad buckler fern *Dryopteris dilatata* and dog violet *Viola riviniana* were occasional.

Incidental records of fauna from the site include woodpigeon *Columba palumbus*, buzzard *Buteo buteo*, pheasant *Phasianus colchicus*, badger *Meles meles* and brown-lipped snail *Cepaea nemoralis*.

Additional features

Veteran / pollarded trees	х
Planted specimen trees	
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	

Appropriate management	
Inappropriate management	
Scrub encroachment	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	х
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

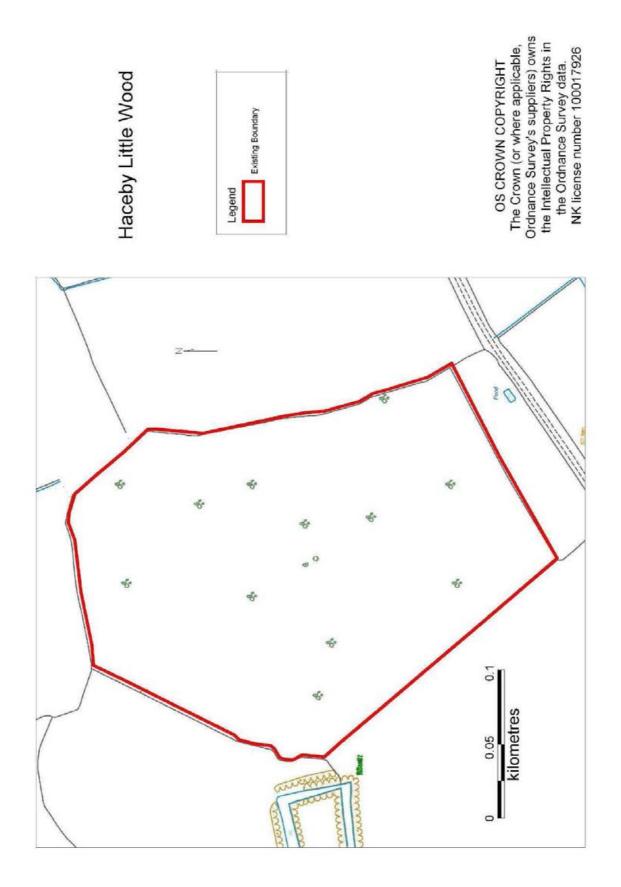
No grazing / cutting	Silage / hay / hay with grazing	
Grazing by cattle	Mowing and non-removal	
Grazing by sheep	Frequent short mowing	

Scrub removal	
Coppicing / selective felling	х
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

	Grazing by horses	
	Grazing by rabbits	
	Other grazing	
	Poaching	
	Controlled burning	
	Controlled burning	

Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Haceby Little Wood		12/08/2009	
Scientific Name	Common Name	DAFOR Score	1
Acer campestre	Field Maple	0	DAFOR Scale
Alliaria petiolata	Garlic Mustard	0	D = Dominant
Arum maculatum	Lords-and-Ladies	0	A = Abundant
Brachypodium sylvaticum	Wood False-brome	F	F = Frequent
Circaea lutetiana	Enchanter's-nightshade	0	O = Occasional
Cirsium arvense	Creeping Thistle	0	R = Rare
Corylus avellana	Hazel	F	
Crataegus laevigata	Midland Hawthorn	R	L = Locally
Crataegus monogyna	Hawthorn	F	(P) = Planted
Crataegus x media	Hawthorn	0	
Dryopteris dilatata	Broad Buckler-fern	0	
Euonymus europaeus	Spindle	R	
Filipendula ulmaria	Meadowsweet	0	
Fraxinus excelsior	Ash	D	
Geranium dissectum	Cut-leaved Crane's-bill	0	
Geum urbanum	Wood Avens	0	
Glechoma hederacea	Ground-ivy	F	
Hyacinthoides non-scripta	Bluebell	F	
Malus sylvestris	Crab Apple	R	
Mercurialis perennis	Dog's Mercury	F	
Poa nemoralis	Wood Meadow-grass	F	
Primula vulgaris	Primrose	0	
Prunus spinosa	Blackthorn	0	
Quercus robur	Pedunculate Oak	D	
Rosa arvensis	Field-rose	0	
Rumex sanguineus	Wood Dock	0	
Sambucus nigra	Elder	F	
Urtica dioica	Common Nettle	F	
Viola reichenbachiana	Early Dog-violet	0	
Viola riviniana	Common Dog-violet	0	



	Site Summary
Site Name	Haceby Great Wood
Grid ref.	TF038362
Area (ha.)	6.96
Parish	Newton and Haceby
District	North Kesteven

Existing	Site of Nature Conservation Importance (SNCI)
Status	Ancient Semi-Natural Woodland
	Entry Level Stewardship Agreement (ELS)

Selection	WD1/1a: All semi-natural or replanted ancient woodland listed in Natural
Criteria Met	England's Ancient Woodland Inventory
	Comment: The entire site is included as semi-natural ancient woodland.

Species	12 species from Table 1 of the Local Wildlife Site Guidelines for					
Index score	designation of Woodland and parkland were present on site.					
	Carex remota	Geum rivale	Primula vulgaris			
	Carex sylvatica	Hyacinthoides non- scripta	Scrophularia nodosa			
	Corylus avellana	Mercurialis perennis	Tilia cordata			
	Euonymus	Poa nemoralis	Viola reichenbachiana			
	europaeus					

Additional	The following additional woodland indicators were recorded during the
comments	1983 survey and may still be present:
	Conopodium majus
	Lamiastrum galeobdolon
	Milium effusum
	Orchis mascula
	Platanthera chlorantha
	Lychnis flos-cuculi

This site is recommended for designation as a Local Wildlife Site (LWS) following the original SNCI boundary.

Site name	Gr	Grid reference							
Haceby Great Wood	Т	F	0	3	8	3	6	2	Lincolnshire
Site sub-division	Da	ate				-			Environmental
	1	2	2	0	8	0		9	Records
Recorder(s)	Ti	me	on	site	9				Centre
Alex Prendergast			1	hrs		20	mi	ns	

Woodland – semi-nat / plantation	Ν
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	х
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

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-	
Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	х

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

An ancient woodland site dominated by ash *Fraxinus excelsior* and pedunculate oak *Quercus robur*. Small-leaved lime *Tilia cordata* dominates a small area of the wood. Field maple *Acer campestre*, hazel *Corylus avellana* coppice, midland hawthorn *Crataegus laevigata*, hawthorn *Crataegus monogyna*, spindle *Euonymus europaeus* and apple *Malus domestica* all occur in the shrub layer.

The field layer supports a number of species of note including wood sedge *Carex sylvatica*, male fern *Dryopteris filix-mas*, Broad leaved willowherb *Epilobium montanum*, water avens *Geum rivale*, bluebell *Hyacinthoides non-scripta*, dotted loosestrife *Lysimachia punctata*, dog's mercury *Mercurialis perennis*, wood meadow grass *Poa nemoralis*, Primrose *Primula vulgaris* and early dog violet *Viola reichenbachiana*.

Damper areas of the site support species such as remote sedge *Carex remota*, meadowsweet *Filipendula ulmaria* and tufted forget-me-not *Myosotis laxa*.

Deceiver Laccaria laccata and Giant puffball Calvatia gigantea were also recorded form the site.

Incidental records of fauna from the site include badger *Meles meles*, brown hare *Lepus europaeus*, mole *Talpa europaea*, rabbit *Oryctolagus cuniculus*, Wood pigeon *Columba palumbus*, buzzard *Buteo buteo*, meadow brown *Maniola jurtina*, speckled wood *Pararge aegeria* and brown lipped snail *Cepaea nemoralis*.

Additional features

Veteran / pollarded trees	х
Planted specimen trees	
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting - native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

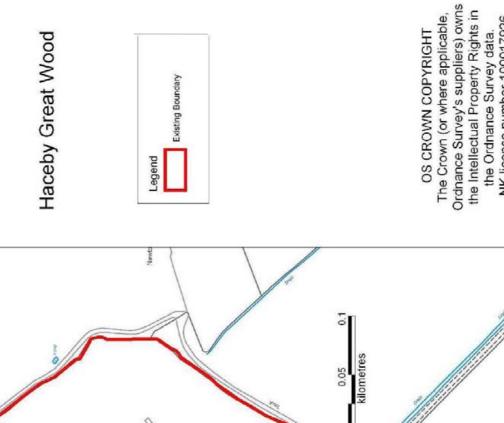
Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

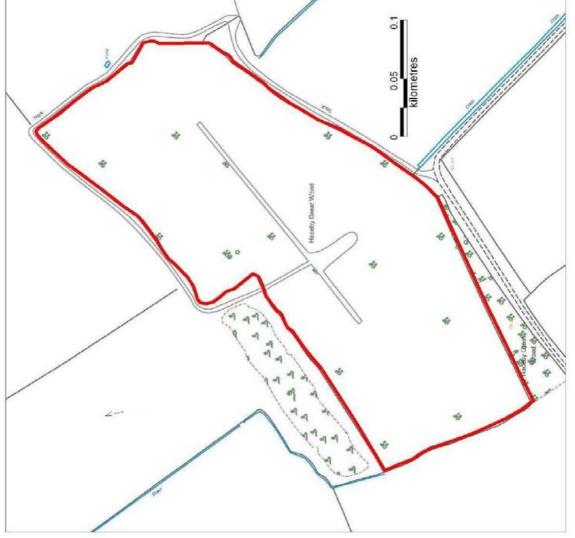
No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Haceby Great Wood		12/08/2009	
		DAFOR	
Scientific Name	Common Name	Score	
Acer campestre	Field Maple	F	DAFOR Scale
Arctium minus	Lesser Burdock	0	D = Dominant
Arum maculatum	Lords-and-Ladies	0	A = Abundant
Capsella bursa-pastoris	Shepherd's-purse	R	F = Frequent
Carex remota	Remote Sedge	0	O = Occasional
Carex sylvatica	Wood-sedge	0	R = Rare
Cirsium arvense	Creeping Thistle	F	
Cirsium vulgare	Spear Thistle	0	L = Locally
Corylus avellana	Hazel	F	(P) = Planted
Crataegus laevigata	Midland Hawthorn	F	
Crataegus monogyna	Hawthorn	F	
Dryopteris filix-mas	Male-fern	F	
Epilobium montanum	Broad-leaved Willowherb	0	
Euonymus europaeus	Spindle	0	
Filipendula ulmaria	Meadowsweet	LF	
Fraxinus excelsior	Ash	D	
Geum rivale	Water Avens	F	
Geum urbanum	Wood Avens	F	
Glechoma hederacea	Ground-ivy	F	
Hyacinthoides non-scripta	Bluebell	F	_
Malus domestica	Apple	0	
Mercurialis perennis	Dog's Mercury	A	
Myosotis laxa	Tufted Forget-me-not	LF	
Plantago major	Greater Plantain	0	
Poa annua	Annual Meadow-grass	F	
Poa nemoralis	Wood Meadow-grass	F	
Polygonum aviculare	Knotgrass	0	_
Primula vulgaris	Primrose	0	
Prunella vulgaris	Selfheal	0	
Prunus domestica	Wild Plum	F	
Prunus spinosa	Blackthorn	F	
Quercus robur	Pedunculate Oak	A	
Ranunculus repens	Creeping Buttercup	F	
Rosa arvensis	Field-rose	F	
Rumex sanguineus	Wood Dock	F	7
Salix cinerea	Grey Willow	F	-1
Sambucus nigra	Elder	F	
Scrophularia nodosa	Common Figwort	0	-1
Senecio jacobaea	Common Ragwort	0	
Stachys sylvatica	Hedge Woundwort	F	-1
Stellaria media	Common Chickweed	F	-1
Taraxacum agg.	Dandelion	0	
Tilia cordata	Small-leaved Lime	LD	
Urtica dioica	Common Nettle	F	
Veronica chamaedrys	Germander Speedwell	F	
Veronica chamaedrys Viola reichenbachiana		F	
	Early Dog-violet		



the Ordnance Survey data. NK license number 100017926



	Site Summary
Site Name	Newton Wood
Grid ref.	TF042363
Area (ha.)	9.29
Parish	Newton and Haceby
District	North Kesteven

Existing	Site of Nature Conservation Importance (SNCI)
Status	Entry Level Stewardship Agreement (ELS)
	Ancient Semi-natural Woodland (ASNW)

Selection	WD1/1a: All semi-natural or replanted ancient woodland listed in Natural
Criteria Met	England's Ancient Woodland Inventory
	Comment: The entire site is included in Natural England's Ancient
	Woodland Inventory as Ancient Semi-natural Woodland

Species	Nine species from Table 1 of the Local Wildlife Site Guidelines for						
Index score	designation of woodland and parkland were present on site.						
	Corylus avellana	Lychnis flos-cuculi	Primula vulgaris				
	Hyacinthoides non-	Mercurialis perennis	Scrophularia nodosa				
	scripta						
	Hypericum hirsutum	Poa nemoralis	Tilia cordata				

Additional	Ancient woodland with a diverse ground flora. It is likely that additional
comments	species would be present earlier in the year.
	The following additional woodland indicators were recorded during the
	1983 survey and could still be present:
	Carex sylvatica
	Conopodium majalis
	Cornus sanguineus
	Euonymus europaeus

Milium effusum
Orchis mascula
Viburnum opulus

This site is recommended for designation as a Local Wildlife Site (LWS) following the original SNCI boundary.

Site name	Grid reference								
Newton Wood	Т	F	0	4	2	3	6	3	Lincolnshire
Site sub-division	Da	ite			Environmental				
	1	2		0	8	0		9	Records
Recorder(s)	Ti	me	on	site	e				Centre
Alex Prendergast			11	hrs		20	mi	ns	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	х
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS-/ ELS / OEL	х

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

An ancient woodland dominated by ash *Fraxinus excelsior*, with pedunculate oak *Quercus robur* and areas of small-leaved lime *Tilia cordata*. The understory is composed of coppiced hazel *Corylus avellana* with frequent other species including field maple *Acer campestre*, apple *Malus domestica* and wild plum *Prunus domestica*.

The field layer supports various ancient woodland herbs such as bluebell *Hyacinthoides non-scripta*, hairy St john's wort *Hypericum hirsutum*, dog's mercury *Mercurialis perennis*, wood meadow-grass *Poa nemoralis*, primrose *Primula vulgaris* and common figwort *Scrophularia nodosa*. Ragged robin *Lychnis flos-cuculi* is present as a woodland herb in the damper areas of the site.

Incidental records of fauna from the site include a bevy of roe deer *Capreolus capreolus*, brown hare *Lepus europaeus*, mole *Talpa europaea*, rabbit *Oryctolagus cuniculus*, blackbird *Turdus merula*, woodpigeon *Columba palumbus*, buzzard *Buteo buteo* and meadow brown *Maniola jurtina*.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	

Appropriate management	Х
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

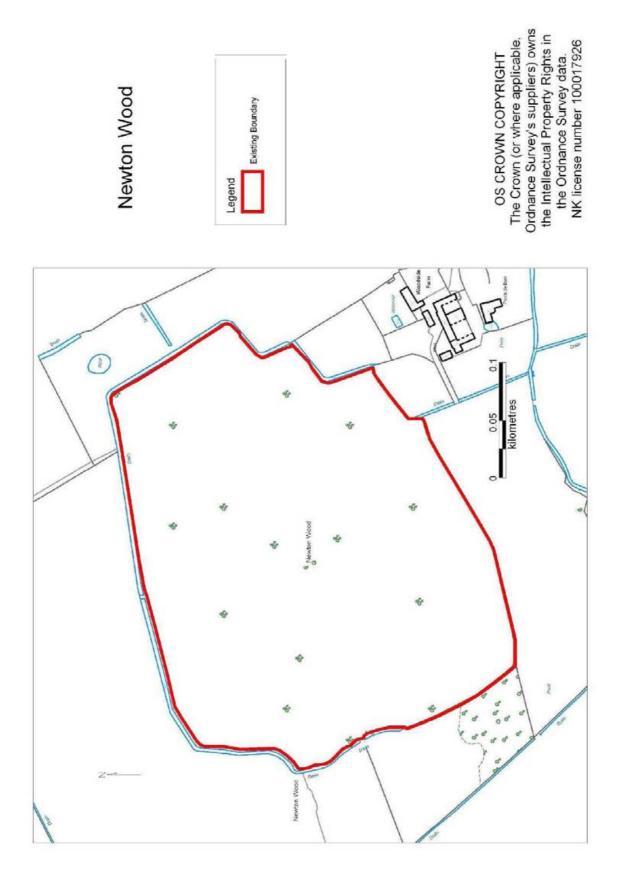
Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	х
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Newton Wood		12/08/2009	
Scientific Name	Common Name	DAFOR Score	
Acer campestre	Field Maple	F	DAFOR Scale
Aesculus hippocastanum	Horse-chestnut	0	D = Dominant
Brachypodium sylvaticum	Wood False-brome	F	A = Abundant
Circaea lutetiana	Enchanter's-nightshade	F	F = Frequent
Corylus avellana	Hazel	F	O = Occasional
Fraxinus excelsior	Ash	D	R = Rare
Glechoma hederacea	Ground-ivy	F	
Hyacinthoides non-scripta	Bluebell	F	L = Locally
Hypericum hirsutum	Hairy St John's-wort	F	(P) = Planted
Juncus effusus	Soft-rush	F	
Juncus inflexus	Hard Rush	F	
Lychnis flos-cuculi	Ragged-Robin	LF	
Malus domestica	Apple	0	
Mercurialis perennis	Dog's Mercury	F	
Poa nemoralis	Wood Meadow-grass	F	
Primula vulgaris	Primrose	0	
Prunus domestica	Wild Plum	F	
Prunus spinosa	Blackthorn	F	
Quercus robur	Pedunculate Oak	D	
Sambucus nigra	Elder	F]
Scrophularia nodosa	Common Figwort	F	
Senecio jacobaea	Common Ragwort	F]
Tilia cordata	Small-leaved Lime	LD	
Urtica dioica	Common Nettle	F	



Site Summary	
Site Name	Walcot Grassland
Grid Ref.	TF053345
Area (ha.)	4.62
Parish	Walcot
District	North Kesteven

Existing	Site of Nature Conservation Importance (SNCI)
Status	

Selection	None
Criteria met	Comment: This site does not currently meet any of the criteria for
	designation as a Local Wildlife Site.

Species	Four species from Table 7 of the Local Wildlife Site Guidelines for					
index score	designation of freshwater habitats were present.					
	Phalaris arundinaceaScrophulariaVeronica beccabunga					
		auriculata				
	Rorippa nasturtium-					
	aquaticum					

Species	Four species from Table 8 of the Local Wildlife Site Guidelines for				
index score	designation of swamp, marsh and fen were present.				
	Apium nodiflorum	Phalaris arundinacea	Scrophularia auriculata		
	Myosotis scorpioides				

Additional	This site seems to have lost a great deal of its previous interest with
comments	many neutral and damp grassland species previously recorded (1977)
	no longer present.

This site is not recommended for designation as a Local Wildlife Site (LWS).

Site name	G	Grid reference							
Walcot Grassland	Т	F	0	5	3	3	4	5	Lincolnshire
Site sub-division	Da	ate	-					•	Environmental
	0	1		1	0	0		9	Records
Recorder(s)	Ti	me	on	site	e				Centre
Alex Prendergast			11	hrs		0	mi	ns	

Woodland – semi-nat / plantation	
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	Μ
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	Α
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	Α
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

х

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

Two sloping pastures on the northern and southern slopes of a valley, with a wooded stream running along the bottom. The site is bordered by mixed hedges and grazed by horses. Trace ridge and furrow is barely visible.

Much of the pasture is grazed short. The turf is dominated by common bent *Agrostis capillaris*, however a range of grasses are present including tor grass *Brachypodium pinnatum*, perennial rye-grass *Lolium perenne* and smooth meadow-grass *Poa pratensis*. Sorrel *Rumex acetosa* is frequent throughout while hard rush *Juncus inflexus* and meadow buttercup *Ranunculus acris* were recorded from the lower, damper slopes.

Hedges are largely of hawthorn *Crataegus monogyna* and blackthorn *Prunus spinosa* with occasional elder *Sambucus nigra* and ash *Fraxinus excelsior* as scattered hedgerow trees. The banks of the stream are wooded by ash and crack willow *Salix fragilis*. Banks and bottoms of hedges present a typical shaded flora including false brome *Brachypodium sylvaticum*, wavy bittercress *Cardamine flexuosa*, tufted hair-grass *Deschampsia cespitosa*, ground ivy *Glechoma hederacea* and sweet violet *Viola odorata*.

At the time of the survey the stream was dry in east. Fool's watercress *Apium nodiflorum*, water forget-me-not *Myosotis scorpioides*, canary reed grass *Phalaris arundinacea*, watercress *Rorippa nasturtium-aquaticum*, water figwort *Scrophularia auriculata* and brooklime *Veronica beccabunga* occur in the marginal zone.

Incidental records of fauna from the site include rabbit *Oryctolagus cuniculus*, brown hare *Lepus europaeus*, jackdaw *Corvus monedula*, peacock *Inachis io*, small white *Pieris rapae*. The fungus *Coprinus comatus* was recorded near the southern boundary.

Outside the south east boundary of the site is a road verge which presents a similar range of grasses but is not grazed and additionally supports lady's bedstraw *Galium verum* and glaucous sedge *Carex flacca*.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	Х
Abundant nectar sources	
Structural diversity	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	Х
Ridge and furrow	х

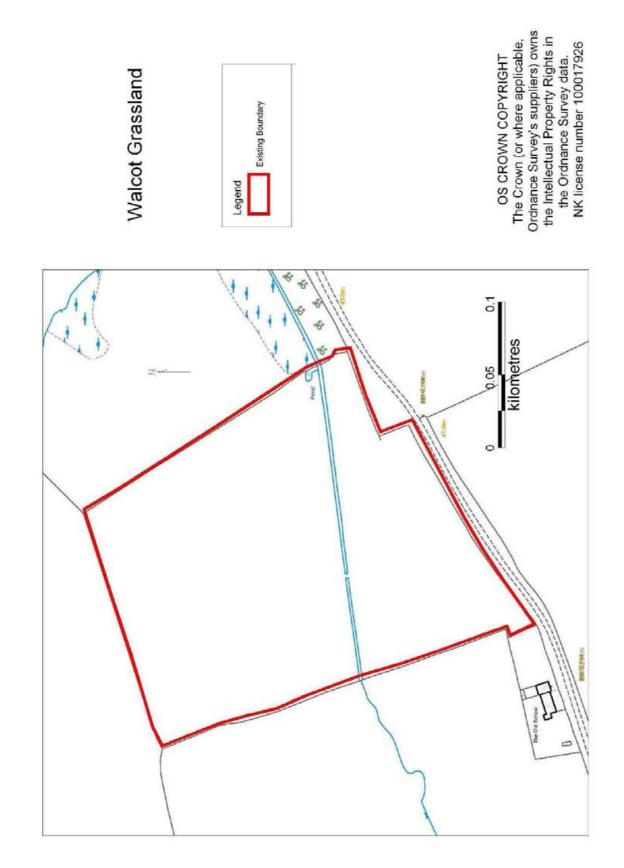
Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	х
Access / visibility	
Educational potential	

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	х
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Walcot Grassland		01/10/2009	1
Scientific Name	Common Name	DAFOR Score	
Aesculus hippocastanum	Horse-chestnut	R	DAFOR Scale
Agrostis capillaris	Common Bent	Α	D = Dominant
Apium nodiflorum	Fool's-water-cress	LF	A = Abundant
Brachypodium pinnatum	Tor-grass	0	F = Frequent
Brachypodium sylvaticum	Wood False-brome	LF	O = Occasional
Cardamine flexuosa	Wavy Bitter-cress	LF	R = Rare
Cirsium arvense	Creeping Thistle	0	
Cirsium vulgare	Spear Thistle	0	L = Locally
Crataegus monogyna	Hawthorn	LD	(P) = Planted
Deschampsia cespitosa	Tufted Hair-grass	0	
Festuca rubra	Red Fescue	F	
Fraxinus excelsior	Ash	LF	
Glechoma hederacea	Ground-ivy	F	
Juncus inflexus	Hard Rush	LF	
Lolium perenne	Perennial Rye-grass	F	
Myosotis scorpioides	Water Forget-me-not	LF	
Phalaris arundinacea	Reed Canary-grass	LF	
Poa pratensis	Smooth Meadow-grass	0	
Prunus spinosa	Blackthorn	LF	
Ranunculus acris	Meadow Buttercup	F	
Ranunculus repens	Creeping Buttercup	F	
Rorippa nasturtium-aquaticum	Water-cress	LF	
Rubus fruticosus agg.	Bramble	LF	
Rumex acetosa	Sorrel	0	
Rumex obtusifolius	Broad-leaved Dock	0	
Rumex sanguineus	Wood Dock	LF	
Salix fragilis	Crack-willow	LF	
Sambucus nigra	Elder	LF	
Scrophularia auriculata	Water Figwort	R	
Solanum dulcamara	Bittersweet	LF	
Stellaria media	Common Chickweed	0	
Tamus communis	Black Bryony	LF	
Taraxacum agg.	Dandelion	0	
Veronica beccabunga	Brooklime	LF	
Viola odorata	Sweet Violet	LF	



Grid Square TF04

Site Summary			
Site Name	North Rauceby Medieval Village		
Grid ref.	TF018470		
Area (ha.)	5.69		
Parish	North Rauceby		
District	North Kesteven		

Existing	Site of Nature Conservation Importance (SNCI)
Status	

Selection	None
Criteria Met	Comment: This site does not currently meet any of the criteria for
	designation as a Local Wildlife Site.

Species	Five species from Table 2 of the Local Wildlife Site Guidelines for					
Index score	designation of neutral grassland were present on site.					
	Cynosurus cristatus	Hordeum secalinum	Poa pratensis			
	Galium verum					

Additional	Further species could possibly be recorded by a survey earlier in the
comments	year.

This site is recommended for re-survey at a more optimal time of year.

Site name	G	ʻid	ref	erer	ice				
North Rauceby Medieval Village	Т	F	0	1	8	4	7	0	Lincolnshire
Site sub-division	Da	ate				-			Environmental
	0	1		1	0	0		9	Records
Recorder(s)	Ti	me	on	site	e				Centre
Alex Prendergast			1	hrs		0	mi	ns	

Woodland – semi-nat. / plantation	
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp. / Semi-imp	Α
Calcareous Grassland – Unimp. / Semi-imp	N
Acid Grassland – Unimp. / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	х
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

A semi-improved pasture grazed by cattle and sheep. The forms of abandoned medieval houses and roads are evident across the site; the limestone rocks from which the walls were built is exposed on the summits of some earthworks. The best of the flora appears to be restricted to the edges of the site and the steeper slopes.

Much of the site is dominated by common grasses principally crested dog's tail *Cynosurus cristatus* and patches of smooth meadow-grass *Poa pratensis*. Ridges, steeper slopes and areas of thin soil support red fescue *Festuca rubra*, meadow barley *Hordeum secalinum*, autumn hawkbit *Leontodon autumnalis*, hairy hawkbit *Leontodon hispidus*, ladies bedstraw *Galium verum* and a dwarf form of hedge bedstraw *Galium mollugo*. The edges of the site are dominated by the taller grasses; false oat-grass *Arrhenatherum elatius* and cocksfoot *Dactylis glomerata*. Yarrow *Achillea millefolium* and hairy sedge *Carex hirta* are frequent.

