

A Species Audit of Doncaster Borough

Doncaster Local Biodiversity Action Plan
January 2007



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1. Acknowledgements

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2. Introduction

2.1 This document 'A Species Audit of Doncaster Borough' along with 'On the Trail of Doncaster's Rare and Scarce Plants: A Preliminary Atlas', are key constituents of Doncaster's Local Biodiversity Action Plan (LBAP). The documents present the findings of a comprehensive audit exercise undertaken as part of the development of Doncaster's Local Biodiversity Action Plan, to establish those species of conservation concern and local biodiversity interest in the Borough.

2.2 The Audits have been produced to benchmark Doncaster's Biodiversity, according to available data and our interpretation of this information. Such information will then be used to inform the local status of individual species or groups of species, to advise appropriate conservation needs and actions and to enable population trends to be monitored.

2.3 Reference should be made to other documents within Doncaster's Local Biodiversity Action Plan, for a full appreciation of the conservation issues discussed and measures proposed. For ease of reference, links to associated documents within the Biodiversity Action Plan, and specifically the Habitat Action Plans, have been included. Similarly, species identified in bold within the HAPs, are listed in the Audit.

3. Developing the Audit - Doncaster's Approach

3.1 The development of Doncaster's Local Biodiversity Action Plan and this Audit document, emerged from a desktop review of available biological data, as part of the assessment of the local Biodiversity resource. The data source included national species and habitat listings (UK Species of Conservation Concern and BAP priorities), regional biodiversity audits, and the data held by Doncaster Museum's Biological Records centre. This process highlighted gaps in the Partnership's knowledge of local habitats and species, associated with;

- Incomplete survey coverage (geographically) with local hotspots,
- Incomplete survey coverage in record dates and age ranges,
- Incomplete data sets
- Inconsistency between groups i.e. interest and ease in recording particular species, for example between birds and insects.

3.2 In order to understand these issues further and inform the Biodiversity Action Planning process more accurately, the Partnership embarked upon a more comprehensive Audit exercise. As part of the Audit biological data was sourced from published literature and reliable voluntary contributions. Comments generated as part of the consultation process have been included where considered to be useful in describing the nature of the species, its distribution, conservation requirements or the data context.

3.3 The resulting Audit displays collated data and commentary for a series of Species which have been identified as being of conservation concern, or are of particular local biodiversity interest. These species were identified using a series of selection criteria agreed by Doncaster Biodiversity Action Partnership, with a view to producing a 'long list' of priority species, to inform and facilitate the implementation of the Local Biodiversity Action Plan.

3.4 To achieve this objective the Audit will;

- constitute the basis for future work on the development of Species Action Plans (SAPs), i.e. how best to address species' conservation needs
- provide a means to identify and prioritise future survey efforts and SAP production (both by the Partnership and identified through survey protocol related to statutory and partner functions)
- provide a benchmark against which conservation efforts for particular species can be monitored
- help to raise awareness of the biological information held and hopefully to encourage a greater degree of data sharing.

4. Species selection criteria

4.1 The following criteria were applied, based upon national, regional and local priorities.

National Criteria

- Species identified by the UK Biodiversity Action Plan as a Priority Species or a Species of Conservation Concern
- Species that have been issued with a status indicating conservation concern (such as Red Data Book, Nationally Scarce or similar authoritative listing). These are based upon inventories published by the Joint Nature Conservation Committee (JNCC) or its predecessor, using available data, and are available on the JNCC website.

(CR) Critically Endangered

(EN) Endangered

(VU) Vulnerable

(NT) Near Threatened

(DD) Data Deficient

(NR) Nationally Rare

(NS) Nationally Scarce

(R) Red list

(A) Amber list

Where the original lists are extensive, species identified in the lower threat categories e.g. Least Concern, have not been included. It should

also be noted that assessments of conservation status are subject to constant review in light of a changing knowledge base. Regional Red Data inventories have also been used for some invertebrate groups.

- Species listed on an appendix or schedule to European or National wildlife legislation, e.g.
 - (WCA) The Wildlife & Countryside Act 1981
 - (CRoW) The Countryside & Rights of Way Act 2000
 - (C.Reg) Conservation (Natural habitats, & c.) Regulations 1994

Regional Criteria

- Species listed in the Yorkshire & Humber Biodiversity Audits (1999 & 2003)
- English Nature Natural Area Priority Species

Local Criteria

- Species considered to be locally endemic, for which reliable records exist.
- Locally identified BAP indicators – As listed by Defra and based upon the England Biodiversity Strategy
- Species considered to be locally rare, distinctive, unusual or of value, as identified by the Partnership and consultees during the LBAPs production
- Date Score – (relates to latest recorder entry)

4.2 The resulting list of species selected for inclusion in the Audit, were then issued with a 1 point score for each criteria met. This method generated a very basic means to rank-order the 'long list' of species. The resultant priority ranking does not reflect importance and is only intended to be used as a flexible tool, to guide conservation attention.

4.3 A further potential point or half point was then awarded to species, based upon a basic assessment of the age of the record. The Partnership introduced a basic weighting to the scoring process, rather than exclude those species

for which only historical records had been sourced, given that this could not conclusively rule out the current occurrence of a particular species. The following date ranges were agreed, based upon milestones or periods of data influx to the Museum's Biological Records Centre:

Date range	Score
Pre 1980	0
1980 – 1993	½
1994 – present day	1

5. Application and future direction

5.1 The Species Audit is currently compiled of **475** species, which are grouped as follows:

Amphibians	Crustaceans and Molluscs
Birds	Fish
Fungi	Invertebrates
Mammals	Reptiles
Vascular Plants	Mosses, Lichens, Stoneworts

5.2 A 'Holding list' has also been compiled to hold species, which would meet the criteria, but the nature of the local record suggests a more questionable status, i.e. it may be a single historical record, one that falls just outside the borough, or perhaps could be a misidentification. These records have not been disregarded entirely, but require further confirmation to verify their local status.

5.3 Data contributors/ consultees and the corresponding species listings and data sources, are identified at the beginning of each section.

5.4 The purpose of the Audit is to guide conservation in the following ways;

- Species conservation will be delivered through the implementation of

associated Habitat Action Plans, on the assumption that habitat conservation measures will benefit species

- Species conservation will be delivered through the production and implementation of an individual Species Action Plan
- Species conservation will be delivered through the production and implementation of a 'Group' Species Action Plan, e.g. farmland birds
- Further survey work will be targeted.
- No further action is required/ can be effectively implemented to conserve the species, other than ongoing monitoring.

5.5 The Species Audit will be subject to review in light of new information, research, and future monitoring. The Audit will be used to address some of the gaps in the data sourced, particularly that between the species groups. Publishing the available data will hopefully also help to highlight this disparity and may strengthen and formalise the process of sharing data.

6. Bibliography

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The IUCN Red List of Threatened Species (Mammals)

The Population Status of Birds in the UK - Birds of conservation concern:
2001-2007 (Red list species - high conservation concern)

Amphibians

Contributors:

(Including those on the holding table for species of this taxon)

DBAP	Doncaster Biodiversity Action Partnership
CH	Colin Howes

Habitat Codes:

ASH	Ancient and Species Rich Hedgerows
AFM	Arable Field Margins
CCT	Crags, Caves and Tunnels
GW	Greenways
LG	Limestone Grassland
LW	Limestone Woodland
HAG	Lowland Heathland / Acid Grassland Mosaic
LHW	Lowland Heathy Oak Woodland
LRM	Lowland Raised Mire
MLD	Marshes and Swamps, Lakes and Ponds, Ditches and Drains
SFM	Minor Streams, Springs, Fens, Flushes, Mires and Fenny Fields
NWG	Neutral and Wet Grassland
PWV	Parkland, Wood Pasture and Veteran Trees
PIB	Post Industrial and Brownfield Land
RB	Reedbeds
RCF	Rivers, Canals, Oxbows, Major Streams and Subsidence Flashes
UG	Urban Greenspace
WW	Wet Woodland

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Amphibian															
Common toad	Bufo bufo	1	0	1	2	0	0	1	0	1	1.0	3.0	GW LRM HAG MLD NWG PIB RB RCF WW	Recorder - 116 Records, dated 1895-2006, located: various. DBAP - Species Action Plan priority, produce Amphibian Group Action Plan. CH - Present in substantially sub-optimal number, therefore include to maximise requirements for breeding and hibernation sites.	5.0
Common frog	Rana temporaria	1	0	1	2	0	0	1	0	1	1.0	3.0	GW LRM HAG MLD NWG PIB RB RCF WW	Recorder - 122 Records, dated 1895-2006, located: various. DBAP - Species Action Plan priority, produce Amphibian Group Action Plan. CH - Present in substantially sub-optimal number, therefore include to maximise requirements for breeding and hibernation sites.	5.0
Great crested newt	Triturus cristatus	1	1	1	3	1	1	1	1	1	1.0	4.0	GW LRM HAG MLD NWG PIB RB RCF WW	Recorder - 104 Records, dated 1842-2005, located: various. DBAP - Species Action Plan priority, Produce Amphibian Group Action Plan. CH - Once a major location for this species, both in natural wetlands and artificial sites such as flooded mineral workings and railway delves, however many of these sites have now been drained or infilled. Now present in substantially sub-optimal number, therefore include to maximise requirements for breeding and hibernation sites.	8.0
Palmate newt	Triturus helveticus	1	0	1	2	1	1	1	0	1	1.0	3.0	GW LRM HAG MLD NWG PIB RB RCF WW	Recorder - 4 Records, dated 1970-2002, located: various. DBAP - Species Action Plan priority, Produce Amphibian Group Action Plan. CH - A hitherto un-recognised distribution is now known to extend along the spring-line ponds and marshes along the eastern escarpment of the Permian Marl. Present in substantially sub-optimal number, therefore include to maximise requirements for breeding and hibernation sites.	6.0
Smooth newt	Triturus vulgaris	1	0	1	2	0	0	1	0	1	1.0	3.0	GW LRM HAG MLD NWG PIB RB RCF WW	Recorder - 85 Records, dated 1913-2006, located: various. DBAP - Species Action Plan priority, produce Amphibian Group Action Plan. CH - Present in substantially sub-optimal number, therefore include to maximise requirements for breeding and hibernation sites.	5.0

Birds

Contributors:

(Including those on the holding table for species of this taxon)

DBAP	Doncaster Biodiversity Action Partnership
DDOS	Doncaster & District Ornithological Society
CH	Colin Howes
LH	Louise Hill

Habitat Codes:

ASH	Ancient and Species Rich Hedgerows
AFM	Arable Field Margins
CCT	Crags, Caves and Tunnels
GW	Greenways
LG	Limestone Grassland
LW	Limestone Woodland
HAG	Lowland Heathland / Acid Grassland Mosaic
LHW	Lowland Heathy Oak Woodland
LRM	Lowland Raised Mire
MLD	Marshes and Swamps, Lakes and Ponds, Ditches and Drains
SFM	Minor Streams, Springs, Fens, Flushes, Mires and Fenny Fields
NWG	Neutral and Wet Grassland
PWV	Parkland, Wood Pasture and Veteran Trees
PIB	Post Industrial and Brownfield Land
RB	Reedbeds
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UG	Urban Greenspace
WW	Wet Woodland

