

CORE STRATEGY

TOPIC PAPER

Biodiversity and Geodiversity

November 2016



BIODIVERSITY AND GEODIVERSITY TOPIC PAPER

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1.0 INTRODUCTION

1.1 Section 40 of the Act the Natural Environment and Rural Communities (NERC) Act requires all public bodies to have regard to biodiversity conservation when carrying out their functions. This is commonly referred to as the 'biodiversity duty'. This includes, though does not exclusively relate to, the carrying out of the forward planning and development management processes.

1.2 The National Planning Policy Framework (NPPF) sets out the background to the approach for plan making and decision making. Its 12 Core Principles includes "contributing to conserving and enhancing the natural environment". Chapter 11 of the NPPF focuses on this in more detail. Paragraph 110 states that "Plans should allocate land with the least environmental or amenity value, where consistent with other policies in this Framework." Paragraph 113 goes on to say "Local planning authorities should set criteria based policies against which proposals for any development on or affecting protected wildlife or geodiversity sites or landscape areas will be judged. Distinctions should be made between the hierarchy of international, national and locally designated sites, so that protection is commensurate with their status and gives appropriate weight to their importance and the contribution that they make to wider ecological networks." The NPPF also requires Local Plans to set a strategic approach to planning positively for the creation, protection, enhancement and management of networks of biodiversity and green infrastructure; and to maintain the character of the undeveloped coast, particularly in areas defined as Heritage Coast, including improving public access to and enjoyment of the coast."

1.3 Furthermore, paragraph 117 states that planning policies should : plan for biodiversity at a landscape-scale across local authority boundaries; identify and map international, national and locally designated sites of importance for biodiversity, wildlife corridors and stepping stones that connect them; promote the preservation, restoration and re-creation of priority habitats, ecological networks, priority species populations, and identify suitable indicators for monitoring biodiversity in the plan; aim to prevent harm to geological conservation interests; and give due consideration to Nature Improvement Areas where identified.

1.4 Paragraph 118 covers development management: "When determining planning applications, local planning authorities should aim to conserve and enhance biodiversity by applying the following principles:

- if significant harm resulting from a development cannot be avoided (through locating on an alternative site with less harmful impacts), adequately mitigated, or, as a last resort, compensated for, then planning permission should be refused;
- proposed development on land within or outside a Site of Special Scientific Interest likely to have an adverse effect on a Site of Special Scientific Interest (either individually or in combination with other developments) should not normally be permitted. Where an adverse effect on the site's notified special interest features is likely, an exception should only be made where the benefits of the development, at this site, clearly outweigh both the impacts that it is likely to have on the features of the site that make it of special scientific interest and any broader impacts on the national network of Sites of Special Scientific Interest;
- development proposals where the primary objective is to conserve or enhance biodiversity should be permitted;
- opportunities to incorporate biodiversity in and around developments should be encouraged;
- planning permission should be refused for development resulting in the loss or deterioration of irreplaceable habitats, including ancient woodland and the loss of aged

or veteran trees found outside ancient woodland, unless the need for, and benefits of, the development in that location clearly outweigh the loss; and

•the following wildlife sites should be given the same protection as European sites:

–potential Special Protection Areas and possible Special Areas of Conservation;

–listed or proposed Ramsar sites; and

–sites identified, or required, as compensatory measures for adverse effects on European sites, potential Special Protection Areas, possible Special Areas of Conservation, and listed or proposed Ramsar sites.

2.0 BACKGROUND

International Sites

2.1 Within the boundaries of East Lindsey District Council's administrative area there are currently nine internationally designated areas; there is some overlap between the sites. Some of these sites extend beyond the District's boundary and form part of a wider designated area. These sites receive the highest level of protection and are enshrined in national legislation.

Humber Estuary : Special Area of Conservation (SAC), Special Protection Area (SPA) and Ramsar sites;

Gibraltar Point : SPA and Ramsar sites;

The Wash : SPA and Ramsar sites;

Saltfleetby – Theddlethorpe Dunes and Gibraltar Point : SAC; and

The Wash and North Norfolk Coast SAC.

National Sites

2.2 There are currently 46 sites within the district designated at a national level as Sites of Special Scientific Interest (SSSIs). Some these sites are also coincide with the internationally designated sites shown in paragraph 2.1 above. Some have also been designated at a local level, some are National Nature Reserves and others Lincolnshire Wildlife Trust Reserves. The list of these sites is shown in appendix 1.