Boundary hedges are mainly of hawthorn *Crataegus monogyna*, with ivy *Hedera helix*, wild privet *Ligustrum vulgare* and occasional buckthorn *Rhamnus cathartica*.

Incidental records of fauna from the site include badger *Meles meles*, mole *Talpa europaea*, brown hare *Lepus europaeus*, jackdaw *Corvus monedula*, small tortoiseshell *Aglais urticae* and *yellow meadow ant Lasius flavus*

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	Х
Abundant nectar sources	
Structural diversity	

Anthills	х
Bare ground	
Rock outcrops	
Steep slopes	Х
South facing slopes	Х
Ridge and furrow	

Areas with frequent / prolonged flooding		
Seasonally wet / damp areas		
Earthworks / hummocky ground	х	
Ditches – shallow / deep		
Hedgerows – spp -rich / poor	х	
Access / visibility		
Educational potential		

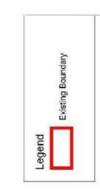
Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

No grazing / cutting	
Grazing by cattle	х
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

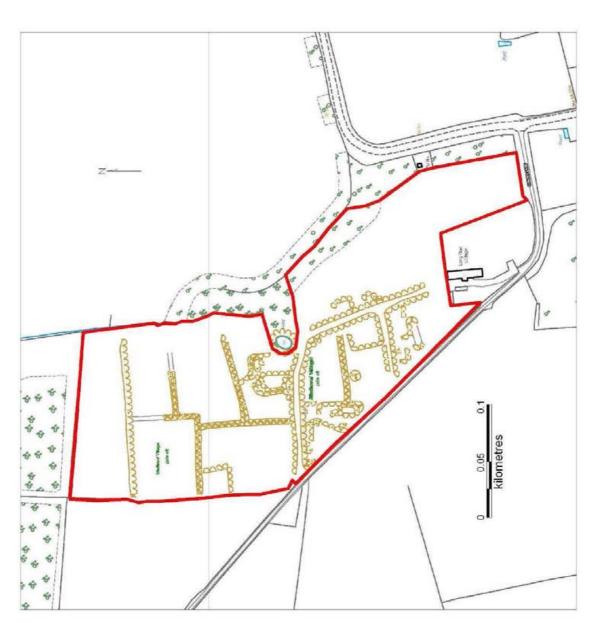
Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

North Rauceby Medieval Village		01/10/2009	
Scientific Name	Common Name	DAFOR Score	
Achillea millefolium	Yarrow	0	DAFOR Scale
Agrostis capillaris	Common Bent	A	D = Dominant
Anthriscus sylvestris	Cow Parsley	0	A = Abundant
Arrhenatherum elatius	False Oat-grass	LF	F = Frequent
Artemisia vulgaris	Mugwort	LF	O = Occasional
Carex hirta	Hairy Sedge	LF	R = Rare
Cerastium fontanum	Common Mouse-ear	F	
Cirsium arvense	Creeping Thistle	F	L = Locally
Cirsium vulgare	Spear Thistle	F	(P) = Planted
Crataegus monogyna	Hawthorn	LF	
Cynosurus cristatus	Crested Dog's-tail	D	
Dactylis glomerata	Cock's-foot	F	
Festuca rubra	Red Fescue	Α	
Fraxinus excelsior	Ash	LF	
Galium aparine	Cleavers	0	
Galium verum	Lady's Bedstraw	0	
Hedera helix	Common Ivy	LF	
Heracleum sphondylium	Hogweed	0	
Holcus lanatus	Yorkshire-fog	0	
Hordeum murinum	Wall Barley	0	
Hordeum secalinum	Meadow Barley	0	
Leontodon autumnalis	Autumn Hawkbit	0	
Leontodon hispidus	Rough Hawkbit	0	
Ligustrum vulgare	Wild Privet	LF	
Lolium perenne	Perennial Rye-grass	0	
Phleum pratense	Timothy	0	
Plantago lanceolata	Ribwort Plantain	0	
Plantago major	Greater Plantain	0	
Poa pratensis	Smooth Meadow-grass	F	
Potentilla reptans	Creeping Cinquefoil	0	
Rhamnus cathartica	Buckthorn	LF	1
Rubus fruticosus agg.	Bramble	LF	
Rumex obtusifolius	Broad-leaved Dock	LF	1
Rumex sanguineus	Wood Dock	LF	1
Sambucus nigra	Elder	LF	1
Taraxacum agg.	Dandelion	0	1
Trifolium repens	White Clover	0	1
Urtica dioica	Common Nettle	0	7

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North Rauceby Medieval Village



Site Summary		
Site Name	Rauceby Quarry	
Grid ref.	TF032453	
Area (ha.)	2.44	
Parish	South Rauceby	
District	North Kesteven	

Existing	Site of Nature Conservation Importance (SNCI)			
Status	County Wildlife Site (CWS)	County Wildlife Site (CWS)		
	Entry Level Stewardship Agreement (ELS)			
	Lowland Calcareous Grassland Priority habitat			

Selection	None		
Criteria Met	Comment: This site does not currently meet any of the criteria for		
	designation as a Local Wildlife Site.		

Species	Three species from Table 3 of the Local Wildlife Site Guidelines for		
Index score	designation of calcareous grassland were present on site.		
	Brachypodium	Carlina vulgaris	Centaurea nigra
	pinnatum		

Additional	Much of the calcareous grassland here has been lost to scrub and
comments	woodland, but probably could be restored on the slopes through scrub
	clearance.

RecommendationsThis site is not recommended for designation as a Local Wildlife Site (LWS).

Site name	Gi	rid	refe	erer	nce				
Rauceby Quarry	Т	F	0	3	2	4	5	3	Lincolnshire
Site sub-division	Da	ate	-			1		<u> </u>	Environmental
	0	1		1	0	0		9	Records
Recorder(s)	Ti	me	on	site	9				Centre
Alex Prendergast			11	nrs		0	mi	ns	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	Α
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	Α
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	
•	1

Constraints

Early / Late survey	х
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	х

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

An area of secondary woodland established on and around the site of an old limestone quarry. Sycamore Acer pseudoplatanus dominates almost entirely. Ash *Fraxinus excelsior* and pedunculate oak *Quercus robur* are occasional in the canopy while Hawthorn *Crataegus monogyna*, wild privet *Ligustrum vulgare* and small-leaved elm *Ulmus minor* are present in the shrub layer. The only recorded ground flora species of note was sweet violet *Viola odorata*. Traveller's joy *Clematis vitalba* scrambles over the scrub in the east.

Various native shrub species have recently been planted towards the road; these include hazel *Corylus avellana*, wild cherry *Prunus avium*, mountain ash *Sorbus aucuparia* and common lime *Tilia x europaea*.

A small area of herb-rich calcareous grassland survives on the southern edge of the quarry; however this is in imminent danger of being shaded out (scrub/tree clearance required). It is dominated by tor-grass *Brachypodium pinnatum* with carline thistle *Carlina vulgaris* and common knapweed *Centaurea nigra*.

Incidental records of fauna from the site include rabbit *Oryctolagus cuniculus*, fox *Vulpes vulpes*, robin *Erithacus rubecula*, comma *Polygonia c-album* and *seven-spotted ladybird Coccinella septempunctata*.

A dry stone wall (limestone) is present on the southern boundary.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	

Anthills	
Bare ground	
Rock outcrops	Х
Steep slopes	Х
South facing slopes	Х
Ridge and furrow	

Areas with frequent / prolonged flooding		
Seasonally wet / damp areas	х	
Earthworks / hummocky ground		
Ditches – shallow / deep		
Hedgerows – spp rich / poor		
Access / visibility		
Educational potential		

Management

Appropriate management	
Inappropriate management	Х
Scrub encroachment	Х
Scrub removal	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	

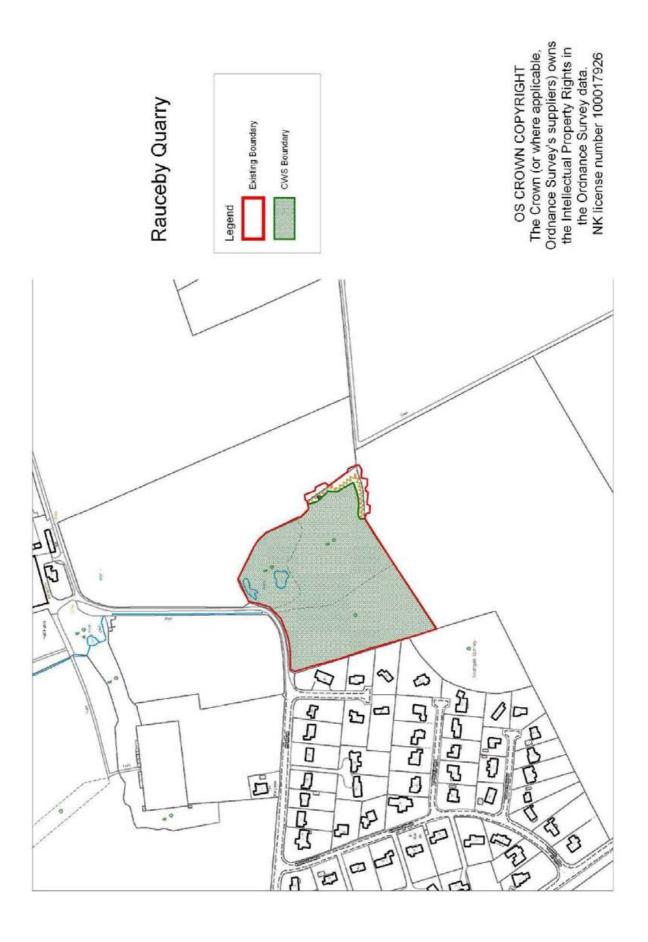
No grazing / cutting Grazing by cattle Grazing by sheep Grazing by horses

Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	х

Rauceby Quarry		01/10/2009	
Scientific Name	Common Name	DAFOR Score	
Acer pseudoplatanus	Sycamore	D	DAFOR Scale
Aesculus hippocastanum	Horse-chestnut	0	D = Dominant
Anthriscus sylvestris	Cow Parsley	F	A = Abundant
Arctium minus	Lesser Burdock	0	F = Frequent
Brachypodium pinnatum	Tor-grass	LD	O = Occasional
Brachypodium sylvaticum	Wood False-brome	0	R = Rare
Brassica rapa	Turnip	R	
Carlina vulgaris	Carline Thistle	R	L = Locally
Centaurea nigra	Common Knapweed	LF	(P) = Planted
Chamerion angustifolium	Rosebay Williowherb	LF	
Clematis vitalba	Traveller's-joy	LA	
Convolvulus arvensis	Field Bindweed	0	
Corylus avellana	Hazel	O (P)	
Crataegus monogyna	Hawthorn	F	
Dactylis glomerata	Cock's-foot	0	
Fraxinus excelsior	Ash	0	
Geum urbanum	Wood Avens	0	
Glechoma hederacea	Ground-ivy	F	
Hedera helix ssp. helix	Common Ivy	F	
Ligustrum vulgare	Wild Privet	0	
Plantago major	Greater Plantain	0	
Prunus avium	Wild Cherry	O (P)	
Quercus robur	Pedunculate Oak	0	
Rosa arvensis	Field-rose	0	
Rumex obtusifolius	Broad-leaved Dock	0	
Rumex sanguineus	Wood Dock	0	
Sambucus nigra	Elder	F	
Sorbus aucuparia	Rowan	LF (P)	
Tamus communis	Black Bryony	0	
Tilia x europaea	Lime	0	
Torilis japonica	Upright Hedge-parsley	0	
Ulmus minor	Small-leaved Elm	0	
Urtica dioica	Common Nettle	0	
Veronica chamaedrys	Germander Speedwell	0	
Viola odorata	Sweet Violet	0	



Site Summary		
Site Name	Meadow East of Rauceby Warren	
Grid ref.	TF036442	
Area (ha.)	0.51	
Parish	South Rauceby	
District	North Kesteven	

Existing	Site of Nature Conservation Importance (SNCI)
Status	Higher Level Stewardship Agreement (HLS) approximately 0.2ha

Selection	None
Criteria Met	Comment : The majority of this site has now been destroyed by the
	construction of a road.

Species	Two species from Table 2 of the Local Wildlife Site Guidelines for				
Index score	designation of calcareous grassland were present on site.				
	Brachypodium pinnatum	Reseda lutea			

Species	Two species from Table 4 of the Local Wildlife Site Guidelines for				
Index score	designation of heathland and acid grassland were present on site.				
	Anchusa arvensis	Trifolium arvense			

Additional	Most of this site has been destroyed and the remaining areas of
comments	grassland support very few species listed in the LWS guidelines

Recommendations This site is not recommended for designation as a Local Wildlife Site (LWS)

Site name	G	Grid reference							
Meadow East of Rauceby Warren	Т	F	0	3	6	4	4	2	Lincolnshire
Site sub-division	Da	ate			1				Environmental
	2	C)	0	8	0)	9	Records
Recorder(s)		Time on site					Centre		
Alex Prendergast			0	hrs		30	mi	ns	

Woodland – semi-nat./ plantation	
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp. / Semi-imp	
Calcareous Grassland – Unimp. / Semi-imp	
Acid Grassland – Unimp. / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	Μ
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	х
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	Part

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

The majority of this site has been destroyed by the construction of a road leaving several patches of disturbed sandy ground either side of the road. These areas supports some typical species such as evening primrose Oenothera biennis, ragwort Senecio jacobaea and a single unusual, presumably alien and indetermined species of plantain Plantago sp.

Some species which were presumably more widespread on the site prior to the road construction still exist. These include tor grass Brachypodium pinnatum, spike sedge Carex spicata and hare's-foot clover Trifolium arvensis.

A small area, approximately 0.2ha of sandy pasture remains between the new road and the nearby SSSI. This area was not accessible for survey but was visible over the low wire fence. It does not appear to have been disturbed and this area along with the adjacent Rauceby Warren SSSI is under Higher Level Stewardship. However this remaining field is small and unlikely to support additional species of interest that were not visible from accessible areas.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	Х

Anthills Bare ground х Rock outcrops

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

Management

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

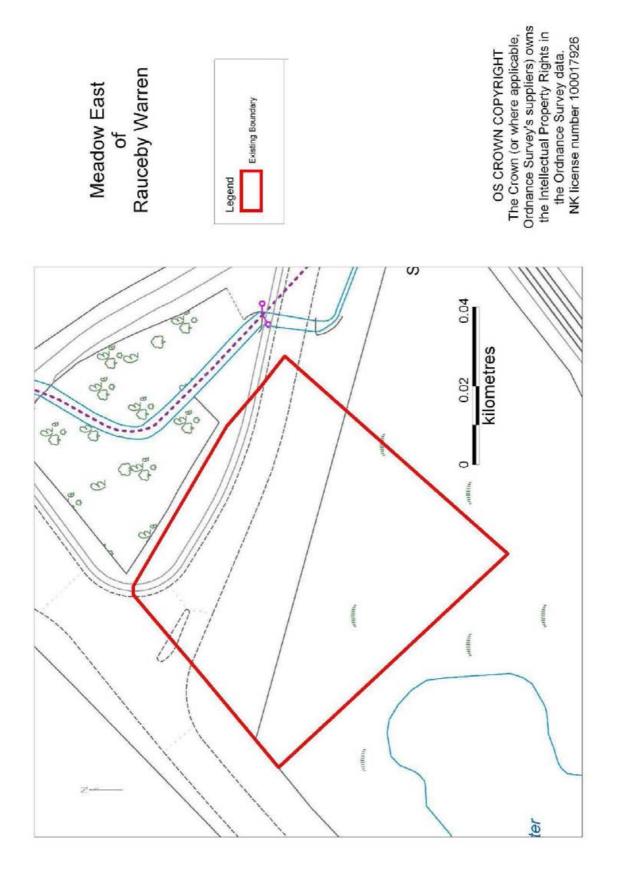
Steep slopes	
South facing slopes	
Ridge and furrow	
No grazing / cutting	
Grazing by cattle	

Heagerows – spp rich / poor	
Access / visibility	
Educational potential	
Silage / hay / hay with grazing	
Mowing and non-removal	
Erequent chart mowing	

Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Sliage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Meadow East of Rauceby	Warren	20/08/2009	
Scientific Name	Common Name	DAFOR Score	
Anchusa arvensis	Bugloss	0	DAFOR Scale
Arabidopsis thaliana	Thale Cress	0	D = Dominant
Arctium minus	Lesser Burdock	0	A = Abundant
Arrhenatherum elatius	False Oat-grass	F	F = Frequent
Arum maculatum	Lords-and-Ladies	R	O = Occasional
Brachypodium pinnatum	Tor-grass	0	R = Rare
Carex spicata	Spiked Sedge	R	
Cirsium arvense	Creeping Thistle	F	L = Locally
Cirsium vulgare	Spear Thistle	F	(P) = Planted
Crataegus monogyna	Hawthorn	0	
Crepis capillaris	Smooth Hawk's-beard	0	
Epilobium hirsutum	Great Willowherb	0	
Galium aparine	Cleavers	0	
Geranium dissectum	Cut-leaved Crane's-bill	0	
Holcus lanatus	Yorkshire-fog	0	
Malus domestica	Apple	R	
Oenothera biennis	Common Evening-primrose	F	
Plantago sp	Plantain	R	
Plantago major	Greater Plantain	F	
Ranunculus repens	Creeping Buttercup	F	
Reseda lutea	Wild Mignonette	0	
Rumex acetosa	Sorrel	0	
Rumex crispus	Curled Dock	0	
Rumex obtusifolius	Broad-leaved Dock	0	
Sambucus nigra	Elder	0	
Senecio jacobaea	Common Ragwort	0	
Sonchus arvensis	Perennial Sow-thistle	0	
Taraxacum agg.	Dandelion	0	
Trifolium arvense	Hare's-foot Clover	0	
Trifolium pratense	Red Clover	0	
Urtica dioica	Common Nettle	0	
Verbascum thapsus	Great Mullein	0	



Site Summary	
Site Name	Aswarby Thorns
Grid ref.	TF077413
Area (ha.)	45.93
Parish	Aswarby and Swarby
District	North Kesteven

Existing	Site of Nature Conservation Importance (SNCI)	
Status	Ancient semi-natural (11.34) and Ancient replanted woodland	
	(19.73)	
	English Woodland Grant Scheme.	

Selection	WD1/1a: All semi-natural or replanted ancient woodland listed in Natural		
Criteria Met	England's Ancient Woodland Inventory		
	Comment: The entire site is included as either semi-natural ancient		
	woodland (8.71ha) or replanted ancient woodland (1.21ha)		

Species	Six species from Table 1 of the Local Wildlife Site Guidelines for		
Index score	designation of woodland and parkland were present on site.		
	Anemone nemorosa	Dryopteris affinis	Mercurialis perennis
	Corylus avellana	Hyacinthoides non-scripta	Stellaria holostea

Additional	Additional ancient woodland species recorded during previous surveys	
comments	that may still be present include	
	Hypericum hirsutum	
	Hypericum tetrapterum	
	Hypericum humifusum	

Site name	G	Grid reference							
Aswarby Thorns	Т	F	0	7	7	4	1	3	Lincolnshire
Site sub-division	Da	ate							
	1	5	5	0	5	0		9	Environmental
	0	5	5	1	1	0		9	Records
Recorder(s)	Ti	me	or	n site	;				Centre
Alex Prendergast			1	hrs		0	mi	ns	

Woodland – semi-nat. / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp. / Semi-imp	
Calcareous Grassland – Unimp ./ Semi-imp	
Acid Grassland – Unimp. / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	х
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	х
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

A large acid woodland surrounded by arable land. Parts are dominated by tall, straight pedunculate oak *Quercus robur*, others areas have recently been felled. The edges are bounded by hedges and dense scrub which supports a wider range of woody species including field maple *Acer campestre*, hazel *Corylus avellana*, blackthorn *Prunus spinosa* and wych elm *Ulmus glabra*. The shrub layer is thin and appears to be cleared regularly but is dominated by bramble *Rubus fruticosus* agg. with occasional grey willow *Salix cinerea*, elder *Sambucus nigra*, hawthorn *Crataegus monogyna* and honeysuckle *Lonicera periclymenum*.

Away from areas of dense bramble the ground flora appears to be good with abundant tufted hair grass Deschampsia cespitosa and false brome Brachypodium sylvatica. Male fern Dryopteris filix-mas and large scaly male fern Dryopteris affinis 'cambrensis' are frequent.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	х
Sap runs on / holes in trees	х
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

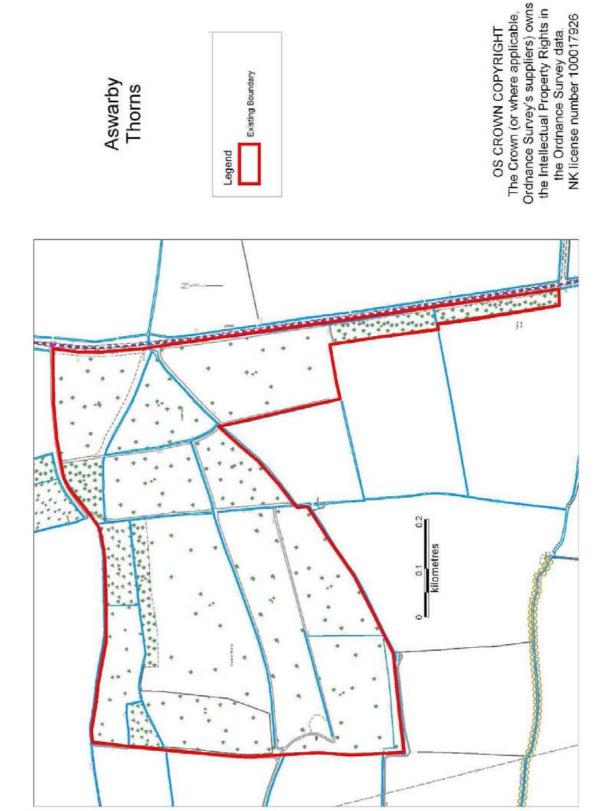
Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Aswarby Thorns		15/05/09 & 05/11/09	1
Scientific Name	Common Name	DAFOR Score	1
Acer campestre	Field Maple	0	DAFOR Scale
Acer pseudoplatanus	Sycamore	0	D = Dominant
Agrostis capillaris	Common Bent	F	A = Abundant
Anemone nemorosa	Wood Anemone	0	F = Frequent
Anthriscus sylvestris	Cow Parsley	F	O = Occasional
Arrhenatherum elatius	False Oat-grass	0	R = Rare
Artemisia vulgaris	Mugwort	0	
Cerastium fontanum	Common Mouse-ear	0	L = Locally
Cirsium arvense	Creeping Thistle	0	(P) = Planted
Cirsium vulgare	Spear Thistle	0	
Corylus avellana	Hazel	F	1
Crataegus monogyna	Hawthorn	A	1
Deschampsia cespitosa	Tufted Hair-grass	F	1
Dryopteris affinis subsp. cambrensis	Scaly Male-fern	F	1
Dryopteris filix-mas	Male-fern	F	1
Epilobium hirsutum	Great Willowherb	F	1
Festuca rubra	Red Fescue	0	-
Filipendula ulmaria	Meadowsweet	0	1
Fraxinus excelsior	Ash	F	1
Galium aparine	Cleavers	0	1
Geranium robertianum	Herb-Robert	F	1
Geum urbanum	Wood Avens	F	1
Glechoma hederacea	Ground-ivy	F	-
Glyceria fluitans	Floating Sweet-grass	LF	1
Hedera helix	Common Ivy	0	1
Heracleum sphondylium	Hogweed	0	1
Holcus lanatus	Yorkshire-fog	0	1
Holcus mollis	Creeping Soft-grass	0	1
Hyacinthoides non-scripta	Bluebell	LF	
Juncus effusus	Soft-rush	0	
Mercurialis perennis	Dog's Mercury	F	
Poa trivialis	Rough Meadow-grass	F	
Prunus spinosa	Blackthorn	F	_
Quercus robur	Pedunculate Oak	D	
Ranunculus repens	Creeping Buttercup	0	1
Rosa arvensis	Field-rose	0	1
Rubus fruticosus agg.	Bramble	D	1
Salix cinerea	Grey Willow	F	1
Silene dioica	Red Campion	F	1
Stachys sylvatica	Hedge Woundwort	F	1
Stellaria holostea	Greater Stitchwort	0	1
Ulex europaeus	Gorse	R	1
Ulmus glabra	Wych Elm	0	1
Urtica dioica	Common Nettle	F	1



Site Summary			
Site Name	Sleaford Ballast Pit		
Grid ref.	TF083450		
Area (ha.)	8.27		
Parish	Kirkby la Thorpe		
District	North Kesteven		

Existing	None
Status	

Selection	None
Criteria Met	Comment: This site does not currently meet any of the selection criteria
	necessary to qualify as a Local Wildlife Site

Species	Four species from Table 8 of the Local Wildlife Site Guidelines for					
Index score	designation of swamp, marsh or fen were present on site.					
Eupatorium cannabinum Mentha aquatica Phragmites au						
	Lycopus europaeus					

Additional	A flooded ballast pit which appears to be used occasionally for leisure
comments	activities.

This site is not recommended for designation as a Local Wildlife Site (LWS).

Site name	Gr	Grid reference							
Sleaford Ballast Pit	Т	F	0	8	3	4	5	0	Lincolnshire
Site sub-division	Da	Date				Environmental			
	1	7	,	0	9	0		9	Records
Recorder(s)	Ti	me	on	site	•				Centre
Alex Prendergast, Tracy Simpson			1	hrs		0	mi	ns	

Woodland – semi-nat / plantation	
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	Α
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	Μ
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	х
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	
× ×	

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Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached) A flooded ballast pit bordered by willow *Salix* sp. dominated scrub and reed *Phragmites australis*. A remnant

grassland community exists on the banks.

Open water covers the majority of the site – the only plant species recorded here was the aquatic moss *Fontinalis antipyretica*. Marginal and emergent species include hemp agrimony *Eupatorium cannabinum*, gypsywort *Lycopus europaeus*, water mint *Mentha aquatica*, and beds of common reed *Phragmites australis*. Willows *Salix spp.* dominate the scrub with some mature ash *Fraxinus excelsior*. Guelder rose *Viburnum opulus*, dogwood *Cornus sanguinea* and apple *Malus domestica* are occasional.

A grassland community surviving amongst scrub and on banks includes red fescue *Festuca rubra*, yarrow *Achillea millefolium*, hairy sedge *Carex hirta*, common knapweed *Centaurea nigra*, perforate St john's wort *Hypericum perforatum*, ox-eye daisy *Leucanthemum vulgare*, greater bird's-foot trefoil *Lotus pedunculatus* and meadow buttercup *Ranunculus acris*.