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Bird															
Skylark	<i>Alauda arvensis</i>	1	1	1	3	1	1	1	1	1	1.0	4.0	AFM LG HAG NWG PWV PIB	Recorder - 98 Records, dated 1891-2006, located: various. DBAP - Include in farmland bird action plan. DDOS - Considered Locally Rare / Unusual.	8.0
Kingfisher	<i>Alcedo atthis</i>	1	1	1	3	1	1	1	0	0	1.0	2.0	MLD SFM RCF	Recorder - 39 Records, dated 1929-2005, located: various. CH - Suggested for inclusion.	6.0
Pintail	<i>Anas acuta</i>	1	1	1	3	0	0	1	0	0	1.0	2.0	MLD RCF	Recorder - 18 Records, dated 1974-2005, located: various.	5.0
Shoveler	<i>Anas clypeata</i>	1	1	1	3	1	1	1	0	0	1.0	2.0	MLD NWG	Recorder - 28 Records, dated 1974-2005, located: various. CH - Suggested for inclusion.	6.0
Teal	<i>Anas crecca</i>	1	1	1	3	1	1	1	0	0	1.0	2.0	MLD NWG RCF WW	Recorder - 48 Records, dated 1961-2005, located: various. CH - Suggested for inclusion.	6.0
Wigeon	<i>Anas penelope</i>	1	0	1	2	1	1	1	0	0	1.0	2.0	MLD RCF	Recorder - 27 Records, dated 1974-2005, located: various.	5.0
Garganey	<i>Anas querquedula</i>	1	1	1	3	0	0	1	0	1	1.0	3.0	MLD NWG RCF	Recorder - 11 Records, dated 1974-2003, located: various. DDOS - Considered Locally Rare / Unusual. CH - Suggested for inclusion.	6.0
Gadwall	<i>Anas strepera</i>	1	1	1	3	1	1	1	0	0	1.0	2.0	MLD RCF	Recorder - 25 Records, dated 1974-2006, located: various. CH - Suggested for inclusion.	6.0
White-fronted goose	<i>Anser albifrons</i>	1	1	1	3	0	0	1	0	0	0.5	1.5	LRM NWG	Recorder - 1 Record, dated 1974-1984, located: Denaby Ings.	4.5
Greylag goose	<i>Anser anser</i>	1	1	1	3	0	0	1	0	0	1.0	2.0	MLD NWG RCF	Recorder - 26 Records, dated 1974-2005, located: various.	5.0
Pink-footed goose	<i>Anser brachyrhynchus</i>	1	1	1	3	0	0	1	0	0	1.0	2.0	AFM MLD RCF	Habitat - Feeds in arable fields. Recorder - 20 Records, dated 1974-2005, located: various.	5.0
Meadow pipit	<i>Anthus pratensis</i>	1	1	0	2	0	0	1	0	0	1.0	2.0	HAG SFM NWG RCF	Recorder - 62 Records, dated 1961-2006, located: various.	4.0
Tree pipit	<i>Anthus trivialis</i>	1	1	1	3	0	0	1	0	1	1.0	3.0	ASH HAG LHW	Recorder - 43 Records, dated 1891-2003, located: various. DDOS - Considered Locally Rare / Unusual.	6.0
Turnstone	<i>Arenaria interpres</i>	1	1	0	2	0	0	1	0	0	1.0	2.0	MLD NWG RCF	Recorder - 3 Records, dated 1974-2000, located: Denaby Ings and Thorne Moor. LH - Rare visitor.	4.0
Short-eared owl	<i>Asio flammeus</i>	1	1	1	3	1	1	1	0	1	1.0	3.0	HAG LRM MLD RB	Recorder - 14 Records, dated 1968-2005, located: various. DDOS - Considered Locally Rare / Unusual.	7.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Pochard	Aythya ferina	1	1	1	3	1	1	1	0	0	1.0	2.0	MLD RCF	Recorder - 26 Records, dated 1974-2005, located: various. CH - Suggested for inclusion.	6.0
Scaup	Aythya marila	1	1	1	3	0	0	1	0	1	1.0	3.0	MLD	Recorder - 3 Records, dated 1974-2003, located: Denaby Ings. DDOS - Considered Locally Rare / Unusual.	6.0
Bittern	Botaurus stellaris	1	1	1	3	1	1	1	1	1	1.0	4.0	MLD RB	Recorder - 19 Records, dated 1974-2005, located: various. DBAP - Species Action Plan priority and link to reedbed action plan. DDOS - Considered Locally Rare / Unusual.	8.0
Brent goose	Branta bernicla	1	1	1	3	1	1	1	0	0	1.0	2.0	MLD NWG RCF	Recorder - 2 Records, dated 1996-1999, located: Potteric Carr Reserve and Thorne Moor.	6.0
Barnacle goose	Branta leucopsis	1	1	1	3	0	0	1	0	0	1.0	2.0	MLD RCF	Recorder - 4 Records, dated 1996-2003, located: various.	5.0
Goldeneye	Bucephala clangula	1	1	1	3	0	0	1	0	1	1.0	3.0	MLD RCF	Recorder - 26 Records, dated 1974-2005, located: various. DDOS - Considered Locally Rare / Unusual.	6.0
Dunlin	Calidris alpina	1	1	1	3	1	1	1	0	0	1.0	2.0	MLD RCF	Recorder - 21 Records, dated 1974-2005, located: various.	6.0
Knot	Calidris canutus	1	1	1	3	1	1	1	0	0	1.0	2.0	MLD RCF	Recorder - 3 Records, dated 1974-2000, located: Denaby Ings and Thorne Moor.	6.0
Temminck's stint	Calidris temminckii	1	1	1	3	0	0	1	0	0	1.0	2.0	MLD	Recorder - 1 Record, dated 1997, located: Thorne Moor.	5.0
Nightjar	Caprimulgus europaeus	1	1	1	3	1	1	1	1	1	1.0	4.0	HAG LHW LRM	Recorder - 66 Records, dated 1961-2005, located: various. DBAP - Species Action Plan priority and heathland action plan. DDOS - Considered Locally Rare / Unusual.	8.0
Linnet	Carduelis cannabina	1	1	0	2	1	1	1	1	0	1.0	3.0	ASH AFM GW LW LHW UG	Recorder - 84 Records, dated 1961-2006, located: various. DBAP - Farmland bird action plan.	6.0
Twite	Carduelis flavirostris	1	1	1	3	1	1	1	0	1	1.0	3.0	AFM HAG LRM	Recorder - 5 Records, dated 1974-1997, located: various. DBAP - Possibly subsumed within moorland action plan. DDOS - Considered Locally Rare / Unusual.	7.0
Little ringed plover	Charadrius dubius	1	1	1	3	1	1	1	0	1	1.0	3.0	MLD PIB	Recorder - 25 Records, dated 1977-2005, located: various. DBAP - Species Action Plan priority. DDOS - Considered Locally Rare / Unusual.	7.0
Ringed plover	Charadrius hiaticula	1	0	0	1	0	0	1	0	0	1.0	2.0	MLD RCF	Recorder - 17 Records, dated 1977-2005, located: various. CH - Suggested for inclusion.	3.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Dotterel	Charadrius morinellus	1	1	1	3	0	0	1	0	1	1.0	3.0	AFM	Recorder - 2 Records, dated 1996-1997, located: Thorne Moor. DDOS - Considered Locally Rare / Unusual. CH - Suggested for inclusion. LH - Rare passage only.	6.0
Marsh harrier	Circus aeruginosus	1	1	1	3	0	0	1	0	0	1.0	2.0	MLD RB	Recorder - 25 Records, dated 1974-2005, located: various. CH - Suggested for inclusion.	5.0
Hen harrier	Circus cyaneus	1	1	1	3	0	0	1	0	0	1.0	2.0	HAG MLD RB	Recorder - 17 Records, dated 1974-2000, located: various.	5.0
Long-tailed duck	Clangula hyemalis	1	1	1	3	0	0	1	0	0	1.0	2.0	MLD	Recorder - 2 Records, dated 1974-1995, located: Denaby Ings and Hatfield Moor.	5.0
Hawfinch	Coccothraustes coccothraustes	1	1	0	2	0	0	1	0	1	1.0	3.0	ASH LW LHW PWV	Recorder - 300 Records, dated 1842-1999, located: various. DDOS - Considered Locally Rare / Unusual. CH - Suggested for inclusion.	5.0
Stock dove	Columba oenas	1	1	1	3	0	0	1	0	0	1.0	2.0	ASH CCT GW LW LHW PWV PIB	Recorder - 57 Records, dated 1961-2006, located: various. CH - Suggested for inclusion.	5.0
Quail	Coturnix coturnix	1	1	1	3	0	0	1	0	1	1.0	3.0	AFM NWG	Recorder - 5 Records, dated 1983-2000, located: Hatfield Moor and Thorne Moor. DDOS - Considered Locally Rare / Unusual. CH - Suggested for inclusion.	6.0
Corncrake	Crex crex	1	1	1	3	1	1	1	1	0	1.0	3.0	NWG	Recorder - 1 Record, dated 1996, located: Sykehouse Manor Farm.	7.0
Cuckoo	Cuculus canorus	1	1	0	2	0	0	1	0	1	1.0	3.0	ASH GW LW HAG LHW PWV WW	Recorder - 89 Records, dated 1907-2006, located: various. DDOS - Considered Locally Rare / Unusual.	5.0
Bewick's swan	Cygnus columbianus	1	1	1	3	0	0	1	0	0	1.0	2.0	MLD NWG	Recorder - 9 Records, dated 1974-2003, located: various.	5.0
Whooper swan	Cygnus cygnus	1	1	1	3	0	0	1	0	0	1.0	2.0	MLD RCF	Recorder - 15 Records, dated 1974-2005, located: various.	5.0
Mute swan	Cygnus olor	1	1	1	3	0	0	1	0	0	1.0	2.0	MLD RCF	Recorder - 53 Records, dated 1965-2006, located: various.	5.0
House martin	Delichon urbica	1	1	0	2	0	0	1	0	0	1.0	2.0	NWG RCF UG	Recorder - 59 Records, dated 1961-2006, located: various.	4.0
Lesser spotted woodpecker	Dendrocopos minor	1	1	0	2	0	0	1	0	1	1.0	3.0	LW LHW PWV WW	Recorder - 25 Records, dated 1974-2005, located: various. DBAP - Species Action Plan priority. DDOS - Considered Locally Rare / Unusual.	5.0
Yellowhammer	Emberiza citrinella	1	1	0	2	0	0	1	0	0	1.0	2.0	ASH AFM HAG	Recorder - 130 Records, dated 1961-2006, located: various.	4.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Reed bunting	Emberiza schoeniclus	1	1	0	2	1	1	1	1	1	1.0	4.0	MLD RB	Recorder - 88 Records, dated 1907-2006, located: various. DBAP - Farmland/ reedbed action plan. DDOS - Considered Locally Rare / Unusual.	7.0
Merlin	Falco columbarius	1	1	1	3	1	1	1	0	1	1.0	3.0	HAG LRM RB	Recorder - 24 Records, dated 1961-2004, located: various. DDOS - Considered Locally Rare / Unusual.	7.0
Peregrine	Falco peregrinus	1	1	1	3	1	1	1	0	1	1.0	3.0	CCT MLD PIB	Recorder - 28 Records, dated 1983-2006, located: various. DDOS - Considered Locally Rare / Unusual. CH - Suggested for inclusion.	7.0
Kestrel	Falco tinnunculus	1	1	1	3	0	0	1	0	0	1.0	2.0	CCT GW LG HAG NWG PWV PIB UG	Recorder - 83 Records, dated 1961-2006, located: various. CH - Suggested for inclusion.	5.0
Common snipe / Snipe	Gallinago gallinago	1	1	1	3	1	1	1	0	1	1.0	3.0	HAG LRM SFM NWG WW	Recorder - 50 Records, dated 1907-2005, located: various. DBAP - Wet grassland / marshland action plan. DDOS - Considered Locally Rare / Unusual. CH - Suggested for inclusion.	7.0
Crane	Grus grus	1	1	1	3	0	0	1	0	1	1.0	3.0	MLD NWG	Recorder - 18 Records, dated 2000-2005, located: various. DDOS - Considered Locally Rare / Unusual. CH - Suggested for inclusion.	6.0
Oystercatcher	Haematopus ostralegus	1	1	1	3	0	0	1	0	1	1.0	3.0	MLD RCF	Recorder - 27 Records, dated 1977-2005, located: various. DDOS - Considered Locally Rare / Unusual. CH - Suggested for inclusion.	6.0
White-tailed eagle	Haliaeetus albicilla	1	1	1	3	0	0	1	0	0	1.0	2.0		Recorder - 1 Record, dated 2005, located: Potteric Carr Reserve. LH - Very rare passage only.	5.0
Swallow	Hirundo rustica	1	1	0	2	1	1	1	0	0	1.0	2.0	ASH AFM LG MLD SFM NWG RB RCF UG	Recorder - 100 Records, dated 1932-2006, located: various. CH - Suggested for inclusion.	5.0
Wryneck	Jynx torquilla	1	1	1	3	0	0	1	1	0	1.0	3.0	LHW PWV	Recorder - 1 Record, dated 1996, located: Thorne Moor.	6.0
Red-backed shrike	Lanius collurio	1	1	1	3	0	0	1	1	0	1.0	3.0	HAG	Recorder - 2 Records, dated 1974-1996, located: Denaby Ings and Sykehouse Manor Farm.	6.0
Herring gull	Larus argentatus	1	1	1	3	0	0	1	0	0	1.0	2.0	MLD PIB RCF UG	Recorder - 25 Records, dated 1961-2005, located: various.	5.0
Common gull	Larus canus	1	1	1	3	0	0	1	0	0	1.0	2.0	MLD NWG PIB RCF UG	Recorder - 30 Records, dated 1961-2005, located: various.	5.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Lesser black-backed gull	Larus fuscus	1	1	1	3	0	0	1	0	1	1.0	3.0	AFM MLD PIB UG	Recorder - 28 Records, dated 1961-2005, located: various. DDOS - Considered Locally Rare / Unusual. CH - Suggested for inclusion.	6.0
Mediterranean gull	Larus melanocephalus	1	1	1	3	0	0	1	0	0	1.0	2.0	RCF	Recorder - 3 Records, dated 1997-2000, located: Sprotbrough Flash and Thorne Moor.	5.0
Black-headed gull	Larus ridibundus	1	1	1	3	0	0	1	0	0	1.0	2.0	MLD NWG PIB RCF UG	Recorder - 79 Records, dated 1907-2006, located: various.	5.0
Bar-tailed godwit	Limosa lapponica	1	1	1	3	1	1	1	0	0	1.0	2.0	LRM	Recorder - 2 Records, dated 1974-1996, located: Denaby Ings and Thorne Moor.	6.0
Black-tailed godwit	Limosa limosa	1	1	1	3	0	0	1	0	0	1.0	2.0	NWG RCF	Recorder - 8 Records, dated 1985-2003, located: various. LH - Passage only.	5.0
Grasshopper warbler	Locustella naevia	1	1	0	2	0	0	1	0	1	1.0	3.0	SFM NWG RB WW	Recorder - 26 Records, dated 1961-2003, located: various. DDOS - Considered Locally Rare / Unusual. CH - Suggested for inclusion.	5.0
Woodlark	Lullula arborea	1	1	1	3	1	1	1	1	1	1.0	4.0	AFM HAG LHW	Recorder - 2 Records, dated 1983-2005, located: Hatfield Moor and Thorne Moor. DBAP - Species Action Plan priority or possibly heathland plan. DDOS - Considered Locally Rare / Unusual, (expanding population).	8.0
Nightingale	Luscinia megarhynchos	1	1	0	2	0	0	1	0	1	1.0	3.0	LW LHW LRM	Recorder - 15 Records, dated 1901-2003, located: various. DBAP - Species Action Plan priority. DDOS - Considered Locally Rare / Unusual.	5.0
Velvet scoter	Melanitta fusca	1	1	1	3	0	0	1	0	0	0.5	1.5	MLD RCF	Recorder - 1 Record, dated 1987, located: Southfield Reservoir Area. LH - Rare visitor.	4.5
Common scoter	Melanitta nigra	1	1	1	3	0	0	1	1	0	1.0	3.0	MLD RCF	Recorder - 4 Records, dated 1974-2005, located: various.	6.0
Corn bunting	Miliaria calandra	1	1	0	2	1	1	1	1	1	1.0	4.0	ASH AFM	Recorder - 26 Records, dated 1961-2006, located: various. DBAP - Farmland bird action plan. DDOS - Considered Locally Rare / Unusual.	7.0
Red kite	Milvus milvus	1	1	1	3	1	1	1	0	0	1.0	2.0	LG LW HAG LHW NWG	Recorder - 7 Records, dated 1824-2005, located: various.	6.0
Grey wagtail	Motacilla cinerea	1	1	0	2	0	0	1	0	0	1.0	2.0	MLD SFM RCF UG	Recorder - 31 Records, dated 1974-2005, located: various.	4.0
Yellow wagtail	Motacilla flava	1	1	1	3	1	1	1	0	1	1.0	3.0	HAG MLD SFM NWG RCF	Recorder - 39 Records, dated 1961-2006, located: various. DBAP - May want to be part of a farmland bird action plan. DDOS - Considered Locally Rare / Unusual.	7.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Spotted flycatcher	Muscicapa striata	1	1	0	2	0	0	1	1	1	1.0	4.0	LW LHW UG	Recorder - 23 Records, dated 1961-2004, located: various. DBAP - Species Action Plan priority. DDOS - Considered Locally Rare / Unusual.	6.0
Curlew	Numenius arquata	1	1	1	3	1	1	1	0	1	1.0	3.0	MLD NWG	Recorder - 30 Records, dated 1974-2006, located: various. DBAP - Wet grassland/ marshland. DDOS - Considered Locally Rare / Unusual. CH - Suggested for inclusion.	7.0
Whimbrel	Numenius phaeopus	1	0	1	2	0	0	1	0	0	1.0	2.0	MLD RCF	Recorder - 15 Records, dated 1974-2003, located: various. LH - Rare visitor.	4.0
Osprey	Pandion haliaetus	1	1	1	3	0	0	1	0	0	1.0	2.0	LRM MLD RCF	Recorder - 15 Records, dated 1974-2005, located: various. LH - Rare visitor.	5.0
Bearded tit	Panurus biarmicus	1	1	1	3	1	1	1	0	0	1.0	2.0	RB	Recorder - 6 Records, dated 1974-2002, located: various.	6.0
Willow tit	Parus montanus	1	1	0	2	1	1	1	0	1	1.0	3.0	ASH MLD RCF WW	Recorder - 67 Records, dated 1961-2005, located: various. DBAP - Woodland / wetland. DDOS - Considered Locally Rare / Unusual. CH - Suggested for inclusion.	6.0
Marsh tit	Parus palustris	1	1	0	2	1	1	1	0	1	1.0	3.0	LW LHW PWV	Recorder - 10 Records, dated 1907-1997, located: various. DBAP - Woodland/ wetland. DDOS - Considered Locally Rare / Unusual. CH - Suggested for inclusion.	6.0
House sparrow	Passer domesticus	1	1	0	2	0	0	1	0	1	1.0	3.0	ASH AFM UG	Recorder - 63 Records, dated 1961-2006, located: various. DDOS - Considered Locally Rare / Unusual.	5.0
Tree sparrow	Passer montanus	1	1	0	2	1	1	1	1	1	1.0	4.0	ASH GW LW LHW PIB UG	Recorder - 29 Records, dated 1961-2005, located: various. DBAP - Species Action Plan priority. DDOS - Considered Locally Rare / Unusual.	7.0
Grey partridge	Perdix perdix	1	1	1	3	1	1	1	1	0	1.0	3.0	ASH AFM GW LG HAG NWG PIB	Recorder - 71 Records, dated 1891-2006, located: various. DBAP - Farmland bird.	7.0
Honey buzzard	Pernis apivorus	1	1	1	3	0	0	1	0	0	1.0	2.0		Recorder - 4 Records, dated 1983-2002, located: Sprotbrough Flash and Thorne Moor. LH - Very rare passage only.	5.0
Shag	Phalacrocorax aristotelis	1	1	0	2	0	0	1	0	0	0.5	1.5	RCF	Recorder - 2 Records, dated 1983-1989, located: Sprotbrough Flash and Thorne Moor. LH - Rare visitor.	3.5
Red-necked phalarope	Phalaropus lobatus	1	1	1	3	0	0	1	0	0	0.5	1.5	MLD RCF	Recorder - 1 Record, dated 1974-1984, located: Denaby Ings. LH - Very rare passage only.	4.5