Local Sites

2.3 At a local level, there is currently a parallel system in operation. In March 1993, the Lincolnshire Trust for Nature Conservation (Lincolnshire Wildlife Trust as it is now known) sent the Council a schedule of sites to be protected as Sites of Nature Conservation Importance (SNCI), which was the name given to sites protected at a local level across Lincolnshire. The document stated that "The Trust maintains a databank for sites of wildlife and geological interest within the county. Files on more than 2000 sites are held which include details of ownership, management and scientific data. This schedule lists those sites for which information is held and which are believed by the Trust to be of more than ordinary importance for conservation. Data for other sites is also held, but only those which stand out from the generality of the countryside are included here. Omission does not necessarily imply that a site is of low importance"

2.4 Since 1993, the Council has used this schedule as the list of locally designated sites, SNCIs. Should the Lincolnshire Trust inform the Council that its records show a site is worthy of more detailed consideration when a planning application is received,

this would be looked at. However, the sites in the schedule are the only sites for which the Council has been provided with maps and location details.

2.5 In 2006, a change was made to the system locally with the introduction of criteria for the designation of Local Wildlife Sites (LWSs) and Local Geological sites (LGSs); these have since been updated in 2013. The Lincolnshire Biodiversity Action Plan (BAP) at that time included Action Plans and two of the key actions in respect of Local Wildlife sites were to resurvey all existing Sites of Nature Conservation Importance (SNCIs) to assess them against Local Wildlife Site criteria by 2010; and to identify and survey potential new Local Wildlife Sites by 2015. This was also a Local Area Agreement (LAA) target.

2.6 In 2008, the Council commissioned Ecology Consultancy to carry out a review of existing Local Sites (SNCIs) within East Lindsey. Surveys of some of existing SNCIs had already been completed as part of other projects; so the Council sought surveys for those sites that remained, based on the list in the 1993 schedule. The sites to be resurveyed did not include sites already protected at the higher level, or those that were in the guardianship of the Lincolnshire Wildlife Trust. In addition an assessment was carried out of sites with potential for future designation as Local Wildlife Sites, based on the priority habitats in the BAP, which were ultimately be passed to the Local Wildlife Sites Panel for consideration.

2.7 The survey covered 216 sites and was carried out over two years. The majority of these sites were subject to survey, however, there were some sites which it was not possible to survey as landowner details could not be found to seek permission to access land or because the landowner refused permission to access the land. Therefore, 175 were surveyed in full and a further 24 were surveyed from adjacent land with public access. It was not possible to survey the remaining 17 sites due to lack of access. Thus a total of 199 sites were surveyed during 2008-2009. A summary of the work carried out is attached as appendix 2.

2.8 The sites were considered by the Local Wildlife Sites Panel over a period of months and those sites deemed to meet the criteria were added to the Council's digital mapping system as Local Wildlife Sites (LWSs). For some of the sites considered by the panel, there was insufficient data on which to make a decision and another survey would be needed at a later date; sometimes due to the time of year that the survey was carried out or because there were signs of improvement on the site and additional time was needed to assess this improvement.

2.9 Sites found to no longer meet the criteria for a LWS were de-designated as SNCIs and removed from the Council's digital mapping system. However, there remained the SNCIs which required resurvey, or for which no landowner details could be found or where the landowner had refused entry to the land to carry out the survey. In none of these circumstances is de-designation considered appropriate; only a survey of the site and consideration against the LWS criteria should lead to this outcome. Therefore, for the foreseeable future, the system will have to operate in tandem with the SNCI designation remaining until sites can adequately be assessed and become LWSs (or not as the case may be).

2.10 65 additional sites were surveyed in response to the BAP. Of these Ecology Consultancy determined that 27 met the LWS criteria, 2 required additional survey work; the remainder were not considered to meet the criteria.

2.11 The Lincolnshire BAP is currently on its 3rd Edition. The BAP still contains the target for remaining SNCIs to be assessed against LWS criteria.

There is also a target to designate all sites meeting criteria in LWS guidelines and maintain a sound evidence base by monitoring all LWSs every 5- 10 years. Both these targets cite Local Authorities as partners in this process, although the reduction in Local Authority funding over recent years means that, in the case of East Lindsey, there is little opportunity to fund this work at the current time. The Lincolnshire Biodiversity Partnership operated between 2007 and 2012 bringing together partners with an interest in and responsibility for biodiversity. In autumn 2012 the Partnership formally gained Local Nature Partnership status, and changed its name to the Greater Lincolnshire Nature Partnership (GLNP). While the Council supports the work of the Partnership, and is recognised as a partner of the organisation, it has not been able to join as a funding partner at this stage due to financial constraints.