Incidental records of fauna from the site include mute swan *Cygnus olor*, woodpigeon *Columba palumbus*, coot *Fulica atra*, heron *Ardea cinerea*, emperor dragonfly *Anax imperator*, green-veined white *Pieris napi*, large white *Pieris brassicae*, brimstone *Gonepteryx rhamni* and speckled wood *Pararge aegeria*.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	х

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting - native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

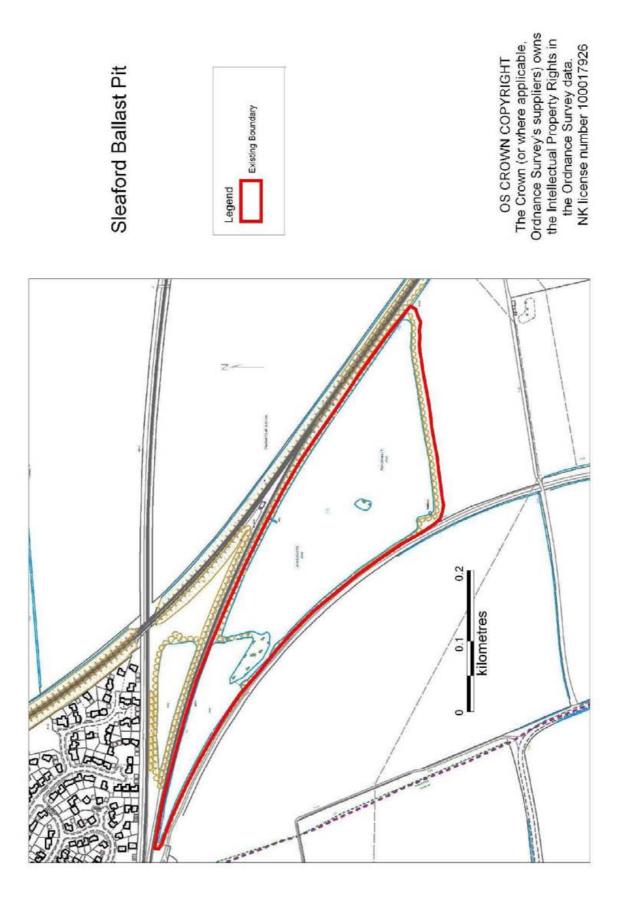
Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Sleaford Ballast Pit		17/09/2009			
Scientific Name	Common Name	DAFOR Score			
Achillea millefolium	Yarrow	0	DAFOR Scale		
Anthriscus sylvestris	Cow Parsley	0	D = Dominant		
Arctium minus	Lesser Burdock	0	A = Abundant		
Brachypodium sylvaticum	Wood False-brome	0	F = Frequent		
Carex hirta	Hairy Sedge	0	O = Occasional		
Centaurea nigra	Common Knapweed	0	R = Rare		
Cirsium arvense	Creeping Thistle	0			
Conyza canadensis	Canadian Fleabane	0	L = Locally		
Cornus sanguinea	Dogwood	0	(P) = Planted		
Crataegus monogyna	Hawthorn	F			
Dactylis glomerata	Cock's-foot	0			
Eupatorium cannabinum	Hemp Agrimony	0			
Festuca rubra	Red Fescue	F	1		
Fraxinus excelsior	Ash	F	1		
Glechoma hederacea	Ground-ivy	F	1		
Hedera helix ssp. helix	Common Ivy	0	1		
Heracleum sphondylium	Hogweed	F	1		
Hypericum perforatum	Perforate St John's-wort	0	1		
Juncus inflexus	Hard Rush	F	1		
Lamium album	White Dead-nettle	0	1		
Leucanthemum vulgare	Oxeye Daisy	0	1		
Linaria vulgaris	Common Toadflax	0	1		
Lotus pedunculatus	Greater Bird's-foot-trefoil	F	1		
Lycopus europaeus	Gypsywort	F	1		
Malus domestica	Apple O		1		
Malva sylvestris	Common Mallow				
Mentha aquatica	Water Mint	F	1		
Nuphar lutea	Yellow Water-lily	0	1		
Phragmites australis	Common Reed	LD	1		
Plantago lanceolata	Ribwort Plantain	0	1		
Plantago major	Greater Plantain	0	1		
Potentilla anserina	Silverweed	0	1		
Potentilla reptans	Creeping Cinquefoil	0	1		
Prunus spinosa	Blackthorn	0	1		
Quercus robur	Pedunculate Oak	0	1		
Ranunculus acris	Meadow Buttercup	0	1		
Ranunculus repens	Creeping Buttercup	0	1		
Rosa arvensis	Field-rose	0	1		
Rubus fruticosus agg.	Bramble	0	1		
Salix caprea	Goat Willow	F	-		
Salix cinerea	Grey Willow	LD	1		
Salix fragilis	Crack-willow	0	1		
Salix viminalis	Osier	0	-		
Salix × sepulcralis	Weeping Willow	0	-		
Silene latifolia	White Campion	0	-		
Taraxacum agg.	Dandelion	0	-		
Torilis japonica	Upright Hedge-parsley	0	-		
Veronica chamaedrys	Germander Speedwell	0	-		
Viburnum opulus	Guelder-rose	0	-		



Grid Square TF06

Site Summary				
Site Name	Cliff Farm Footpaths			
Grid ref.	TF007680 - TF025690			
Area (ha.)	1.4			
Parish	Washingborough			
District	North Kesteven			

Existing	Site of Nature Conservation Importance (SNCI)			
Status	Entry Level Environmental Stewardship (ELS) Approximately 1 km of			
	the west section of the site is included along with the adjacent fields.			

Selection	NG1: Semi-natural neutral grassland at least 0.1 ha. in extent , or linear			
Criteria Met	areas at least 50m long, with a minimum species index score of 8			
	CG1: Semi-natural calcareous grassland at least 0.1ha in extent, or			
	linear areas at least 50m long, with a minimum species index score of 8.			
	Comment: Whilst the site did contain a sufficient number of species			
	from table 8 to qualify under Sw2 all these species were associated with			
	the stream and not with any swamp, marsh or fen habitats.			

Species	Eight species from Table 2 of the Local Wildlife Site Guidelines for						
Index score	designation of neutral grassland were present on site.						
	Alopecurus pratensis	opecurus pratensis Galium verum Poa pratensis					
	Centurea nigra	Lathyrus pratensis Trisetum flavescens					
	Filipendula ulmaria	a ulmaria Lotus corniculatus					

Species	Nine species from Table 3 of the Local Wildlife Site Guidelines for						
Index score	designation of calcareous grassland were present on site.						
	Brachypodium Centaurea scabiosa Knautia arvensis						
	pinnatum	atum					
	Bromopsis erecta	Daucus carota Lotus corniculatus					
	Centurea nigra	urea nigra Galium verum Trisetum flavescens					

Additional	The floral interest of the site is restricted to very narrow verges which
comments	are present throughout the site. The western sub-division was the only
	one to qualify individually with all nine calcareous species present here.
	However all sub-divisions are of interest and support good numbers of
	grassland species.

Site name	Grid reference	Grid reference							
	Т	F	0	0	7	6	8	0	
Cliff Farm Footpaths	Т	F	0	2	4	6	9	0	Lincolnshire
Site sub-division	Da	Date					Environmental		
	0	1		0	7	0)	8	Records
	0	1		1	0	0)	9	Centre
Recorder(s)	Ti	Time on site							
Tim Inskipp, Alex Prendergast			2	hrs		45	mi	ns	

Woodland – semi-nat / plantation	
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	Α
Calcareous Grassland – Unimp / Semi-imp	Μ
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Heathland / Acid Peatland	
Bracken	

Running Water	Α
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	х
Terrain / Vegetation	
Dogs / Grazing / Game	

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Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	х

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

The site comprises the verges of a footpath/farm track which runs east-west between the B1188, just south of Ashfield Cottage Farm (TF007681) to Washingborough Top Farm, then on through Cliff Farm (TF018689) and east to Branston Road (length 1.5 km), There is also a short stretch of path edged by a stream which runs from Cliff Farm south to TF019683 (length 0.65 km).

Across the whole site nine calcareous indicator species were recorded (tor-grass *Brachypodium pinnatum*, upright brome *Bromopsis erecta*, common knapweed *Centaurea nigra*, greater knapweed *Centaurea scabiosa*, wild carrot *Daucus carota*, lady's bedstraw *Galium verum*, field scabious *Knautia arvensis*, common bird's-foot-trefoil *Lotus corniculatus* and yellow oat-grass *Trisetum flavescens*) and eight neutral grassland species (common knapweed, lady's bedstraw, common bird's-foot-trefoil, yellow oat-grass, meadowsweet *Filipendula ulmaria*, meadow vetchling *Lathyrus pratensis*, meadow foxtail *Alopecurus pratensis* and smooth meadow-grass *Poa pratensis*), however of these, only common knapweed was frequent.

<u>East:</u> This section of the site which runs east from Cliff Farm to Branston Road. Cliff Farm itself has some large trees bordering the path but most of the track to the east was bounded by crop fields – a short non-mown stretch on the south side just above the farm had a wider verge flanking a dry ditch and with a hedge on the outside. Seven calcareous grassland species and six neutral grassland species were recorded here. Other species of interest present include Venus's looking-glass *Legousia hybrida* (recorded by the previous survey, and found in some quantity at TF 02275 69045), treacle mustard *Erysimum cheiranthoides* and dwarf spurge *Euphorbia exigua* (neither apparently previously recorded recently in TF06).

<u>West:</u> The path on the stretch west from Cliff Farm supports some of the most forb-rich grassland including all nine calcareous species present across the site and seven of the neutral grassland species recorded. On the south/east side, as far as Washingborough Top Farm, the verge was bounded by a hedge (mixed, but predominantly hawthorn *Crataegus monogyna*). On the north/west side the verge was bounded by crop fields and some scattered bushes. Other species recorded from this part of the site were hedge bedstraw *Galium mollugo*, and a pink-flowered form of yarrow *Achillea millefolium*.

<u>South:</u> The path, south of Cliff Farm had a small stream running along its east side and crop fields on the west side. The verges here supported few grassland species of interest however the stream and its banks did include several damp grassland species common to swamp, marsh and fen habitats although no true examples of any of these habitat types were present. Significant species included reed canary-grass *Phalaris arundinacea*, common reed *Phragmites australis*, water figwort *Scrophularia auriculata*, branched bur-reed *Sparganium erectum*, water forget-me-not *Myosotis scorpioides* and hemp agrimony *Eupatorium cannabinum*.

Not many animal species were recorded: 15 species of birds included tree sparrow *Passer montanus* nesting in a barn at Cliff Farm; reed bunting *Emberiza schoeniclus*, yellowhammer *Emberiza citrinella*, skylark *Alauda arvensis*, goldfinch, *Carduelis carduelis* wren *Troglodytes troglodytes* and dunnock *Prunella modularis* singing; a whitethroat *Sylvia communis* alarming and six linnets *Carduelis cannabina*. A dead brown rat *Rattus norvegicus* and a dead mole *Talpa europaea* were the only evidence of mammals. Meadow brown *Maniola jurtina* and small tortoiseshell *Aglais urticae* were fairly common and one brimstone moth *Opisthograptis luteolata* was noted.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	

Anthills	
Bare ground	х
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	х
Access / visibility	
Educational potential	

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

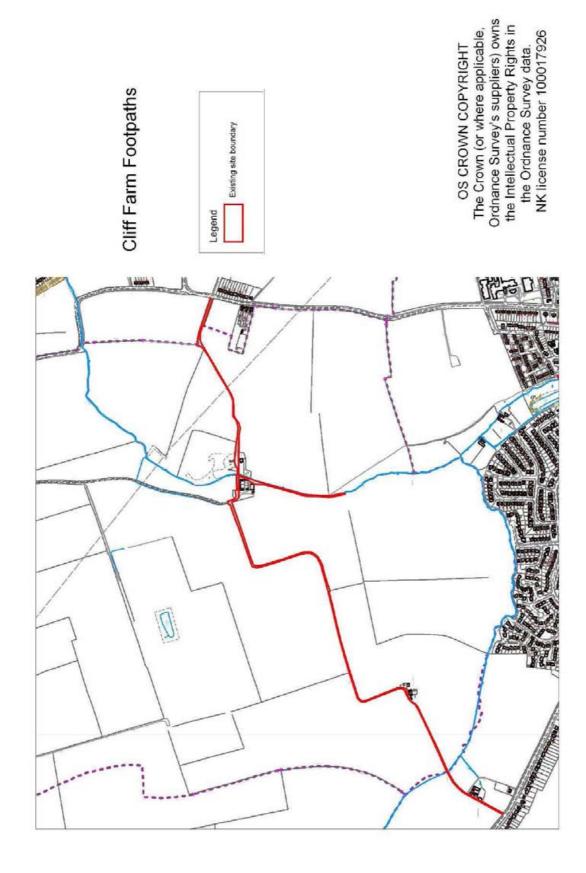
Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Cliff Farm Footpaths			01/10/2	009	01/07/2008	
Scientific Name	Common Name	s	w	Е	DAFOR Score	
Acer campestre	Field Maple	x	x		0	DAFOR Scale
Acer pseudoplatanus	Sycamore	х			R	D = Dominant
Achillea millefolium	Yarrow	х	х	х	0	A = Abundant
Aethusa cynapium	Fool's Parsley		х		F	F = Frequent
Agrostis capillaris	Common Bent	х	х	х	F	O = Occasional
Agrostis stolonifera	Creeping Bent	х			0	R = Rare
Alliaria petiolata	Garlic Mustard	х	х		R	
Alopecurus myosuroides	Black-grass				0	L = Locally
Alopecurus pratensis	Meadow Foxtail		х		R	(P) = Planted
Anagallis arvensis	Scarlet Pimpernell		х		R	
Anchusa arvensis	Bugloss		х		R	
Anisantha sterilis	Barren Brome	х	х		F	
Anthriscus sylvestris	Cow Parsley	х	х	х	0	
Apium nodiflorum	Fool's-water-cress	х			F	
Arctium minus	Lesser Burdock	х	х		0	
Arrhenatherum elatius	False Oat-grass	х	х	х	A	
Artemisia vulgaris	Mugwort	х	х	х	R	
Arum maculatum	Lords-and-Ladies	х		х	R	
Atriplex patula	Common Orache		х		R	
Avena fatua	Wild-oat		х		0	
Ballota nigra	Black Horehound		х		0	
Barbarea vulgaris	Winter-cress		х		0]
Bellis perennis	Daisy			х	0	
Brachypodium pinnatum	Tor-grass		х	х	0	
Brachypodium sylvaticum	Wood False-brome	х		х	0]
Brassica rapa	Turnip	х	х		R	
Bromopsis erecta	Upright Brome		х		R	

Cliff Farm Footpaths		01/10/2009			01/07/2008
Scientific Name	Common Name	s	w	E	DAFOR Score
Bromus hordeaceus	Soft-brome		x		R
Bryonia dioica	White Bryony	x	~	x	0
Capsella bursa-pastoris	Shepherd's-purse		х	x	0
Carduus nutans	Musk Thistle	x	x	~	0
Bromopsis erecta	Common Knapweed	x	x	x	F
Centaurea scabiosa	Greater Knapweed		x	~	0
Cerastium arvense	Field Mouse-ear		x		R
Chaerophyllum temulum	Rough Chervil	x	x		0
Chenopodium album	Fat-hen	^	x		0
Cirsium arvense	Creeping Thistle	x	x	x	F
Cirsium vulgare	Spear Thistle	^	x	~	0
Convolvulus arvensis	Field Bindweed	х	x	x	0
Coronopus squamatus	Swine-cress	x	x	^	R
Crataegus monogyna	Hawthorn	x	x		A
Crepis capillaris	Smooth Hawk's-beard	x	^	x	R
Crepis vesicaria	Beaked Hawk's-beard	^	x	^	R
	Cock's-foot	v		v	F
Dactylis glomerata Daucus carota	Cock S-1001	X	X	X	R
	Common Couch	v	X	X	F
Elytrigia repens		X	х	~	F
Epilobium hirsutum	Great Willowherb	X	~	X	P O
Equisetum arvense	Field Horsetail		Х		
Erysimum cheiranthoides	Treacle-mustard			X	R
Eupatorium cannabinum	Hemp Agrimony	Х			0
Euphorbia exigua	Dwarf Spurge			X	R O
Euphorbia helioscopia	Sun Spurge		Х	X	-
Fagus sylvatica	Beech Black binduced	X		Х	R
Fallopia convolvulus	Black-bindweed	X			F
Festuca rubra	Red Fescue		X	X	
Filipendula ulmaria	Meadowsweet	X	Х	X	0
Fraxinus excelsior	Ash	Х		X	0
Fumaria officinalis	Common Fumitory		X		R
Galium aparine	Cleavers		Х		F
Galium mollugo	Hedge Bedstraw		X		F
Galium verum	Lady's Bedstraw		Х	X	R
Geranium dissectum	Cut-leaved Crane's-bill		Х		0
Geranium molle	Dove's-foot Crane's-bill		Х		R
Geranium pusillum	Small-flowered Crane's-	x		x	R
Geranium pyrenaicum	Hedgerow Crane's-bill	x		^	0
Geranium robertianum	Herb-Robert	x	x	x	0
Glechoma hederacea	Ground-ivy	x	x	x	0
Hedera helix	Common Ivy				F
Heracleum sphondylium	Hogweed	X X	x x	x x	F
Holcus lanatus	Yorkshire-fog			<u>^</u>	0
Hordeum murinum	Wall Barley	X	x x	x	0
Hordeum vulgare	Common Barley		X	^	R
Knautia arvensis	Field Scabious			v	0
Lamium album	White Dead-nettle	~	X	X	0
Lapsana communis	Nipplewort	X	X	X	0
-	Meadow Vetchling	X	v		R
Lathyrus pratensis		-	X		
Legousia hybrida	Venus's-looking-glass	1		Х	R

Cliff Farm Footpaths		01/10/2009			01/07/2008
Scientific Name	Common Name	s	w	E	DAFOR Score
Leontodon autumnalis	Autumn Hawkbit		x	X	0
Ligustrum vulgare	Wild Privet	x	x	~	0
Lolium perenne	Perennial Rye-grass	x	x	v	F
	Common Bird's-foot-	X X X		^	
Lotus corniculatus	trefoil		x	x	R
Malva sylvestris	Common Mallow	х	х		0
Matricaria discoidea	Pineappleweed		х		F
Matricaria recutita	Scented Mayweed		x		0
Medicago lupulina	Black Medick	x	X		0
Myosotis scorpioides	Water Forget-me-not	x			0
Papaver rhoeas	Common Poppy		x		0
Persicaria amphibia	Amphibious Bistort	x	~		R
Persicaria lapathifolia	Pale Persicaria	X			R
Persicaria maculosa	Redshank	x			F
Phalaris arundinacea	Reed Canary-grass	x			0
Phleum bertolonii	Smaller Cat's-tail	~	x		0
Phragmites australis	Common Reed	x	^		0
Plantago lanceolata	Ribwort Plantain	x	x	x	F
Plantago major	Greater Plantain	X	x	X	F
Poa annua	Annual Meadow-grass	1			0
	Smooth Meadow-grass	X	X	X	F
Poa pratensis Poa trivialis	Ĵ	v		X	F
	Rough Meadow-grass	X			0
Polygonum aviculare	Knotgrass	X		Х	0
Potentilla anserina	Silverweed	X			
Potentilla reptans	Creeping Cinquefoil	Х	Х	X	0
Prunella vulgaris	Selfheal	X	X	X	O F
Prunus spinosa	Blackthorn	X	X	X	
Quercus robur	Pedunculate Oak	X	Х	X	R
Ranunculus repens	Creeping Buttercup	Х	Х	Х	F
Rorippa nasturtium- aquaticum	Water-cress	x			0
Rosa arvensis	Field-rose			v	LF
Rosa canina	Dog Rose	x x		X	0
Rubus fruticosus agg.	Bramble			X	F
Rubus rulicosus agg. Rubus caesius		X	v	X	0
	Dewberry Curled Dock		X	X	0
Rumex crispus Rumex obtusifolius		~	Х	X	_
Salix fragilis	Broad-leaved Dock	X		X	O R
0	Crack-willow	X		~	
Sambucus nigra	Elder	X		X	0
Scrophularia auriculata	Water Figwort	X			0
Senecio jacobaea	Common Ragwort	X	X	X	0
Senecio vulgaris	Groundsel	Х	Х	X	0
Silene latifolia	White Campion	Х	Х	X	F
Sinapis arvensis	Charlock	+	X	X	0
Sisymbrium officinale	Hedge Mustard	Х	Х	X	0
Solanum dulcamara	Bittersweet	Х			R
Sonchus asper	Prickly Sow-thistle		Х	Х	R
Sonchus oleraceus	Smooth Sow-thistle		Х	Х	R
Sparganium erectum	Branched Bur-reed	Х			0
Stachys sylvatica	Hedge Woundwort	Х			F
Symphoricarpos albus	Snowberry	х			R

Cliff Farm Footpaths		0	01/10/2009		01/07/2008
Scientific Name	Common Name	s	w	E	DAFOR Score
Tamus communis	Black Bryony				0
Taraxacum agg.	Dandelion	х	х	х	0
Torilis nodosa	Knotted Hedge-parsley		х	х	0
Tragopogon pratensis	Goat's-beard			х	0
Trifolium campestre	Hop Trefoil		х	х	R
Trifolium dubium	Lesser Trefoil		х	х	0
Trifolium hybridum	Alsike Clover			х	R
Trifolium pratense	Red Clover	х	х	х	R
Trifolium repens	White Clover	х	х	х	F
Tripleurospermum inodorum	Scentless Mayweed		х	х	0
Trisetum flavescens	Yellow Oat-grass		х	х	0
Triticum aestivum	Bread Wheat			х	R
Ulmus glabra	Wych Elm	х	х	х	R
Ulmus minor	Small-leaved Elm	х	х	х	0
Urtica dioica	Common Nettle	х		х	F
Urtica urens	Small Nettle		х	х	R
Veronica chamaedrys	Germander Speedwell	х	х	х	0
	Common Field-				
Veronica persica	speedwell		х	х	0
Veronica polita	Grey Field-speedwell		х	х	R
Vicia cracca	Tufted Vetch			х	R
Viola arvensis	Field Pansy	х	х	х	F
Viola odorata	Sweet Violet	х		х	R



	Site Summary			
Site Name	Waneham Bridge Meadow			
Grid ref.	TF052621			
Area (ha.)	4.99			
Parish	Dunston			
District	North Kesteven			

Existing	Site of Nature Conservation Importance (SNCI)
Status	

Selection	Sw2: Other swamp, marsh and fen at least 0.5 ha in extent, with a			
Criteria Met	minimum species index score of 8			
	Comment : Despite being fairly dry at the time of survey this site still had			
	a sufficient number of marsh species to qualify.			

Species	Nine species from Table 8 of the Local Wildlife Site Guidelines for							
Index score	designation of Swamp, Marsh and Fen were present on site.							
	Equisetum palustre	Equisetum palustre Lythrum salicaria Phalaris arundinacea						
	Eupatorium	Mentha aquatica	Phragmites australis					
	cannabinum							
	Filipendula ulmariaMyosotis scorpioidesRanunculus flammula							

Additional	Despite being dry at the time of survey the site still retained a number of			
comments	swamp, marsh and fen species. With management as a water meadow			
	the diversity would be expected to increase.			

Site name	G	rid	refe	erer	ice				
Waneham Bridge Meadow	Т	F	0	5	2	6	2	1	Lincolnshire
Site sub-division	Da	ate							Environmental
	2	C)	0	8	0		9	Records
Recorder(s)	Ti	me	on	site	9				Centre
Alex Prendergast						~~	-		Centre
			1 h	nrs		30	mi	ns	

Woodland – semi-nat / plantation	
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	Ν
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	А
Spring / Flush / Blow Well	
Standing Water / Pond	А
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

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Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

Also known as "Waneham Hollow" this is an old winter-flooded water meadow which has suffered from the excessive drainage of the surrounding landscape. Dunston Beck runs along the northern edge of the site, however at the time of survey the water was approximately one metre below the average ground level of the site.

At present the site is dominated by a mix of common grasses: Yorkshire fog *Holcus lanatus*, false oat-grass *Arrhenatherum elatius* and creeping bent *Agrostis stolonifera*. Various species across the site point at its damper past including hairy sedge *Carex hirta*, glaucous sedge *Carex flacca*, tufted hair-grass *Deschampsia cespitosa* and marsh horsetail *Equisetum palustre*.

Two pools on the site appear to be becoming increasingly small and dry. Re-excavation of the drier pool (with a shallow profile) would be of significant wildlife benefit. Species present here include soft rush *Juncus effusus*, hard rush *Juncus inflexus* and lesser spearwort *Ranunculus flammula*.

The banks of the beck along the length of the site support a reasonably good mix of damp grassland species, which probably would have once covered the entire site. Species of note present on the banks include hemp agrimone *Eupatorium cannabinum*, meadowsweet *Filipendula ulmaria*, purple loosestrife *Lythrum salicaria*, water mint *Mentha aquatica*, corn mint *Mentha arvensis*, water forget-me-not *Myosotis scorpioides* and watercress *Rorippa nasturtium-aquaticum*. Grey willow *Salix cinerea* also grows in the water and asparagus *Asparagus officinalis* higher on the bank.

The mixed hedge along the southern edge of the site includes species such as field maple Acer campestre, alder Alnus glutinosa, wild plum Prunus domestica and oak Quercus robur.

Incidental records of fauna from the site include brown hare *Lepus europaeus*, mole *Talpa europaea*, rabbit *Oryctolagus cuniculus*, pheasant *Phasianus colchicus*, swallow *Hirundo rustica*, speckled wood *Pararge aegeria* and peacock *Inachis io*.