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Ruff	Philomachus pugnax	1	1	1	3	1	1	1	0	1	1.0	3.0	MLD NWG	Recorder - 7 Records, dated 1974-2001, located: various. DDOS - Considered Locally Rare / Unusual.	7.0
Black redstart	Phoenicurus ochruros	1	1	1	3	1	1	1	0	1	1.0	3.0	PIB	Recorder - 5 Records, dated 1974-2005, located: various. DDOS - Considered Locally Rare / Unusual. CH - Suggested for inclusion.	7.0
Redstart	Phoenicurus phoenicurus	1	1	1	3	1	1	1	0	0	1.0	2.0	ASH LW LHW PWV	Recorder - 12 Records, dated 1961-2003, located: various. CH - Suggested for inclusion.	6.0
Wood warbler	Phylloscopus sibilatrix	1	1	1	3	0	0	1	0	1	1.0	3.0	LW LHW WW	Recorder - 8 Records, dated 1961-1996, located: various. DDOS - Considered Locally Rare / Unusual.	6.0
Willow warbler	Phylloscopus trochilus	1	1	0	2	0	0	1	0	1	1.0	3.0	LW LHW WW	Recorder - 172 Records, dated 1932-2006, located: various. DDOS - Considered Locally Rare / Unusual.	5.0
Green woodpecker	Picus viridis	1	1	0	2	0	0	1	0	0	1.0	2.0	LW HAG LHW PWV PIB UG	Recorder - 123 Records, dated 1961-2006, located: various. DBAP - Species Action Plan priority.	4.0
Snow bunting	Plectrophenax nivalis	1	1	1	3	0	0	1	0	0	0.5	1.5	MLD RCF	Recorder - 2 Records, dated 1983-1989, located: Thorne Moor. LH - Rare visitor.	4.5
Grey plover	Pluvialis squatarola	1	1	1	3	1	1	1	0	0	1.0	2.0	MLD RCF	Recorder - 4 Records, dated 1977-2000, located: Denaby Ings and Thorne Moor.	6.0
Red-necked grebe	Podiceps grisegena	1	1	0	2	0	0	1	0	1	0.5	2.5	MLD RCF	Recorder - 1 Record, dated 1974-1984, located: Denaby Ings. DDOS - Considered Locally Rare / Unusual. LH - Rare visitor.	4.5
Black-necked grebe	Podiceps nigricollis	1	1	1	3	1	1	1	0	1	1.0	3.0	MLD RB RCF	Recorder - 5 Records, dated 2000-2005, located: various. DDOS - Considered Locally Rare / Unusual. CH - Suggested for inclusion.	7.0
Spotted crane	Porzana porzana	1	1	1	3	1	1	1	0	0	1.0	2.0	MLD	Recorder - 1 Record, dated 1999, located: Potteric Carr Reserve.	6.0
Duncock	Prunella modularis	1	1	0	2	0	0	1	0	0	1.0	2.0	ASH GW LW LHW PWV UG WW	Recorder - 125 Records, dated 1891-2006, located: various.	4.0
Bullfinch	Pyrrhula pyrrhula	1	1	0	2	0	0	1	1	1	1.0	4.0	ASH LW LHW PWV	Recorder - 71 Records, dated 1961-2005, located: various. DBAP - Farmland and woodland action plans may cover. DDOS - Considered Locally Rare / Unusual.	6.0
Water rail	Rallus aquaticus	1	1	1	3	0	0	1	0	0	1.0	2.0	MLD SFM RB RCF WW	Recorder - 23 Records, dated 1974-2005, located: various. CH - Suggested for inclusion.	5.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Firecrest	Regulus ignicapillus	1	1	1	3	0	0	1	0	0	1.0	2.0	LW LHW PWV	Recorder - 2 Records, dated 1999-2004, located: Don Gorge Sprotbrough and Potteric Carr Reserve.	5.0
Goldcrest	Regulus regulus	1	1	0	2	0	0	1	0	0	1.0	2.0	LHW PWV UG	Recorder - 54 Records, dated 1961-2005, located: various.	4.0
Sand martin	Riparia riparia	1	1	0	2	1	1	1	0	0	1.0	2.0	MLD PIB RB RCF	Recorder - 46 Records, dated 1961-2006, located: various. CH - Suggested for inclusion.	5.0
Kittiwake	Rissa tridactyla	1	1	0	2	0	0	1	0	0	1.0	2.0	MLD RCF	Recorder - 6 Records, dated 1974-2003, located: various. LH - Rare visitor.	4.0
Whinchat	Saxicola rubetra	1	0	0	1	1	1	1	0	1	1.0	3.0	GW HAG LRM PIB	Recorder - 19 Records, dated 1961-2003, located: various. DDOS - Considered Locally Rare / Unusual. CH - Suggested for inclusion.	5.0
Stonechat	Saxicola torquata	1	1	0	2	0	0	1	0	1	1.0	3.0	HAG	Recorder - 27 Records, dated 1974-2004, located: various. DDOS - Considered Locally Rare / Unusual. CH - Suggested for inclusion.	5.0
Woodcock	Scolopax rusticola	1	1	1	3	1	1	1	0	0	1.0	2.0	MLD SFM WW	Recorder - 57 Records, dated 1961-2005, located: various. CH - Suggested for inclusion.	6.0
Nuthatch	Sitta europaea	1	0	0	1	0	0	1	0	1	1.0	3.0	LW LHW PIB WW	Recorder - 22 Records, dated 1985-2006, located: various. DBAP - Species Action Plan priority, woodland. DDOS - Considered Locally Rare / Unusual.	4.0
Eider	Somateria mollissima	1	1	1	3	0	0	1	0	0	1.0	2.0	MLD RCF	Recorder - 1 Record, dated 1996, located: Thorne Moor. LH - Rare visitor.	5.0
Little tern	Sterna albifrons	1	1	1	3	0	0	1	0	0	0.5	1.5	MLD RCF	Recorder - 1 Record, dated 1985, located: Sprotbrough Flash. LH - Rare visitor.	4.5
Arctic tern	Sterna paradisaea	1	1	1	3	0	0	1	0	0	1.0	2.0	MLD RCF	Recorder - 6 Records, dated 1974-2003, located: various. LH - Rare visitor.	5.0
Sandwich tern	Sterna sandvicensis	1	1	1	3	0	0	1	0	0	0.5	1.5	MLD RCF	Recorder - 2 Records, dated 1974-1984, located: Denaby Ings. LH - Rare visitor.	4.5
Turtle dove	Streptopelia turtur	1	1	1	3	1	1	1	1	1	1.0	4.0	ASH AFM GW LW HAG LHW PWV UG WW	Recorder - 53 Records, dated 1961-2006, located: various. DBAP - Species Action Plan priority, farmland bird. DDOS - Considered Locally Rare / Unusual.	8.0
Starling	Sturnus vulgaris	1	1	1	3	0	0	1	0	0	1.0	2.0	NWG PWV RB UG	Recorder - 77 Records, dated 1891-2006, located: various.	5.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Shelduck	Tadorna tadorna	1	0	0	1	0	0	1	0	0	1.0	2.0	MLD RCF	Recorder - 27 Records, dated 1977-2006, located: various. CH - Suggested for inclusion.	3.0
Black grouse	Tetrao tetrix	1	1	1	3	1	1	1	1	0	0.5	2.5	HAG	Recorder - 3 Records, dated 1890-1989, located: Hatfield Moor and Thorne Moor.	6.5
Spotted redshank	Tringa erythropus	1	1	1	3	0	0	1	0	0	1.0	2.0	MLD RCF	Recorder - 7 Records, dated 1974-2001, located: various. LH - Rare visitor.	5.0
Wood sandpiper	Tringa glareola	1	1	1	3	0	0	1	0	0	1.0	2.0	MLD RCF	Recorder - 10 Records, dated 1974-2003, located: various. LH - Rare visitor.	5.0
Green sandpiper	Tringa ochropus	1	1	1	3	0	0	1	0	0	1.0	2.0	MLD RCF	Recorder - 20 Records, dated 1974-2005, located: various.	5.0
Redshank	Tringa totanus	1	1	1	3	1	1	1	0	0	1.0	2.0	MLD NWG RCF	Recorder - 35 Records, dated 1907-2005, located: various. CH - Suggested for inclusion.	6.0
Redwing	Turdus iliacus	1	1	1	3	0	0	1	0	0	1.0	2.0	ASH AFM GW NWG PWV UG	Recorder - 35 Records, dated 1961-2006, located: various.	5.0
Song thrush	Turdus philomelos	1	1	1	3	1	1	1	1	1	1.0	4.0	ASH GW LW LHW PWV PIB UG WW	Recorder - 118 Records, dated 1891-2006, located: various. DBAP - Farmland and urban. DDOS - Considered Locally Rare / Unusual.	8.0
Fieldfare	Turdus pilaris	1	1	1	3	0	0	1	0	0	1.0	2.0	ASH AFM GW NWG PWV UG	Recorder - 44 Records, dated 1961-2005, located: various.	5.0
Ring ouzel	Turdus torquatus	1	1	1	3	1	1	1	0	0	1.0	2.0	LW LHW	Recorder - 8 Records, dated 1805-2006, located: various.	6.0
Mistle thrush	Turdus viscivorus	1	1	1	3	0	0	1	0	0	1.0	2.0	ASH GW LW LHW PWV UG	Recorder - 76 Records, dated 1932-2006, located: various.	5.0
Barn owl	Tyto alba	1	1	1	3	1	1	1	0	0	1.0	2.0	ASH AFM GW LG HAG NWG PWV RB RCF	Recorder - 22 Records, dated 1961-2004, located: various. DBAP - Species Action Plan priority.	6.0
Lapwing / Green plover	Vanellus vanellus	1	1	1	3	1	1	1	0	0	1.0	2.0	AFM MLD NWG PIB RCF	Recorder - 80 Records, dated 1974-2006, located: various. CH - Suggested for inclusion.	6.0

Reptiles

Contributors:

(Including those on the holding table for species of this taxon)

DBAP	Doncaster Biodiversity Action Partnership
CH	Colin Howes

Habitat Codes:

ASH	Ancient and Species Rich Hedgerows
AFM	Arable Field Margins
CCT	Crags, Caves and Tunnels
GW	Greenways
LG	Limestone Grassland
LW	Limestone Woodland
HAG	Lowland Heathland / Acid Grassland Mosaic
LHW	Lowland Heathy Oak Woodland
LRM	Lowland Raised Mire
MLD	Marshes and Swamps, Lakes and Ponds, Ditches and Drains
SFM	Minor Streams, Springs, Fens, Flushes, Mires and Fenny Fields
NWG	Neutral and Wet Grassland
PWV	Parkland, Wood Pasture and Veteran Trees
PIB	Post Industrial and Brownfield Land
RB	Reedbeds
RCF	Rivers, Canals, Oxbows, Major Streams and Subsidence Flushes
UG	Urban Greenspace
WW	Wet Woodland

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Reptiles															
Slow-worm	Anguis fragilis	1	0	1	2	0	0	1	0	1	1.0	3.0	GW LW HAG LHW PIB UG	Habitat - Could live in a variety of habitats. Recorder - 13 Records, dated 1842-1996, located: various. DBAP - Found along the Limestone escarpments.	5.0
Common lizard / Viviparous lizard	Lacerta vivipara	1	0	1	2	0	0	1	0	1	1.0	3.0	GW HAG LHW PIB	Recorder - 49 Records, dated 1865-2006, located: various. DBAP - Species Action Plan priority, produce Reptile Group Action Plan, check requirements and link to heathland and brownfield action plan. CH - Scattered populations are known to occur on the Sherwood sandstone ridge and along limestone railway embankments.	5.0
Grass snake	Natrix natrix sub sp helvetica	1	0	1	2	0	0	1	0	0	1.0	2.0	ASH GW LW HAG LHW MLD PIB RB RCF UG	Habitat - Manure and compost heaps provide nest sites in urban habitats. Recorder - 140 Records, dated 1950-2006, located: various. DBAP - Species Action Plan priority, produce Reptile Group Action Plan, check requirements and link to heathland and brownfield action plan. CH - Yorkshire is the north of its natural range and Doncaster is probably its major headquarters within the region. Its distribution is largely concentrated in lowland river valleys and along well vegetated and marshy canal banks (habitats dominated by Glyceria & Phalaris). Grass snakes have a close relationship with allotments / gardens with compost heaps, and with amphibian sites.	4.0
Adder / Common viper	Vipera berus	1	0	1	2	0	0	1	0	1	1.0	3.0	HAG LHW LRM	Recorder - 60 Records, dated 1970-2006, located: various. DBAP - Species Action Plan priority, produce Reptile Group Action Plan, check requirements and link to heathland and brownfield action plan. CH - Undergone a substantial contraction of their former range, careful habitat management required if they are to recover from the depredation of peat milling and flooding of peatland habitats. Currently the local populations (major ones in South Yorkshire) are centred on Thorne Moors and Hatfield Moors, although some occur in heath/woodland sites on the Sherwood sandstone.	5.0

Mammals

Contributors:

(Including those on the holding table for species of this taxon)

DBAP Doncaster Biodiversity Action Partnership
CH Colin Howes

Habitat Codes:

ASH Ancient and Species Rich Hedgerows
AFM Arable Field Margins
CCT Craggs, Caves and Tunnels
GW Greenways
LG Limestone Grassland
LW Limestone Woodland
HAG Lowland Heathland / Acid Grassland Mosaic
LHW Lowland Heathy Oak Woodland
LRM Lowland Raised Mire
MLD Marshes and Swamps, Lakes and Ponds, Ditches and Drains
SFM Minor Streams, Springs, Fens, Flushes, Mires and Fenny Fields
NWG Neutral and Wet Grassland
PWV Parkland, Wood Pasture and Veteran Trees
PIB Post Industrial and Brownfield Land
RB Reedbeds
RCF Rivers, Canals, Oxbows, Major Streams and Subsidence Flushes
UG Urban Greenspace
WW Wet Woodland

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Mammals															
Water vole	Arvicola terrestris	1	0	1	2	1	1	1	1	0	1.0	3.0	MLD SFM RB RCF	Recorder - 190 Records, dated 1972-2006, located: various. DBAP - Species Action Plan priority. CH - Extensive published local references and research (can be supplied).	6.0
Roe deer	Capreolus capreolus	0	0	0	0	0	0	1	0	0	1.0	2.0	ASH GW LW LHW PWV	Recorder - 91 Records, dated 1990-2006, located: various. DBAP - Species Action Plan priority. CH - Deer are generally regarded as pests, potential pests or managed game. Roe are widespread and well established locally, with two feral populations known.	2.0
Red deer	Cervus elaphus	0	0	0	0	0	0	1	0	0	1.0	2.0	HAG LHW	Recorder - 16 Records, dated 1993-2004, located: various. DBAP - Species Action Plan priority. CH - Deer are generally regarded as pests, potential pests or managed game. Red are well established.	2.0
Brown hare	Lepus capensis / Lepus europaeus	1	0	0	1	1	1	1	1	1	1.0	4.0	ASH AFM LG HAG NWG PIB	Recorder - 66 Records, dated 1970-2006, located: various. DBAP - Species Action Plan priority, link to farmland action plans and brownfield and grassland plans. CH - Some published local references and research (can be supplied).	6.0
European otter / Otter	Lutra lutra	1	0	1	2	1	1	1	1	1	1.0	4.0	MLD SFM RB RCF	Recorder - 2 Records, dated 2001, located: Barnby Dun Area and Topham Ferry. DBAP - Species Action Plan priority. CH - Have historically occurred in all local river catchments and most of the still water lakes and ox-bow. Flooded mineral workings and canals have great potential but most are now developed for angling. Individuals have been reported since the 1970s and may become established as a breeding species in wetland regions with a low level of human disturbance.	7.0
Badger	Meles meles	0	0	0	0	0	0	0	0	0	0.0	0.0		Protected from persecution by the Badgers Act - No information available	0.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Harvest mouse	Micromys minutus	1	1	0	2	0	0	1	0	1	1.0	3.0	AFM MLD SFM RB RCF	Recorder - 11 Records, dated 1971-2005, located: various. DBAP - Species Action Plan priority, link to reedbed and rough grassland or cereal action plans. CH - Most populations seem to be associated with tall (Phragmites / Phalaris / Deschampsia - dominated) herbage in river washland and ditch networks, in dryer areas will use tall grasses (eg. Dactylis) in hedge bottoms and unploughed headlands. There seems to be a cyclic vulnerability to predators (Barn owls) when ditches are de-vegetated after harvest time.	5.0
Brandt's bat	Myotis brandtii	1	0	1	2	1	1	1	0	1	1.0	3.0	ASH CCT GW LW LHW PWV WW	Recorder - 1 Record, dated 1999, located: Don Gorge Bat Tunnel. DBAP - Species Action Plan priority, need to include building regs actions in plans. CH - Found in rot holes in over mature and veteran trees (mainly Beech), the species is probably under serious decline due to tree removal for reasons of public safety and fear of compensatory litigation.	6.0
Daubenton's bat	Myotis daubentonii	1	0	1	2	1	1	1	0	1	1.0	3.0	ASH CCT GW LW LHW MLD PWV RCF WW	Recorder - 33 Records, dated 1967-2005, located: various. DBAP - Species Action Plan priority. CH - Extensive published local references and research (can be supplied).	6.0
Whiskered bat	Myotis mystacinus	1	0	1	2	1	1	1	0	1	1.0	3.0	ASH CCT GW LW LHW PWV WW	Recorder - 11 Records, dated 1974-1998, located: various. DBAP - Species Action Plan priority. CH - Some published local references and research (can be supplied).	6.0
Natterer's bat	Myotis nattereri	1	0	1	2	1	1	1	0	1	1.0	3.0	ASH CCT GW LW LHW PWV WW	Recorder - 18 Records, dated 1985-2005, located: various. DBAP - Species Action Plan priority. CH - Some published local references and research (can be supplied).	6.0
Water shrew	Neomys fodiens	0	0	0	0	1	1	1	0	0	1.0	2.0	MLD SFM RB RCF WW	Recorder - 4 Records, dated 1972-2005, located: various. DBAP - Scarcely recorded, possible future research project.	3.0