2.12 With respect to the system of local sites, sites are selected by the Nature Partnership, based on recommendations made by its expert working groups known as the LWS Panel and LGS Panel. The Register of Local Sites is then submitted for inclusion within local authority planning policy. The sites that have been notified to the Council have been mapped on its digital mapping system and are referred to throughout the planning system. The Council is aware that additional sites may have been considered by the Wildlife Sites panel but details of these sites has not been forthcoming as the Council is not a funding partner of the GLNP. The Council can only protect the sites that it is notified meet the LWS criteria. Should the Council be notified, through the planning application process, that a site meeting the LWS criteria may be affected by development, it will give the site due consideration through the planning process.

3.0 EAST LINDSEY LOCAL PLAN POLICY FRAMEWORK

3.1 The first East Lindsey Local Plan, in 1995, contained a suite of policies covering the different levels of biodiversity. The current Plan brings this together in one policy covering biodiversity and geodiversity (now numbered SP24), which is part of a wider suite of policies also covering landscape and green infrastructure.

3.2 The policy seeks for development to protect and enhance biodiversity, minimising fragmentation and maximising opportunities for biodiversity; it sets out the nationally recognised hierarchy of protection for designated sites; sets out the avoidance-mitigation-compensation hierarchy in respect of development; positively seeks the creation of networks of sites; and includes a criterion on ancient woodland and veteran trees.

3.3 The policy states that the Council will protect sites designated internationally, nationally and locally for their biodiversity and geodiversity. This protection is not fixed at a point in time. The spatial representation of sites can only reflect the current sites for which the Council has information. It is acknowledged that there are still sites to be reviewed under the local scheme of designation and that there may be other sites locally, nationally and internationally that are subsequently deemed to meet the respective criteria for designation and these sites will benefit from the appropriate degree of protection once they are notified to the Council.

3.4 The majority of the protected sites within East Lindsey are in rural locations. With a district of over 700 square miles, it is not easy for these to be visible on a paper based proposals map. While sites that coincide with the inset maps, showing the areas of growth, show the designated sites (whatever level they are protected at), the more remote sites will not appear. However, the PDF version of the proposals map is available on line and it is possible to zoom in to see these sites. The LWSs and the SNCIs that the Council hold in its records are shown in appendix 3.

Appendix 1 – Sites of Special Scientific Interest

N.B. Bold text indicates internationally designated sites

SITE	ADDITIONAL DESIGNATION	EAST	NORTH
Bardney Limewoods, Little Scrubbs Wood	National Nature Reserve (NNR)	514468.2	374395.5
Bardney Limewoods, Hatton Wood	National Nature Reserve (NNR), Site Of Nature Conservation Interest (SNCI)	516476.3	374961.3
Benniworth Haven Cuttings		522591.6	382428.7
Bratoft Meadows	Lincolnshire Wildlife Trust (TR), Site Of Nature Conservation Interest (SNCI)	548467.1	363977.3
Bratoft Meadows	Lincolnshire Wildlife Trust (TR), Site Of Nature Conservation Interest (SNCI)	548409.2	363882.4
Calceby Marsh		539811.8	377259.4
Candlesby Hill	Lincolnshire Wildlife Trust (TR), Site Of Nature Conservation Interest (SNCI)	546061.9	368239.7
Chapel Point - Wolla Bank.	Geological Site, Site Of Nature Conservation Interest (SNCI)	556083.3	374133.3
Claxby Chalk Pit	Lincolnshire Wildlife Trust (TR), Site Of Nature Conservation Interest (SNCI)	545011.2	371712.9
Dalby Hill	Geological Site, Site Of Nature Conservation Interest (SNCI)	540901.5	369570.1
Fulsby Wood	Site Of Nature Conservation Interest (SNCI)	525575.7	361389.2
Gibraltar Point, Part Of The Wash	National Nature Reserve (NNR), Local Nature Reserve (LNR), Special Protection Area, E.E.C Birds Directive (SPA), Wetland Of International Importance (Ramsar Site), (WII) , Special Area Of Conservation (SAC)	556541.2	359256.9
Goslings Corner	Site Of Nature Conservation Interest (SNCI)	514239.3	375276.9
Hainton Sheepwalk	Site Of Nature Conservation Interest (SNCI)	518455.6	386134.4
Harrington Hall Sand Pit	Geological Site, Site Of Nature Conservation Interest (SNCI)	536135.2	371915.2
High Barn, Oxcombe	Site Of Nature Conservation Interest (SNCI)	532193.2	376525
Hoplands Wood	Lincolnshire Wildlife Trust (TR), Site Of Nature Conservation Interest (SNCI)	546037.2	371573.1
Hundleby Clay Pit	Geological Site, Site Of Nature Conservation Interest (SNCI)	538259	366022.3
Huttoft Bank Pits	Lincolnshire Wildlife Trust (TR)	553368.3	379347.3
Jenkins Carr	Site Of Nature Conservation Interest (SNCI)	538745.5	364274.5
Keal Carr	Site Of Nature Conservation Interest (SNCI)	538351.3	364914.4
Kirkby Moor	Lincolnshire Wildlife Trust (TR), Site Of Nature Conservation Interest (SNCI)	521936.8	362836.5
Mavis Enderby Valley	Site Of Nature Conservation Interest (SNCI)	536573.2	367341.9
Moor Farm	Lincolnshire Wildlife Trust (TR), Site Of Nature Conservation Interest (SNCI)	522188.9	363757.4