It is suggested that the site is managed as a water meadow. Creating a permanently higher water table and allowing the site to flood through the winter would greatly benefit the flora of the site. Grazing stock (cattle, ponies, sheep) can be put on the site while it is dry in the summer, or the vegetation left for hay with aftermath grazing by hardy cattle. With a higher water table a natural flora should soon re-establish from the soil seedbank and remaining permanently damp areas of the site.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	

Appropriate management	
Inappropriate management	х
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

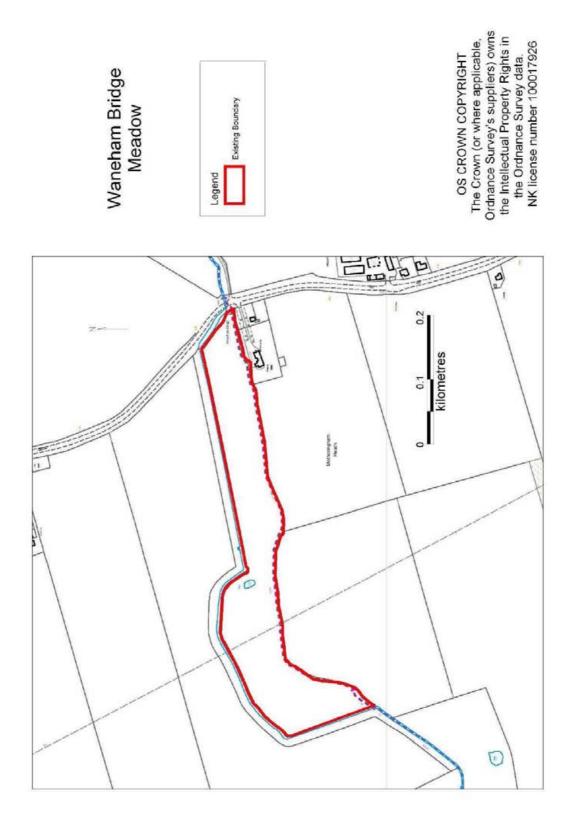
No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	Х
Access / visibility	
Educational potential	

Silage / hay / hay with grazing	Х
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	х
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Waneham Bridge Meadow		20/08/2009	
Scientific Name	Common Name	DAFOR Score	1
Acer campestre	Field Maple	LF	DAFOR Scale
Agrostis stolonifera	Creeping Bent	D	D = Dominant
Alnus glutinosa	Alder	LF	A = Abundant
Anthriscus sylvestris	Cow Parsley	0	F = Frequent
Arctium minus	Lesser Burdock	R	O = Occasional
Arrhenatherum elatius	False Oat-grass	D	R = Rare
Asparagus officinalis	Garden Asparagus	R	
Betula pendula	Silver Birch	LF	L = Locally
Betula pubescens	Downy Birch	LF	(P) = Planted
Carex flacca	Glaucous Sedge	LF	
Carex hirta	Hairy Sedge	F	
Cirsium arvense	Creeping Thistle	0	
Cirsium vulgare	Spear Thistle	0	
Crataegus monogyna	Hawthorn	LF	
Crataegus x media	Hawthorn	LF	
Dactylis glomerata	Cock's-foot	Α	
Deschampsia cespitosa	Tufted Hair-grass	LF	
Epilobium hirsutum	Great Willowherb	LF	
Equisetum arvense	Field Horsetail	F	
Equisetum palustre	Marsh Horsetail	F	
Eupatorium cannabinum	Hemp Agrimony	LF	
Festuca rubra	Red Fescue	F	
Filipendula ulmaria	Meadowsweet	LF	
Heracleum sphondylium	Hogweed	F	
Holcus lanatus	Yorkshire-fog	F	
Juncus effusus	Soft-rush	F	
Juncus inflexus	Hard Rush	F	
Ligustrum vulgare	Wild Privet	LF	
Lythrum salicaria	Purple-loosestrife	LF	
Mentha aquatica	Water Mint	LF	
Mentha arvensis	Corn Mint	LF	
Myosotis scorpioides	Water Forget-me-not	LF	
Phalaris arundinacea	Reed Canary-grass	LF]
Phragmites australis	Common Reed	LF	1

Waneham Bridge Meadow		20/08/2009
Scientific Name	Common Name	DAFOR Score
Prunus domestica	Wild Plum	LF
Prunus spinosa	Blackthorn	LF
Quercus robur	Pedunculate Oak	LF
Ranunculus flammula	Lesser Spearwort	LF
Ranunculus repens	Creeping Buttercup	LF
Rorippa nasturtium-aquaticum	Water-cress	LF
Salix cinerea	Grey Willow	LF
Sambucus nigra	Elder	LF
Sonchus arvensis	Perennial Sow-thistle	0
Taraxacum agg.	Dandelion	0
Trifolium dubium	Lesser Trefoil	0
Urtica dioica	Common Nettle	F



Site Summary		
Site Name	Long Holt East	
Grid ref.	TF064653	
Area (ha.)	1.16	
Parish	Nocton	
District	North Kesteven	

Existing	Site of Nature Conservation Importance (SNCI)		
Status	County Wildlife Site (CWS) in North Kesteven Local Plan		
	Ancient Semi-Natural Woodland.		

Selection	WD1/1a: All semi-natural or ancient replanted woodland listed in Natural		
Criteria Met	England's Ancient Woodland Inventory		
	Comment: The entire site is included as semi-natural ancient woodland		
	(1.22ha).		

Species	12 species from Table 1 of the Local Wildlife Site Guidelines for		
Index score	designation of woodland were present on site.		
	Adoxa moschatellina	Hyacinthoides non- scripta	Primula vulgaris
	Anemone nemorosa	Mercurialis perennis	Prunus avium
	Conopodium majus	Milium effusum	Stellaria holostea
	Euonymus europaeus	Poa nemoralis	Viola reichenbachiana

Additional	This woodland has retained a diverse flora for such a small area of
comments	woodland. The woodland indicator Galium odoratum was recorded
	during the 1983 survey and may still be present:

Site name	Gi	id	ref	erer	nce		-		
Long Holt East	Т	F	0	6	4	6	5	3	Lincolnshire
Site sub-division	Da	ate	-						Environmental
	0	9)	0	4	0		9	Records
Recorder(s)	Ti	me	on	site	9				Centre
Alex Prendergast			0	nrs		45	mi	ns	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

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Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

A narrow strip of ancient woodland dominated by wild cherry Prunus avium and dense re-growth of English elm Ulmus procera, some of which is beginning to form semi-mature trees (presumably following an attack of Dutch elm disease). Ash Fraxinus excelsior is occasional. Field maple Acer campestre is present as a few gnarled old trees. The eastern end is a plantation of pedunculate oak Quercus robur. Oak is also present as stunted old coppiced specimens on the southern boundary. A few sycamore Acer pseudoplatanus, chestnut Castanea sativa and horse chestnut Aesculus hippocastanum are established. The shrub layer is dominated by young wild cherry and elm re-growth but also contains hawthorn Crataegus monogyna, hybrid hawthorn Crataegus × media, wild privet Ligustrum vulgare and spindle Euonymus europaeus.

The field layer is rich in ancient woodland indicator species including moschatel Adoxa moschatellina, wood anemone Anemone nemorosa, pignut Conopodium majalis, bluebell Hyacinthoides non-scripta, dog's mercury Mercurialis perennis, wood millet Milium effusum, wood meadow-grass Poa nemoralis, primrose Primula vulgaris, greater stitchwort Stellaria holostea and early dog violet Viola reichenbachiana.

The western part of Long Holt was also briefly looked at and appeared to be much the same as the eastern part but with planted wild cherry and pine Pinus sylvestris, and fewer ancient woodland indicator species, however sweet violet Viola odorata, redcurrant Ribes rubrum and ramsons Allium ursinum were additionally present.

Incidental fauna records include green woodpecker Picus viridis, pheasant Phasianus colchicus, muntjac deer Muntiacus reevesi, brown hare Lepus europaeus and a skylark Alauda arvensis singing over a field to the south of the wood.

Additional features

Veteran / pollarded trees	Х
Planted specimen trees	х
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	

Management

Appropriate management	
Inappropriate management	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

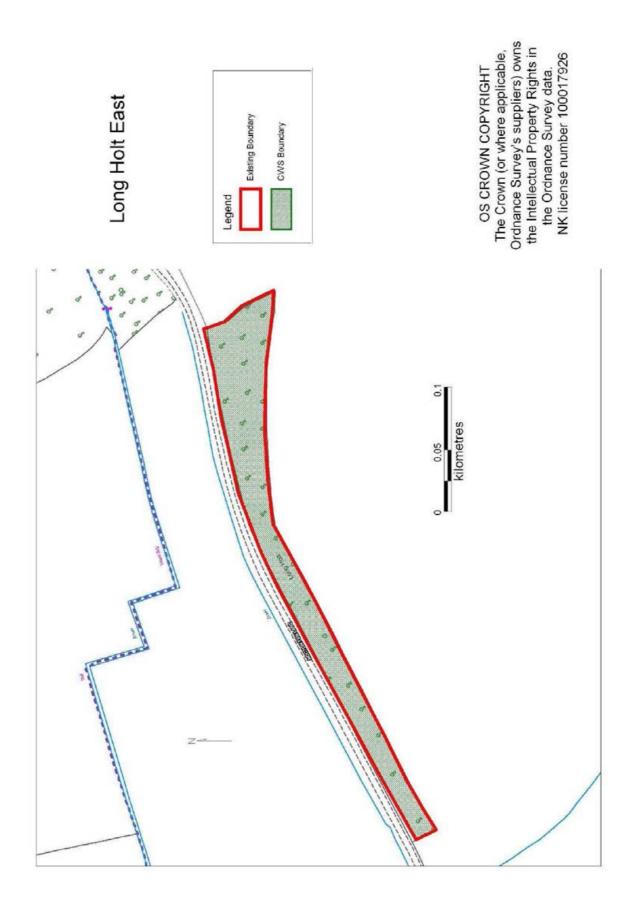
No grazing / cutting	Silage / hay / hay with grazing
Grazing by cattle	Mowing and non-removal

Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Long Holt East		09/04/2009	
Scientific Name	Common Name	DAFOR Score	
Acer campestre	Field Maple	0	DAFOR Scale
Acer pseudoplatanus	Sycamore	0	D = Dominant
Adoxa moschatellina	Moschatel	F	A = Abundant
Aesculus hippocastanum	Horse-chestnut	0	F = Frequent
Alliaria petiolata	Garlic Mustard	0	O = Occasional
Anemone nemorosa	Wood Anemone	А	R = Rare
Anthriscus sylvestris	Cow Parsley	F	
Arctium minus	Lesser Burdock	0	L = Locally
Arum maculatum	Lords-and-Ladies	0	(P) = Planted
Betula pubescens	Downy Birch	0	
Brachypodium sylvaticum	Wood False-brome	F	
Castanea sativa	Sweet Chestnut	0	
Conopodium majus	Pignut	F	
Crataegus monogyna	Hawthorn	F	
Crataegus x media	Hawthorn	F	
Euonymus europaeus	Spindle-tree	0	
Fraxinus excelsior	Ash	F	
Galium aparine	Cleavers	0	
Geranium robertianum	Herb-Robert	F	
Geum urbanum	Wood Avens	F	
Glechoma hederacea	Ground-ivy	F	
Hedera helix ssp. helix	Common Ivy	А	
Heracleum sphondylium	Hogweed	F	
Hyacinthoides non-scripta	Bluebell	А	
Ligustrum vulgare	Wild Privet	F	
Mercurialis perennis	Dog's Mercury	А	
Milium effusum	Wood Millet	F	
Narcissus agg.	Narcissus	F	
Poa nemoralis	Wood Meadow-grass	F	
Primula vulgaris	Primrose	F	
Prunus avium	Wild Cherry	D	
Prunus domestica	Wild Plum	F	
Ranunculus ficaria	Lesser Celandine	F	
Rosa arvensis	Field-rose	F	
Rubus fruticosus agg.	Bramble	F	
Rumex sanguineus	Wood Dock	F	
Silene dioica	Red Campion	F	
Stachys sylvatica	Hedge Woundwort	F	
Stellaria holostea	Greater Stitchwort	F	
Tilia x europaea	Lime	0	
Ulmus procera	English Elm	D	
Viola reichenbachiana	Early Dog-violet	0]



Site Summary			
Site Name	Potterhanworth Wood West		
Grid ref.	TF068666		
Area (ha.)	21.27		
Parish	Potterhanworth		
District	North Kesteven		

Existing	Site of Nature Conservation Importance (SNCI)
Status	Ancient Semi-Natural and Ancient Replanted Woodland.
	Woodland Grant Scheme.
	Higher Level Stewardship Agreement (HLS)

Selection	WD1/1a: All semi-natural or replanted ancient woodland listed in Natural
Criteria Met	England's Ancient Woodland Inventory
	Sw2: Other swamp, marsh and fen at least 0.5 ha in extent, with a
	minimum species index score of 8
	Comment: The majority of the site is included as either semi-natural
	ancient woodland (3.97ha) or replanted ancient woodland (17.09ha)

Species	24 species from Table x of the Local Wildlife Site Guidelines for						
Index score	designation of woodland and parkland were present on site.						
	Athyrium filix-feminaGeum rivalePoa nemoralis						
	Carex remota	Hyacinthoides non-	Primula vulgaris				
		scripta					
	Carex sylvatica	ica Hypericum hirsutum Prunus avium					
	Cornus sanguinea	ea Hypericum tetrapterum Ranunculus					
		auricomus					
	Corylus avellana	Lamiastrum galeobdolon	Scrophularia nodosa				
		subsp. montanum					
	Dryopteris affinis	Lychnis flos-cuculi Stellaria holostea					
	Dryopteris carthusiana Lysimachia nummularia Tilia cordata						
	Euonymus europaeus	Mercurialis perennis	Viola reichenbachiana				

Species	8 species from Table 8 of the Local Wildlife Site Guidelines for						
Index score	designation of swamp, marsh and fen were present on site.						
	Angelica sylvestris Hypericum tetrapterum Myosotis scorpio						
	Filipendula ulmaria	a Lychnis flos-cuculi Scrophularia auricula					
	Geum rivale	Lysimachia nummularia					

Additional	Despite areas of plantation under which the ground flora very limited, this
comments	is overall a very diverse woodland with the majority of species being
	restricted to the broadleaved areas and along the damp rides.

Site name	G	Grid reference								
Potterhanworth Wood West	Т	F	-	0	6	8	6	6	6	Lincolnshire
Site sub-division	D	ate	Э	-		1				Environmental
	2		5		0	6	0)	9	Records
Recorder(s)	Т	im	e c	bn	site)				Centre
Alex Prendergast				3 h	rs		0	mi	ns	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

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Management Plan	
Advice being followed	
Woodland Grant Scheme	х
HLS / ELS / OEL	х
	73

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

An area of replanted woodland recovering from partial use as conifer and poplar plantation.

Ash *Fraxinus excelsior* dominates the broadleaved woodland element of the wood with some small-leaved lime *Tilia cordata*, pedunculate oak *Quercus robur* and wild cherry *Prunus avium*. Field maple *Acer campestre*, dogwood *Cornus sanguinea*, hazel *Corylus avellana*, hawthorn *Crataegus monogyna* and mountain ash *Sorbus aucuparia* are frequent in the shrub layer. Spindle *Euonymus europaeus* is occasional. A single wayfaring tree *Viburnum lantana* was recorded in a recently laid hedge on the western boundary.

The ground flora under the broadleaved trees is good, including ancient woodland indicator species such as lady fern *Athyrium filix-femina*, remote sedge *Carex remota*, wood sedge *Carex sylvatica*, scaly male-fern *Dryopteris affinis* ('cambrensis' and 'borrei'), narrow buckler fern *Dryopteris carthusiana*, bluebell *Hyacinthoides non-scripta*, yellow archangel *Lamiastrum galeobdolon* ssp. *montanum*, dog's mercury *Mercurialis perennis*, wood meadow-grass *Poa nemoralis*, primrose *Primula vulgaris*, common figwort *Scrophularia nodosa*, greater stitchwort *Stellaria holostea* and early dog violet *Viola reichenbachiana*.

Some areas of the wood are still dominated by plantation (of hybrid poplar *Populus* x *canadensis*, Lawson's cypress *Chamaecyparis lawsoniana*, Scots pine *Pinus sylvestris*, Norway spruce *Picea abies* and Western Hemlock-spruce *Tsuga heterophylla*). Here the ground flora is disturbed and dominated by nettles *Urtica dioica*.

Damp rides support species such as meadowsweet *Filipendula ulmaria*, marsh bedstraw *Galium palustre*, water avens *Geum rivale*, hairy St. John's wort *Hypericum hirsutum*, square-stalked St. John's wort *Hypericum tetrapterum*, greater bird's-foot-trefoil *Lotus pedunculatus*, creeping jenny *Lysimachia nummularia*, water forget-me-not *Myosotis scorpioides*, meadow buttercup *Ranunculus acris* and brooklime *Veronica beccabunga*.

Incidental records of fauna from the site include mole *Talpa europaea*, woodpigeon *Columba palumbus*, blackbird *Turdus merula*, wren *Troglodytes troglodytes*, blackcap *Sylvia atricapilla*, strawberry snail *Trichia striolata*, sevenspot ladybird Coccinella septempunctata, small white *Pieris rapae*, small tortoiseshell *Aglais urticae*, red admiral *Vanessa atalanta* and speckled wood *Pararge aegeria*.

The eastern section of Potterhanworth Wood was also briefly inspected. This wildwood remnant is dominated by tall small-leaved lime *Tilia cordata* with an understory including field maple and wild service tree *Sorbus torminalis* (four wild service trees were recorded in the eastern edge of this section). White admiral *Limenitis camilla* was recorded from the ride.

Additional features

Veteran / pollarded trees
Planted specimen trees
Standing / fallen dead wood
Sap runs on / holes in trees
Tussocky vegetation
Abundant nectar sources
Structural diversity

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

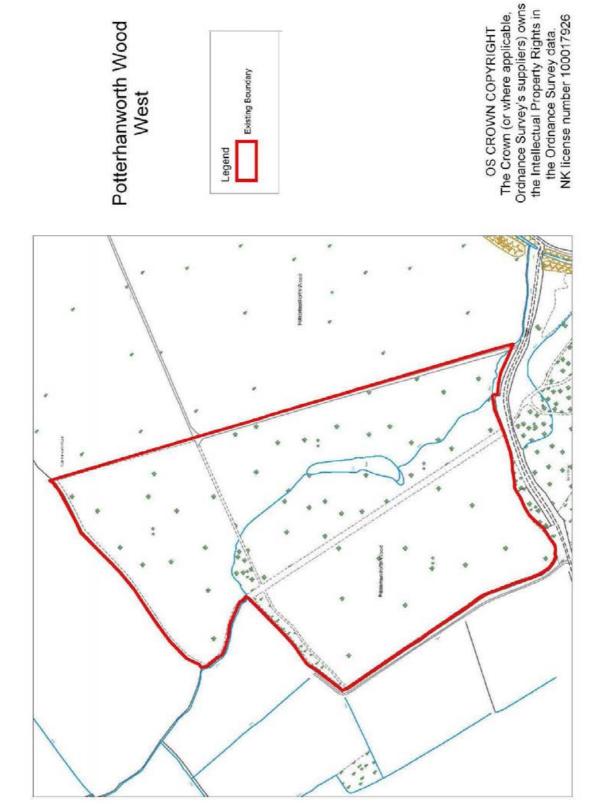
No grazing / cutting	Sila
Grazing by cattle	Mov
Grazing by sheep	Free
Grazing by horses	Fert
Grazing by rabbits	Exce
Other grazing	Off-I
Poaching	Fly t
Controlled burning	Inva

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Agrostis stoloniferaCreeping BentOD =Ajuga reptansBugleOA =Angelica sylvestrisWild AngelicaOF =Anthriscus sylvestrisCow ParsleyFO =Arctium minusLesser BurdockOR =Arrhenatherum elatiusFalse Oat-grassOIAthyrium filix-feminaLady-fernOL =Betula pubescensDowny BirchO(P)Brachypodium sylvaticumWood False-bromeO(P)Carex remotaRemote SedgeOCarex sylvaticaCerastium fontanumCommon Mouse-earOCChamaecyparis lawsonianaLawson's CypressOCChamerion angustifoliumRosebay WilliowherbOCCircaea lutetianaEnchanter's-nightshadeOC	FOR Scale
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Carex remotaRemote SedgeOCarex sylvaticaWood-sedgeOCerastium fontanumCommon Mouse-earOCeratocapnos claviculataClimbing CorydalisOChamaecyparis lawsonianaLawson's CypressOChamerion angustifoliumRosebay WilliowherbOCircaea lutetianaEnchanter's-nightshadeO	
Carex sylvaticaWood-sedgeOCerastium fontanumCommon Mouse-earOCeratocapnos claviculataClimbing CorydalisOChamaecyparis lawsonianaLawson's CypressOChamerion angustifoliumRosebay WilliowherbOCircaea lutetianaEnchanter's-nightshadeO	
Cerastium fontanumCommon Mouse-earOCeratocapnos claviculataClimbing CorydalisOChamaecyparis lawsonianaLawson's CypressOChamerion angustifoliumRosebay WilliowherbOCircaea lutetianaEnchanter's-nightshadeO	
Ceratocapnos claviculataClimbing CorydalisOChamaecyparis lawsonianaLawson's CypressOChamerion angustifoliumRosebay WilliowherbOCircaea lutetianaEnchanter's-nightshadeO	
Chamaecyparis lawsonianaLawson's CypressOChamerion angustifoliumRosebay WilliowherbOCircaea lutetianaEnchanter's-nightshadeO	
Chamerion angustifoliumRosebay WilliowherbOCircaea lutetianaEnchanter's-nightshadeO	
Circaea lutetiana Enchanter's-nightshade O	
5	
Cirsium palustre Marsh Thistle O	
Cirsium vulgare Spear Thistle O	
Cornus sanguinea Dogwood O	
Corylus avellana Hazel F	
Crataegus monogyna Hawthorn O	
Crataegus x media Hawthorn O	
Dactylis glomerata Cock's-foot O	
Deschampsia cespitosa Tufted Hair-grass O	
Dryopteris affinis subsp. borreri Scaly Male-fern O	
Dryopteris affinis subsp. cambrensis Scaly Male-fern O	
Dryopteris carthusiana Narrow Buckler-fern O	
Dryopteris dilatata Broad Buckler-fern O	
Dryopteris filix-mas Male-fern O	
Epilobium hirsutum Great Willowherb O	
Epilobium montanum Broad-leaved Willowherb O	
Euonymus europaeus Spindle-tree O	
Filipendula ulmaria Meadowsweet O	

Potterhanworth Wood West		25/06/2009
Scientific Name	Common Name	DAFOR Score
Fraxinus excelsior	Ash	D
Galeopsis tetrahit	Common Hemp-nettle	0
Galium aparine	Cleavers	0
Galium palustre	Marsh-bedstraw	0
Geranium robertianum	Herb-Robert	0
Geum rivale	Water Avens	R
Geum urbanum	Wood Avens	0
Geun urbanum Glyceria notata	Plicate Sweet-grass	R
Heracleum sphondylium	¥	0
Holcus mollis	Hogweed	0
	Creeping Soft-grass Bluebell	F
Hyacinthoides non-scripta		-
Hypericum hirsutum	Hairy St. John's-wort	0
Hypericum tetrapterum	Square-stalked St John's-wort	0
Juncus conglomeratus	Compact Rush	0
Juncus effusus	Soft-rush	0
Lamiastrum galeobdolon subsp. montanum	Vellow Archangel	0
	Yellow Archangel	0
Lapsana communis	Nipplewort	-
Lonicera periclymenum	Honeysuckle	0
Lotus pedunculatus	Greater Bird's-foot-trefoil	0
Lychnis flos-cuculi	Ragged-Robin	0
Lysimachia nummularia	Creeping-Jenny	0
Mercurialis perennis	Dog's Mercury	0
Myosotis scorpioides	Water Forget-me-not	0
Myosotis sylvatica	Wood Forget-me-not	0
Picea abies	Norway Spruce	LD
Pinus sylvestris	Scots Pine	LD
Plantago lanceolata	Ribwort Plantain	0
Plantago major	Greater Plantain	0
Poa nemoralis	Wood Meadow-grass	0
Poa trivialis	Rough Meadow-grass	0
Populus x canescens	Grey Poplar	LD
Populus x canadensis	Hybrid Poplar	LD
Potentilla erecta	Tormentil	0
Primula vulgaris	Primrose	0
Prunella vulgaris	Selfheal	0
Prunus avium	Wild Cherry	0
Prunus domestica	Wild Plum	0
Pteridium aquilinum	Bracken	F
Quercus robur	Pedunculate Oak	D
Ranunculus acris	Meadow Buttercup	0
Ranunculus auricomus	Goldilocks Buttercup	0
Ranunculus repens	Creeping Buttercup	0
Rosa arvensis	Field-rose	0
Rubus fruticosus agg.	Bramble	A
Rumex sanguineus	Wood Dock	F
Salix cinerea	Grey Willow	0
Sambucus nigra	Elder	F
Scrophularia auriculata	Water Figwort	0
Scrophularia nodosa	Common Figwort	0
Silene dioica	Red Campion	F
		L •

Potterhanworth Wood West		25/06/2009
Scientific Name	Common Name	DAFOR Score
Sorbus aucuparia	Rowan	0
Stachys sylvatica	Hedge Woundwort	F
Stellaria holostea	Greater Stitchwort	F
Stellaria media	Common Chickweed	0
Tamus communis	Black Bryony	R
Taraxacum agg.	Dandelion	0
Tilia cordata	Small-leaved Lime	R
Tsuga heterophylla	Western Hemlock-spruce	0
Ulmus minor	Small-leaved Elm	0
Urtica dioica	Common Nettle	0
Veronica beccabunga	Brooklime	0
Veronica chamaedrys	Germander Speedwell	0
Veronica serpyllifolia	Thyme-leaved Speedwell	0
Viburnum lantana	Wayfaring-tree	R
Vicia sativa	Common Vetch	0
Viola reichenbachiana	Early Dog-violet	0
Viola riviniana	Common Dog-violet	0



Site Summary				
Site Name	Top Barff			
Grid ref.	TF070652			
Area (ha.)	4.63			
Parish	Potterhanworth			
District	East Lindsey			

Existing	Site of Nature Conservation Importance (SNCI)
Status	Ancient Semi-Natural Woodland.

Selection	WD1/1a: All semi-natural or replanted ancient woodland listed in Natural		
Criteria Met	England's Ancient Woodland Inventory		
	Comment: The entire site is included as either semi-natural ancient		
	woodland (4.66ha).		

Species	13 species from Table 1 of the Local Wildlife Site Guidelines for					
Index score	designation of woodland were present on site.					
	Adoxa	Poa nemoralis				
	moschatellina					
	Allium ursinum	Hyacinthoides non-scripta	Primula vulgaris			
	Carex sylvatica	Mercurialis perennis	Prunus avium			
	Conopodium majalis	Milium effusum	Stellaria holostea			
	Corylus avellana					

Additional	Ancient woodland with good carpets of bluebells but very low		
comments	abundance of other ancient woodland indicator species which are		
	mainly restricted to the edges of the woodland.		

Recommendations
This site is recommended for designation as a Local Wildlife Site (LWS) following the
original SNCI boundary.

ite name	G	Grid reference							
Top Barff	Т	F	0	7	0	6	5	2	Lincolnshire
Site sub-division	Da	ate							Environmental
	0	g)	0	4	0		9	Records
Recorder(s)	Ti	me	on	sit	e				Centre
Alex Prendergast			1	hrs		0	mi	ins	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	Α

Running Water	Α
Spring / Flush / Blow Well	
Standing Water / Pond	Α
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	х
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

A woodland certainly of ancient origin but degraded in parts by invasive species and disturbance. The northern boundary is a ditch which runs alongside the road. The banks of this ditch support moschatel *Adoxa moschatellina*, ramsons *Allium ursinum* and sweet woodruff *Galium odoratum*. The northern part of the wood is composed of pedunculate oak *Quercus robur* standards with a very sparse shrub layer and a carpet of bluebells *Hyacinthoides non-scripta* in the field layer. To the west of the track bluebells are continuous but are patchy in the east where bramble *Rubus fruticosus* agg. dominates despite evident attempts to control it by cutting.

The central part of the wood appears to have been cleared in the past few decades and is now dominated by bracken *Pteridium aquilinum* and *Rhododendron ponticum*. There is also a small pond in this area but it is surrounded by dense scrub so access was not possible. Some trees (pedunculate oak, field maple *Acer campestre* and holly *llex aquifolium*) have been replanted in discrete areas. Re-establishment of a shrub layer (by planting native shrubs such as field maple, hawthorn *Crataegus* sp. and spindle *Euonymus europaeus*) is advised for the northern half of the wood to shade out the bramble and bracken and to allow the bluebells and other woodland axiophyte species to re-colonise. The rhododendrons should also be controlled.

Further south is an area of beech *Fagus sylvatica* plantation with some sycamore *Acer pseudoplatanus* and a continuous bluebell carpet, which merges with the most southerly area of woodland; a dense mix of sycamore, hawthorn *Crataegus monogyna*, hybrid hawthorn *Crataegus × media*, Austrian pine *Pinus nigra* and young pedunculate oaks with the field layer dominated by nettles *Urtica dioica*.

Although there is a range of woodland indicator species present, other than the bluebells, they are few in number and largely restricted to the edges and banks. Mosses recorded from the site include *Mnium hornum* and *Campylopus introflexus*.

Incidental records of fauna include dunnock *Prunella modularis*, red-legged partridge *Alectoris rufa*, blackbird *Turdus merula* and brown hare *Lepus europaeus*.