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Noctule bat	Nyctalus noctula	1	0	1	2	1	1	1	0	1	1.0	3.0	ASH CCT GW LW LHW MLD PWV RCF WW	Recorder - 22 Records, dated 1969-2006, located: various. DBAP - Species Action Plan priority. CH - Under threat from loss of hibernation and nursery sites due to venerable / veteran tree work for health and safety. Extensive published local references and research (can be supplied).	6.0
Pipistrelle bat	Pipistrellus pipistrellus and Pipistrellus pygmaeus	1	0	1	2	1	1	1	1	0	1.0	3.0	ASH GW LW LHW PWV UG WW	Recorder - 213 Records, dated 1963-2006, located: various. DBAP - Species Action Plan priority. CH - Extensive published local references and research (can be supplied).	6.0
Brown long-eared bat	Plecotus auritus	1	0	1	2	1	1	1	0	1	1.0	3.0	ASH CCT GW LW LHW PWV UG WW	Recorder - 53 Records, dated 1842-2005, located: various. DBAP - Species Action Plan priority. CH - Some published local references and research (can be supplied).	6.0
Red squirrel	Sciurus vulgaris	1	1	1	3	1	1	1	1	0	0.0	2.0	LW LHW	Habitat - Locally extinct. Recorder - 1 Record, dated 1900, located: Edlington Wood. CH - Occurred in the Doncaster region up to the late 1950s. With the Grey Squirrel being abundant and ubiquitous through the region, there would seem to be little opportunity to maintain a sustainable reintroduced population. Extensive research and some published references exist.	6.0

Invertebrates

- Bees
- Wasps
- Beetles
- Butterflies
- Crickets / Grasshoppers
- Moths

Contributors:

(Including those on the holding table for species of this taxon)

DBAP	Doncaster Biodiversity Action Partnership
MEA	Dr Michael Archer
MG	Rev. Martin Greenland
RB	Roy Bedford
RG	Robert Goodison
RM	Robert Marsh

Habitat Codes:

ASH	Ancient and Species Rich Hedgerows
AFM	Arable Field Margins
CCT	Crags, Caves and Tunnels
GW	Greenways
LG	Limestone Grassland
LW	Limestone Woodland
HAG	Lowland Heathland / Acid Grassland Mosaic
LHW	Lowland Heathy Oak Woodland
LRM	Lowland Raised Mire
MLD	Marshes and Swamps, Lakes and Ponds, Ditches and Drains
SFM	Minor Streams, Springs, Fens, Flushes, Mires and Fenny Fields
NWG	Neutral and Wet Grassland
PWV	Parkland, Wood Pasture and Veteran Trees
PIB	Post Industrial and Brownfield Land
RB	Reedbeds
RCF	Rivers, Canals, Oxbows, Major Streams and Subsidence Flushes
UG	Urban Greenspace
WW	Wet Woodland

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Invertebrates - Bee															
	Andrena humilis	1	0	0	1	1	1	1	0	1	1.0	2.0	HAG LHW PIB	Habitat - Solitary ground nesting bee, preferring flowers of Hieracium and other yellow composites. Nesting burrows are dug in hard sand or stiff soil in sunny situations. Recorder - 6 Records, dated 1971-1996, located: various. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics, produce Group SAP? MEA - Records from Crow Wood, Sandall Beat Wood and Station Wood.	4.0
	Andrena nigriceps	1	0	0	1	1	1	1	0	1	0.5	2.0	HAG LHW PIB UG	Habitat - Sandy areas. Recorder - 4 Records, dated 1980-1983, located: various. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics, produce Group SAP? MEA - Record from Highfields.	4.0
	Andrena ovatula	1	0	0	1	0	0	1	0	1	0.5	2.0	HAG LHW PIB	Habitat - Nest burrows are dug in the ground, usually in sandy areas. Common where the soil is suitable. Recorder - 3 Records, dated 1971-1991, located: Crow Wood. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics, produce Group SAP? MEA - Record from Crow Wood.	3.0
	Andrena tibialis	1	0	0	1	0	0	1	0	1	0.5	2.0	HAG LHW PIB	Habitat - Sandy open areas. Recorder - 8 Records, dated 1971-1991, located: various. DBAP - Survey Blaxton Common and Crow Wood and locate and map nesting and flower areas used for collecting nectar and pollen. Estimate the likelihood of survival of nesting and flower areas, produce Group SAP? MEA - Records from Crow Wood and Blaxton Common.	3.0

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	<i>Andrena varians</i>	1	0	0	1	0	0	1	0	1	1.0	2.0	HAG LHW	Habitat - Variety of habitats, including open woodland, scrubby parts of grassland and heathland, non-intensive agricultural settings (including those involving orchards) and probably a variety of disturbed situations on light soils. Recorder - 1 Record, dated 1987-1996, located: Barnby Dun Station Wood. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics, produce Group SAP? MEA - Records from Station Wood and Blaxton Common.	3.0
Short haired bumble bee	<i>Bombus subterraneus</i>	1	0	0	1	0	0	1	1	0	0.0	2.0	HAG	Habitat - Formerly widespread on areas of extensive grassland (especially dunes), now mostly coastal. Nests underground. Now extinct locally. Recorder - 1 Record, dated 1934, located: Thorne Moor. MEA - Extinct from the county. RG - No surviving sites in Yorkshire.	3.0
	<i>Coelioxys inermis</i>	1	0	0	1	0	0	1	0	1	0.0	2.0	LG HAG LHW	Habitat - Cleptoparasite on <i>Megachile</i> and <i>Anthophora</i> leaf-cutter bees. Recorder - 0 Records. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics, produce Group SAP? MEA - Records from Hatfield Moor and Thorne Moor.	3.0
Large yellow-faced bee	<i>Hylaeus signatus</i>	1	0	0	1	0	0	1	0	1	1.0	2.0	HAG LHW PIB UG	Habitat - Associated with flowers of <i>Reseda</i> sp. Recorder - 6 Records, dated 1986-2000, located: various. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics, produce Group SAP? MEA - Records from Thorne Moor and Sandall Beat Wood.	3.0
	<i>Megachile ligniseca</i>	1	0	0	1	0	0	1	0	1	0.0	2.0	HAG LHW PIB UG	Habitat - Woodcarving leaf-cutter bee. Nests in aerial situations e.g. holes in old masonry. Recorder - 0 Records. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics, produce Group SAP? MEA - Records from Thorne Moor and Potteric Carr.	3.0

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	Melitta leporina	1	0	0	1	0	0	1	0	1	1.0	2.0	HAG LHW PIB	Habitat - The female gathers pollen from clovers and vetches. Recorder - 5 Records, dated 1980-1996, located: various. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics, produce Group SAP? MEA - Records from Bentley Common, Sandall Beat Wood and Rossington Bridge.	3.0
	Nomada flava	1	0	0	1	0	0	1	0	1	1.0	2.0	HAG LHW PIB	Habitat - Cleptoparasite on <i>Abdrena scotica</i> . Recorder - 2 Records, dated 1987-1996, located: Long Plantation Edenthorpe and Rossington Bridge Area. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics, produce Group SAP? MEA - Records from Potteric Carr and Rossington Bridge.	3.0
	Nomada flavopicta	1	0	0	1	0	0	1	0	1	0.5	2.0	HAG LHW PIB	Habitat - Cleptoparasitic on <i>Melitta leporina</i> . Recorder - 11 Records, dated 1972-1990, located: various. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics, produce Group SAP? MEA - Records from Crow Wood and Sandall Beat Wood.	3.0
6-banded nomad bee	Nomada fulvicornis	1	1	0	2	0	0	1	0	1	0.5	2.0	HAG PIB	Habitat - Cleptoparasite on <i>Abdrena</i> sp. Recorder - 2 Records, dated 1971-1991, located: Crow Wood. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics, produce Group SAP? MEA - Record from Crow Wood.	4.0
	Nomada lathburiana	1	1	0	2	1	1	1	0	0	1.0	1.0	HAG LHW PIB	Habitat - Cleptoparasite on <i>Abdrena</i> sp. Recorder - 9 Records, dated 1986-1996, located: Barnby Dun Station Wood and Pot Hill. DBAP - Survey Station Wood and locate and map nesting areas of its host <i>Andrena cineraria</i> and the nectar and pollen collecting areas. Estimate the likelihood of survival of the host's nesting and flower areas, produce Group SAP? MEA - Records from Station Wood but not considered locally important.	4.0

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	Nomada pleurostricta	1	0	0	1	1	1	1	0	1	1.0	2.0		Recorder - 13 Records, dated 1973-1999, located: various. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics, produce Group SAP? MEA - Records from Station Wood and Sandall beat wood.	4.0
	Panurgus banksianus	1	0	0	1	0	0	1	0	1	0.5	2.0	HAG LHW PIB	Recorder - 9 Records, dated 1972-1990, located: various. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics, produce Group SAP? MEA - Record from Sandall Beat Wood.	3.0
	Sphecodes crassus	1	0	0	1	0	0	1	0	1	1.0	2.0	LG HAG LHW PIB	Habitat - Cleptoparasitic on Lasioglossum nitidiusculum. Recorder - 3 Records, dated 1986-2000, located: Pot Hill. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics, produce Group SAP? MEA - Record from Blaxton Common.	3.0
Invertebrates - Wasp															
	Ancistrocerus antilope	1	1	0	2	0	0	1	0	0	0.0	1.0	LG LW HAG LHW PIB UG	Habitat - Various habitats, perhaps most frequently encountered in the vicinity of old mud-walled buildings or vertical clay banks in rural settings (e.g. farmyards, villages), although also found in grassland, heaths, woods, suburban parks and gardens. Recorder - 1 Record, dated 1973, located: Sandall Beat. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics. Produce Group SAP? MEA - Extinct from the county.	3.0
	Anoplius infuscatus	1	0	0	1	0	0	1	0	1	1.0	2.0	HAG LHW PIB	Habitat - A spider-hunting wasp, found in moist sandy places, most frequently in coastal sand dunes. Recorder - 6 Records, dated 1972-2000, located: Blaxton and Crow Wood. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics. Produce Group SAP? MEA - Records from Crow Wood and Blaxton Common.	3.0

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Black banded spider wasp	Anoplius viaticus	1	0	0	1	0	0	1	0	1	1.0	2.0	HAG LHW PIB	Habitat - Subterranean nesters, burrow excavated in sandy soils. Recorder - 7 Records, dated 1971-1995, located: Crow Wood and Hatfield Moor. DBAP - Survey Blaxton Common and Crow Wood and locate and map nesting areas. Estimate the likelihood of survival of nesting areas. Produce Group SAP? MEA - Records from Crow Wood and blaxton Common.	3.0
Sand tailed digger wasp	Cerceris arenaria	1	0	0	1	0	0	1	0	1	1.0	2.0	HAG LHW PIB	Habitat - Makes a deep burrow in soil, nearly always in sandy places. Preys on weevils. Recorder - 4 Records, dated 1971-1996, located: Crow Wood and Rossington Bridge Area. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics. Produce Group SAP? MEA - Records from Crow Wood, Blaxton Common and Rossington Bridge.	3.0
	Cerceris rybyensis	0	0	0	0	0	0	1	0	1	0.0	2.0	GW LG HAG PWV PIB	Habitat - Makes a deep nest burrow in flat, bare and often rather hard ground such as the edges of paths. Preys on solitary bees especially Hylaeus and Halictus. Recorder - 0 Records. MEA - Record from Blaxton Common.	2.0
	Chrysura radians	1	0	0	1	0	0	1	0	1	1.0	2.0	ASH GW LW LHW PWV PIB	Habitat - A variety of reasonably open, sunny situations seem to be favoured. Dead wood such as old posts, stumps and dead trees is required for host nesting. A parasitoid of larvae of bees of the genus Osmia. Recorder - 2 Records, dated 1980-1996, located: Barnby Dun Station Wood. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics. Produce Group SAP? MEA - Records from Askern and Station Wood.	3.0
	Cleptes semiauratus	1	0	0	1	0	0	1	0	1	1.0	2.0	GW PIB UG	Habitat - A parasitic garden species. Recorder - 5 Records, dated 1979-1996, located: various. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics. Produce Group SAP? MEA - Records from Crow Wood and Station Wood.	3.0

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	Crossocerus binotatus	1	0	0	1	1	1	1	0	1	0.5	2.0	ASH GW LW LHW PWV PIB UG	Habitat - Associated with dead wood and timber in a variety of situations, including woodland margins, open structured woodland (including coppice), non-intensive farmland, parkland, wetland margins, even gardens and railway cuttings. Recorder - 2 Records, dated 1978-1983, located: Highfields and Sprotbrough Area. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics. Produce Group SAP? MEA - Record from High Melton.	4.0
	Crossocerus palmipes	1	0	0	1	0	0	1	0	1	1.0	2.0	HAG LHW PIB	Habitat - Open sandy habitats, especially heathland and disturbed situations such as sandpits and coastal landslips. Recorder - 13 Records, dated 1972-1996, located: various. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics. Produce Group SAP? MEA - Records from Crow Wood, Blaxton Common and Rossington Bridge.	3.0
	Ectemnius ruficornis	1	0	0	1	1	1	1	0	1	0.5	2.0	ASH GW LW LHW PWV	Habitat - Associated with dead wood (fallen trees, stumps, old fence posts etc.) in sunny situations and in the vicinity of good stands of umbellifers. Recorder - 7 Records, dated 1980-1989, located: various. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics. Produce Group SAP? MEA - Records from Old Denaby, Potteric Carr, Howell Wood, Askern.	4.0
	Hedychridium cupreum	1	0	0	1	0	0	1	0	1	1.0	2.0	HAG PIB	Habitat - This species and its host favour a variety of open, sandy situations, including coastal dunes, heathland and disturbed locations such as sandpits. There is a requirement for bare sand in warm, sunny situations. Recorder - 5 Records, dated 1984-1996, located: Rossington Bridge Area and Rossington Bridge Mother Drain. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics. Produce Group SAP? MEA - Record from Rossington Bridge.	3.0

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Small spurred digger wasp	Nysson dimidiatus	1	0	0	1	0	0	1	0	1	0.5	2.0	ASH GW LG HAG PIB UG	Habitat - Open sandy situations, including heathland, coastal dunes, coastal landslips and soft rock cliffs, chalk heath and disturbed locations such as sandpits, sandy hedgebanks and even gardens. Recorder - 2 Records, dated 1988-1992, located: Hatfield Moor and Pot Hill. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics. Produce Group SAP? MEA - Records from Hatfield Moor and Blaxton Common.	3.0
	Nysson trimaculatus	1	0	0	1	1	1	1	0	1	0.5	2.0	LG HAG LHW PIB	Habitat - Cleptoparasite. Found in a variety of open situations on reasonably light soils, including heathlands, dry grassland, open woodland, coastal landslips, soft rock cliffs, and other disturbed locations such as sandpits. Recorder - 8 Records, dated 1972-1990, located: various. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics. Produce Group SAP? MEA - Records from Crow Wood and Blaxton Common.	4.0
	Omalus aeneus	1	0	0	1	0	0	1	0	1	0.0	2.0	ASH GW LW HAG LHW PWV PIB WW	Habitat - A ruby-tailed wasp, larvae are parasitoids of the larvae of stem- and wood-nesting Sphecicid wasps of the subfamily Pemphredinoninae. Recorder - 0 Records. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics. Produce Group SAP? MEA - Record from Howell Wood.	3.0
	Pemphredon morio	1	0	0	1	0	0	1	0	1	0.5	2.0	ASH GW LW HAG LHW MLD PWV UG WW	Habitat - Associated with dead wood (e.g. dead trees, stumps and old fence posts) in warm, sunny situations. Found in a variety of habitats, such as open woodland, woodland margins, parkland, hedgerows, heathland and wetlands (with isolated trees or carr). Recorder - 2 Records, dated 1980-1990, located: Conisbrough Area and Thorne. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics. Produce Group SAP? MEA - Record from Ashfield.	3.0