Muckton Wood	Lincolnshire Wildlife Trust (TR)	538201.5	381181.5
New England Valley	Site Of Nature Conservation Interest (SNCI)	533586.9	373510
North Lincolnshire Coast, Part Of the Humber Flats, Marshes and Coast.	Special Protection Area (SPA), Wetland Of International Importance (WII), (Ramsar Site), Special Area Of Conservation (SAC), National Nature Reserve (NNR)	543174.6	397468.9
Red Hill	Local Nature Reserve (LNR), Site Of Nature Conservation Interest (SNCI)	526376.9	380670.8
Saltfleetby-Theddlethorpe Dunes (includes Toby's Hill, SSSI)	National Nature Reserve (NNR), Special Protection Area (SPA), (EEC Birds Directive), Special Area Of Conservation (SAC).	548176.3	390883.2
Sea Bank Clay Pits	Lincolnshire Wildlife Trust (TR), Site Of Nature Conservation Interest (SNCI)	554926.8	375990.5
Silverines Meadows	Lincolnshire Wildlife Trust (TR), Site Of Nature Conservation Interest (SNCI)	526002.5	378943
Skendleby Psalter Banks	Lincolnshire Wildlife Trust (TR), Site Of Nature Conservation Interest (SNCI)	544192.2	371639.3
Sotby Meadows	Lincolnshire Wildlife Trust (TR), Site Of Nature Conservation Interest (SNCI)	520389.2	377919.8
Swaby Valley	Lincolnshire Wildlife Trust (TR), Site Of Nature Conservation Interest (SNCI)	539184.8	377650.3
Tattershall Carrs	Woodland Trust Reserve (WT), Site Of Nature Conservation Interest (SNCI)	521465.7	359222.8
Tattershall Old Gravel Pits	Ste Of Nature Conservation Interest (SNCI)	519718.6	359510
Tetford Wood	Site Of Nature Conservation Interest (SNCI)	533088.7	376003.6
Tetney Blow Wells	Lincolnshire Wildlife Trust (TR), Site Of Nature Conservation Interest (SNCI)	532070.2	400713.7
The Wash, Marine.	Wetland Of International Importance (WII), (Ramsar Site), Special Area Of Conservation (SAC), Special Protection Area (SPA), (EEC Birds Directive)	552407.2	352729.5
Troy Wood		525190.8	358920.8
Willoughby Meadow	Lincolnshire Wildlife Trust (TR), Site Of Nature Conservation Interest (SNCI)	547262.7	371282.8
Willoughby Wood		546198.1	370774.5
Welton-Le-Wold Old Gravel Pits	Geological Site	528350.5	388291
Winceby Rectory Pit	Geological Site, Site Of Nature Conservation Interest (SNCI)	532040.3	368569.9
Withcall And South Willingham Tunnels	Site Of Nature Conservation Interest (SNCI)	523928.8	382608.7
Woodhall Spa Golf Course	Site Of Nature Conservation Interest (SNCI)	520955.2	364261.7