Additional features

Veteran / pollarded trees	
Planted specimen trees	Х
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	



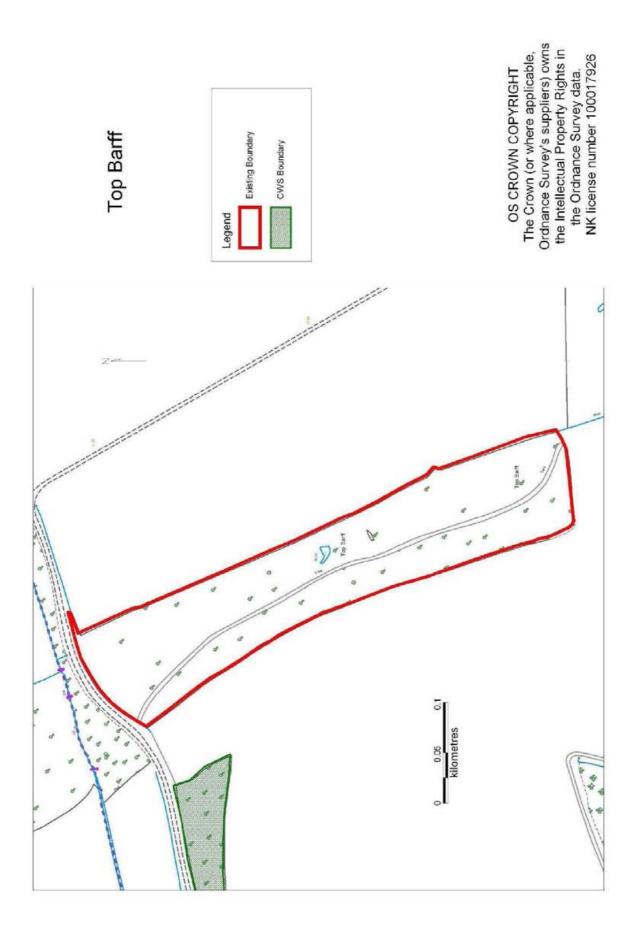
Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	х
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	

Top Barff		09/04/2009	
Scientific Name	Common Name	DAFOR Score	
Acer campestre	Field Maple	0	DAFOR Scale
Acer pseudoplatanus	Sycamore	0	D = Dominant
Adoxa moschatellina	Moschatel	LA	A = Abundant
Aesculus hippocastanum	Horse-chestnut	0	F = Frequent
Agrostis capillaris	Common Bent	F	O = Occasional
Alliaria petiolata	Garlic Mustard	0	R = Rare
Allium ursinum	Ramsons	LA	
Anthriscus sylvestris	Cow Parsley	F	L = Locally
Arum maculatum	Lords-and-Ladies	F	(P) = Planted
Brachypodium sylvaticum	Wood False-brome	F	
Carex sylvatica	Wood-sedge	F	
Ceratocapnos claviculata	Climbing Corydalis	F	
Chamaecyparis lawsoniana	Lawson's Cypress	LF	
Chamerion angustifolium	Rosebay Williowherb	F	
Cirsium arvense	Creeping Thistle	F	
Conopodium majus	Pignut	0	
Corylus avellana	Hazel	0	
Crataegus monogyna	Hawthorn	0	
Crataegus x media	Hawthorn	0	
Digitalis purpurea	Foxglove	0	
Fagus sylvatica	Beech	LF	
Filipendula ulmaria	Meadowsweet	0	
, Galium aparine	Cleavers	0	
Galium odoratum	Woodruff	LF	
Geranium robertianum	Herb-Robert	0	
Geum urbanum	Wood Avens	0	
Glechoma hederacea	Ground-ivy	0	
Hedera helix ssp. helix	Common Ivy	0	
Heracleum sphondylium	Hogweed	0	
Holcus lanatus	Yorkshire-fog	0	
Hyacinthoides non-scripta	Bluebell	A	
llex aquifolium	Holly	0	
Juncus effusus	Soft-rush	0	
Lapsana communis	Nipplewort	0	
Larix decidua	European Larch	0	
Mercurialis perennis	Dog's Mercury	F]
Milium effusum	Wood Millet	0	
Myosotis sylvatica	Wood Forget-me-not	0	
Pinus nigra	Austrian Pine	LD	
Poa annua	Annual Meadow-grass	0	
Poa nemoralis	Wood Meadow-grass	0	
Poa pratensis agg.	Meadow-grass	0]

Top Barff		09/04/2009
Scientific Name	Common Name	DAFOR Score
Poa trivialis	Rough Meadow-grass	0
Primula vulgaris	Primrose	0
Prunus avium	Wild Cherry	0
Prunus laurocerasus	Cherry Laurel	0
Pteridium aquilinum	Bracken	LD
Quercus robur	Pedunculate Oak	LD
Ranunculus ficaria	Lesser Celandine	0
Rhododendron ponticum	Rhododendron	0
Rubus fruticosus agg.	Bramble	А
Rumex obtusifolius	Broad-leaved Dock	0
Rumex sanguineus	Wood Dock	0
Sambucus nigra	Elder	0
Silene dioica	Red Campion	F
Sorbus aucuparia	Rowan	0
Stachys sylvatica	Hedge Woundwort	F
Stellaria holostea	Greater Stitchwort	0
Ulmus procera	English Elm	0
Urtica dioica	Common Nettle	F



Site Summary		
Site Name	Burnt Wood	
Grid ref.	TF070662	
Area (ha.)	12.92	
Parish	Potterhanworth	
District	North Kesteven	

Existing	Site of Nature Conservation Importance (SNCI)			
Status	Higher Level Stewardship Agreement (HLS)	igher Level Stewardship Agreement (HLS)		
	Ancient Replanted Woodland			
	Woodland Grant Scheme			

Selection	WD1/1a: All semi-natural or replanted ancient woodland listed in Natural		
Criteria Met	England's Ancient Woodland Inventory		
	Comment: The majority of this site is listed as replanted ancient		
	woodland (11.74ha)		

Species	21 species from Table 1 of the Local Wildlife Site Guidelines for			
Index score	designation of woodland were present on site.			
	Adoxa moschatellina	Dryopteris affinis	Poa nemoralis	
	Allium ursinum	Euonymus europaeus	Primula vulgaris	
	Anemone nemorosa	Geum rivale	Prunus avium	
	Carex remota	Hyacinthoides non- scripta	Scrophularia nodosa	
	Carex sylvatica	Lamiastrum galeobdolon ssp montanum	Stellaria holostea	
	Conopodium majalis	Mercurialis perennis	Viburnum opulus	
	Corylus avellana	Milium effusum	Viola reichenbachiana	

Additional	The following additional woodland indicators were recorded during the
comments	1982 survey and may still be present:
	Dactylorhiza fuchsii
	Lysimachia nemorum
	Valeriana officinalis
	The rare local subspecies of yellow archangel Lamiastrum galeobdolon
	ssp galeobdolon is also present.

Site name	Gr	Grid reference							
Burnt Wood	Т	F	0	7	0	6	6	2	Lincolnshire
Site sub-division	Da	te							Environmental
	0	8	;	0	4	0		9	Records
Recorder(s)	Ti	me	on	site	9				Centre
Alex Prendergast			2	hrs		0	mi	ns	

Wet Woodland Parkland / Wood-pasture / Orchard Scrub – scattered / dense Parkland / Wood-pasture / Orchard Neutral Grassland – Unimp / Semi-imp Calcareous Grassland – Unimp / Semi-imp Acid Grassland – Unimp / Semi-imp Damp Grassland / Marsh / Fen Purple Moor Grass and Rush Pasture Pasture		
Parkland / Wood-pasture / OrchardScrub - scattered / denseNeutral Grassland - Unimp / Semi-impCalcareous Grassland - Unimp / Semi-impAcid Grassland - Unimp / Semi-impDamp Grassland / Marsh / FenPurple Moor Grass and Rush Pasture	Woodland – semi-nat / plantation	Ν
Scrub – scattered / denseNeutral Grassland – Unimp / Semi-impCalcareous Grassland – Unimp / Semi-impAcid Grassland – Unimp / Semi-impDamp Grassland / Marsh / FenPurple Moor Grass and Rush Pasture	Wet Woodland	
Neutral Grassland – Unimp / Semi-impCalcareous Grassland – Unimp / Semi-impAcid Grassland – Unimp / Semi-impDamp Grassland / Marsh / FenPurple Moor Grass and Rush Pasture	Parkland / Wood-pasture / Orchard	
Calcareous Grassland – Unimp / Semi-impAcid Grassland – Unimp / Semi-impDamp Grassland / Marsh / FenPurple Moor Grass and Rush Pasture	Scrub – scattered / dense	
Acid Grassland – Unimp / Semi-imp Damp Grassland / Marsh / Fen Purple Moor Grass and Rush Pasture	Neutral Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen Purple Moor Grass and Rush Pasture	Calcareous Grassland – Unimp / Semi-imp	
Purple Moor Grass and Rush Pasture	Acid Grassland – Unimp / Semi-imp	
	Damp Grassland / Marsh / Fen	
	Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	Heathland / Acid Peatland	
Bracken	Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	Α
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

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Management Plan	
Advice being followed	
Woodland Grant Scheme	х
HLS / ELS / OEL	х

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

A replanted ancient woodland site previously owned by the Forestry Commission. There are some areas of broadleaved trees but the site is mostly coniferous (including Norway spruce *Picea abies*, Scots pine *Pinus sylvestris* and Douglas fir *Pseudotsuga menziesii*). The northern edge is of grey poplar *Populus* × *canescens* with some pedunculate oak *Quercus robur*. The remaining natural woodland is ash *Fraxinus excelsior* and pedunculate oak with hazel *Corylus avellana* coppice and some mountain ash *Sorbus aucuparia*. Hawthorn *Crataegus monogyna* and hybrid hawthorn *Crataegus* × *media* are frequent in the shrub layer and common elm *Ulmus procera* is present as patches of sucker re-growth. Holly *llex aquifolium* is frequent as seedlings. A single guelder rose *Viburnum opulus* was recorded from the southern edge. This apparently natural composition has been supplemented by recent planting of wild cherry *Prunus avium*, which may also be present as wild specimens. Silver birch *Betula pendula*, downy birch *Betula pubescens* and their hybrid *Betula* × *aurata* are frequent in disturbed areas on the edge of the plantation.

The most varied ground flora is restricted to the wide bank which runs along the eastern edge of the wood where it includes axiophyte species such as moschatel *Adoxa moschatellina*, wood anemone *Anemone nemorosa*, false brome *Brachypodium sylvaticum*, wood sedge *Carex sylvatica*, dog's mercury *Mercurialis perennis*, wood millet *Milium effusum*, wood meadow-grass *Poa nemoralis*, primrose *Primula vulgaris*, figwort *Scrophularia nodosa*, greater stitchwort *Stellaria holostea*, early dog violet *Viola reichenbachiana* and two subspecies of yellow archangel *Lamiastrum galeobdolon* ssp. *montanum* and the much rarer local *Lamiastrum galeobdolon* ssp. *galeobdolon*. Most of these species also occur sporadically throughout the wood.

Damp rides have in places been churned up by off-road vehicles, creating pools of standing water. These areas support remote sedge *Carex remota*, enchanter's nightshade *Circaea lutetiana*, meadowsweet *Filipendula ulmaria*, water avens *Geum rivale* and water forget-me-not *Myosotis scorpioides*. A single clump of pink *Primula* × *polyantha* (of garden origin) was recorded on a ride in the north.

Bluebell *Hyacinthoides non-scripta* carpets western parts of the wood. This species appears to have once been continuous over approximately half of the wood but is now largely shaded out by the conifers. Some possible hybrid bluebells *Hyacinthoides* × *mas* are also present although these are few. Much of the area of bluebell carpet appears to become dominated by *bracken Pteridium aquilinum* later in the season.

Mnium hornum and *Plagiomnium undulatum* are quite frequent throughout and a colony of common puffball *Lycoperdon pyriforme* was recorded near the centre of the wood (under pine).

Incidental fauna records include rabbit *Oryctolagus cuniculus*, peacock butterfly *Inachis io*, carrion crow *Corvus corone*, buzzard *Buteo buteo*, red-legged partridge *Alectoris rufa*, fox *Vulpes vulpes*, blackbird *Turdus merula*, woodpigeon *Columba palumbus*, comma *Polygonia c-album*, roe deer *Capreolus capreolus* and pheasant *Phasianus colchicus*.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	Х
Ride mowing (woodland)	
Non-intervention (woodland)	

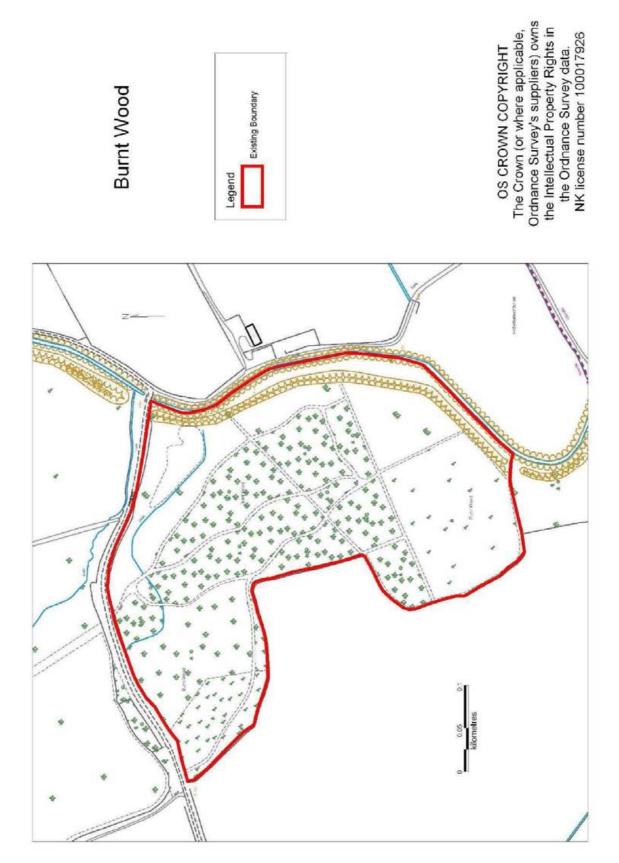
No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	х
Fly tipping / pollution / fires	
Invasive species	

Burnt Wood		08/04/2009	
Scientific Name	Common Name	DAFOR Score	
Acer campestre	Field Maple	0	DAFOR Scale
Adoxa moschatellina	Moschatel	LA	D = Dominant
Aegopodium podagraria	Ground Elder	LF	A = Abundant
Ajuga reptans	Bugle	F	F = Frequent
Alliaria petiolata	Garlic Mustard	0	O = Occasional
Allium ursinum	Ramsons	LA	R = Rare
Anemone nemorosa	Wood Anemone	LA	
Angelica sylvestris	Wild Angelica	F	L = Locally
Anthriscus sylvestris	Cow Parsley	F	(P) = Planted
Arctium minus	Lesser Burdock	F	
Arum maculatum	Lords-and-Ladies	F	
Betula pendula	Silver Birch	F	-
Betula pubescens	Downy Birch	F	
Betula x aurata	Hybrid Birch	0	
Brachypodium sylvaticum	Wood False-brome	F	-
Callitriche stagnalis	Common Water-starwort	R	-
Carex remota	Remote Sedge	0	
Carex sylvatica	Wood-sedge	0	-
Cerastium fontanum	Common Mouse-ear	R	-
Chamerion angustifolium	Rosebay Williowherb	F	-
Circaea lutetiana	Enchanter's-nightshade	F	-
Cirsium arvense	Creeping Thistle	0	-
Cirsium palustre	Marsh Thistle	0	
Conopodium majus	Pignut	LF	
Corylus avellana	Hazel	LF	
Crataegus monogyna	Hawthorn	F	
Crataegus x media	Hawthorn	F]
Dactylis glomerata	Cock's-foot	0	

Burnt Wood		08/04/2009
Scientific Name	Common Name	DAFOR Score
Deschampsia cespitosa	Tufted Hair-grass	0
Dryopteris affinis	Scaly Male-fern	0
Dryopteris dilatata	Broad Buckler-fern	F
Dryopteris filix-mas	Male-fern	0
	Square-stemmed	
Epilobium tetragonum	Willowherb	0
Euonymus europaeus	Spindle-tree	LF
Festuca rubra	Red Fescue	0
Filipendula ulmaria	Meadowsweet	0
Fraxinus excelsior	Ash	LD
Galium aparine	Cleavers	0
Geranium robertianum	Herb-Robert	0
Geum rivale	Water Avens	0
Geum urbanum	Wood Avens	0
Glechoma hederacea	Ground-ivy	F
Hedera helix ssp. helix	Common Ivy	F
Heracleum sphondylium	Hogweed	0
Hyacinthoides non-scripta	Bluebell	A
Hyacinthoides x massartiana	Hybrid Bluebell	0
llex aquifolium	Holly	0
Juncus effusus	Soft-rush	0
Lamiastrum galeobdolon subsp.	3011-10311	0
galeobdolon	Yellow Archangel	LF
Lamiastrum galeobdolon subsp.	i onow / womanger	
montanum	Yellow Archangel	LF
Lapsana communis	Nipplewort	0
Lolium perenne	Perennial Rye-grass	0
Lonicera periclymenum	Honeysuckle	F
Mercurialis perennis	Dog's Mercury	F
Milium effusum	Wood Millet	0
Myosotis scorpioides	Water Forget-me-not	0
Myosotis sylvatica	Wood Forget-me-not	0
Narcissus agg.	Narcissus	0
Picea abies	Norway Spruce	LF
Pinus sylvestris	Scots Pine	LD
Plantago major	Greater Plantain	0
Poa annua	Annual Meadow-grass	0
Poa nemoralis	Wood Meadow-grass	F
Poa trivialis	Rough Meadow-grass	F
Populus x canescens	Grey Poplar	LD
Primula vulgaris	Primrose	0
Primula x polyantha cv	Cultivated Polyanthus	R
Prunella vulgaris	Selfheal	F
Prunus avium	Wild Cherry	LF
Prunus avium Prunus domestica	Wild Plum	0
		LF
Pseudotsuga menziesii	Douglas fir	
Pteridium aquilinum	Bracken	LD
Quercus robur	Pedunculate Oak	LD
Ranunculus ficaria	Lesser Celandine	0
Ranunculus repens	Creeping Buttercup	0
Rubus fruticosus agg.	Bramble	A
Rumex sanguineus	Wood Dock	0

Burnt Wood		08/04/2009
Scientific Name	Common Name	DAFOR Score
Salix cinerea	Grey Willow	0
Sambucus nigra	Elder	F
Scrophularia nodosa	Common Figwort	0
Senecio jacobaea	Common Ragwort	0
Silene dioica	Red Campion	F
Sorbus aucuparia	Rowan	0
Stachys sylvatica	Hedge Woundwort	F
Stellaria graminea	Lesser Stitchwort	0
Stellaria holostea	Greater Stitchwort	F
Stellaria media	Common Chickweed	0
Taraxacum agg.	Dandelion	0
Ulmus procera	English Elm	LF
Urtica dioica	Common Nettle	А
Veronica chamaedrys	Germander Speedwell	0
Viburnum opulus	Guelder-rose	R
Viola reichenbachiana	Early Dog-violet	0
Viola riviniana	Common Dog-violet	0



Site Summary			
Site Name	Bottom Barff		
Grid ref.	TF 073 655		
Area (ha.)	9.82		
Parish	Nocton		
District	North Kesteven		

Existing	Site of Nature Conservation Importance (SNCI)
Status	Ancient Semi-Natural Woodland and Ancient Replanted Woodland.

Selection	WD1/1a: All semi-natural or ancient replanted woodland listed in Natural			
Criteria Met	England's Ancient Woodland Inventory			
	Comment: The entire site is included as either semi-natural ancient			
	woodland (8.71ha) or replanted ancient woodland (1.21ha)			

Species	12 species from Table 1 of the Local Wildlife Site Guidelines for					
Index score	designation of woodland were present on site.					
	Allium ursinum Hyacinthoides non- Primula vulgaris scripta					
	Anemone nemorosa	Mercurialis perennis	Prunus avium			
	Carex remota	Milium effusum	Scrophularia nodosa			
	Corylus avellana	Poa nemoralis	Viburnum opulus			

Additional	Additionally a large population of the rare local subspecies of yellow
comments	archangel Lamiastrum galeobdolon ssp. galeobdolon is present.

Site name	G	rid	ref	erer	nce				
Bottom Barff	Т	F	0	7	3	6	5	5	Lincolnshire
Site sub-division	Da	ate							Environmental
	0	8	}	0	4	0		9	Records
Recorder(s)	Ti	me	or	n site	9				Centre
Alex Prendergast			1	hrs		20	mi	ns	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

S 1 147	r
Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

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Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

An area of ancient woodland largely dominated by pedunculate oak *Quercus robur* and ash *Fraxinus excelsior* with some conifer (Austrian pine *Pinus nigra*, Scot's pine *Pinus sylvestris* and European larch *Larix decidua*) plantation and locally dominant sycamore *Acer pseudoplatanus*. There are a few apple trees *Malus* sp. scattered through the wood and a single stand of *Rhododendron ponticum*. Two huge veteran pedunculate oaks with diameters at breast height of approximately 2.5 metres stand in the south of the wood.

The best of the flora is restricted to the bank which runs along the eastern edge of the site where most of the trees including ash, wild plum *Prunus domestica*, hazel *Corylus avellana*, sycamore and wild cherry *Prunus avium* have been coppiced in the past. The rare local subspecies of yellow archangel *Lamiastrum galeobdolon* ssp. *galeobdolon* is abundant on this bank. Other ancient woodland indicator species present include ramsons Allium ursinum, wood anemone *Anemone nemorosa*, dog's mercury *Mercurialis perennis*, wood millet *Milium effusum*, wood meadow-grass *Poa nemoralis* and primrose *Primula vulgaris*. Most of these species occur sporadically throughout the wood. Breaches in the bank (possibly for drainage or access) have become marshy areas and seasonal pools where guelder rose *Viburnum opulus*, tufted hair-grass *Deschampsia cespitosa* and remote sedge *Carex remota* are occasional. Only reed sweet-grass *Glyceria maxima* and water starwort *Callitriche* aff. *stagnalis* were recorded from the adjacent ditch.

Bluebell *Hyacinthoides non-scripta* is almost continuous in the west of the wood except where three adjacent small areas of alien trees (sycamore, pine and larch) influence the bluebell carpet. Under the deep shade and acidity of the pine there is no ground flora bar climbing corydalis *Ceratocapnos claviculata*. The ground flora under the sycamore has been smothered by a thick layer of its large, slowly-decomposing leaves and as such the bluebell cover is sparse, but under the European larch (which is deciduous) the bluebell carpet appears undisturbed. To the west of the area of plantation is an area of mature beech *Fagus sylvatica* with new hazel coppice and downy birch *Betula pubescens* (and lots of bluebells).

Incidental records of fauna from the site include blackbird *Turdus merula*, brown hare *Lepus europaeus*, great tit *Parus major*, red-legged partridge *Alectoris rufa*, pheasant *Phasianus colchicus*, blue tit *Cyanistes caeruleus* and chaffinch *Fringilla coelebs*.

A ditch that runs between the northern ends of Bottom Barff and Top Barff may provide a useful link between these two woodland sites. This ditch bank supports barren strawberry *Potentilla sterilis* and ramsons. There is also a pink-flowered variety of primrose present (possibly *Primula vulgaris* subsp. *sibthorpii* or a cross between the species and a cultivated *Primula*). The field to the south is used for growing ornamental plants (remnant *Gladiolus* cv and daffodils *Narcissus* cv were evident) presenting a possible origin of this specimen.

Additional features

Veteran / pollarded trees	х	
Planted specimen trees	х	
Standing / fallen dead wood	Х	
Sap runs on / holes in trees		
Tussocky vegetation		
Abundant nectar sources		
Structural diversity		

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

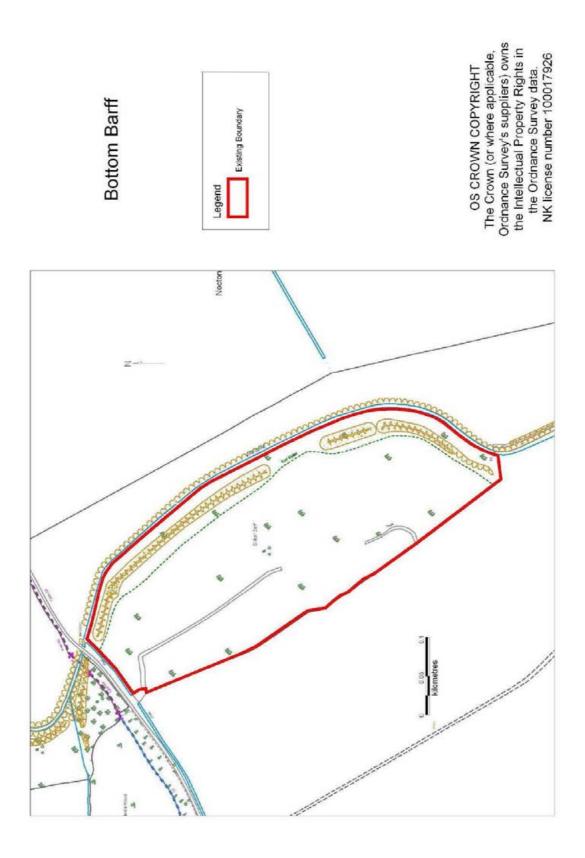
Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	х
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Bottom Barff		08/04/2009]
Scientific Name	Common Name	DAFOR Score	
Acer campestre	Field Maple	0	DAFOR Scale
Acer pseudoplatanus	Sycamore	LD	D = Dominant
Ajuga reptans	Bugle	0	A = Abundant
Allium ursinum	Ramsons	LA	F = Frequent
Anemone nemorosa	Wood Anemone	LA	O = Occasional
Angelica sylvestris	Wild Angelica	F	R = Rare
Arctium minus	Lesser Burdock	0	
Arum maculatum	Lords-and-Ladies	0	L = Locally
Betula pubescens	Downy Birch	0	(P) = Planted
Brachypodium sylvaticum	Wood False-brome	0	
Buddleja davidii	Butterfly-bush	R	
Callitriche stagnalis	Common Water-starwort	R	
Carex remota	Remote Sedge	0	
Ceratocapnos claviculata	Climbing Corydalis	LF	
Chamaecyparis lawsoniana	Lawson's Cypress	LF	
Chamerion angustifolium	Rosebay Williowherb	LF	
Circaea lutetiana	Enchanter's-nightshade	0	
Cirsium vulgare	Spear Thistle	0	
Corylus avellana	Hazel	0	
Crataegus monogyna	Hawthorn	0	
Dactylis glomerata	Cock's-foot	0	
Deschampsia cespitosa	Tufted Hair-grass	0	
Dryopteris filix-mas	Male-fern	0	
Fagus sylvatica	Beech	LD	
Fraxinus excelsior	Ash	F	
Galium aparine	Cleavers	0	
Geranium robertianum	Herb-Robert	F	
Geum urbanum	Wood Avens	F	
Glechoma hederacea	Ground-ivy	А	
Glyceria maxima	Reed sweet-grass	R	
Heracleum sphondylium	Hogweed	0	
Hyacinthoides non-scripta	Bluebell	A	
Juncus effusus	Soft-rush	0	
Lamiastrum galeobdolon subsp. galeobdolon	Yellow Archangel	R	

Bottom Barff		08/04/2009
Scientific Name	Common Name	DAFOR Score
Lapsana communis	Nipplewort	0
Larix decidua	European Larch	LD
Lolium perenne	Perennial Rye-grass	0
Malus sp.	Apple	0
Mercurialis perennis	Dog's Mercury	F
Milium effusum	Wood Millet	0
Myosotis sylvatica	Wood Forget-me-not	0
Pinus nigra	Austrian Pine	LD
Pinus sylvestris	Scots Pine	LD
Poa nemoralis	Wood Meadow-grass	0
Potentilla reptans	Creeping Cinquefoil	0
Primula vulgaris	Primrose	0
Prunus avium	Wild Cherry	0
Prunus domestica	Wild Plum	0
Pteridium aquilinum	Bracken	LD
Quercus robur	Pedunculate Oak	D
Ranunculus ficaria	Lesser Celandine	F
Ranunculus repens	Creeping Buttercup	F
Rhododendron ponticum	Rhododendron	F
Rubus fruticosus agg.	Bramble	А
Rumex obtusifolius	Broad-leaved Dock	0
Rumex sanguineus	Wood Dock	0
Sambucus nigra	Elder	0
Scrophularia nodosa	Common Figwort	0
Silene dioica	Red Campion	F
Stachys sylvatica	Hedge Woundwort	F
Stellaria media	Common Chickweed	0
Taraxacum agg.	Dandelion	0
Urtica dioica	Common Nettle	F
Veronica beccabunga	Brooklime	LF
Viburnum opulus	Guelder-rose	0
Viola riviniana	Common Dog-violet	0



Site Summary	
Site Name	Oak Holt, Blankney
Grid ref.	TF097616
Area (ha.)	6.8
Parish	Blankney
District	North Kesteven

Existing	County Wildlife Site (CWS)
Status	Site of Nature Conservation Importance (SNCI)

Selection	None
Criteria Met	Comment: This site is not listed in Natural England's Ancient Woodland
	Inventory and does not support a sufficient number of species from
	Table 1 to qualify under the woodland criteria.