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Bee wolf	Philanthus triangulum	1	1	0	2	0	0	1	0	1	1.0	2.0	HAG LHW PIB	Habitat - Coastal sand dunes and cliffs on the Isle of Wight, and heathlands in East Anglia. The nest burrows are excavated in both vertical and level sandy soil. Recorder - 1 Record, dated 2000, located: Armthorpe Area. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics. Produce Group SAP? MEA - Record from Blaxton Common.	4.0
	Priocnemis cordivalvata	1	0	0	1	0	0	1	0	1	0.0	2.0	LW LHW	Habitat - Usually encountered in the sunny rides and glades of mature broadleaved woodland and, occasionally, coppiced woodland. Recorder - 0 Records. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics. Produce Group SAP? MEA - Record from Howell Wood.	3.0
Two coloured mimic wasp	Psen bicolor	1	1	0	2	0	0	1	0	1	0.5	2.0	HAG LHW PIB	Habitat - Open sandy habitats, especially heathland, but occasionally reported from coastal dunes. Recorder - 5 Records, dated 1979-1990, located: Crow Wood and Hatfield Lings. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics. Produce Group SAP? MEA - Record from Crow Wood.	4.0
	Pseudomalus violaceus	1	0	0	1	0	0	1	0	1	0.0	2.0	ASH PWV UG	Habitat - Open areas with ancient trees, meadows and pastures. Reported to use bee/wasp nesting tubes in gardens. Recorder - 0 Records. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics. Produce Group SAP? MEA - Records from Old Denaby and Potteric Carr.	3.0
Cuckoo bee	Sphecodes reticulatus	0	0	0	0	0	0	1	0	1	0.0	2.0	LG HAG PIB	Habitat - It has been found in a variety of habitats on light soils such as sandy heathland, soft rock cliffs, sandpits and chalk grassland. Recorder - 0 Records. MEA - Record from Blaxton Common.	2.0

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	<i>Stigmus solskyi</i>	1	0	0	1	0	0	1	0	1	0.5	2.0	ASH LW LHW PWV WW	Habitat - Nests in beetle emergence holes in dead wood and sometimes in broken plants stems. Prey: aphids. Recorder - 6 Records, dated 1970-1989, located: various. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics. Produce Group SAP? MEA - Records from Howell Wood, Blaxton Common and Sandall Beat Wood.	3.0
	<i>Tachysphex nitidus</i>	1	0	0	1	0	0	1	0	1	0.0	2.0	HAG LHW PIB	Habitat - Subterranean nesters in sandy soils. Long burrow ending in single cell stocked with grasshopper nymphs. Recorder - 0 Records. DBAP - Continue field survey, beginning with known sites and then those with similar habitat characteristics. Produce Group SAP? MEA - Records from Crow Wood and Blaxton Common.	3.0
Invertebrates - Beetle															
	<i>Agabus uliginosus</i>	1	0	0	1	1	1	1	0	1	1.0	2.0	MLD RB	Habitat - Shallow seasonal pools in woodland, improved grassland and fens. Recorder - 5 Records, dated 1903-2005, located: various. RM - Few records, restricted to well established good quality wetlands.	4.0
Rove beetle	<i>Aleochara ruficornis</i>	1	0	0	1	0	0	1	0	1	1.0	2.0	LG LW MLD	Habitat - Found in woodland, downland, the upper reaches of saltmarsh and the base of chalk cliffs. Recorder - 3 Records, dated 1977-2002, located: various. RM - Myrmecophile, could occur anywhere, underworked group and habitat.	3.0
Cardinal click beetle	<i>Ampedus nigerrimus</i>	1	1	0	2	0	0	1	0	0	0.0	1.0	PWV	Habitat - Lives in red heart rot in large oak trees. Very rare. Recorder - 1 Records, dated unknown, located: Thorne Moor. RM - Thorne Moor subfossil only, in Britain only at Windsor Forest/MOCCAS ?	3.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
	<i>Atheta (Philhygra) brittini</i>	1	0	0	1	0	0	1	0	1	0.5	2.0	MLD RB RCF	Habitat - The beetle has been found in wetland, on river banks and in parks, it has also been found in litter in a reed bed. Recorder - 1 Record, dated 1986, located: Sprotbrough. RM - Very local species found on wetlands.	3.0
	<i>Atheta (Philhygra) hygrobia</i>	1	0	0	1	0	0	1	0	1	0.5	2.0	MLD SFM RB RCF WW	Habitat - This beetle is seen in wetland, wet woodland, river and stream margins, the edges of ponds and lakes, and willow carr. It has been found in moss, in reed and sedge litter, and in leaf-litter. Recorder - 5 Records, dated 1969-1990, located: various. RM - Mainly found on wetland sites but also in damp woods.	3.0
Ground beetle	<i>Bembidion humerale</i>	1	1	0	2	0	0	1	0	0	1.0	1.0	LRM	Habitat - Lives on bare or alga covered peat, typically beside pools but able to temporarily colonise the bare surface of peat cuttings. Recorder - 23 Records, dated 1981-2005, located: various. DBAP - Species Action Plan priority. RM - Restricted to Thorne/Hatfield Moors.	3.0
	<i>Calodera nigrita</i>	1	0	0	1	0	0	1	0	1	0.5	2.0	MLD SFM RB RCF	Habitat - Wetland and marshes. Recorder - 2 Records, dated 1984-1985, located: Sandall Beat and Thorne Moor. RM - Found in damp woodlands.	3.0
Robin's darkling beetle	<i>Corticeus unicolor</i>	1	1	0	2	1	1	1	0	1	1.0	2.0	LW HAG LHW LRM PWV	Habitat - Ancient broad-leaved woodland and pasture-woodland but also noted amongst birch on raised bogs and heathland. Under the decaying bark of beech, oak, elm and birch. Recorder - 12 Records, dated 1966-2002, located: various. RM - Restricted to established old woodlands.	5.0
Mire pill beetle	<i>Curimopsis nigrita</i>	1	1	1	3	0	0	1	1	1	1.0	3.0	LRM	Habitat - Apparently confined to lowland peat bogs in the presence of heather (<i>Calluna</i>). Only known in Britain from Thorne Waste, South Yorkshire. Recorder - 6 Records, dated 1977-2000, located: Hatfield Moor and Thorne Moor. DBAP - Species Action Plan priority. RM - Doncaster holds the only national records for this species.	6.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
	<i>Dochmonota clancula</i>	1	0	0	1	0	0	1	0	1	1.0	2.0	LRM MLD SFM RB RCF	Habitat - Found in wetland, bogs, fens and ponds. Recorder - 4 Records, dated 1986-2002, located: various. RM - Found in well established clean wetlands.	3.0
Reed beetle	<i>Donacia aquatica</i>	1	1	0	2	0	0	1	1	1	0.0	3.0	MLD RB RCF	Habitat - Aquatic and semi-aquatic habitats, such as freshwater lakes, ponds and possibly ditches. Phytophagous. Associated with sedges, sweet- grass and bur-reeds. On the Continent, this species has also been recorded from greater spearwort <i>Ranunculus lingua</i> . Recorder - 1 Record, dated 1906, located: Arksey Area. DBAP - No further action? RM - Associated with sedges, sweet grasses (particularly floating sweet grass) and bur-reeds, also possibly greater spearwort. Nationally it is very scarce.	5.0
	<i>Dromius longiceps</i>	1	0	0	1	1	1	1	0	0	0.0	1.0	RB RCF	Habitat - Found in reed litter in fens and estuaries where it preys on other invertebrates in reed stems. Restricted to Humber Estuary, Cambridgeshire Fens and Norfolk Broads. Recorder - 2 Records, dated 1950-1976, located: Thorne Moor. RM - Old records for Thorne Moor (1950 and 1976), should still occur.	3.0
Ground beetle	<i>Dromius quadrisignatus</i>	1	1	0	2	0	0	1	0	0	0.0	1.0	ASH LW LHW WW	Habitat - Found on various deciduous trees and amongst dead branches and twigs on the ground. Recorder - 1 Record, dated 1966, located: Denaby Ings. RM - Scarce species, the Denaby Ings record seems to be the only one for Yorkshire.	3.0
Ground beetle	<i>Dromius sigma</i>	1	0	0	1	0	0	1	0	0	0.5	1.0	MLD SFM RB	Habitat - In shaded situations in fens and marshes. Recorder - 5 Records, dated 1975-1985, located: Inkle Moor and Thorne Moor. DBAP - Species Action Plan priority. RM - Very scarce.	2.0
Wood-boring weevil	<i>Dryophthorus corticalis</i>	1	1	0	2	1	1	1	0	0	0.5	1.0	LW LHW PWV	Habitat - A beetle found in red-rotten wood, tough stringy wood and under the bark of oak, often in association with the ant <i>Lasius brunneus</i> . Recorder - 2 Records, dated 1993, located: Thorne Moor. RM - Thorne records are subfossil only.	4.0

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Noble chafer	Gnorimus nobilis	1	1	0	2	0	0	1	1	1	0.0	3.0	LW LHW PWV UG WW	Habitat - Scarab beetle, associated with fruit trees or willows. Found in orchards, open woods and wood pasture. Recorder - 1 Record, dated 1970, located: North Common Farm. DBAP - No further action. RM - The Doncaster record is subfossil only.	5.0
Diving beetle	Hydroporus rufifrons	1	1	1	3	0	0	1	1	1	0.0	3.0	LRM RCF	Habitat - Mainly found in temporary marshes in old oxbow systems, and in peat pools. Recorder - 1 Record, dated unknown, located: Thorne Moor. RM - Could crop up anywhere, old records at Thorne, there are recent records at Epworth (just outside Doncaster Boundary).	6.0
	Hypera diversipunctata	1	1	0	2	1	1	1	0	0	0.0	1.0	HAG SFM RCF WW	Habitat - Found at edge of woodland, swept from marshy areas, and found amongst cut grass by the side of rivers. Phytophagous. Species may be associated with members of the Caryophyllaceae, particularly bog stitchwort Stellaria alsine. Recorder - 1 Record, dated 1972, located: Thorne Moor. RM - Nationally very scarce, very few records for the county.	4.0
	Ilyobates propinquus	1	0	0	1	0	0	1	0	1	0.5	2.0	HAG SFM NWG PIB RCF	Habitat - Found on sandy places, including river banks and sandpits. The beetle has also been found in flood meadows, under stones and in litter beneath greater tussock-sedge in wet, vegetated areas. Recorder - 1 Record, dated 1985, located: Rossington Bridge Mother Drain. RM - Very rare nationally.	3.0
Water beetle	Laccophilus obsoletus (poecilus)	1	1	0	2	0	0	1	1	1	0.0	3.0	MLD RB RCF	Habitat - Water beetle typical of marshes near the sea, although not necessarily in brackish water. Very rare. Recorder - 3 Records, dated 1907-1955, located: Thorne Moor. DBAP - Species Action Plan priority? RM - Ditch management key to species survival (see English Nature report on this species), attempts to rediscover the species on Thorne Moor in 2000 were not successful.	5.0

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Stag beetle	Lucanus cervus	1	1	1	3	0	0	1	1	1	0.0	3.0	LW LHW PWV	Habitat - Breeds in decaying broad-leaved timber, particularly elm, beech and lime. Recorder - 1 Record, dated 1973, located: Balby, St Catherine's Hospital. DBAP - No further action. RM - The record was probably introduced by human activity, reported specimens were not confirmed by entomologists.	6.0
	Myllaena kraatzi	1	0	0	1	0	0	1	0	1	1.0	2.0	LRM MLD SFM	Habitat - Found in bogs and marshes. The beetle occurs in Sphagnum moss. Recorder - 3 Records, dated 1984-2002, located: Potteric Carr and Thorne Moor. RM - Wetland species.	3.0
Net-winged beetle	Pyropterus nigroruber	1	0	0	1	1	1	1	0	1	1.0	2.0	ASH LW LHW PWV WW	Habitat - Ancient, broad-leaved woodland and pasture-woodland. Found in rotten wood and under bark; noted in decaying birch logs in damp woodland. Recorder - 19 Records, dated 1903-2004, located: various. RM - A national rarity which is restricted to 2 populations centres in England, Doncaster and North East Yorkshire (Helmsley). Dead timber is required for breeding.	4.0
	Rhizophagus picipes	1	0	0	1	1	1	1	0	1	0.5	2.0	ASH LW LHW PWV WW	Habitat - Woodland and pasture-woodland. Occurs at sap and under the bark of pine, oak, beech, ash, poplar, alder and sycamore. Probably occurs in association with other trees. Also found in fungi and rotting vegetation. Recorder - 4 Records, dated 1967-1983, located: Denaby Ings and Sandall Beat. RM - A notable species.	4.0
Rove beetle	Schistoglossa gemina	1	0	0	1	1	1	1	0	1	0.5	2.0	MLD SFM RCF	Habitat - Found in wetland, marshes, fens, lake margins and in the vicinity of wet ditches. Recorder - 1 Record, dated 1987, located: Rossington Bridge Mother Drain. RM - Wetland species.	4.0
	Xyloterus signatus	1	0	0	1	1	1	1	0	1	0.0	2.0	LW LHW PWV	Habitat - Small bark beetle developing in hard dead timber, particularly in oak. Recorder - 2 Records, dated 1914, located: Cusworth Hall and Wheatley Wood. RM - Old records from local woodlands.	4.0

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Invertebrates - Butterfly															
High brown fritillary	Argynnis adippe	1	1	1	3	0	0	1	1	0	0.0	2.0	LW LHW	Habitat - A woodland butterfly which has undergone a dramatic decline in the last 30 years. Larvae feed on various species of violet. Used to flourish in large coppiced woods and it is likely that modern shady plantations are unsuitable. Extinct in Yorkshire. Recorder - 1 Record, dated 1901, located: Edlington Wood. MG - extinct in Yorkshire. RG - Extinct throughout Yorkshire and Humber.	5.0
Dark green fritillary	Argynnis aglaja	1	0	0	1	0	0	1	0	1	0.5	2.0	ASH GW LW HAG LHW	Habitat - Frequents rough broken ground on fairly open unimproved grassland such as sea-cliffs, dunes, downland, heathland, moorland and large rides. Recorder - 1 Record, dated 1983, located: Thorne Moor. RB - Migrating adults are now more common than previously, requires further monitoring. MG - Probably only wanderers occur.	3.0
Pearl-bordered fritillary	Boloria euphrosyne	1	0	1	2	1	1	1	1	0	0.0	2.0	LW LHW	Habitat - A woodland species. Larvae feed on <i>Viola riviniana</i> in the south and on <i>V. palustris</i> in the north. Young violets growing in open sunny conditions are preferred. Recorder - 1 Record, dated 1907, located: Edlington Wood. RB - Not thought to be in Doncaster area. RM - Species generally found in the south west of country. MG - Extinct in Doncaster.	5.0
Small pearl-bordered fritillary	Boloria selene	1	0	0	1	0	0	1	0	0	0.0	1.0	LW NWG WW	Habitat - Damp meadow and damp woodland habitat. Extinct in Doncaster since mid 19th Century. The larva feeds on <i>Viola riviniana</i> in the south and <i>V. canina</i> in the north, though other <i>Viola</i> spp. are eaten. It frequents woodlands, damp meadows and coastal cliffs. Recorder - 1 Record, dated 1830, located: Edlington Wood. RB - Not thought to be in Doncaster area. MG - Extinct in Doncaster. RG - Does not occur in South Yorkshire.	2.0