Appendix 2 – Local Wildlife Sites Review

SEE ATTACHED DOCUMENT

Appendix 3 - Locally Designated Sites

Local Wildlife Sites

SITE_NAME	STATUS	HABITAT
Adam's Head Spring	pLWS	Springs and pool
Anderby Creek Sand Dunes	LWS	Sand dunes
Ash Holt, Langton	LWS	Woodland
Ash Holt, Roughton	LWS	Semi-natural woodland
Asterby Cottage North	LWS	Neutral grassland, marsh
Asterby Cottage South	LWS	Neutral grassland, marsh
Asterby Estate North	LWS	Grassland
Asterby Estate South	LWS	Neutral grassland; Marsh
Authorpe Scrubs	LWS	Semi-natural woodland
Badgermoor Wood	LWS	Woodland; Grassland; Standing water
Baumber Road Verges	LWS, PRV	Neutral grassland
Beaulah Wood	LWS	Plantation woodland
Beck House Bridge Field	LWS	Neutral grassland
Belchford Wood	LWS	Woodland
Belleau Road Verge	LWS	Grassland; Hedge
Belleau Springs	LWS, EA	Woodland; Neutral & damp grassland; Running & standing water
Benniworth Haven	LWS	Woodland; Marsh; Open water
Benniworth Haven Disused Railway	LWS	Grassland
Benniworth House Farm	LWS	Marsh
Benniworth North Field	LWS	Grassland; Fen
Benniworth Pasture	LWS	Grassland
Binbrook Grassland	LWS	Scrub; Calcareous grassland
Binbrook Roadside Verges	LWS	Grassland
Biscathorpe Park and Fish Pond	LWS	Wet woodland, Running water, Standing water, Reedbed, Ruderal
Biscathorpe Quarry	LWS	Brownfield Mosaic
Bluestone Heath Road Verges	LWS	Neutral & calcareous grassland
Bracken Mound Field	LWS	Damp Grassland; Neutral grassland, Acid grassland/heathy
Bracken Wood, Woodhall Spa	LWS	Woodland
Brackenborough Road Verges	LWS, PRV	Neutral Grassland
Brackenborough Wood	LWS	Woodland
Brook Farm Grassland	LWS	Grassland; Running Water; Standing Water
Bucknall Wood	LWS	Woodland; Grassland
Burwell Wood	LWS	Woodland; Standing Water
Calceby Beck Tributary	pLWS	Running water
Calceby Beck, Ava Maria to Belleau Bridge	LWS	Running water
Calceby Beck, East	LWS	Grassland; Marsh

Marsh		
Calceby Beck, Furze Closes to A16	LWS	Running Water
Calceby Beck, West Bank Grassland	pLWS	Grassland
Calceby Road Verges	LWS	Grassland
Callow Carr	LWS	Woodland
Castle Leisure Park, Tattershall	LWS	Wet woodland, Ponds
Catch Acre Plantation	LWS	Semi-natural woodland
Catch Acre Road Verges	LWS	Grassland; Hedge
Chamber's Plantation	LWS	Woodland
Claxby Road Verges	LWS	Neutral & calcareous grassland
Cliff Carr	LWS	Woodland; Stream; Bracken; Scrub; Ruderal
Coal Pit Wood	LWS	Semi-natural woodland
Collingwood's Hill Plantation	LWS	Woodland
Coultas Wood	LWS	Woodland
Cowbridge Drain	LWS	Standing water
Cowdyke Plantation	LWS	Woodland
Dally Acre Bottom	pLWS	Neutral grassland; Marsh
Dark Lane Woods	LWS	Woodland; Scrub; Standing water
Dawber Lane Road Verges	LWS	Grassland
Deepdale Firs East	LWS	Woodland; Grassland; Scrub
Disused Railway North of Swinn Wood	LWS	Woodland; Scrub
Dodd's Wood	LWS	Woodland (wet)
Dodd's Wood Marsh	LWS	Marsh; Grassland
Donington Road Verges	LWS	Grassland
Dowkins Plantation	pLWS	Scrub
Duckpond Plantation	LWS	Woodland
East Keal Clay Pit	LWS	Acid, neutral and damp grassland; Marsh; Scrub; Standing water
Edlington Scrubbs	LWS	Semi-natural woodland
Eight Acre Plantation	LWS	Woodland
Elkington Hall West	pLWS	Grassland
Far Dickey Crook	LWS	
Farforth Valley	LWS	Grassland; Lakes
Farlesthorpe Pit	LWS	Semi-natural woodland; Standing water; Ruderal
Farm View	LWS	Grassland
Fatpasture	LWS	Grassland; Running Water; Marsh
Fawn Wood	LWS	Woodland
Feather Bed Farm Pasture	LWS	Wet woodland; Scrub; Damp; Pond; Spring; Running water; Improved grassland/arable
Field Farm Meadow	LWS	Grassland
Flinthill Farm East	LWS	Neutral grassland
Flinthill Farm West	LWS	Neutral grassland