Species	Two species from Table 1 of the Local Wildlife Site Guidelines for			
Index score	designation of woodland and parkland were present on site.			
	Corylus avellana	Mercurialis perennis		

Additional	It is possible that other ancient woodland indicator species may be		
comments	present earlier in the year that would have been smothered by the		
	bracken present during this survey.		
	The 1978 survey recorded a badger sett present within the wood; if this		
	is still present it is likely to be obscured by the bracken.		

This site is recommended for re-survey at a more optimal time of year.

Site name	Gi	Grid reference								
Oak Holt, Blankney	т	F	0	9	7	6	1	6	Lincolnshire	
Site sub-division	Da	ate							Environmental	
	1	7	,	0	8	0		9	Records	
Recorder(s)	Ti	me	on	site	•				Centre	
Alex Prendergast			1	nrs		0	mi	ns	Centre	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	А

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

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Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

Woodland dominated by pedunculate oak *Quercus robur* in the west and Scots pine *Pinus sylvestris* plantation in the east. Downy birch *Betula pubescens* and ash *Fraxinus excelsior* are occasional in the canopy. The shrub layer is comprised of hawthorn *Crataegus monogyna* and elder *Sambucus nigra* with occasional hazel *Corylus avellana* coppices.

The field layer throughout the site is almost entirely dominated by bracken *Pteridium aquilinum* and bramble *Rubus fruticosus* agg. Broad buckler-fern *Dryopteris dilatata*, dog's mercury *Mercurialis perennis*, raspberry *Rubus idaeus* and honeysuckle *Lonicera periclymenum* are occasional. Decomposing wood supports various common fungi such as sulphur tuft *Hypholoma fasciculare*. Common earth ball *Scleroderma citrinum* is frequent.

Incidental records of fauna from the site include blackbird *Turdus merula*, great tit *Parus major*, pheasant *Phasianus colchicus*, wren *Troglodytes troglodytes*, buzzard *Buteo buteo*, robin *Erithacus rubecula*, woodpigeon *Columba palumbus*, speckled wood *Pararge aegeria and* small white *Pieris rapae*.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	
Abundant nectar sources	
Structural diversity	

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	х

Oak Holt, Blankney		17/08/2009	
Scientific Name	Common Name	DAFOR Score	
Achillea millefolium	Yarrow	R	DAFOR Scale
Agrostis capillaris	Common Bent	0	D = Dominant
Anthriscus sylvestris	Cow Parsley	0	A = Abundant
Arctium minus	Lesser Burdock	0	F = Frequent
Arrhenatherum elatius	False Oat-grass	0	O = Occasional
Betula pubescens	Downy Birch	F	R = Rare
Centaurea nigra	Common Knapweed	0	
Chamerion angustifolium	Rosebay Williowherb	0	L = Locally
Cirsium arvense	Creeping Thistle	0	(P) = Planted
Cirsium vulgare	Spear Thistle	0	
Corylus avellana	Hazel	0	
Crataegus monogyna	Hawthorn	0	
Dactylis glomerata	Cock's-foot	0	
Dryopteris dilatata	Broad Buckler-fern	0	
Festuca rubra	Red Fescue	0	
Fraxinus excelsior	Ash	LD	
Galium aparine	Cleavers	0	
, Geranium robertianum	Herb-Robert	0	
Glechoma hederacea	Ground-ivy	0	
Hedera helix ssp. helix	Common Ivy	0	
Holcus lanatus	Yorkshire-fog	0	
Lamium album	White Dead-nettle	0	
Lapsana communis	Nipplewort	0	
Larix decidua	European Larch	0	
Lonicera periclymenum	Honeysuckle	0	
Mercurialis perennis	Dog's Mercury	0	
Pinus sylvestris	Scots Pine	LD	
Pteridium aquilinum	Bracken	D	
Quercus robur	Pedunculate Oak	LD	
Rubus fruticosus agg.	Bramble	A	
Rubus idaeus	Raspberry	0	
Rumex obtusifolius	Broad-leaved Dock	0	
Salix cinerea	Grey Willow	0	
Sambucus nigra	Elder	0	
Senecio jacobaea	Common Ragwort	0	
Silene latifolia	White Campion	0	
Stachys sylvatica	Hedge Woundwort	0	
Stellaria media	Common Chickweed	0	
Syringa vulgaris	Lilac	0	
Tamus communis	Black Bryony	0	
Taraxacum agg.	Dandelion	0	
Torilis japonica	Upright Hedge-parsley	0	
Urtica dioica	Common Nettle	F	



Grid Square TF14

	Site Summary
Site Name	Beacon Hill Railway Cutting
Grid ref.	TF100440-TF106434
Area (ha.)	2.73
Parish	Burton Pedwardine & Kirkby La Thorpe
District	North Kesteven

Existing	Site of Nature Conservation Importance (SNCI)
Status	Lowland Calcareous Grassland Priority Habitat

Selection	NG1: Semi-natural neutral grassland at least 0.1 ha. in extent , or linear
Criteria Met	areas at least 50m long, with a minimum species index score of 8
	CG1: Semi-natural calcareous grassland at least 0.1ha in extent, or
	linear areas at least 50m long, with a minimum species index score of 8.
	Comment: This site supports a high number of calcareous grassland
	indicator species many of which are also on the list of neutral grassland
	species.

Species	10 species from Table 2 of the Local Wildlife Site Guidelines for						
Index score	designation of neutral grassland were present on site.						
	Briza media Galium verum Leucanthemum vulgare						
	Carex flacca	Lathyrus pratensis	Lotus corniculatus				
	Centaurea nigra	Leontodon hispidus	Primula veris				
	Cynosurus cristatus						

Species	10 species from Table 3 of the Local Wildlife Site Guidelines for						
Index score	designation of calcareous grassland were present on site.						
	Brachypodium pinnatum Cirsium acaule Linum catharticum						
	Briza media Galium verum Lotus corniculatus						
	Carex flacca	Leontodon hispidus	Primula veris				
	Centaurea nigra						

Additional	A good area of calcareous grassland, particularly on the south facing
comments	slope. There is however some invasion by scrub.

Site name	Gr	id re	ferer	nce			
Beacon Hill Railway Cutting	Т	F	1 0 1 0	0 6	4 4 4 3	-	Lincolnshire
Site sub-division	Da	te		1	1	1	Environmental
	0	9	0	7	0	9	Records
Recorder(s)	Tin	ne o	n site	e		•	Centre
Alex Prendergast, Michael Emmett		1	hrs		0 m	nins	

Woodland – semi-nat / plantation	
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	Μ
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	Α
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

The south-facing slope of this railway cutting supports a good calcareous grassland flora. The sward is dominated by tor grass *Brachypodium pinnatum* with smaller areas of crested dog's-tail *Cynosurus cristatus*, red fescue *Festuca rubra* and quaking grass *Briza media*. Glaucous sedge *Carex flacca* is occasional. Typical calcareous grassland forbs are abundant including yarrow *Achillea millefolium*, common knapweed *Centaurea nigra*, common centaury *Centaurium erythraea*, Dwarf thistle *Cirsium acaule*, lady's bedstraw *Galium verum*, meadow vetchling *Lathyrus pratensis*, ox-exe daisy *Leucanthemum vulgare*, fairy flax *Linum catharticum*, bird's-foot trefoil *Lotus corniculatus*, mouse-ear hawkweed *Pilosella officinarum* and cowslip *Primula veris*.

The north-facing slope appears to be less diverse however it does support a large quantity of tor-grass and quaking grass.

Small toadflax Chaenorhinum minus is frequent along the vegetation boundary with the bare railway ballast.

Scrub including hawthorn *Crataegus monogyna*, ash *Fraxinus excelsior* and blackthorn *Prunus spinosa* threatens to invade the site.

Hound's-tongue *Cynoglossum officinale* is present with tor grass on the bridge on Mount Lane to the west of the site.

Incidental records of fauna recorded from the site includes badger Meles meles, rabbit Oryctolagus cuniculus, robin Erithacus rubecula, meadow brown Maniola jurtina, ringlet Aphantopus hyperantus, brown-lipped snail Cepaea nemoralis and seven-spot ladybird Coccinella septempunctata.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	х
Structural diversity	

Anthills	
Bare ground	Х
Rock outcrops	
Steep slopes	Х
South facing slopes	Х
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

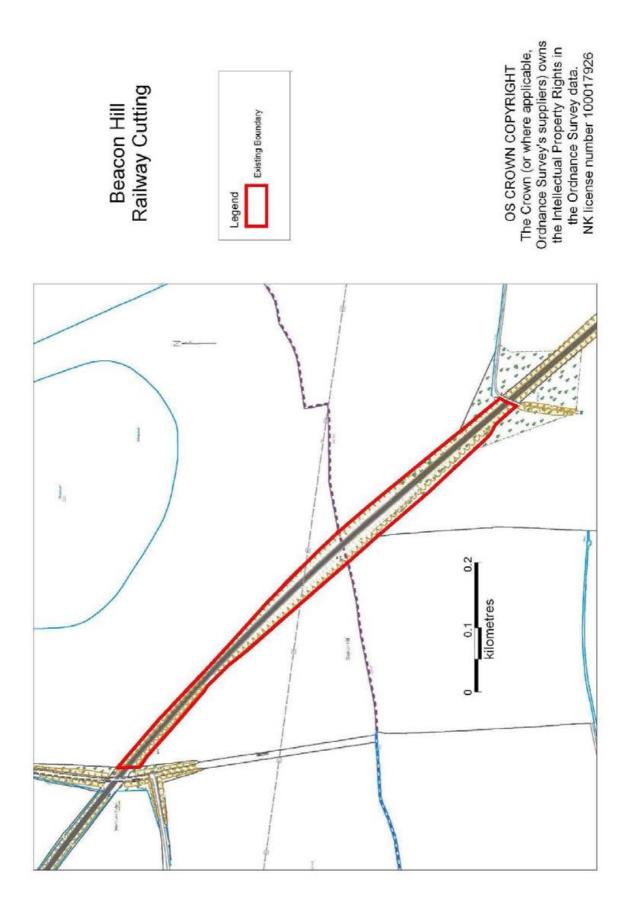
Appropriate management	
Inappropriate management	
Scrub encroachment	х
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Beacon Hill Railway Cutting		09/07/2009	
Scientific Name	Common Name	DAFOR Score	
Acer campestre	Field Maple	0	DAFOR Scale
Achillea millefolium	Yarrow	F	D = Dominant
Arrhenatherum elatius	False Oat-grass	A	A = Abundant
Brachypodium pinnatum	Tor-grass	D	F = Frequent
Briza media	Quaking-grass	А	O = Occasional
Bryonia dioica	White Bryony	0	R = Rare
Carex flacca	Glaucous Sedge	0	
Centaurea nigra	Common Knapweed	F	L = Locally
Centaurium erythraea	Common Centaury	F	(P) = Planted
Chaenorhinum minus	Small Toadflax	F	
Chamerion angustifolium	Rosebay Williowherb	0	
Cirsium acaule	Dwarf Thistle	F	
Cirsium arvense	Creeping Thistle	0	
Cirsium vulgare	Spear Thistle	0	
Conium maculatum	Hemlock	0	
Corylus avellana	Hazel	0	
Crataegus monogyna	Hawthorn	0	
Cynoglossum officinale	Houndstongue	LF	
Cynosurus cristatus	Crested Dog's-tail	F	
Dactylis glomerata	Cock's-foot	F	
Dipsacus fullonum	Wild Teasel	F	
Epilobium ciliatum	American Willowherb	0	
Epilobium hirsutum	Great Willowherb	0	
Epilobium parviflorum	Hoary Willowherb	0	
Equisetum arvense	Field Horsetail	F	
Festuca rubra	Red Fescue	F	
Fraxinus excelsior	Ash	0	
Galium aparine	Cleavers	0	
Galium verum	Lady's Bedstraw	F	
Hedera helix ssp. helix	Common Ivy	0	
Heracleum sphondylium	Hogweed	0	
Lamium album	White Dead-nettle	0	
Lapsana communis	Nipplewort	0	
Lathyrus pratensis	Meadow Vetchling	F	
Leontodon hispidus	Rough Hawkbit	F	
Leucanthemum vulgare	Oxeye Daisy	F	
Linum catharticum	Fairy Flax	F	1
Lotus corniculatus	Common Bird's-foot-trefoil	F	1
Medicago lupulina	Black Medick	0	1
Myosotis arvensis	Field Forget-me-not	0	1
Picris echioides	Bristly Oxtongue	0	1

Beacon Hill Railway Cutting		09/07/2009
Scientific Name	Common Name	DAFOR Score
Pilosella officinarum	Mouse-ear-hawkweed	F
Primula veris	Cowslip	F
Prunus spinosa	Blackthorn	0
Ranunculus repens	Creeping Buttercup	0
Rosa canina	Dog Rose	0
Rubus fruticosus agg.	Bramble	F
Senecio jacobaea	Common Ragwort	0
Solanum dulcamara	Bittersweet	0
Sonchus arvensis	Perennial Sow-thistle	0
Stellaria media	Common Chickweed	0
Torilis japonica	Upright Hedge-parsley	0
Trifolium pratense	Red Clover	0
Tussilago farfara	Colt's-foot	0
Ulmus glabra	Wych Elm	0
Urtica dioica	Common Nettle	0
Veronica arvensis	Wall Speedwell	0
Vicia hirsuta	Hairy Tare	0



Site Summary	
Site Name	Evedon Wood
Grid ref.	TF110483
Area (ha.)	31.93
Parish	Ewerby and Evedon
District	North Kesteven

Existing	Site of Nature Conservation Importance (SNCI)
Status	Ancient Semi-Natural Woodland.

Selection	WD1/1a: All semi-natural or replanted ancient woodland listed in Natural
Criteria Met	England's Ancient Woodland Inventory
	WD4: Wet woodland with a minimum species index score of 6 from
	Table 1 and 6 from Table 8
	Comment: The majority (19ha.) of the site is included as semi-natural
	ancient woodland.

Species	Twelve species from Table 1 of the Local Wildlife Site Guidelines for						
Index score	designation of woodland and parkland were present on site.						
	Campanula	Campanula Fragaria vesca Mercurialis perennis					
	trachelium						
	Carex sylvatica	Geum rivale	Poa nemoralis				
	Dryopteris affinis	Hypericum hirsutum	Scrophularia nodosa				
	Euonymus	Lysimachia nummularia	Viola reichenbachiana				
	europaeus						

Species	Six species from Table 8 of the Local Wildlife Site Guidelines for				
Index score	designation of swamp, marsh and fen were present on site.				
	Angelica sylvestris	Carex panicea	Geum rivale		
	Carex otrubae	Filipendula ulmaria	Lysimachia		
			nummularia		

Additional	A fairly diverse woodland with a number of Ancient Woodland Indicator
comments	Species and several ditches which support a good wetland flora.

Site name	Gr	Grid reference						
Evedon Wood	Т	F	1 1	0	4	8	3	Lincolnshire
Site sub-division	Da	ite						Environmental
	0	5	0	8	0	ę)	Records
Recorder	Tii	me	on si	te				Centre
Alex Prendergast			2 hrs	;	0	mir	าร	

Woodland – semi-nat / plantation	Μ
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	А
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	Α
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	
•	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

A woodland apparently of ancient origin now dominated by ash *Fraxinus excelsior* with sycamore *Acer pseudoplatanus* and pedunculate oak *Quercus robur*, of which there are a few veteran individuals. The hybrid oak *Quercus x rosacea* and turkey oak *Quercus cerris* are occasional. Hawthorn *Crataegus monogyna*, hybrid hawthorn *Crataegus x media*, honeysuckle *Lonicera periclymenum* and wych elm *Ulmus glabra* are frequent in the shrub layer. Some fine specimens of midland hawthorn *Crataegus laevigata* are present along the southern edge of the wood.

Ground flora is quite good in places with scaly male fern *Dryopteris affinis cambrensis*, broad buckler fern *Dryopteris dilatata*, male fern *Dryopteris filix-mas*, tall fescue *Festuca arundinacea*, common figwort *Scrophularia nodosa*, hairy St john's wort *Hypericum hirsutum* and early dog violet *Viola reichenbachiana*.

Ditches and limited areas of damp rides around the site also support a good flora including water plantain *Alisma plantago-aquatica*, false fox-sedge *Carex otrubae*, carnation sedge *Carex panicea*, meadowsweet *Filipendula ulm*aria, strawberry *Fragaria vesca*, jointed rush *Juncus articulatus*, creeping jenny *Lysimachia nummularia*, cowslip *Primula veris*, watercress *Rorippa nasturtium-aquaticum* and smooth tare *Vicia tetrasperma*.

Various common fungi and mosses were recorded including *Laccaria laccata*, *Agaricus bisporus*, *Coprinus disseminates*, *Atrichum undulatum*, *Plagiomnium undulatum* and *Fissidens dubius*.

Incidental records of fauna from the site include rabbit *Oryctolagus cuniculus*, grey squirrel *Sciurus carolinensis*, brown rat *Rattus norvegicus*, mole *Talpa europaea*, badger *Meles meles*, buzzard *Buteo buteo*, long-tailed tit *Aegithalos caudatus*, woodpigeon *Columba palumbus*, green woodpecker *Picus viridis*, wren *Troglodytes troglodytes*, pheasant *Phasianus colchicus*, Durham slug *Arion flagellus*, strawberry snail *Trichia striolata*, brown-lipped snail *Cepaea nemoralis*, common blue *Polyommatus icarus*, large white *Pieris brassicae*, gatekeeper, small white *Pieris rapae*, green-veined white *Pieris napi*, speckled wood *Pararge aegeria*, wood ant *Formica sp.* and *seven-spotted ladybird Coccinella septempunctata*.

Additional features

Veteran / pollarded trees	х
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	х

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow /-deep	х
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	х
Non-intervention (woodland)	

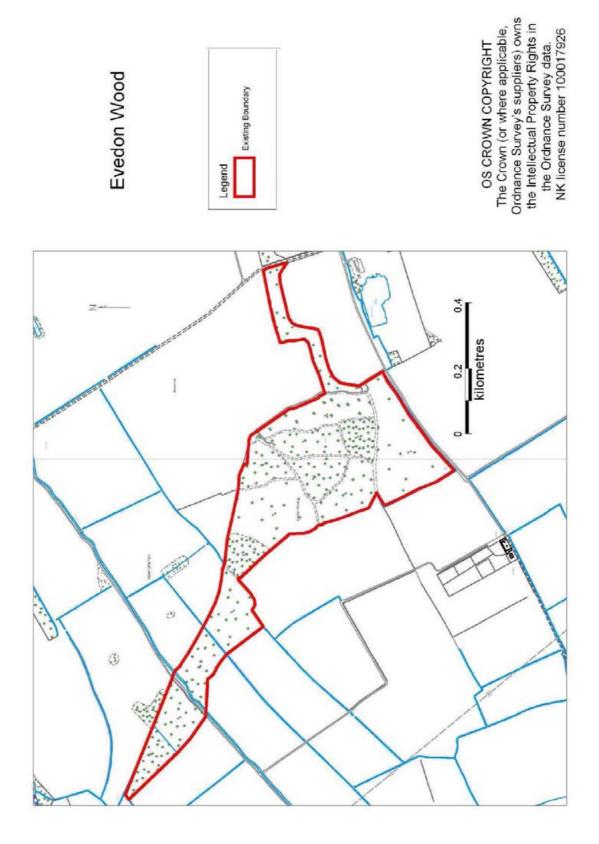
No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	х
Invasive species	х

Evedon Wood		05/08/2009	
Scientific Name	Common Name	DAFOR Score	
Acer campestre	Field Maple	F	DAFOR Scale
Acer pseudoplatanus	Sycamore	F	D = Dominant
Aesculus hippocastanum	Horse-chestnut	0	A = Abundant
Agrostis capillaris	Common Bent	0	F = Frequent
Agrostis stolonifera	Creeping Bent	0	O = Occasional
Alisma plantago-aquatica	Water-plantain	0	R = Rare
Alliaria petiolata	Garlic Mustard	0	
Anagallis arvensis	Scarlet Pimpernell	R	L = Locally
Angelica sylvestris	Wild Angelica	0	(P) = Planted
Arctium minus	Lesser Burdock	0	
Arrhenatherum elatius	False Oat-grass	F	
Arum maculatum	Lords-and-Ladies	0	
Brachypodium sylvaticum	Wood False-brome	F	1
Callitriche stagnalis	Common Water-starwort	0	1
Calystegia silvatica	Large Bindweed	0	1
Campanula trachelium	Nettle-leaved Bellflower	R	-
Carex otrubae	False Fox-sedge	0	-
Carex panicea	Carnation Sedge	R	-
Carex sylvatica	Wood-sedge	0	-
Cerastium fontanum	Common Mouse-ear	0	1
Chaerophyllum temulum	Rough Chervil	0	
Chamerion angustifolium	Rosebay Williowherb	0	
Circaea lutetiana	Enchanter's-nightshade	0	
Cirsium arvense	Creeping Thistle	0	
Cirsium palustre	Marsh Thistle	0	
Cirsium vulgare	Spear Thistle	0	
Crataegus laevigata	Midland Hawthorn	0	
Crataegus monogyna	Hawthorn	0	
Crataegus x media	Hawthorn	0	
Dactylis glomerata	Cock's-foot	0	
Deschampsia cespitosa	Tufted Hair-grass	0	
Digitalis purpurea	Foxglove	0	
Dryopteris affinis subsp. cambrensis	Scaly Male-fern	0	1
Dryopteris dilatata	Broad Buckler-fern	F	1
Dryopteris filix-mas	Male-fern	0	1
Epilobium hirsutum	Great Willowherb	0	1
Euonymus europaeus	Spindle-tree	0	1
Fagus sylvatica	Beech	LF	1
Festuca arundinacea	Tall Fescue	0	1
Festuca rubra	Red Fescue	0	1
Filipendula ulmaria	Meadowsweet	0	7
Fragaria vesca	Wild Strawberry	R	1

Evedon Wood		05/08/2009
Scientific Name	Common Name	DAFOR Score
Fraxinus excelsior	Ash	D
Galium aparine	Cleavers	0
Geranium robertianum	Herb-Robert	0
Geum rivale	Water Avens	0
Geum urbanum	Wood Avens	F
Glechoma hederacea	Ground-ivy	F
Hedera helix ssp. helix	Common Ivy	0
Heracleum sphondylium	Hogweed	0
Holcus lanatus	Yorkshire-fog	F
Holcus mollis	Creeping Soft-grass	0
Hypericum hirsutum	Hairy St John's-wort	0
Juncus articulatus	Jointed Rush	0
Juncus conglomeratus	Compact Rush	0
Juncus effusus	Soft-rush	F
Juncus inflexus	Hard Rush	0
Lapsana communis	Nipplewort	0
Larix decidua	European Larch	LF
Ligustrum vulgare	Wild Privet	0
Lolium perenne	Perennial Rye-grass	0
Lonicera periclymenum	Honeysuckle	0
Lotus pedunculatus	Greater Bird's-foot-trefoil	LF
Lysimachia nummularia	Creeping-Jenny	
Matricaria discoidea	Pineappleweed	0
Matricaria recutita	Scented Mayweed	0
Mercurialis perennis	Dog's Mercury	0
Myosotis laxa	Tufted Forget-me-not	0
Odontites vernus	Red Bartsia	0
Persicaria maculosa	Redshank	0
Phleum pratense agg.	Timothy	0
Plantago lanceolata	Ribwort Plantain	0
Plantago major	Greater Plantain	0
Poa annua	Annual Meadow-grass	0
Poa nemoralis	Wood Meadow-grass	0
Populus x canescens	Grey Poplar	LF
Potentilla reptans	Creeping Cinquefoil	0
Primula veris	Cowslip	0
Prunella vulgaris	Selfheal	0
Prunus domestica	Wild Plum	0
Prunus spinosa	Blackthorn	F
Quercus cerris	turkey oak	0
Quercus x rosacea	Hybrid Oak	0
Quercus robur	Pedunculate Oak	D
Ranunculus repens	Creeping Buttercup	0
Rorippa nasturtium-aquaticum	Water-cress	0
Rosa arvensis	Field-rose	0
Rubus fruticosus agg.	Bramble	A
Rubus caesius	Dewberry	0
Rumex obtusifolius	Broad-leaved Dock	0
Rumex sanguineus	Wood Dock	0
Salix caprea	Goat Willow	0
Sambucus nigra	Elder	0

Evedon Wood		05/08/2009
Scientific Name	Common Name	DAFOR Score
Scrophularia nodosa	Common Figwort	0
Senecio jacobaea	Common Ragwort	0
Solanum dulcamara	Bittersweet	0
Stachys sylvatica	Hedge Woundwort	0
Stellaria graminea	Lesser Stitchwort	0
Stellaria media	Common Chickweed	0
Symphoricarpos albus	Snowberry	0
Symphytum x uplandicum	Russian Comfrey	0
Tamus communis	Black Bryony	0
Tilia x europaea	Lime	0
Torilis japonica	Upright Hedge-parsley	0
Trifolium pratense	Red Clover	0
Tussilago farfara	Colt's-foot	0
Ulmus glabra	Wych Elm	0
Urtica dioica	Common Nettle	0
Veronica chamaedrys	Germander Speedwell	0
Veronica serpyllifolia	Thyme-Leaved Speedwell	0
Vicia tetrasperma	Smooth Tare	0
Viola reichenbachiana	Early Dog-violet	0



Site Summary		
Site Name	Cobbler's Lock, Sedge and Reed Beds	
Grid ref.	TF124497-TF143499	
Area (ha.)	14.55	
Parish	Ewerby and Evedon	
District	North Kesteven	

Existing	Site of Nature Conservation Importance (SNCI)
Status	

Selection	Sta2: Standing water with a minimum species index score of 8.
Criteria Met	Sw2: Other swamp, marsh and fen at least 0.5 ha in extent, with a
	minimum species index score of 8
	Comment: Whilst there is much reed present throughout this site there
	is not a sufficiently large area to allow the site to qualify under Sw1.