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Green hairstreak	Callophrys rubi	1	0	0	1	0	0	1	0	1	0.5	2.0	LRM	Habitat - Generally restricted to upland areas. The larva usually feeds on <i>Vaccinium myrtillus</i> on moorlands, <i>Helianthemum nummularium</i> on calcareous grassland and any species of <i>Ulex</i> on southern acidic and neutral soils. Recorder - 2 Records, dated 1983-1984, located: Thorne Moor. RB - Not thought to be in Doncaster area. MG - If still occurs, it is locally rare in Doncaster. RG - Does not appear to be present in or around Doncaster according to regional records.	3.0
Large heath	Coenonympha tullia	1	0	1	2	1	1	1	0	1	1.0	2.0	HAG LRM	Habitat - Lowland raised bogs, peat mosses, upland blanket bog and damp acid moorland. Larva are diurnal feeders on large, mature clumps of <i>Eriophorum</i> . Recorder - 6 Records, dated 1981-2005, located: Hatfield Moor and Thorne Moor. RB - Recorded from Thorne, Crowle and Hatfield. MG - Significant population on the edge of its UK range.	5.0
Dingy skipper	Erynnis tages	1	0	1	2	0	0	1	0	1	1.0	2.0	GW LG LW HAG PIB	Habitat - The butterfly occurs in discrete colonies, frequenting downland, dunes, heaths, embankments, woodland rides and occasionally damper areas. The larva feeds on <i>Lotus corniculatus</i> and <i>L. uliginosus</i> . Recorder - 9 Records, dated 1976-2005, located: various. MG - Declining nationally; always at risk from habitat loss. RG - Potential SAP candidate and Butterfly Conservation priority, however mainly associated with Brownfield sites therefore there are conservation implications.	4.0
Grayling	Hipparchia semele	1	0	0	1	0	0	1	0	1	0.5	2.0	GW PIB	Habitat - Yorkshire populations favour railway sites. Seems to need sparse vegetation, and bare areas to bask. Unimproved grassland on many soil types. Larva on several grasses including <i>Agrostis setacea</i> , <i>Festuca ovina</i> and <i>Ammophila arenaria</i> . Recorder - 2 Records, dated 1976-1986, located: Baby Little Moor and Thorne Moor. RB - Thought to be present in remote or obscure locations e.g. railways. MG - Believed extinct in Doncaster. RG - Appears to be very rare South Yorkshire.	3.0

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Purple hairstreak	Neozephyrus quercus / Quercusia quercus	1	0	1	2	0	0	1	0	1	1.0	2.0	ASH GW LW LHW PWV	Habitat - Inhabits woodlands, the larva feeding on Quercus. Recorder - 19 Records, dated 1997-2006, located: various. RB - Found on mature oak in Doncaster area. RG - Suspects this is not that rare due to it being a tree top species and therefore not commonly observed. Distribution appears weighted to the south west of Doncaster - woodland management of oak woods would cater for its conservation needs.	4.0
Swallowtail	Papilio machaon	1	1	1	3	0	0	1	0	0	0.0	1.0	SFM RB	Habitat - In Britain it is a fenland species, the larva feeding on Peucedanum palustre. Once resident in Yorkshire but now extinct. Recorder - 1 Record, dated 1946, located: Thorne Moor. RB - Not thought to be in the Doncaster area. MG - Extinct in Yorkshire, historic occurrence in Doncaster doubtful. RG - Unlikely to occur in Doncaster.	4.0
Green-veined white	Pieris napi	0	0	0	0	0	0	1	0	0	1.0	1.0	ASH GW LW LHW SFM NWG RCF	Habitat - Common but prefers damp and humid sites. Frequents a variety of habitats but is most common in open woodland and grassland. The eggs are laid singly on crucifers including rape, cuckoo-flower, hedge mustard and horse radish. Recorder - 178 Records, dated 1966-2006, located: various. MG - Suggested for inclusion, reliable record held.	1.0
Silver-studded blue	Plebejus argus	1	0	1	2	0	0	1	1	1	0.0	3.0	LG HAG	Habitat - The larva feeds on a range of plants including Ulex and Erica. Recorder - 1 Record, dated 1919, located: Thorne Moor. RB - Unofficial releases made in South Yorkshire (Rotherham/Sheffield). MG - Extinct in Doncaster. RG - Does not occur naturally but species has been unofficially released in the east of Rotherham district and was still present in 2005.	5.0

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Grizzled skipper	Pyrgus malvae	1	0	0	1	0	0	1	0	0	0.0	1.0	GW LG PIB	Habitat - Found on sheltered meadows, downland and open woodland rides. Larva on Potentilla, Fragaria vesca and Agrimonia eupatoria. Recorder - 2 Records, dated 1960-1971, located: Hatfield Moor and Thorne Moor. MG - Extinct in Yorkshire (possible unofficial releases). RG - Occurs south of the region, possible sightings would need verification by Butterfly Conservation.	2.0
White letter hairstreak	Satyrrium w-album / Strymonidia w-album	1	0	1	2	0	0	1	0	1	1.0	2.0	ASH GW LW LHW PWV	Habitat - Woodland, hedgerows and gardens. Larva on Ulmus glabra and also U. procera, colonies usually confined to a small group or even a single tree. Recorder - 136 Records, dated 1890-2006, located: various. RB - Thought to be present on Wych elms, surveys needed. MG - Perhaps more common than people realise, reliable records held but not on Recorder. RG - Undoubtedly suffered as a result of Dutch Elm disease but not necessarily threatened, it appears to be able to utilise Elm suckers, saplings and a few exotic Elm species. Requires further investigation but not considered a candidate for conservation measures.	4.0
Invertebrates - Cricket/ Grasshopper															
Mole cricket	Gryllotalpa gryllotalpa	1	1	1	3	0	0	1	0	0	0.0	1.0	MLD NWG RCF	Habitat - Found in moist localities, particularly in water meadows or flood plains near to rivers, streams, canals or ponds. Recorder - 1 Record, dated 1950, located: Thorne Moor.	4.0
Oak bush cricket	Meconema thalassinum	1	0	0	1	0	0	1	0	1	1.0	2.0	ASH LW LHW PWV	Habitat - Arboreal bush cricket of deciduous woodland. At northern edge of range in Yorkshire. Recorder - 32 Records, dated 1980-2005, located: various.	3.0
Bog bush cricket	Metrioptera brachyptera	1	0	0	1	0	0	1	0	1	1.0	2.0	HAG LRM	Habitat - Associated with the wetter areas of heathland, and may occur in extremely wet bogs. Recorder - 9 Records, dated 1981-2005, located: Hatfield Moor and Thorne Moor.	3.0

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Invertebrates - Moth															
Bordered gothic	Heliophobus reticulata	1	0	0	1	1	1	1	1	0	0.0	2.0	GW LW PIB	Habitat - Calcareous habitats including brownfield sites, quarries and embankments. Downland, rough ground and sea-cliffs. Recorder - 2 Records, dated 1900-1901, located: Edlington Wood. RM - Rare outside Breckland, it's habitat is rough ground and sea cliffs.	4.0
Waved carpet	Hydrelia sylvata	1	0	0	1	0	0	1	1	0	0.0	2.0		Habitat - Woodland and scrub often near watercourses. Also in scrub on heathland and limestone grasslands. Larva on Alnus, Betula, Salix and Aesculus. Recorder - 5 Records, dated 1883-1968, located: Edlington Wood.	3.0
Lunar yellow underwing	Noctua orbona	1	0	0	1	1	1	1	1	0	0.5	2.0	LG HAG LHW PIB	Habitat - Dry sandy heathy or calcareous sites. Open Woodland. Recorder - 2 Records, dated 1971-1980, located: Hatfield Moor and Thorne Moor. RM - Found in east of UK.	4.0
Scarce vapourer	Orgyia recens	1	1	0	2	1	1	1	0	1	1.0	2.0	ASH GW LW LHW	Habitat - Larva on Crataegus, Salix, Quercus and many other deciduous trees and shrubs. Formerly widespread in southern England and parts of Wales, now only recorded in Yorkshire, Lincolnshire and Norfolk. Recorder - 38 Records, dated 1883-2005, located: various. DBAP - Species Action Plan priority.	5.0
Argent and sable	Rheumaptera hastata	1	0	0	1	1	1	1	1	1	0.5	3.0	HAG LHW PIB WW	Habitat - Birch woodland, the larva feeding on Betula. Recorder - 9 Records, dated 1883-1980, located: various. RG - Doubtful presence in Doncaster. RM - Moorland and hill species, the larva feed on Bog Myrtle.	5.0

Fungi

Contributors:

(Including those on the holding table for species of this taxon)

DBAP Doncaster Biodiversity Action Partnership
CY Chris Yeates

Habitat Codes:

ASH Ancient and Species Rich Hedgerows
AFM Arable Field Margins
CCT Craggs, Caves and Tunnels
GW Greenways
LG Limestone Grassland
LW Limestone Woodland
HAG Lowland Heathland / Acid Grassland Mosaic
LHW Lowland Heathy Oak Woodland
LRM Lowland Raised Mire
MLD Marshes and Swamps, Lakes and Ponds, Ditches and Drains
SFM Minor Streams, Springs, Fens, Flushes, Mires and Fenny Fields
NWG Neutral and Wet Grassland
PWV Parkland, Wood Pasture and Veteran Trees
PIB Post Industrial and Brownfield Land
RB Reedbeds
RCF Rivers, Canals, Oxbows, Major Streams and Subsidence Flushes
UG Urban Greenspace
WW Wet Woodland

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Fungi															
(Stalked) Tooth fungus	Phellodon confluens	1	0	0	1	0	0	1	0	1	0.5	2.5	LHW PWV	Habitat - Pine woods. Recorder - 1 Record, dated 1984-1991, located: Thorpe Marsh. DBAP - Address through habitat action plans with specific actions where requirements are known. CY Significant species.	3.5

Fish

Contributors:

(Including those on the holding table for species of this taxon)

DBAP	Doncaster Biodiversity Action Partnership
CH	Colin Howes
CHa	Colin Hannah

Habitat Codes:

ASH	Ancient and Species Rich Hedgerows
AFM	Arable Field Margins
CCT	Crags, Caves and Tunnels
GW	Greenways
LG	Limestone Grassland
LW	Limestone Woodland
HAG	Lowland Heathland / Acid Grassland Mosaic
LHW	Lowland Heathy Oak Woodland
LRM	Lowland Raised Mire
MLD	Marshes and Swamps, Lakes and Ponds, Ditches and Drains
SFM	Minor Streams, Springs, Fens, Flushes, Mires and Fenny Fields
NWG	Neutral and Wet Grassland
PWV	Parkland, Wood Pasture and Veteran Trees
PIB	Post Industrial and Brownfield Land
RB	Reedbeds
RCF	Rivers, Canals, Oxbows, Major Streams and Subsidence Flashes
UG	Urban Greenspace
WW	Wet Woodland

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score	
Fish																
Eel	Anguilla anguilla	1	0	0	1	0	0	1	0	1	1.0	3.0	MLD SFM RB RCF	Recorder - 22 Records, dated 1930-2002, located: various. CH - The wetlands, meres and river systems of the Humberhead Levels were once legendary for their eels, but are now dangerously scarce. Eels are migratory, travelling with the gulf stream from their spawning grounds in the Sargasso Sea, but there is now an international scarcity of eels. CHa - Suggested for inclusion.	4.0	
Sea lamprey	Petromyzon marinus	0	0	1	1	1	1	1	0	0	1.0	2.0	RCF	Recorder - 1 Record, dated 2000, located: New Junction Canal. DBAP - Species Action Plan priority, check requirements. CHa - Not aware of any sightings in the Don and tributaries.	4.0	
Atlantic salmon	Salmo salar	0	0	1	1	0	0	1	0	1	1.0	3.0	RCF	Recorder - 6 Records, dated 1912-2001, located: various. CH - At times of high water, salmon are now able to pass along the Don through the Doncaster district and on to Sheffield. The series of 'rapids' at Crimpsall has allowed fish of all groups to move between tidal to middle reaches without obstacle for the first time since the 19th century. CHa - Suggested for inclusion.	4.0	
Brown trout	Salmo trutta fario	1	0	0	1	0	0	1	0	1	0.5	2.5	SFM RCF	Recorder - 4 Records, dated 1930-1980, located: various. DBAP - Species Action Plan priority. CH - In the past, populations of native brown trout occurred in the limestone streams flowing from areas like Conisbrough Parks. CHa - May be small numbers in the lower Don and Dearne.	3.5	

Crustaceans and Molluscs

- Molluscs

Contributors:

(Including those on the holding table for species of this taxon)

DBAP	Doncaster Biodiversity Action Partnership
CH	Colin Howes
PS	Pip Seccombe

Habitat Codes:

ASH	Ancient and Species Rich Hedgerows
AFM	Arable Field Margins
CCT	Crags, Caves and Tunnels
GW	Greenways
LG	Limestone Grassland
LW	Limestone Woodland
HAG	Lowland Heathland / Acid Grassland Mosaic
LHW	Lowland Heathy Oak Woodland
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MLD	Marshes and Swamps, Lakes and Ponds, Ditches and Drains
SFM	Minor Streams, Springs, Fens, Flushes, Mires and Fenny Fields
NWG	Neutral and Wet Grassland
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PIB	Post Industrial and Brownfield Land
RB	Reedbeds
RCF	Rivers, Canals, Oxbows, Major Streams and Subsidence Flushes
UG	Urban Greenspace
WW	Wet Woodland

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Crustaceans and Molluscs - Molluscs															
Mud snail / Pond snail	Lymnaea glabra	0	1	0	1	0	0	1	0	1	0.5	2.5	MLD SFM	Recorder - 7 Records, dated 1907-1986, located: various. PS - References to Lymnaea glabra found in the Thorne and Hatfield Moors Conservation Forum minutes. It is an RDB species which is declining and has a foothold in the Fishlake area.	3.5
Shining ram's-horn snail	Segmentina nitida	1	1	0	2	0	0	1	1	1	0.5	3.5	MLD	Recorder - 2 Records, dated 1979-1981, located: Black Pond and Denaby Ings.	5.5

Vascular Plants

Contributors:

(Including those on the holding table for species of this taxon)

DBAP	Doncaster Biodiversity Action Partnership
DNS	Doncaster Naturalists' Society
CH	Colin Howes
GW	Geoffrey Wilmore
LH	Louise Hill
PS	Pip Seccombe
RG	Robert Goodison
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Habitat Codes:

ASH	Ancient and Species Rich Hedgerows
AFM	Arable Field Margins
CCT	Crags, Caves and Tunnels
GW	Greenways
LG	Limestone Grassland
LW	Limestone Woodland
HAG	Lowland Heathland / Acid Grassland Mosaic
LHW	Lowland Heathy Oak Woodland
LRM	Lowland Raised Mire
MLD	Marshes and Swamps, Lakes and Ponds, Ditches and Drains
SFM	Minor Streams, Springs, Fens, Flushes, Mires and Fenny Fields
NWG	Neutral and Wet Grassland
PWV	Parkland, Wood Pasture and Veteran Trees
PIB	Post Industrial and Brownfield Land
RB	Reedbeds
RCF	Rivers, Canals, Oxbows, Major Streams and Subsidence Flushes
UG	Urban Greenspace
WW	Wet Woodland

* = Considered Introductions, Casuals or Alien Species to this part of the country (but check occurrence with other habitat indicator species)