Fordington Wood	LWS	Woodland
Fox Covert Plantation, Panton	LWS	Woodland
Foxhall Farm Meadow	LWS	Neutral grassland
Foxhall Farm Track Verge	LWS	Neutral grassland
Frith Bank Drain	pLWS	Running water, neutral grassland
Fulletby / West Ashby Road Verges	LWS	Grassland
Fulstow Pit	LWS	Standing water
Furze Closes	LWS	Woodland
Furze Hill Road Verges	LWS	Neutral grassland
Gautby Road Verges	LWS	Grassland
Glebe Farm North	LWS	Grassland; Marsh; Running Water; Woodland
Gloucester House Ponds	LWS	Neutral and damp grassland; Marsh; Standing water
Grainthorpe Grassland	LWS	Grassland
Grange Plantation, Aby	LWS	Semi-natural Woodland; Wet woodland; Wood pasture; Pond
Gravel Pits Plantation	LWS	Wet Woodland, Semi-natural woodland
Great Scrubbs Wood	LWS	Woodland; Ride grassland
Greetham Valley	LWS	Grassland; Marsh; Running water
Grimble Wood	LWS	Woodland
Guide Post Plantation	LWS	Woodland
Gunby Dismantled Railway	LWS	Calcareous grassland
Gunby Meadow	LWS	Neutral grassland; Pond
Hagworthingham Meadow	LWS	Grassland
Hainton Grassland	LWS	Neutral grassland
Hall Wood	LWS	Running water; Scrub; Neutral grassland; Semi-natural woodland
Hallbush Wood	LWS	Woodland; Grassland; Standing water
Hallington Chalk Slope	LWS	Grassland
Hallington to Withcall Disused Railway East	LWS	Neutral grassland
Halstead and Stobourn Woods	LWS	Semi-natural woodland; Plantation
Harrington Carr	LWS	Woodland; Scrub
Harrington Chalk Bank	LWS	Grassland
Harrington Glebe	LWS	Grassland
Hatton Meadows	LWS	Grassland
Haugham Horseshoe	LWS	Woodland; Grassland
Haugham Pasture Wood South	LWS	Woodland
Haugham Slates Grassland	LWS	Grassland; Scrub; Standing Water
Haugham Wood	LWS	Woodland; Running & Standing Water; Marsh
Helen House Farm Grassland	LWS	Grassland
Hemingby Roman Road	LWS	Neutral grassland; Calcareous

West		grassland; Damp grassland; Ruderal; Scrub
High Dar Wood	LWS	Semi-natural woodland; Standing water
Highall Wood	LWS	Semi-natural woodland; Heathland; Pond; Acid neutral/damp grassland
Hogg Wood	LWS	Semi-natural woodland
Hogsthorpe Pit	LWS	Standing water; Willow carr; Grassland
Holme Ditch	LWS	Neutral grassland, running water
Holme Wood	LWS	Woodland
Home Plantation, Kenwick Hall	LWS	Woodland
Honey Holt	LWS	Woodland
Hoop Lane Road Verges	LWS, PRV	Calcareous grassland
Hopper's Holt	LWS	Semi-natural woodland; Dense scrub
Horsington Wood	LWS	Woodland, neutral grassland, marsh
Hubbards Hills	LWS	Woodland, Parkland, Bracken, Running water
Hud Holes to Legbourne Wood	LWS	Neutral grassland; Semi-natural woodland
Hunger Hill Pasture	LWS	Neutral grassland; Hedgerow; Pond
Ing Holt	LWS	Woodland
Ings Lane Verge	pLWS	Grassland; Ditch
Ivy House Farm	LWS	Grassland
Jail Holt	LWS	Semi-natural woodland; Wet woodland; Pond
Ketsby Beck, Ketsby to Calceby	LWS	Running Water
Ketsby Carr, East	LWS	Wet Woodland; Marsh; Standing Water; Running Water
Kirkby Moor Plantation	LWS	Woodland
Kirkby on Bain Pits	LWS	Standing water; Scrub; Mosaic
Kirmond Valley Marsh	LWS	Grassland, Standing water, Running water, Marsh
Knowles Carr	pLWS	Wet Woodland; Seminatural woodland
Knowles Wood	LWS	
Langton Sheepwalks	LWS	Grassland; Marsh
Legbourne Wood	LWS; LWT Reserve	Semi-natural woodland; Scrub; Damp grassland; Ruderal
Little Birkwood Wood	LWS	Woodland
Little Carr	LWS	Woodland
Little Welton Chalk Bank	LWS	Grassland; Scrub; Running Water
Low Dar Wood	pLWS	Semi-natural woodland
Low Toynton / Fulletby Road Verges	LWS	Grassland
Maltby Springs	LWS	Running & standing water
Maltby Springs Lake	LWS	Standing water
Maltby Wood South	LWS	Woodland
Mill Drain, Tattershall	LWS	Standing water
Mill Lane East Road Verges	LWS	Grassland
Mill Lane Road Verges	LWS	Grassland