Species	Eight species from Table 7 of the Local Wildlife Site Guidelines for						
Index score	designation of standing water were present on site.						
	Carex acutiformis	Lythrum salicaria	Phragmites australis				
	Carex riparia Myosotis laxa		Scrophularia auriculata				
	Iris pseudacorus	Phalaris arundinacea					

Species	Nine species from Table 8 of the Local Wildlife Site Guidelines for					
Index score	designation of swamp, marsh and fen were present on site.					
	Angelica sylvestris	Lycopus europaeus	Phalaris arundinacea			
	Filipendula ulmaria	Lythrum salicaria	Phragmites australis			
	Iris pseudacorus Myosotis scorpioides Scrophularia auricu					

Additional	A largely undisturbed area with wetland habitats at various successional
comments	stages.

Site name	G	Grid reference							
Cobbler's Lock Sedge and Reed Beds	Т	F	1	2	4	4	9	7	Lincolnohiro
	Т	F	1	4	3	4	9	9	Lincolnshire
Site sub-division	Da	Date				Environmental			
	0	g)	1	0	0		9	Records
Recorder(s)	Ti	Time on site				Centre			
Alex Prendergast			1	hrs		30	mi	ns	

Woodland – semi-nat / plantation	
Wet Woodland	A
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	Α
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	N
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	Α
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	
•	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

NI 137	
Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

An area of tall scrubby fen, with some more open areas grading into wet woodland, damp grassland and dry reedbed. The ditch to the west is shaded by hawthorn *Crataegus monogyna* dominated scrub, or choked by lesser pond-sedge *Carex acutiformis* and greater pond sedge *Carex riparia*. Wet woodland on the site is centred around the pools in the north-east. The canopy is dominated by crack willow *Salix fragilis* while tufted forget-me-not *Myosotis laxa* and water forget-me-not *Myosotis scorpioides* dominate the field layer.

Much of the site's interest is concentrated in the areas of wet grey willow *Salix cinerea* and goat willow *Salix caprea* scrub where the field layer is comprised of a dense layer of pond-sedges, with various herbs such as meadowsweet *Filipendula ulmaria*, yellow flag *Iris pseudacorus*, marsh bedstraw *Galium palustre*, gypsywort *Lycopus europaeus*, purple loosestrife *Lythrum salicaria*, water chickweed *Myosoton aquaticum* and water figwort *Scrophularia auriculata*. Hop *Humulus lupus* (apparently mostly female) is abundant, climbing into the canopy of the scrub. Some areas of reed had recently been harvested.

Incidental records of fauna from the site include hedgehog *Erinaceus europaeus*, coot *Fulica atra*, woodpigeon *Columba palumbus* and grey squirrel *Sciurus carolinensis*

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	х
Structural diversity	х

Appropriate management	х
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

-	
Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

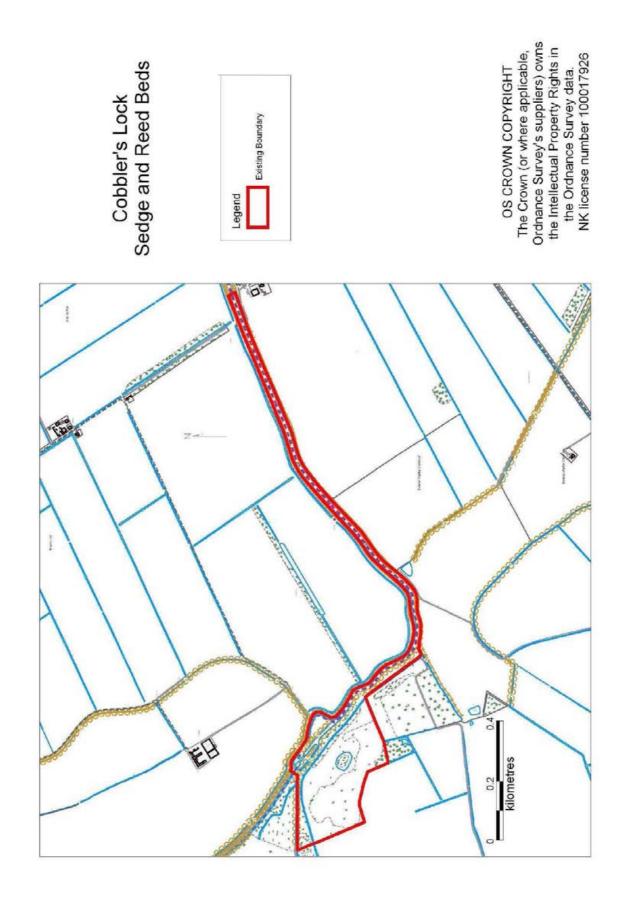
Areas with frequent / prolonged flooding	Х
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	х
Hedgerows – spp rich / poor	х
Access / visibility	
Educational potential	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	х
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Cobbler's Lock, Sedge and Reed Beds		09/10/2009	
Scientific Name	Common Name	DAFOR Score	1
Acer campestre	Field Maple	0	DAFOR Scale
Angelica sylvestris	Wild Angelica	0	D = Dominant
Anthriscus sylvestris	Cow Parsley	LF	A = Abundant
Arctium lappa	Greater Burdock	0	F = Frequent
Betula pubescens	Downy Birch	LF	O = Occasional
Calystegia sepium	Hedge Bindweed	F	R = Rare
Carex acutiformis	Lesser Pond-sedge	LD	
Carex riparia	Greater Pond-sedge	LD	L = Locally
Cirsium arvense	Creeping Thistle	0	(P) = Planted
Cirsium vulgare	Spear Thistle	0	
Conium maculatum	Hemlock	0	-
Crataegus monogyna	Hawthorn	0	-
		0	-
Digitalis purpurea Dipsacus fullonum	Foxglove Wild Teasel	0	1
•		0	4
Dryopteris affinis	Scaly Male-fern	0 F	4
Filipendula ulmaria	Meadowsweet	0 	4
Fraxinus excelsior	Ash Marab badatrow	0 F	-
Galium palustre	Marsh-bedstraw		-
Geum urbanum	Wood Avens	0	4
Glechoma hederacea	Ground-ivy	F	4
Heracleum sphondylium	Hogweed	0	4
Humulus lupulus	Hop	A	4
Iris pseudacorus	Yellow Iris	F	4
Juncus effusus	Soft-rush	F	4
Juncus inflexus	Hard Rush	F	4
Lemna minor	Common Duckweed	F	4
Lycopus europaeus	Gypsywort	F	4
Lythrum salicaria	Purple-loosestrife	F	4
Myosotis laxa	Tufted Forget-me-not		4
Myosotis scorpioides	Water Forget-me-not	F	4
Myosoton aquaticum	Water Chickweed	F	4
Phalaris arundinacea	Reed Canary-grass	A	4
Phragmites australis	Common Reed	LD	4
Plantago major	Greater Plantain	F	4
Poa nemoralis	Wood Meadow-grass	R	4
Poa trivialis	Rough Meadow-grass	F	4
Populus x canadensis	Hybrid Black-poplar	F	4
Potentilla anserina	Silverweed	0	
Potentilla reptans	Creeping Cinquefoil	F	1
Prunus domestica	Wild Plum	0	
Quercus robur	Pedunculate Oak	0	
Rosa arvensis	Field-rose	0	
Rumex obtusifolius	Broad-leaved Dock	0	
Rumex sanguineus	Wood Dock	0	
Salix alba	White Willow	R	
Salix caprea	Goat Willow	F	
Salix cinerea	Grey Willow	LD	
Salix fragilis	Crack-willow	LD	
Sambucus nigra	Elder	F]

Cobbler's Lock, Sedge and Reed Beds		09/10/2009
Scientific Name	Common Name	DAFOR Score
Scrophularia auriculata	Water Figwort	F
Solanum nigrum	Black Nightshade	F
Stachys sylvatica	Hedge Woundwort	F
Symphytum x uplandicum	Russian Comfrey	LF
Tamus communis	Black Bryony	F
Urtica dioica	Common Nettle	F
Veronica chamaedrys	Germander Speedwell	F
Viola odorata	Sweet Violet	LF
Viola riviniana	Common Dog-violet	LF



Grid Square TF15

Site Summary		
Site Name	Martin Wood	
Grid ref.	TF130591	
Area (ha.)	11.15	
Parish	Martin	
District	East Lindsey	

Existing	Site of Nature Conservation Importance (SNCI)	
Status	Ancient Semi-natural Woodland	
	Higher Level Stewardship Agreement (HLS)	

Selection	WD1/1a: All semi-natural or replanted ancient woodland listed in Natural		
Criteria Met	England's Ancient Woodland Inventory		
	WD4: Wet woodland with a minimum species index score of 6 from		
	Table 1 and 6 from Table 8		
	Sw2: Other swamp, marsh and fen at least 0.5 ha in extent, with a		
	minimum species index score of 8		
	Comment: The majority of this site (excluding the pond on the eastern		
	edge) is listed as ancient semi-natural woodland		

Species	18 species from Table 1 of the Local Wildlife Site Guidelines for				
Index score	designation of woodland and parkland were present on site.				
	Allium ursinumHyacinthoides non- scriptaMercurialis p				
	Campanula latifolia Hypericum hirsutum Poa nemoral				
	Carex sylvatica Hypericum tetrapterum Pi		Primula vulgaris		
	Dipsacus pilosus	Lamiastrum galeobdolon subsp. montanum	Prunus avium		
	Dryopteris affinis	Lysimachia nummularia	Tilia cordata		
	Euonymus europaeus	Lysimachia vulgaris	Veronica montana		

Species	10 species from Table 1 of the Local Wildlife Site Guidelines for				
Index score	designation of swamp, marsh and fen were present on site.				
	Apium nodiflorumLycopus europaeusMentha aquatica				
	Carex otrubaeLysimachia nummulariaMyosotis scorpioidesFilipendula ulmariaLysimachia vulgarisPhragmites australisHypericumtetrapterum				

Additional	This is a diverse woodland with additional interest added by the large				
comments	pond present on the eastern side of the site.				
	The following additional woodland indicators were recorded between				
	1972-77 and may still be present:				
	Anemone nemorosa				
	Conopodium majus				
	Cornus sanguinea				
	Corylus avellana				
	Melica uniflora				
	Milium effusum				
	Orchis mascula				
	Oxalis acetosella				
	Potentilla sterilis				
	Ranunculus auricomus				
	Stellaria holostea				
	Viola reichenbachiana				

Site name	G	Grid reference							
Martin Wood	Т	F	1	3	0	5	9	1	Lincolnshire
Site sub-division	Da	ate	-						Environmental
	0	9)	0	9	0		9	Records
Recorder(s)	Ti	me	on	site	e				Centre
Alex Prendergast			11	hrs		0	mi	ns	Ocharc

Μ
10
Α

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	Α
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

NI 197

NI 137	
Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	х

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

An old woodland planted in recent decades with hybrid poplars *Populus* x *canadensis* which are now over-mature and beginning to fall. The semi-natural composition of the wood is still observable: ash *Fraxinus excelsior* dominates with small amounts of pedunculate oak *Quercus robur*, wild cherry *Prunus avium* and small-leaved lime *Tilia cordata*. Willows (*Salix cinerea, S. fragilis* and *S. viminalis*) are occasional; possibly a remnant of an original wet woodland present before drainage of the landscape. The shrub layer includes a few species of note, such as *Euonymus europaeus*, holly *Ilex aquifolium*, apple *Malus domestica* and wych elm *Ulmus glabra*.

The field layer is dominated by dogs mercury *Mercurialis perennis* and supports a range of interesting ancient woodland indicator species such as great bellflower *Campanula latifolia*, wood sedge *Carex sylvatica*, small teasel *Dipsacus pilosus*, scaly buckler fern *Dryopteris affinis*, hairy St. John's wort *Hypericum hirsutum*, yellow archangel *Lamiastrum galeobdolon* ssp *montanum* and wood speedwell *Veronica montana*, although all of these appeared to be infrequent. The landowner reports that various other spring-flowering ancient woodland indicator species are present including primrose, bluebell and ramsons.

The pond on the eastern edge of the site supports a good flora with yellow water-lily *Nuphar lutea* and white water-lily *Nymphaea alba* dominating the surface. The marshy margins support fool's watercress *Apium nodiflorum*, hairy sedge *Carex hirta*, false fox-sedge *Carex otrubae*, greater pond-sedge *Carex riparia*, meadowsweet *Filipendula ulmaria*, square-stalked St. John's wort *Hypericum tetrapterum*, yellow flag *Iris pseudacorus*, greater bird's-foot trefoil *Lotus pedunculatus*, gypsywort *Lycopus europaeus*, water mint *Mentha aquatica* and water forget-me-not *Myosotis scorpioides*, Sub-aquatic species were not surveyed but are likely to be interesting.

Incidental records of fauna from the site include woodpigeon *Columba palumbus*, mallard *Anas platyrhynchos* and brown hawker dragonfly *Aeshna grandis*. The landowner reports abundant mink around the pond and the adjacent delph. The woodland is used for rearing pheasants.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	х
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	х

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

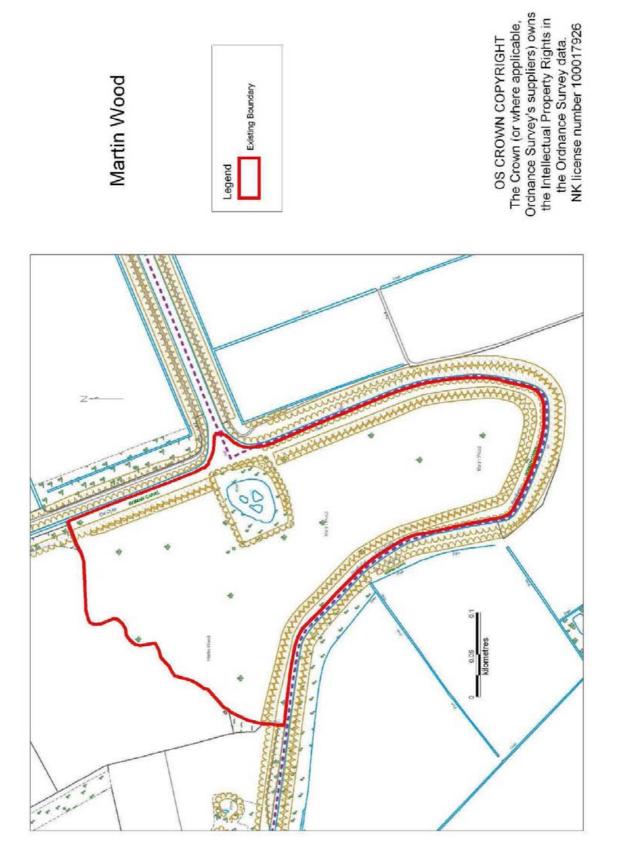
Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Martin Wood		09/09/2009	
Scientific Name	Common Name	DAFOR Score	
Acer campestre	Field Maple	F	DAFOR Scale
Acer pseudoplatanus	Sycamore	F	D = Dominant
Allium ursinum	Ramsons	F	A = Abundant
Anthriscus sylvestris	Cow Parsley	F	F = Frequent
Apium nodiflorum	Fool's-water-cress	LF	O = Occasional
Arctium minus	Lesser Burdock	0	R = Rare
Arum maculatum	Lords-and-Ladies	0	
Brachypodium sylvaticum	Wood False-brome	0	L = Locally
Campanula latifolia	Giant Bellflower	0	(P) = Planted
Cardamine hirsuta	Hairy Bitter-cress	0	
Carex hirta	Hairy Sedge	LF	
Carex otrubae	False Fox-sedge	R	
Carex riparia	Greater Pond-sedge	LF	7
Carex sylvatica	Wood-sedge	0	7
Chamaecyparis lawsoniana	Lawson's Cypress	0	7
Circaea lutetiana	Enchanter's-nightshade	0	
Cirsium arvense	Creeping Thistle	0	_
Cirsium palustre	Marsh Thistle	LF	
Crataegus monogyna	Hawthorn	A	
Dipsacus fullonum	Wild Teasel	0	
Dipsacus pilosus	Small Teasel	F	
Dryopteris affinis	Scaly Male-fern	0	
Dryopteris dilatata	Broad Buckler-fern	0	
Dryopteris filix-mas	Male-fern	0	
Epilobium hirsutum	Great Willowherb	0	
Epilobium parviflorum	Hoary Willowherb	0	
Euonymus europaeus	Spindle-tree	0	
Festuca rubra	Red Fescue	0	
Filipendula ulmaria	Meadowsweet	0	
Fraxinus excelsior	Ash	Α	
Galanthus nivalis	Snowdrop	LF	
Geum urbanum	Wood Avens	0	_
Heracleum sphondylium	Hogweed	0	7
Hyacinthoides non-scripta	Bluebell	LF	7
Hypericum hirsutum	Hairy St John's-wort	LF	7
Hypericum tetrapterum	Square-stalked St John's-wort	LF	7
llex aquifolium	Holly	0	7
Iris pseudacorus	Yellow Iris	LF	7
Juncus conglomeratus	Compact Rush	LF	1
Juncus inflexus	Hard Rush	LF	1
Lamiastrum galeobdolon subsp.	Yellow Archangel	LF	1

Martin Wood		09/09/2009		
Scientific Name	Common Name	DAFOR Score		
montanum				
Lathyrus pratensis	Meadow Vetchling	LF		
Lolium perenne	Perennial Rye-grass	LF		
Lotus pedunculatus	Greater Bird's-foot-trefoil	LF		
Lycopus europaeus	Gypsywort	LF		
Lysimachia nummularia	Creeping-Jenny	LF		
Lysimachia vulgaris	Yellow Loosestrife	LF		
Malus domestica	Apple	R		
Mentha aquatica	Water Mint	LF		
, Mercurialis perennis	Dog's Mercury	A		
Myosotis scorpioides	Water Forget-me-not	LF		
Nuphar lutea	Yellow Water-lily	LF		
Nymphaea alba	White Water-lily	LF		
Phragmites australis	Common Reed	LF		
Picris echioides	Bristly Oxtongue	0		
Pinus sylvestris	Scots Pine	0		
Plantago major	Greater Plantain	0		
Poa nemoralis	Wood Meadow-grass	F		
Poa trivialis	Rough Meadow-grass	F		
Populus x canadensis	Hybrid Black-poplar	D		
Primula vulgaris	Primrose	F		
Prunella vulgaris	Selfheal	F		
Prunus avium	Wild Cherry	0		
Prunus domestica	Wild Plum	F		
Prunus laurocerasus	Cherry Laurel	R		
Prunus spinosa	Blackthorn	F		
Quercus robur	Pedunculate Oak	А		
Ranunculus repens	Creeping Buttercup	F		
Rosa arvensis	Field-rose	F		
Rubus fruticosus agg.	Bramble	F		
Rumex sanguineus	Wood Dock	F		
Salix cinerea	Grey Willow	F		
Salix fragilis	Crack-willow	0		
Sambucus nigra	Elder	F		
Senecio jacobaea	Common Ragwort	0		
Silene dioica	Red Campion	F		
Sonchus arvensis	Perennial Sow-thistle	0		
Stachys sylvatica	Hedge Woundwort	0		
Stellaria media	Common Chickweed	0		
Tilia cordata	Small-leaved Lime	R		
Torilis japonica	Upright Hedge-parsley	0		
Ulmus glabra	Wych Elm	0		
Urtica dioica	Common Nettle	A		
Veronica beccabunga	Brooklime	LF		
Veronica chamaedrys	Germander Speedwell	0		
Veronica montana	Wood Speedwell	0		



	Site Summary
Site Name	North Kyme Common (Northern Section)
Grid ref.	TF154542 - TF157548
Length (km.)	2.2
Parish	North Kyme & Billinghay
District	North Kesteven

Existing	Site of Nature Conservation Importance (SNCI)
Status	Purple moor grass and rush pasture priority habitat

Selection	Sw2: Other swamp, marsh and fen at least 0.5 ha in extent, with a			
Criteria Met	minimum species index score of 8			
	Comment: This site could also qualify under Mos2 as it is adjacent to			
	North Kyme common (Southern section) which qualifies as a Local			
	Wildlife Site.			

Species	Eight species from Table 8 of the Local Wildlife Site Guidelines for				
Index score	designation of swamp, marsh and fen were present on site.				
	Carex disticha Iris pseudacorus Phragmites australis				
	Carex otrubae Oenanthe fistulosa		Pulicaria dysenterica		
	Filipendula ulmaria	Phalaris arundinacea			

Additional	The main area of interest is between Twelve Foot Bank and B1189
comments	(west of road) and unfortunately this section is infested with the invasive
	alien Crassula helmsii. However it does retain a good number of species
	at present and even the areas of least interest may act as a useful buffer
	for the rest of North Kyme Common.

Site name	Gr	Grid reference							
North Kyme Common (northern section)	Т	F	1	5	9	5	4	7	Lincolnshire
Site sub-division	Da	ate							Environmental
	0	7		0	8	0		8	
	1	5		1	0	0		9	Records
Recorder(s)	Time on site					Centre			
Tim Inskipp & Alex Prendergast			11	nrs		45	mi	ns	

Woodland – semi-nat / plantation		Ru
Wet Woodland		Sp
Parkland / Wood-pasture / Orchard		Sta
Scrub – scattered / dense	Α	Re
Neutral Grassland – Unimp / Semi-imp	Μ	Gr
Calcareous Grassland – Unimp / Semi-imp		Sa
Acid Grassland – Unimp / Semi-imp		Sa
Damp Grassland / Marsh / Fen	Α	Br
Heathland / Acid Peatland		Ru
Bracken		Ar

Running Water	М
Spring / Flush / Blow Well	
Standing Water / Pond	А
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	х
Terrain / Vegetation	
Dogs / Grazing / Game	

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Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

A long, narrow area (11 ha) of Common Land on both banks of Billinghay Skirth, a stream that runs, within the site, west towards Billinghay and then south-west towards North Kyme. The waterway is 5-8 m wide and is flanked by reed sweet-grass *Glyceria maxima* banks on both sides; at the time of the survey both banks had been mown and few grasses or other plants were flowering. On the east side the site is bisected by the busy A153 Horncastle to Sleaford road.

Section between Twelve Foot Bank and B1189 (west of road):

Between the road and the Skirth is an area that is fairly flat and in places where it is wide enough there are depressions some of which are deep enough to harbour damp areas with slender tufted sedge *Carex acuta* and lesser pond sedge *Carex acutiformis*. This is the most diverse section of the site and the majority of species recorded were present in this area; however the margins of these seasonal pools are dominated by the invasive alien New Zealand pigmyweed *Crassula helmsii* which may threaten the interest of the site. Alder buckthorn *Frangula alnus* is present on the edge of the pool and tubular water-dropwort *Oenanthe fistulosa*, a species that is now classified as Vulnerable in the UK, was also present here.

Section between Twelve Foot Bank and B1189 (east of road):

On the east side of the road, a narrow grassy strip is flanked partly by a hedge and partly by house frontages – this section is dominated by rough and closely mown grassland and appears to support little of interest.

Section from B1189 east:

Dominated by rough grassland with little of apparent interest

Toad *Bufo bufo,* meadow brown *Maniola jurtina,* gatekeeper *Pyronia tithonus,* small tortoiseshell *Aglais urtica* and green-veined white *Pieris napi* were recorded from the site. Pike *Esox lucius,* perch Perca *fluviatilis* and minnow *Phoxinus phoxinus* were observed in the Skirth.