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Vascular Plants															
Man orchid	Aceras anthropophorum	1	1	0	2	0	0	1	0	1	0.0	2.0	LG	Recorder - 3 Records, dated 1831-1976, located: Brodsworth and Hampole Wood. DBAP - Investigation required to re-find species. GW - SYPA Historical record exists, species may now be extinct.	4.0
Monk's-hood	Aconitum napellus agg.	1	0	0	1	0	0	1	0	1	1.0	3.0	LG LW PWV	Recorder - 11 Records, dated 1977-2003, located: various. GW - Not considered to be locally rare/unusual in Doncaster District.*	4.0
Corncockle	Agrostemma githago	0	0	0	0	0	0	1	0	1	0.0	2.0	AFM	Recorder - 2 Records, dated 1816, located: Conisbrough Mill Piece and Hatfield Moor. RM - Identified for inclusion on rare/scarce status	2.0
Early hair-grass	Aira praecox	1	0	0	1	0	0	1	0	0	1.0	2.0	HAG PIB	Recorder - 95 Records, dated 1975-2006, located: various. DBAP - Include within a Group Action Plan for vascular plant species of bare acidic sandy soils. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held). LH - Classic heathland species - if found in context with other heathland indicators re-address score.	3.0
Lady's-mantle / Intermediate Lady's-mantle	Alchemilla xanthochlora	1	0	0	1	0	0	1	0	0	0.5	1.5	LG	Recorder - 4 Records, dated 1992, located: Wadworth Wood. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	2.5
Field garlic	Allium oleraceum	1	1	0	2	0	0	1	0	1	1.0	3.0	GW LG NWG	Recorder - 22 Records, dated 1880-2005, located: various. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held). LH - DNS classic indicator species for SSI criteria.	5.0
Sand leek	Allium scorodoprasum	1	0	0	1	1	1	1	0	1	1.0	3.0	HAG	Recorder - 1 Records, dated 1996, located: Hatfield Manor. DBAP - Lower Priority Species. GW - Potential SAP Candidate - 1 SYPA record from Hatfield Manor (1996).	5.0
Orange foxtail	Alopecurus aequalis	1	0	0	1	0	0	1	0	1	0.5	2.5	NWG	Recorder - 8 Records, dated 1968-1991, located: various. DBAP - Lower Priority Species. GW - SYPA Historical record exists, species may now be extinct. LH - Probably under-recorded, difficult to identify.	3.5
Marsh-mallow	Althaea officinalis	1	0	0	1	0	0	1	0	1	1.0	3.0	GW NWG	Recorder - 1 Record, dated 1998, located: Doncaster Racecourse. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	4.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Small alison	<i>Alyssum alyssoides</i>	1	0	1	2	0	0	1	0	1	0.0	2.0	AFM	Recorder - 1 Record, dated 1845, located: Cantley Area. RM - Identified for inclusion on rare/scarce status.	4.0
Chaffweed	<i>Anagallis minima</i>	1	1	0	2	0	0	1	0	0	0.5	1.5	HAG	Recorder - 2 Records, dated 1976-1980, located: Bessacarr Area and Potteric Carr. GW - SYPA has no known notified records for Doncaster District.	3.5
Bog-rosemary	<i>Andromeda polifolia</i>	1	0	1	2	0	0	1	0	1	1.0	3.0	LRM	Recorder - 75 Records, dated 1796-2004, located: various. DBAP - Include within a Group Action Plan for vascular plant species of lowland mires, heathlands and acid grasslands, link to bog habitat plans. GW - Potential SAP Candidate. Confirmed importance in Doncaster District (Thorne Moors). PS - Species evident on Hatfield Moor.	5.0
Corn chamomile	<i>Anthemis arvensis</i>	1	1	0	2	0	0	1	0	0	1.0	2.0	AFM	Recorder - 12 Records, dated 1975-1998, located: various. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	4.0
Stinking chamomile	<i>Anthemis cotula</i>	1	1	0	2	0	0	1	0	0	1.0	2.0	AFM GW PIB	Recorder - 69 Records, dated 1971-1997, located: various. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	4.0
Loose silky-bent	<i>Apera spica-venti</i>	1	1	0	2	0	0	1	0	1	1.0	3.0	AFM HAG PIB	Recorder - 60 Records, dated 1805-1998, located: various. GW - Not considered to be locally rare/unusual in Doncaster District.*	5.0
Tower mustard	<i>Arabis glabra</i>	1	1	0	2	0	0	1	1	1	0.5	3.5	HAG NWG PIB	Recorder - 4 Records, dated 1845-1986, located: various. DBAP - Maintain favourable habitat conditions, link to appropriate HAPs where possible. GW - SYPA Historical record exists, species may now be extinct.	5.5
Lamb's succory	<i>Arnoseris minima</i>	1	1	0	2	0	0	1	0	0	0.0	1.0	AFM	Recorder - 1 Record, dated unknown, located: Finningley. GW - SYPA Historical record exists, species may now be extinct.	3.0
Squinancywort	<i>Asperula cynanchica</i>	0	1	0	1	0	0	1	0	1	1.0	3.0	LG	Recorder - 5 Records, dated 1850-2004, located: various. PS - In decline (Hills and Holes only site).	4.0
Purple milk-vetch	<i>Astragalus danicus</i>	1	1	0	2	0	0	1	0	1	1.0	3.0	LG	Recorder - 9 Records, dated 1800-2004, located: various. GW - Potential SAP Candidate -3 SYPA post-1986 records.	5.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Lesser water-plantain	Baldellia ranunculoides	1	1	0	2	0	0	1	0	1	1.0	3.0	MLD SFM	Recorder - 35 Records, dated 1797-2002, located: various. DBAP - Include within a Group Action Plan for vascular plant species of open water bodies, including linear drains. GW - Potential SAP Candidate, confirmed importance in Doncaster District (Present at Potteric Carr).	5.0
Wild berberis / Barberry	Berberis vulgaris	1	0	0	1	0	0	1	0	1	1.0	3.0	ASH LW	Recorder - 23 Records, dated 1800-2006, located: various. DBAP - Species Action Plan priority, may require action plan as a host plant. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held). LH - Hedgerow quality indicator, also woodland edge.	4.0
Nodding bur-marigold	Bidens cernua	1	0	0	1	0	0	1	0	1	1.0	3.0	MLD RCF	Recorder - 18 Records, dated 1796-2004, located: various. DBAP - Include within a Group Action Plan for vascular plant species of open water bodies, including linear drains. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	4.0
Flat-sedge	Blysmus compressus	1	1	0	2	0	0	1	0	1	1.0	3.0	MLD PIB RCF	Habitat - Possible on dune-like brownfield sites. Recorder - 4 Records, dated 1968-2004, located: various. GW - SYPA Historical record exists, species may now be extinct.	5.0
Lesser hairy-brome	Bromopsis benekenii	1	0	0	1	0	0	1	0	1	1.0	3.0	ASH LW	Recorder - 2 Records, dated 2002-2004, located: Edlington Wood and Potteric Carr. GW - Potential SAP Candidate - 1 SYPA record at Potteric Carr (2002).	4.0
Meadow brome	Bromus commutatus	1	0	0	1	0	0	1	0	1	1.0	3.0	NWG	Recorder - 9 Records, dated 1940-2006, located: various. DBAP - Lower Priority Species. GW - Potential SAP Candidate - 3 SYPA post-1986 records.	4.0
Hare's ear / Thorow wax	Bupleurum rotundifolium	1	1	0	2	0	0	1	0	1	1.0	3.0	AFM	Recorder - 9 Records, dated 1850-2005, located: various. GW - SYPA has no known notified records for Doncaster District.	5.0
Box	Buxus sempervirens	0	1	0	1	0	0	1	0	1	1.0	3.0	LW	Recorder - 32 Records, dated 1971-2004, located: various. RM - Identified for inclusion on rare/scarce status.*	4.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Purple small-reed	<i>Calamagrostis canescens</i>	1	0	0	1	0	0	1	0	1	1.0	3.0	MLD SFM WW	Recorder - 131 Records, dated 1887-2006, located: various. DBAP - Include within a Group Action Plan for vascular plant species of lowland mires, heathlands and acid grasslands, link to appropriate HAP. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held). LH - Species of Local Conservation Value / Interest.	4.0
Narrow small-reed	<i>Calamagrostis stricta</i>	1	1	1	3	1	1	1	0	1	0.0	2.0	LRM MLD	Recorder - 3 Records, dated 1887-1970, located: Hatfield (Lindholme) and Thorne Moor. DBAP - Investigate and confirm records, a Botanical survey is suggested. GW - SYPA Historical record exists, species may now be extinct.	6.0
Autumn water-starwort / Autumnal water-starwort / Annual water-starwort	<i>Callitriche hermaphrodita</i>	1	0	0	1	0	0	1	0	1	0.0	2.0	MLD RCF	Recorder - 3 Records, dated 1865-1976, located: Askern and Thorne Moor. DBAP - Lower Priority Species. GW - SYPA has no known notified records for Doncaster District.	3.0
Blunt-flowered water-starwort / Blunt-fruited water-starwort / Blue-fruited water-starwort	<i>Callitriche obtusangula</i>	1	0	0	1	0	0	1	0	1	1.0	3.0	MLD SFM	Recorder - 9 Records, dated 1940-2004, located: various. DBAP - Lower Priority Species. GW - Potential SAP Candidate - 2 SYPA post-1986 records.	4.0
Vernal water-starwort / Water-starwort	<i>Callitriche palustris</i>	1	1	0	2	0	0	1	0	1	1.0	3.0	MLD	Habitat - Recent discovery in Scotland – Only known from Montane habitats i.e. highlands. Recorder - 12 Records, dated 1969-2000, located: various. GW - SYPA has no known notified records for Doncaster District.	5.0
Various-leaved water-starwort	<i>Callitriche platycarpa</i>	1	0	0	1	0	0	1	0	1	1.0	3.0	MLD SFM	Recorder - 32 Records, dated 1970-2005, located: various. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	4.0
Short-leaved water-starwort	<i>Callitriche truncata</i>	1	0	0	1	0	0	1	0	1	1.0	3.0	MLD SFM	Recorder - 8 Records, dated 1975-2004, located: various. GW - SYPA Historical record exists, species may now be extinct.	4.0
Spreading bellflower	<i>Campanula patula</i>	1	1	0	2	0	0	1	0	0	0.0	1.0	ASH LW LHW	Recorder - 2 Records, dated 1844-1850, located: Adwick-le-street and Campsmount. GW - Not considered to be locally rare/unusual in Doncaster District.*	3.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Narrow-leaved bitter-cress	Cardamine impatiens	1	1	0	2	0	0	1	0	1	0.5	2.5	LW	Recorder - 2 Records, dated 1981, located: Scabba Wood. DBAP - Investigate and confirm record. GW - SYPA Historical record exists, species may now be extinct.	4.5
Sand sedge	Carex arenaria	1	0	0	1	0	0	1	0	1	1.0	3.0	HAG PIB	Recorder - 11 Records, dated 1878-2005, located: various. DBAP - Species Action plan priority, include within a Group Action Plan for vascular plant species of bare acidic sandy soils. GW - Potential SAP Candidate - 3 SYPA records, considered regionally rare and scarce.	4.0
Lesser tussock-sedge	Carex diandra	1	1	0	2	0	0	1	0	1	0.0	2.0	MLD NWG	Recorder - 1 Record, dated 1850, located: Adwick-le-street. GW - SYPA has no known notified records for Doncaster District.	4.0
Fingered sedge	Carex digitata	1	0	0	1	1	1	1	0	1	0.0	2.0	LRM SFM	Recorder - 8 Records, dated 1778-1974, located: various. DBAP - No further action. GW - SYPA Historical record exists, species may now be extinct.	4.0
Grey sedge	Carex divulsa	1	0	0	1	0	0	1	0	1	0.0	2.0	ASH GW LW LHW	Recorder - 6 Records, dated 1940-1976, located: various. DBAP - Lower Priority Species. GW - SYPA Historical record exists, species may now be extinct.	3.0
Tufted sedge	Carex elata	1	0	0	1	0	0	1	0	1	1.0	3.0	MLD SFM WW	Recorder - 23 Records, dated 1870-2005, located: various. DBAP - Lower Priority Species. GW - Potential SAP Candidate - 4 SYPA records.	4.0
Elongated sedge	Carex elongata	1	0	0	1	0	0	1	0	1	0.0	2.0	MLD SFM NWG WW	Recorder - 2 Records, dated 1940-1947, located: Fishlake and Thorne Jubilee Bridge Area. GW - SYPA has no known notified records for Doncaster District.	3.0
Yellow sedge / Large yellow sedge	Carex flava agg.	1	1	0	2	1	1	1	0	1	0.5	2.5	SFM WW	Recorder - 6 Records, dated 1920-1983, located: various. GW - SYPA has no known notified records for Doncaster District, needs to be broken down into its three other component sub-species.	5.5
True fox-sedge	Carex vulpina	1	1	0	2	0	0	1	1	1	1.0	4.0	MLD NWG	Recorder - 20 Records, dated 1898-2004, located: various. DBAP - Species Action Plan priority, link to relevant HAP. Recorded populations may not be retraceable. Previous unsuccessful reintroduction from seedlings. GW - SYPA Historical record exists, species may now be extinct.	6.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Caraway	Carum carvi	1	1	0	2	0	0	1	0	1	0.0	2.0	AFM PIB	Recorder - 7 Records, dated 1976-1978, located: various. GW - SYPA has no known notified records for Doncaster District	4.0
Carrot burr parsley / Small bur-parsley	Caucalis platycarpus	1	1	0	2	0	0	1	0	1	0.5	2.5	AFM PIB	Recorder - 1 Record, dated 1987, located: Cantley. GW - SYPA has no known notified records for Doncaster District.	4.5
Cornflower	Centaurea cyanus	1	0	0	1	0	0	1	1	1	1.0	4.0	AFM PIB	Recorder - 15 Records, dated 1878-2005, located: various. DBAP - No further action, Lower Priority Species. Arable weed plan and link to cereal field margins. GW - Not considered to be locally rare/unusual in Doncaster District.*	5.0
Rough chervil	Chaerophyllum temulum	1	0	0	1	0	0	1	0	0	1.0	2.0	ASH GW LG NWG	Recorder - 44 Records, dated 1940-2005, located: various. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	3.0
Chamomile	Chamaemelum nobile / Chaerophyllum nobile	1	1	0	2	0	0	1	0	1	0.5	2.5	GW HAG	Recorder - 16 Records, dated 1966-1982, located: various. GW - SYPA Historical record exists, species may now be extinct.	4.5
Good king henry	Chenopodium bonus- henricus	1	1	0	2	0	0	1	0	0	1.0	2.0	AFM GW NWG PIB	Recorder - 32 Records, dated 1968-2004, located: various. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	4.0
Oakleaf goosefoot / Oak-leaved goosefoot	Chenopodium glaucum	1	1	0	2	0	0	1	0	1	0.0	2.0	PIB	Recorder - 4 Records, dated 1975-1976, located: Doncaster (vague) and Hatfield Moor. GW - SYPA has no known notified records for Doncaster District.	4.0
Nettleleaf goosefoot / Nettle-leaved goosefoot	Chenopodium murale	1	1	0	2	0	0	1	0	1	1.0	3.0	PIB	Recorder - 2 Records, dated 1982-1996, located: Campsmount Park and Doncaster Airfield. GW - SYPA Historical record exists, species may now be extinct.	5.0
Corn marigold	Chrysanthemum segetum	1	1	0	2	0	0	1	0	1	0.5	2.5	AFM PIB	Recorder - 18 Records, dated 1888-1990, located: various. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	4.5
Dwarf thistle	Cirsium acaule	1	0	0	1	0	0	1	0	1	1.0	3.0	LG	Recorder - 22 Records, dated 1801-1999, located: various. DBAP - Lower Priority Species. GW - Potential SAP Candidate - 1 SYPA record (1997).	4.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Meadow thistle	Cirsium dissectum	1	0	0	1	0	0	1	0	1	1.0	3.0	LRM SFM NWG	Recorder - 28 Records, dated 1798-2004, located: various. DBAP - Lower Priority Species. GW - SYPA Historical record exists, species may now be extinct.	4.0
Woolly thistle	Cirsium eriophorum	1	0	0	1	0	0	1	0	1	1.0	3.0	LG	Recorder - 7 Records, dated 1880-2004, located: various. DBAP - Lower Priority Species. GW - SYPA Historical record exists, species may now be extinct.	4.0
Great fen-sedge	Cladium mariscus	1	1	0	2	0	0	1	0	1	1.0	3.0	MLD SFM RB	Recorder - 34 Records, dated 1798-2002, located: various. DBAP - Species Action Plan priority, include within a Group Action Plan for vascular plant species of open water bodies, including linear drains. GW - Potential SAP Candidate, confirmed local importance (Present at Shirley Pool), probably considered regionally rare and scarce.	5.0
Basil thyme	Clinopodium acinos	1	1	0	2	0	0	1	0	1	0.0	2.0	LG	Recorder - 7 Records, dated 1779-1978, located: various. GW - SYPA Historical record exists, species may now be extinct.	4.0
Common calamint	Clinopodium ascendens	1	0	0	1	0	0	1	0	1	0.0	2.0	LG	Recorder - 6 Records, dated 1796-1976, located: various. DBAP - Investigate records. GW - SYPA Historical record exists, species may now be extinct.	3.0
Autumn crocus / Meadow saffron / Naked ladies	Colchicum autumnale	1	1	0	2	0	0	1	0	0	1.0	2.0	NWG PWV UG	Recorder - 2 Records, dated 1864-2004, located: Hickleton Park and Hooton Pagnell Area. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held). LH - May have been introduced here.	4.0
Strapwort	Corrigiola litoralis	1	1	1	3	0	0	1	0	0	0.0	1.0	PIB	Habitat - Railway ballast. Recorder - 1 Record, dated 1977, located: Potteric Carr. GW - Not considered to be locally rare/unusual in Doncaster District.*	4.0
Water pygmyweed / Pigmyweed	Crassula aquatica	1	1	1	3	0	0	1	0	1	1.0	3.0		Recorder - 1 Record, dated 1996, located: Moor Lane Drain. GW - SYPA has no known notified records for Doncaster District	6.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Midland hawthorn	Crataegus laevigata	1	0	0	1	0	0	1	0	1	1.0	3.0	ASH LW LHW	Recorder - 27 Records, dated 1957-2005, located: various. DBAP - Species Action Plan priority. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held). LH - At northern limit of it's range, check context.	4.0
Greater dodder	Cuscuta europaea	1	0	0	1	0	0	1	0	1	0.0	2.0	MLD RCF	Recorder - 3 Records, dated 1920-1975, located: various. GW - SYPA Historical record exists, species may now be extinct.	3.0
Cyclamen	Cyclamen hederifolium	0	0	1	1	0	0	1	0	1	0.5	2.5	PWV	Recorder - 1 Record, dated 1992, located: Brodsworth Hall. RM - Identified for inclusion on rare/scarce status	3.5
Gypsyflower / Hound's-tongue	Cynoglossum officinale	1	1	0	2	0	0	1	0	0	0.5	1.5	LG	Recorder - 22 Records, dated 1798-1987, located: various. GW - SYPA Historical record exists, species may now be extinct.	3.5
Sweet galingale / Galingale	Cyperus longus	1	1	0	2	0	0	1	0	0	1.0	2.0	MLD SFM	Recorder - 3 Records, dated 2004-2006, located: Various. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held). LH - May have been introduced here.	4.0
Broad-leaved marsh-orchid / Western marsh-orchid	Dactylorhiza majalis	1	1	0	2	0	0	1	0	1	0.0	2.0	MLD SFM NWG	Recorder - 1 Record, dated 1972, located: Thorne Moor Colliery Area. GW - SYPA has no known notified records for Doncaster District.	4.0
Narrow-leaved marsh-orchid	Dactylorhiza traunsteineri	1	0	0	1	1	1	1	0	1	1.0	3.0	SFM NWG	Recorder - 2 Records, dated 1989-2000, located: Thorne Moor. DBAP - Species Action plan. GW - Potential SAP Candidate - 1 SYPA record at Thorne Moors (1989). Requires refinding and confirmation.	5.0
Spurge-laurel	Daphne laureola	1	0	0	1	0	0	1	0	1	1.0	3.0	ASH LW	Recorder - 56 Records, dated 1778-2005, located: various. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	4.0
Mezereon	Daphne mezereum	1	1	0	2	0	0	1	0	1	0.0	2.0	ASH LW	Recorder - 2 Records, dated 1962-1972, located: Edlington Wood. DBAP - Species Action Plan. GW - SYPA has no known notified records for Doncaster District.	4.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Tufted hairgrass / Alpine hair-grass	<i>Deschampsia caespitosa alpina</i>	1	1	0	2	0	0	1	0	1	1.0	3.0		Habitat - Montane only. Recorder - 1 Record, dated 2004, located: Barnby Dun Borrow Pits. GW - SYPA has no known notified records for Doncaster District. RG - True ssp.alpina is largely restricted to the Scottish highlands, around bases of montane cliffs, high tops and sites of late snow-lie, where it is often mistaken for <i>D. caespitosa</i> .	5.0
Bog hair-grass	<i>Deschampsia setacea</i>	1	0	0	1	0	0	1	0	1	0.5	2.5	HAG LRM	Recorder - 2 Records, dated 1920-1991, located: Thorne Moor and Thorpe Marsh. GW - SYPA Historical record exists, species may now be extinct.	3.5
Maiden pink	<i>Dianthus deltoides</i>	1	1	0	2	0	0	1	0	1	0.5	2.5	HAG	Recorder - 4 Records, dated 1844-1980, located: various. DBAP - Arable weed plan. GW - SYPA Historical record exists, species may now be extinct.	4.5
Small teasel shepherd's rod / Small teasel	<i>Dipsacus pilosus</i>	1	0	0	1	0	0	1	0	1	1.0	3.0	ASH SFM WW	Recorder - 21 Records, dated 1800-2005, located: various. DBAP - Lower Priority Species. GW - Potential SAP Candidate. Confirmed importance in Doncaster Borough.	4.0
Crested wood fern / Crested buckler-fern	<i>Dryopteris cristata</i>	1	1	0	2	0	0	1	0	1	0.0	2.0	LRM SFM RB	Recorder - 3 Records, dated 1856-1975, located: Thorne Moor. DBAP - Investgate records. GW - SYPA Historical record exists, species may now be extinct.	4.0
Rigid buckler-fern	<i>Dryopteris submontana</i>	1	0	0	1	1	1	1	0	1	0.5	2.5	CCT	Recorder - 1 Record, dated 1981, located: Sprotbrough Area. GW - SYPA has no known notified records for Doncaster District.	4.5
Purple bugloss / Purple viper's bugloss	<i>Echium plantagineum</i>	0	0	0	0	0	0	1	0	1	1.0	3.0	HAG PIB	Habitat - Coastal sand. Recorder - 1 Record, dated 1997, located: Balby Little Moor. RM - Identified for inclusion on rare/scarce status	3.0
Needle spike-rush	<i>Eleocharis acicularis</i>	1	0	0	1	0	0	1	0	1	1.0	3.0	LRM MLD	Recorder - 21 Records, dated 1940-2005, located: various. DBAP - Lower Priority Species. GW - Potential SAP Candidate - 9 SYPA records, Doncaster has the only population in S Yorks.	4.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Floating club-rush	Eleogiton fluitans	1	0	0	1	0	0	1	0	1	1.0	3.0	HAG LRM MLD	Recorder - 28 Records, dated 1779-2004, located: various. DBAP - Species Action Plan priority, include within a Group Action Plan for vascular plant species of open water bodies, including linear drains. GW - Potential SAP Candidate - 10 SYPA records, Doncaster has the only population in S Yorks, considered regionally rare and scarce.	4.0
Marsh helleborine	Epipactis palustris	1	0	1	2	0	0	1	0	1	0.5	2.5	SFM	Recorder - 4 Records, dated 1832-1981, located: various. DBAP - Lower Priority Species, if present – requires action plan. GW - SYPA has no known notified records for Doncaster Distric.	4.5
Green-flowered helleborine	Epipactis phyllanthes	1	0	1	2	0	0	1	0	1	1.0	3.0	LW LHW	Recorder - 7 Records, dated 1974-2004, located: Cusworth Hall. DBAP - Particularly rare, Species Action Plan priority, known population requires monitoring. GW - Potential SAP Candidate, confirmed importance in Doncaster District (Cusworth Park), probably considered regionally rare and scarce.	5.0
Rough horsetail	Equisetum hyemale	1	0	0	1	0	0	1	0	1	0.0	2.0	SFM RCF WW	Recorder - 1 Record, dated 1884, located: Adwick-le-street. DBAP - Lower Priority Species. GW - SYPA Historical record exists, species may now be extinct.	3.0
Great horsetail	Equisetum telmateia	0	1	0	1	0	0	1	0	1	1.0	3.0	LG SFM WW	Recorder - 12 Records, dated 1977-2005, located: various. LH - Base rich flushes uncommon, but when occurs can do so in abundance.	4.0
Variiegated horsetail	Equisetum variegatum	1	0	0	1	0	0	1	0	1	0.5	2.5	SFM RCF	Recorder - 6 Records, dated 1980, located: Went Valley and Sykehouse Nettle Ing Lane. GW - Potential SAP Candidate - 2 SYPA records from Sykehouse and Went Valley (1980). Needs refinding and confirmation.	3.5
Spindle / Spindle tree	Euonymus europaeus	1	0	0	1	0	0	1	0	0	1.0	2.0	ASH LW	Recorder - 198 Records, dated 1940-2006, located: various. DBAP - Link into woodland and hedgerow action plan for limestone areas. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	3.0