Minting Pond	LWS	Neutral grassland
Minting Wood	LWS	Woodland; Ride grassland
Moggs Eye Sea Bank Ponds	LWS	Reedbed; Standing water
Moon Wood	LWS	Woodland
Moors Plantation and Covert	LWS	Woodland, Heathland
Moors Wood, Aby	LWS	Semi-natural woodland
Mother and Greenfield Woods	LWS	Semi-natural Woodland; Pond
Muckton Wood East	LWS	Semi-natural woodland; Parkland; Damp grassland
Needham's Walk and Milne's Walk Plantations	LWS	Woodland
Newcroft Lane	pLWS	Grassland; Hedge
New Park Wood	LWS	
North Somercotes Warren	LWS	Plantation; Neutral grassland; Sand dune
North Spring Wood	LWS	Woodland; Ride grassland
Oak Plantation, Woodthorpe	LWS	Semi-natural woodland
Oester Dale West	LWS	Running Water
Old Brickyard Plantation	LWS	Semi-natural Woodland; Pond
Ormsby Wood	LWS	Woodland
Ostler's Plantation	LWS	Woodland
Ostler's Plantation North	LWS	Woodland
Oxcombe Grassland	LWS	Unimproved calcareous grassland; Damp grassland; Running water
Priestmoor Plantation	LWS	
Raithby Beck, Cottage Farm, North	LWS	Neutral grassland, marsh
Raithby Beck, Raithby	LWS	Running water
Red Hill Road Verges	LWS	Grassland
Red Leas Lane Verge	LWS	Unimproved Calcareous Grassland; Damp grassland
Reddings Wood	LWS	Woodland
Revesby: Grantham's Plantation	LWS	Plantation
Revesby: Wilksby Plantation	LWS	Plantation; Standing water
Rigge Wood	LWS	Woodland
Rigsby Road Verges	LWS	Grassland
River Bain, East of Benniworth	LWS	Running Water
River Bain, east of Fatpasture	LWS	Running water
River Bain, near Pawson's Pond	LWS	Running Water
River Bain, North-East of Market Stainton	LWS	
Riverdale Meadow, Hagworthingham	LWS	Acid and damp grassland; Scrub; Running water; Standing water; Bracken

Rousey Wood	LWS	Woodland
Rousey Wood Grassland	LWS	Grassland; Young Trees
Rowgate Hill Road Verges	LWS	Grassland
Salmonby Lake	LWS	Standing Water; Grassland
Saltfleet Common	pLWS	Grassland; Woodland
Sandworth Lane	pLWS	Grassland; Ditch
Scamblesby Beck, Goulceby to Asterby	LWS	Neutral grassland; Running water
Scrivelsby Beck	LWS	Running water, Ruderal, Damp grassland, Calcareous grassland
Scrivelsby Spinney	LWS	Woodland, Wet woodland, Running water, Standing water/Pond
Shire Wood	LWS	Semi-natural woodland; Damp grassland
Silverines Meadow LWT Reserve (non-SSSI)	LWS; LWT Reserve	Neutral grassland
Skidbrooke Ings Lane	pLWS	Grassland
Sloothby Low Lane	pLWS	Neutral Grassland; Damp grassland; Standing water
Sloothby Meadows	LWS	Neutral and damp grassland
Sotby Wood	LWS	Woodland
South Thoresby Road Verges	LWS, PRV	Unimproved Calcareous Grassland
South Willingham Pond Field	LWS	Unimproved Neutral Grassland; Standing water; Damp
Southfield Farm Grassland	LWS	Neutral Grassland; Damp grassland
Stixwould Wood	LWS	Wet woodland
Swaby Meadow	LWS	Damp grassland/marsh/fen; Running water
Swinn Wood	LWS	Semi-natural woodland; Damp Grassland; Pond
Swinn Wood Road Verges	LWS, PRV	Calcareous grassland; Damp grassland
Tetford Hill Farm	pLWS	Neutral grassland; Running water
Tetford Hill Farm, West	LWS	Grassland
Tetney Flood	pLWS	Swamp; Grassland
The Birches, Kenwick Hall	LWS	Woodland
The Browse	LWS	Semi-natural woodland; Damp grassland; Marsh; Pond
The Gorse	LWS	Woodland
The Holt	LWS	Woodland
The Ings, Coningsby	LWS	Standing water; Damp
The Wilderness	LWS	Semi-natural woodland; Running water
Thoresby Bridge Ponds	LWS	Standing water
Thornton Wood	LWS	Woodland, Wet woodland, Damp grassland
Thorpe-le-Vale Marsh	pLWS	Wet woodland; Scrub; Improved grassland; Standing water
Tothill Wood	LWS	Semi-natural woodland; Damp grassland
Tupholme Abbey	LWS	Grassland; Standing water