Additional features

Veteran / pollarded trees	
Planted specimen trees	
Standing / fallen dead wood	
Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	х
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	х
Access / visibility	
Educational potential	

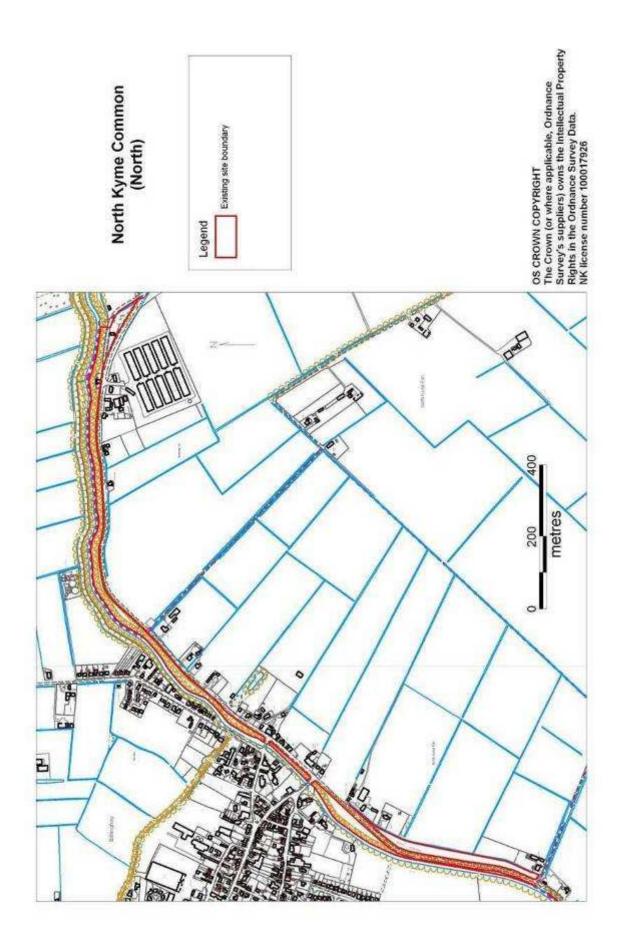
Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting - native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	х
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

North Kyme Common (No	orthern Section)				07/08/2008 & 15/10/09	
Scientific Name	Common Name	12ft Bank	12ft Bank	B1189	DAFOR	
Acer pseudoplatanus	Sycamore	(west)	(east)	east	O Score	DAFOR Scale
Acei pseudopiatarius Achillea millefolium	Yarrow	X	X	X	0	D = Dominant
Aesculus hippocastanum	Horse-chestnut	X		X	R	A = Abundant
Agrostis stolonifera	Creeping Bent	x x	x	x	F	F = Frequent
Alnus glutinosa	Alder		X	^	0	O = Occasional
Anius giutinosa Anisantha sterilis	Barren Brome	X			0	R = Rare
		X	V	X	F	R = Raie
Anthriscus sylvestris Arrhenatherum elatius	Cow Parsley	X	X	X		
	False Oat-grass	X	X	х	A F	L = Locally
Calystegia sepium	Hedge Bindweed	X			R	(P) = Planted
Capsella bursa-pastoris	Shepherd's-purse	X	X	х	F	
Carex acutiformis	Lesser Pond-sedge	х				
Carex disticha	Brown Sedge	X			0	
Carex otrubae	False Fox-sedge	X		-	0	
Cirsium arvense	Creeping Thistle	Х	Х	Х	F	
Cirsium vulgare	Spear Thistle	Х		x	F	
Convolvulus arvensis	Field Bindweed	Х		x	F	
	Australian Swamp					
Crassula helmsii	Stonecrop	X			0	
Crataegus monogyna	Hawthorn	X				
Crepis capillaris	Smooth Hawk's-beard	X			0	
Dactylis glomerata	Cock's-foot	X	X	X	F	
Deschampsia cespitosa	Tufted Hair-grass	X	X	X	0	
Elytrigia repens	Common Couch	Х	X	Х	F	
Epilobium hirsutum	Great Willowherb	Х	X	Х	F	
Epilobium parviflorum	Hoary Willowherb	Х	Х	Х	0	
Fallopia convolvulus	Black-bindweed	Х			R	
Filipendula ulmaria	Meadowsweet	Х			F	
Frangula alnus	Alder Buckthorn	Х		_		
Fraxinus excelsior	Ash	Х			0	
Galium aparine	Cleavers	Х			F	
Galium palustre	Marsh-bedstraw	Х			0	
Geranium dissectum	Cut-leaved Crane's-bill	Х			0	
Glechoma hederacea	Ground-ivy	х	х	х	0	
Glyceria maxima	Reed Sweet-grass	х		х	F	
Heracleum sphondylium	Hogweed	х	х	х	F	
Holcus lanatus	Yorkshire-fog	х	х	х	F	
Hordeum murinum	Wall Barley	х	х	х	0	
Iris pseudacorus	Yellow Iris	х			0	
Juncus inflexus	Hard Rush	х			0	
Lamium album	White Dead-nettle	х	х	х	0]

North Kyme Common (N	lorthern Section)				07/08/2008 & 15/10/09
Scientific Name	Common Name	12ft Bank (west)	12ft Bank (east)	B1189 east	DAFOR Score
Lapsana communis	Nipplewort	x	X	04.01	R
Lemna minor	Common Duckweed	x	X		0
Lolium perenne	Perennial Rye-grass	x	x	x	F
Lotus pedunculatus	Greater Bird's-foot-trefoil	x			0
Malus sylvestris	Crab Apple	x			R
Nymphoides peltata	Fringed Water-lily	x			R
Oenanthe fistulosa	Tubular Water-dropwort	x			0
Papaver dubium	Long-headed Poppy	x			R
Persicaria amphibia	Amphibious Bistort	x			0
Persicaria maculosa	Redshank	x			R
Phalaris arundinacea	Reed Canary-grass	x			F
Phragmites australis	Common Reed	x			0
Picris echioides	Bristly Oxtongue	x			R
Plantago major	Greater Plantain	х	х	x	0
Poa annua	Annual Meadow-grass	x	х	х	0
Poa trivialis	Rough Meadow-grass	х			F
Polygonum aviculare	Knotgrass	х			0
Potentilla anserina	Silverweed	х	х	х	0
Potentilla reptans	Creeping Cinquefoil	х	х	х	0
Pulicaria dysenterica	Common Fleabane	х			0
Quercus robur	Pedunculate Oak	х			R
Ranunculus repens	Creeping Buttercup	х	х	х	F
Ranunculus sceleratus	Celery-leaved Buttercup	х			R
Rorippa nasturtium- aquaticum	Water-cress	x			0
Rosa canina	Dog Rose	х			0
Rubus fruticosus agg.	Bramble	х	х	х	F
Rumex conglomeratus	Clustered Dock	х		х	0
Rumex obtusifolius	Broad-leaved Dock	х	х	х	F
Salix caprea	Goat Willow	х			0
Salix fragilis	Crack-willow	х			0
Sambucus nigra	Elder	х	х	х	F
Senecio erucifolius	Hoary Ragwort	х			0
Senecio jacobaea	Common Ragwort	х	х	х	0
Sisymbrium officinale	Hedge Mustard	х			R
Sonchus arvensis	Perennial Sow-thistle	х			0
Sonchus oleraceus	Smooth Sow-thistle	х			0
Spergularia marina	Lesser Sea-spurrey	х	х	x	R
Stellaria media	Common Chickweed	х			0
Taraxacum agg.	Dandelion	х	х	х	0
Torilis japonica	Upright Hedge-parsley	х	х		0
Urtica dioica	Common Nettle	х	х	х	F



Site Summary			
Site Name	North Kyme Common (Southern Section)		
Grid ref.	TF154542 - TF157548		
Area (ha.)	4.1		
Parish	North Kyme		
District	North Kesteven		

Existing	Site of Nature Conservation Importance (SNCI)
Status	Purple moor grass and rush pasture priority habitat.

Selection	FIo3: Rivers, streams, canals, drains and ditches with a minimum		
Criteria Met	species index score of 10		
	Sta2: Standing water with a minimum species index score of 8.		
	Sw2: Other swamp, marsh and fen at least 0.5 ha in extent, with a		
	minimum species index score of 8		
	Comment: This site also includes a number of neutral grassland		
	species but falls two points short of qualifying under this criterion.		
	Sections that are of limited interest qualify as Mos3 as they provide a		
	link between the sections of North Kyme common that are of interest.		

Species	15 species from Table x of the Local Wildlife Site Guidelines for					
Index score	designation of Freshwater habitats were present on site.					
	Alisma plantago-					
	aquatica					
	Carex acutiformis Myriophyllum spicatum		Scrophularia auriculata			
	Glyceria maxima	Oenanthe fistulosa	Sparganium erectum			
	Hottonia palustris Phalaris arundinacea Typha angu		Typha angustifolia			
	Lythrum salicaria	Phragmites australis	Typha latifolia			

Species	12 species from Table x of the Local Wildlife Site Guidelines for			
Index score	designation of Swamp, marsh and fen were present on site.			
Apium nodiflorumLythrum salicariaPhragmites australis				

Filipendula	ulmaria 🛛 Mentha aqu	atica Pulicaria dysenterica
Hottonia pa	lustris Oenanthe fi	istulosa Scrophularia auriculata
Lysimachia	Phalaris aru	Indinacea Sparganium erectum
nemorum		

Additional	Crassula helmsii is present in some of the pools nearby and poses great
comments	threat to the pond, which supports a good remnant fen flora.
	Despite the limited interest of the section between the pond and twelve
	foot bank it is considered worthwhile to include this section within the
	recommended LWS as it may serve as a buffer to the areas of North
	Kyme common that are of interest and it also links the northern and
	southern sections of the common.

Recommendations
This site is recommended for designation as a Local Wildlife Site (LWS) following the
original SNCI boundary.

Site name	Grid reference								
North Kyme Common (southern section)	Т	F	1	5	2	5	3	7	Lincolnshire
Site sub-division	Da	ite			•				
	0	8		0	8	0		8	Environmental
	0	9		0	9	0		9	Records
Recorder(s)	Tir	me	on	site	e				Centre
Tim Inskipp (2008), Alex Prendergast (2009)			1	hrs		50	mi	ins	

Woodland – semi-nat / plantation	
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	
Neutral Grassland – Unimp / Semi-imp	N
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	Α
Heathland / Acid Peatland	
Bracken	

Μ
А

Constraints

Early / Late survey	
Short visit / Weather	х
Hay cut	Х
Terrain / Vegetation	
Dogs / Grazing / Game	

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Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc – note if supplementary sheets attached)

A long, narrow area (4.1 ha) of Common Land on both banks of the Billinghay Skirth, a watercourse that runs, within the site, south-west to North Kyme from the junction of the A153 with a minor road to Drove Farm. The length within the site is 1150 m, and the width varies from 20-54 m. The waterway had few emergent plants other than reed sweet-grass *Glyceria maxima*, but much Canadian pondweed *Elodea Canadensis* and spiked water milfoil *Myriophyllum spicatum*.

Section 1: Pond

At the south end is a pond almost entirely choked by tall vegetation, mainly bulrushes *Typha latifolia* and *Typha angustifolia*, common reed *Phragmites australis* and reed sweet-grass, however the southern edge of the pond is of much greater interest. It had been excavated shortly before the 2009 survey revealing an abundance of remnant fenland species including white waterlily *Nymphaea alba* and water violet *Hottonia palustris*. Water plantain *Alisma plantago-aquatica*, fool's watercress *Apium nodiflorum* and water mint *Mentha aquatica* were also frequent on the margins. There was no sign of New Zealand pigmyweed *Crassula helmsii* in this southern pool.

An information board by the pond indicated that great crested newts *Triturus cristatus*, smooth newts *Triturus vulgaris*, and common frog *Rana temporaria* are present.

A few shrubs had clearly been planted here, including a mixed native hedge, weeping willow Salix x sepulcralis and bay willow Salix pentandra.

Section 2: pond to Twelve Foot Bank

Rough grassland dominated by common species, with little of interest however this section may provide a useful link between the northern and southern sections of the common.

Other incidental records of fauna from the site include mute swan *Cygnus olor,* coot *Fulica atra,* swallow Hirundo rustica, moorhen *Gallinula chloropus,* green-veined white *Pieris napi,* small tortoiseshell *Aglais urticae,* peacock *Inachis io,* ruddy darter *Sympetrum sanguineum,* banded demoiselle *Calopteryx splendens* and blue-tailed dalfmsely *Ischnura elegans,* and an abundance of fish including minnows *Phoxinus phoxinus,* pike *Esox lucius* and perch *Perca fluviatilis.*

Additional features

Anthills	Areas with frequent / prolonged flooding	
Bare ground	Seasonally wet / damp areas	х
Rock outcrops	Earthworks / hummocky ground	
	Bare ground	Bare ground Seasonally wet / damp areas

Sap runs on / holes in trees	
Tussocky vegetation	х
Abundant nectar sources	
Structural diversity	

Steep slopes	
South facing slopes	
Ridge and furrow	

Ditches – shallow / deep	
Hedgerows – spp rich / poor	х
Access / visibility	
Educational potential	

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	
Non-intervention (woodland)	

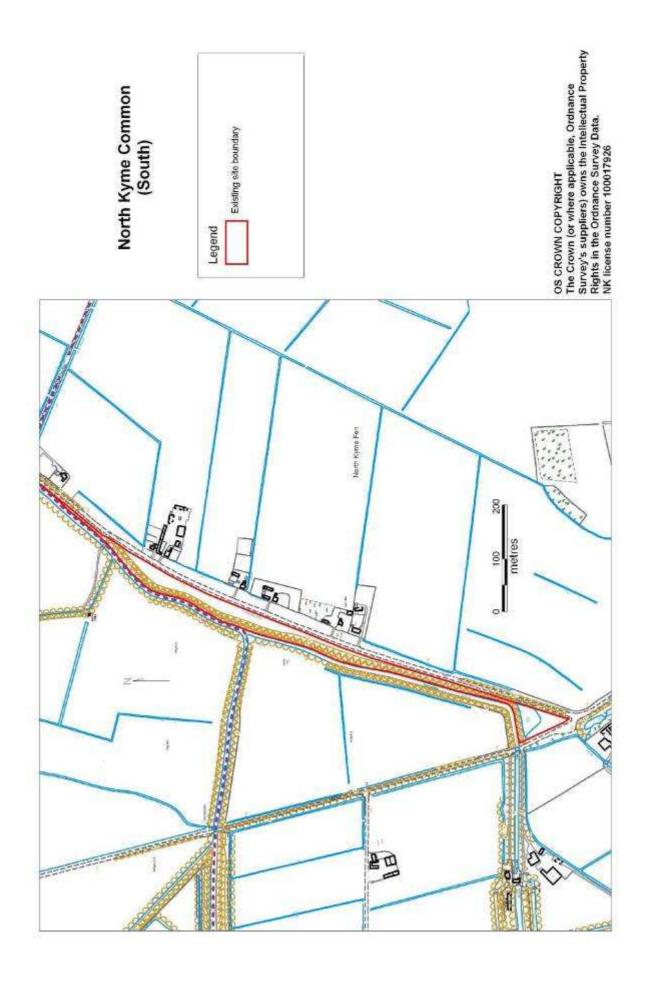
No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	х
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

North Kyme Common (So	uthern Section)			08/08/2008 & 09/09/09]
Scientific Name	Common Name	Pond	Pond to 12ft Bank	DAFOR Score	
Acer pseudoplatanus	Sycamore		x	0	DAFOR Scale
Achillea millefolium	Yarrow	х	х	0	D = Dominant
Aesculus hippocastanum	Horse Chestnut		x	R	A = Abundant
Agrostis stolonifera	Creeping Bent	х	х	F	F = Frequent
Alisma plantago-aquatica	Water-plantain	х		0	O = Occasional
Anthriscus sylvestris	Cow Parsley	х	x	0	R = Rare
Apium nodiflorum	Fool's watercress	х	х	F	
Arctium minus	Lesser Burdock	х	x	R	L = Locally
Arrhenatherum elatius	False Oat-grass	х	x	А	(P) = Planted
Calystegia sepium	Hedge Bindweed	х	x	0	
Carex acuta	Slender tufted sedge	х		0	-
Carex acutiformis	Lesser pond sedge	х		0	
Centaurea nigra	Common Knapweed	х	х	R	
Cirsium arvense	Creeping Thistle	х	x	F	-
Cirsium vulgare	Spear Thistle	х	x	F	
Convolvulus arvensis	Field Bindweed	х	х	0	-
Corylus avellana	Hazel	х		R	
Crataegus monogyna	Hawthorn	х	х	F	-
Dactylis glomerata	Cock's-foot	х	х	F	
Deschampsia cespitosa	Tufted Hair-grass	х	x	0	
Elodea canadensis	Canadian Waterweed		x	F	
Elytrigia repens	Common Couch	х	х	F	-
Epilobium hirsutum	Great Willowherb	х	x	F	
Fallopia japonica	Japanese Knotweed		х	R	-
Festuca rubra	Red Fescue	х	х	F	-
Filipendula ulmaria	Meadowsweet	х		0	
Fraxinus excelsior	Ash	х	х	0	
Galium aparine	Cleavers		x	F	
Galium palustre	Common Marsh-bedstraw	х		0	
Geranium dissectum	Cut-leaved Crane's-bill	х	х	0	
Glechoma hederacea	Ground-ivy	х	х	0	
Glyceria maxima	Reed Sweet-grass	х	х	F	
Heracleum sphondylium	Hogweed	х	х	0	
Holcus lanatus	Yorkshire-fog	х	х	F	
Hottonia palustris	Water-violet	х		0	

North Kyme Common (So	outhern Section)			08/08/2008 & 09/09/09
Scientific Name	Common Name	Pond	Pond to 12ft Bank	DAFOR Score
Juncus effusus	Soft Rush	x	x	F
Juncus inflexus Hard Rush		x	x	0
Lamium album	White Dead-nettle	х	х	0
Lapsana communis	Nipplewort	x	~	0
Lathyrus pratensis	Meadow Vetchling	x	х	0
Lemna minor	Common Duckweed	x	~	0
Leontodon autumnalis	Autumn Hawkbit	x	х	0
Leucanthemum vulgare	Oxeye Daisy	x	x	R
Ligustrum vulgare	Wild Privet	x	~	0
Lolium perenne	Perennial Rye-grass	x	x	F
Lotus corniculatus	Common Bird's-foot-trefoil	x	~	0
Lysimachia nummularia	Creeping-jenny	x		0
Lythrum salicaria	Purple-loosestrife	x		0
Medicago lupulina	Black Medick	x	x	0
Mentha aquatica	Water Mint	x	x	0
Myriophyllum spicatum	Spiked Water-milfoil			0
Nymphaea alba	White Water-lily	X X	Х	R
Oenanthe fistulosa				0
	Tubular Water-dropwort	X		0
Persicaria amphibia	Amphibious Bistort	X		0
Persicaria hydropiper	Water-pepper	X		-
Persicaria maculosa	Redshank	X	Х	R F
Phalaris arundinacea	Reed Canary-grass	X		
Phragmites australis	Common Reed	Х		F
Picris echioides	Bristly Oxtongue	х	х	0
Plantago lanceolata	Ribwort Plantain	Х	х	0
Plantago major	Greater Plantain	х	х	0
Polygonum aviculare	Knotgrass	х	х	R
Potentilla anserina	Silverweed	X	Х	R
Potentilla reptans	Creeping Cinquefoil	х	Х	0
Pulicaria dysenterica	Common Fleabane	Х		0
Prunella vulgaris	Selfheal	х	x	0
Prunus spinosa	Blackthorn	х		0
Quercus robur	Pedunculate Oak	х		0
Ranunculus repens	Creeping Buttercup	х	х	F
Rorippa nasturtium-				
aquaticum	Water-cress	х		R
Rosa canina	Dog Rose	Х		0
Rosa rubiginosa	Sweet-briar	х		R
Rubus fruticosus agg.	Bramble	х	х	0
Rumex conglomeratus	Clustered Dock	х		0
Rumex crispus	Curled Dock	х		0
Rumex obtusifolius	Broad-leaved Dock	х	х	0
Rumex sanguineus	Wood Dock	х	х	0
Salix x sepulcralis	Hybrid Willow	х		0
Salix pentandra	Bay Willow	х		R
Sambucus nigra	Elder	х	х	0
Scrophularia auriculata	Water Figwort	х		0
Senecio jacobaea	Common Ragwort	х	х	0
Sinapis arvensis	Charlock		х	R
Solanum dulcamara	Bittersweet	х		0

North Kyme Common (Southern Section)				08/08/2008 & 09/09/09
Scientific Name Common Name		Pond	Pond to 12ft Bank	DAFOR Score
Sonchus arvensis	Perennial Sow-thistle	х	х	0
Sonchus asper	Prickly Sow-thistle	х	х	R
Sparganium erectum	Branched Bur-reed	х	х	0
Stachys sylvatica	Hedge Woundwort	х	х	R
Taraxacum agg.	Dandelion	х	х	0
Torilis japonica Upright Hedge-parsley		х	х	0
Trifolium dubium	bium Lesser Trefoil		х	R
Trifolium pratense	Red Clover	х	х	0
Trifolium repens	White Clover	х	х	F
Typha angustifolia	Lesser Bulrush	х		0
Typha latifolia	Bulrush	х		0
Urtica dioica	Common Nettle	х	х	А
Viburnum opulus	Guelder-rose	х		R
Vicia cracca	Tufted Vetch	х		0
Vicia sativa	Common Vetch	х	х	0



Grid Square TF16

Site Summary	
Site Name	Blankney Wood
Grid ref.	TF109619
Area (ha.)	20.74
Parish	Blankney
District	North Kesteven

Existing	Site of Nature Conservation Importance (SNCI)
Status	Ancient Semi-Natural Woodland and Ancient Replanted Woodland ,

Selection	WD1/1a: All semi-natural or replanted ancient woodland listed in Natural
Criteria Met	England's Ancient Woodland Inventory
	Comment: The majority of the site (17.5 ha.) is included as either semi-
	natural ancient woodland or replanted ancient woodland.

Species	14 species from Table 1 of the Local Wildlife Site Guidelines for			
Index score	designation of woodland and parkland were present on site.			
	Carex remota	Carex remota Hypericum hirsutum Prunus avium		
	Carex sylvatica	Lamiastrum galeobdolon	Scrophularia nodosa	
		subsp. montanum		
	Cornus sanguinea	Mercurialis perennis	Tilia cordata	
	Corylus avellana	Poa nemoralis	Viola reichenbachiana	
	Dipsacus pilosus	Primula vulgaris		

Additional	Most of the interest of this site is confined to the broadleaved woodland
comments	which covers approximately a third of the site.

Site name	G	id reference							
Blankney Wood	Т	F	1	0	9	6	1	9	Lincolnshire
Site sub-division	Da	ate							Environmental
	1	8	5	0	8	0		9	Records
Recorder(s)	Ti	me	or	n site	e				Centre
Alex Prendergast			2	hrs		0	mi	ns	

Woodland – semi-nat / plantation	M
Wet Woodland	
Parkland / Wood-pasture / Orchard	
Scrub – scattered / dense	Α
Neutral Grassland – Unimp / Semi-imp	
Calcareous Grassland – Unimp / Semi-imp	
Acid Grassland – Unimp / Semi-imp	
Damp Grassland / Marsh / Fen	
Purple Moor Grass and Rush Pasture	
Heathland / Acid Peatland	
Bracken	Α

Running Water	
Spring / Flush / Blow Well	
Standing Water / Pond	
Reedbed	
Grazing Marsh	
Sand Dune / Saline Lagoon	
Saltmarsh / Mudflat	
Brownfield Mosaic	
Ruderal	
Arable / Improved Grassland	

Constraints

Early / Late survey	
Short visit / Weather	
Hay cut	
Terrain / Vegetation	
Dogs / Grazing / Game	

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Management Plan	
Advice being followed	
Woodland Grant Scheme	
HLS / ELS / OEL	

Site description (including fauna; rare/notable spp (with grid refs.); etc - note if supplementary sheets attached)

A mixed woodland with areas of pine plantation and broadleaved woodland. The edges appear to have been left intact, as has a significant area of small-leaved lime *Tilia cordata* woodland.

Scots pine *Pinus sylvestris* plantation dominates much of the woodland. This area has a typical ground flora largely comprised of broad buckler fern *Dryopteris dilatata*, elder *Sambucus nigra* and bramble *Rubus fruticosus* agg. Honeysuckle *Lonicera periclymenum* and mountain ash *Sorbus aucuparia* are occasional.

Approximately one-third of the wood is under broad-leaved woodland locally dominated by small-leaved lime and ash *Fraxinus excelsior* with most of the canopy trees having been coppiced in the past. Wild cherry *Prunus avium* is occasional. A colony of English elm *Ulmus procera* is present in the south of the wood; these young trees are displaying symptoms of Dutch elm disease. Hawthorn *Crataegus monogyna*, dogwood *Cornus sanguineus* and coppiced hazel *Corylus avellana* are frequent in the shrub layer. The field layer under the small-leaved limes supports various ancient woodland indicator species including remote sedge *Carex remota*, wood sedge *Carex sylvatica*, enchanter's nightshade *Circaea lutetiana*, small teasel *Dipsacus pilosus*, hairy St. John's wort *Hypericum hirsutum*, yellow archangel *Lamiastrum galeobdolon* ssp. *montanum*, common figwort *Scrophularia nodosa* and early dog violet *Viola reichenbachiana*. Male fern *Dryopteris filix-mas* is frequent. This area is likely to support a range of early-flowering species and therefore merits a further spring survey.

The edges of the woodland support a similar community – fungi are noticeably abundant along the northern edge. Fungal species recorded include *Inocybe cookii*, *Xerocomus parasiticus*, *Scleroderma citrinum*, *Mycena galericulata* and *Xyleria polymorpha*.

Elder scrub and bracken Pteridium aquilinum dominates the south-eastern corner of the woodland.

A wide, damp and tussocky ride in the centre of the wood supports bugle *Ajuga reptans*, false fox sedge *Carex otrubae* and meadowsweet *Filipendula ulmaria*, and is bordered by stands of small teasel which attract abundant butterflies (speckled wood *Pararge aegeria*, brimstone *Gonepteryx rhamni*, small tortoiseshell *Aglais urticae* and peacock *Inachis io*), hoverflies and bumblebees (*Bombus pascuorum* and *B. terrestris*).

Other incidental records of fauna from the site include mole *Talpa europaea*, fox *Vulpes vulpes*, rabbit *Oryctolagus cuniculus*, woodpigeon *Columba palumbus*, buzzard *Buteo buteo*, blackbird *Turdus merula*, magpie *Pica pica*, white-lipped snail *Cepaea hortensis* and hairy snail *Trichia hispida*.

Additional features

х
х
х
х

Anthills	
Bare ground	
Rock outcrops	
Steep slopes	
South facing slopes	
Ridge and furrow	

Areas with frequent / prolonged flooding	
Seasonally wet / damp areas	
Earthworks / hummocky ground	
Ditches – shallow / deep	
Hedgerows – spp rich / poor	
Access / visibility	
Educational potential	

Appropriate management	
Inappropriate management	
Scrub encroachment	
Scrub removal	
Coppicing / selective felling	
Re-planting – native / non-native	
Ride mowing (woodland)	х
Non-intervention (woodland)	

No grazing / cutting	
Grazing by cattle	
Grazing by sheep	
Grazing by horses	
Grazing by rabbits	
Other grazing	
Poaching	
Controlled burning	

Silage / hay / hay with grazing	
Mowing and non-removal	
Frequent short mowing	
Fertiliser / pesticide / herbicide use	
Excessive drainage	
Off-road vehicle damage	
Fly tipping / pollution / fires	
Invasive species	

Blankney Wood		18/08/2009	
Scientific Name	Common Name	DAFOR Score	
Acer campestre	Field Maple	F	DAFOR Scale
Acer pseudoplatanus	Sycamore	0	D = Dominant
Ajuga reptans	Bugle	F	A = Abundant
Arctium minus	Lesser Burdock	F	F = Frequent
Arrhenatherum elatius	False Oat-grass	0	O = Occasional
Arum maculatum	Lords-and-Ladies	0	R = Rare
Betula pubescens	Downy Birch	0	
Bryonia dioica	White Bryony	0	L = Locally
Carex otrubae	False Fox-sedge	LF	(P) = Planted
Carex remota	Remote Sedge	F	
Carex sylvatica	Wood-sedge	F	
Cerastium fontanum	Common Mouse-ear	LF	
Chamerion angustifolium	Rosebay Willowherb	0	
Circaea lutetiana	Enchanter's-nightshade	F	
Cirsium palustre	Marsh Thistle	LF	
Cirsium vulgare	Spear Thistle	0	
Cornus sanguinea	Dogwood	0	
Corylus avellana	Hazel	F	
Crataegus monogyna	Hawthorn	F	
Crataegus x media	Hawthorn	F	
Dipsacus fullonum	Wild Teasel	0	
Dipsacus pilosus	Small Teasel	F	
Dryopteris dilatata	Broad Buckler-fern	А	
Dryopteris filix-mas	Male-fern	F	
Filipendula ulmaria	Meadowsweet	LF	
Fraxinus excelsior	Ash	F	
Geranium robertianum	Herb-Robert	F	
Geum urbanum	Wood Avens	F	
Glechoma hederacea	Ground-ivy	F	
Hedera helix ssp. helix	Common Ivy	F	
Heracleum sphondylium	Hogweed	0	
Hypericum hirsutum	Hairy St John's-wort	0	
Juncus effusus	Soft-rush	LF	

Blankney Wood		18/08/2009
Scientific Name	Common Name	DAFOR Score
Lamiastrum galeobdolon subsp.		
montanum	Yellow Archangel	0
Lapsana communis	Nipplewort	0
Lonicera periclymenum	Honeysuckle	F
Lotus pedunculatus	Greater Bird's-foot-trefoil	LF
Malus domestica	Apple	0
Mercurialis perennis	Dog's Mercury	F
Pinus sylvestris	Scots Pine	LD
Poa nemoralis	Wood Meadow-grass	F
Populus x canadensis	Hybrid Black-poplar	0
Potentilla anserina	Silverweed	LF
Primula vulgaris	Primrose	0
Prunella vulgaris	Selfheal	0
Prunus avium	Wild Cherry	0
Prunus domestica	Wild Plum	F
Prunus spinosa	Blackthorn	F
Pteridium aquilinum	Bracken	LD
Quercus robur	Pedunculate Oak	0
Ranunculus repens	Creeping Buttercup	0
Rosa arvensis	Field-rose	0
Rubus fruticosus agg.	Bramble	F
Rumex obtusifolius	Broad-leaved Dock	LF
Rumex sanguineus	Wood Dock	F
Salix cinerea	Grey Willow	0
Sambucus nigra	Elder	F
Scrophularia nodosa	Common Figwort	0
Senecio jacobaea	Common Ragwort	0
Silene dioica	Red Campion	F
Sorbus aucuparia	Rowan	F
Stachys sylvatica	Hedge Woundwort	F
Stellaria media	Common Chickweed	F
Tilia cordata	Small-leaved Lime	LD
Ulmus procera	English Elm	LF
Urtica dioica	Common Nettle	LF
Veronica chamaedrys	Germander Speedwell	0
Viola reichenbachiana	Early Dog-violet	0