Tupholme Grassland	LWS	Grassland; Scrub; Standing water
Twenty Acre Plantation	LWS	Woodland
Vale Farm Meadow	LWS	Neutral and damp grassland; Running water
Walmsgate Dry Valley	LWS	Grassland; Scrub
Welllsyke Lane Road Verges	LWS	Woodland, Scrub, Neutral grassland, Acid grassland, Bracken
Wellsyke Wood	LWS	Semi-natural woodland; Bracken; Standing water; Running water
Welsdale Bottom	LWS	Fen; Woodland
Welsdale Bottom, Dry Valley	LWS	Grassland
Welsdale Bottom, Road Verges	LWS	Grassland
Welton Chalk Pit	LWS	Woodland; Scrub; Grassland
Welton High Wood	LWS	Woodland
Welton Le Wold Old Gravel Pit West	LWS	Grassland, marsh, standing water
Welton Low Wood	LWS	Woodland
West Ashby Gravel Pit	LWS	Standing Water; Neutral grassland; Damp grassland
West Ashby Meadow	LWS	Neutral & marshy grassland
Wilksby Church to Wood Enderby Road Verge	LWS	Neutral grassland, Calcareous grassland
Willoughby Wood, East	LWS	Woodland
Willoughby Wood, North-East	LWS	Plantation woodland
Willoughby Wood, South-East	LWS	Woodland
Willoughby Wood, West	LWS	Woodland
Willow Farm Fishing Lake	LWS	Standing water
Witham Way: Anton's Gowt to Boston	LWS	Neutral grassland
Withern Wood	LWS	Semi-natural woodland
Woodhall Spa Wetland	LWS	
Wragholme Greenlanes - Fulstow Gate	pLWS	Grassland; Ditches; Scrub
Wragholme Greenlanes - Ings Lane	pLWS	Grassland; Ditches; Scrub

Sites of Nature Conservation Importance

Site Name	Status	Other Designation
Autby Wood	Site Of Nature Conservation Interest (SNCI)	
Belleau Bridge	SNCI	
Benniworth Road Plantation	SNCI	
Binbrook Pit	SNCI	

Burwell Protected Roadside Verges	SNCI	
Castle Wood	SNCI	
Claxby Spring	SNCI	LWT Reserve
Covenham Reservoir	SNCI	LWT Reserve
Dawber Lane Quarry	SNCI	ex-LWT Reserve
Emmitt Holt	SNCI	
Far Holt	SNCI	
Fir Hill Quarry	SNCI	LWT Reserve
Fordington Pumping Station	SNCI	
Friskney Decoy Wood	SNCI	LWT Reserve
Furze Hill	SNCI	LWT Reserve
Graithorpe Grassland 2	SNCI	
Hall Hill	SNCI	
Hall Wood	SNCI	
Haltham Wood	SNCI	
Harbour Wood	SNCI	
Hemingby Meadow	SNCI	
High Toynton Pit	SNCI	
Holbeck Manor	SNCI	
Holme Hill Verge	SNCI	
Horncastle/Old River Bain Grassland	SNCI	
Huttoft Dykes (Green Lane)	SNCI	
Ing's Farm Embankment	SNCI	
John Holden Charity Meadows	SNCI	
Little Hays Carr	SNCI	
Long wood	SNCI	
Mareham Plantation	SNCI	
Melbourne Hill Carrs	SNCI	
Middle Holt	SNCI	
New England Quarry	SNCI	
Rigsby Wood	SNCI	LWT Reserve
Rose's Holt	SNCI	
Roughton Moor	SNCI	
Sandnook Plantation	SNCI	
Snipe Dales	SNCI	LNR, LWT Reserve
Stickney Picnic Site	SNCI	
Stourton - The Clays	SNCI	
Stourton Big Wood	SNCI	
Tetford Quarry	SNCI	
The Belt	SNCI	
The Sanctuary	SNCI	
Thorpe Culvert Brick Pits	SNCI	

Toynton All Saints Pit	SNCI	
Upper Sow Dale	SNCI	LWT Reserve
Warren Hill Quarry	SNCI	
Warren Road Dunes	SNCI	
Well Vale Estate	SNCI	
Withcall Chalk Road Cutting	SNCI)	
Wong Plantation	SNCI	
Woodhall Spa Meadow	SNCI	