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Dwarf spurge	<i>Euphorbia exigua</i>	1	1	0	2	0	0	1	0	0	0.5	1.5	AFM	Habitat - Usually found on lime but recently found on clay farmlands. Recorder - 8 Records, dated 1902-1986, located: various. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	3.5
Broad-leaved spurge	<i>Euphorbia platyphyllos</i>	0	1	1	2	0	0	1	0	1	0.0	2.0	AFM	Recorder - 1 Record, dated 1940-1947, located: Stainforth Ashfields Area. RM - Identified for inclusion on rare/scarce status.	4.0
Eyebright	<i>Euphrasia anglica</i>	1	1	0	2	0	0	1	1	1	1.0	4.0	HAG	Recorder - 1 Record, dated 2001, located: Cadeby Rattles. DBAP - Needs investigating by a specialist. GW - SYPA has no known notified records for Doncaster District.	6.0
Eyebright	<i>Euphrasia cambrica</i>	1	1	0	2	0	0	1	1	1	1.0	4.0	LG	Recorder - 3 Records, dated 2004, located: various. DBAP - Needs investigating by a specialist. GW - SYPA has no known notified records for Doncaster District.	6.0
Eyebright	<i>Euphrasia confusa</i>	1	1	0	2	0	0	1	1	1	0.5	3.5	HAG	Recorder - 1 Record, dated 1699-1980, located: Hatfield Moor. DBAP - Needs investigating by a specialist. GW - SYPA has no known notified records for Doncaster District.	5.5
Copse-bindweed	<i>Fallopia dumetorum</i>	1	1	0	2	0	0	1	0	1	0.0	2.0	ASH	Recorder - 1 Record, dated 1699-1976, located: Bessacarr Area. GW - SYPA has no known notified records for Doncaster District.	4.0
Red-tipped cudweed	<i>Filago lutescens</i>	1	1	1	3	0	0	1	1	1	0.0	3.0	HAG	Recorder - 4 Records, dated 1844-1888, located: Rossington Bridge. DBAP - No further action, may be dealt with by sandy heath plan. GW - SYPA Historical record exists, species may now be extinct.	6.0
Common cudweed	<i>Filago vulgaris</i>	1	1	0	2	0	0	1	0	0	1.0	2.0	HAG	Recorder - 61 Records, dated 1902-2005, located: various. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	4.0
Fritillary	<i>Fritillaria meleagris</i>	1	1	0	2	0	0	1	0	1	1.0	3.0	NWG	Recorder - 10 Records, dated 1940-2004, located: various. DBAP - Site management plan. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	5.0

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Tall ramping-fumitory	Fumaria bastardii	1	0	0	1	0	0	1	0	1	0.0	2.0	AFM	Recorder - 2 Records, dated 1699-1977, located: Campsall Country Park. DBAP - Lower Priority Species. GW - SYPA has no known notified records for Doncaster District.	3.0
Yellow star-of-bethlehem	Gagea lutea	1	0	0	1	1	1	1	0	1	0.5	2.5	SFM WW	Recorder - 13 Records, dated 1743-1980, located: various. DBAP - Lower Priority Species. GW - Potential SAP Candidate - 2 SYPA records.	4.5
Red hemp-nettle	Galeopsis angustifolia	1	1	0	2	0	0	1	1	1	1.0	4.0	AFM	Recorder - 14 Records, dated 1970-1997, located: various. DBAP - Arable weed plan. GW - Potential SAP Candidate - 3 SYPA records from Austerfield, Potteric carr & Askern.	6.0
Downy hemp-nettle	Galeopsis segetum	1	1	0	2	0	0	1	0	0	0.0	1.0	AFM	Recorder - 6 Records, dated 1803-1978, located: various. GW - SYPA Historical record exists, species may now be extinct. LH - May have been introduced here.	3.0
Large-flowered hemp-nettle	Galeopsis speciosa	1	1	0	2	0	0	1	0	0	1.0	2.0	AFM LHW	Recorder - 63 Records, dated 1864-2005, located: various. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	4.0
Corn cleavers	Galium tricorutum	1	1	0	2	0	0	1	1	1	0.0	3.0	AFM	Recorder - 1 Record, dated 1860, located: Conisbrough Castle. DBAP - No further action. GW - SYPA Historical record exists, species may now be extinct.*	5.0
Petty whin	Genista anglica	1	1	0	2	0	0	1	0	1	1.0	3.0	HAG	Recorder - 29 Records, dated 1798-2000, located: various. DBAP - Species Action Plan priority, include within a Group Action Plan for vascular plant species of lowland acidic heathland and grassland, and site action plans. GW - Potential SAP Candidate, confirmed local importance (Doncaster Racecourse), considered regionally rare and scarce.	5.0
Marsh gentian	Gentiana pneumonanthe	1	0	0	1	1	1	1	0	1	0.0	2.0	HAG	Recorder - 7 Records, dated 1770-1978, located: various. GW - SYPA Historical record exists, species may now be extinct.	4.0

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Heath cudweed	Gnaphalium sylvaticum	1	1	0	2	0	0	1	0	1	1.0	3.0	HAG	Recorder - 21 Records, dated 1797-2005, located: various. DBAP - Species Action Plan priority, include within a Group Action Plan for vascular plant species of bare acidic sandy soils. GW - Potential SAP Candidate - 8 SYPA records, Doncaster has the only population in S Yorks, considered regionally rare and scarce.	5.0
Opposite-leaved pondweed	Groenlandia densa	1	1	0	2	0	0	1	0	1	0.5	2.5	MLD	Recorder - 15 Records, dated 1796-1986, located: various. GW - Potential SAP Candidate - 2 SYPA records.	4.5
Stinking hellebore	Helleborus foetidus	1	0	0	1	0	0	1	0	1	1.0	3.0	ASH LW	Recorder - 27 Records, dated 1798-2005, located: various. DBAP - May require a species action plan. GW - SYPA Historical record exists, species may now be extinct. PS - Large population in Don Gorge.	4.0
Horseshoe vetch	Hippocrepis comosa	1	0	0	1	0	0	1	0	1	0.5	2.5	LG	Recorder - 8 Records, dated 1804-1987, located: various. DBAP - Lower Priority Species. GW - SYPA Historical record exists, species may now be extinct.	3.5
Wood barley	Hordelymus europaeus	1	0	1	2	1	1	1	0	1	0.0	2.0	ASH LW	Recorder - 26 Records, dated 1848-1999, located: various. DBAP - A local rarity, only a few records in Borough; Woodland action plan. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	5.0
Sea barley	Hordeum marinum	1	1	0	2	0	0	1	0	1	1.0	3.0	NWG	Habitat - Usually on coastal grassland. Recorder - 1 Record, dated 2004, located: Went Valley. GW - SYPA has no known notified records for Doncaster District.	5.0
Meadow barley	Hordeum secalinum	1	0	0	1	0	0	1	0	1	1.0	3.0	NWG	Recorder - 25 Records, dated 1957-2006, located: various. DBAP - Needs investigating as found just north of the river Went. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	4.0
Water-violet	Hottonia palustris	1	0	1	2	0	0	1	0	1	1.0	3.0	MLD	Recorder - 66 Records, dated 1790-2005, located: various. DBAP - Include within a Group Action Plan for vascular plant species of open water bodies, including linear drains, site management plans. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	5.0

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Hydrilla / Esthwaite waterweed	Hydrilla verticillata	1	1	0	2	0	0	1	0	1	1.0	3.0	MLD	Recorder - 2 Records, dated 2004, located: Boating Dike Small Drain and Clay Bank Drain. GW - SYPA has no known notified records for Doncaster District. LH - These records may be ancient or mis identified.	5.0
Frogbit	Hydrocharis morsus-ranae	1	1	0	2	0	0	1	0	1	0.5	2.5	PIB	Recorder - 42 Records, dated 1779-1989, located: various. GW - Potential SAP Candidate - 2 SYPA records.	4.5
Henbane	Hyoscyamus niger	1	1	0	2	0	0	1	0	0	1.0	2.0	AFM	Recorder - 9 Records, dated 1850-1997, located: various. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	4.0
Pale st. john's-wort	Hypericum montanum	1	1	0	2	0	0	1	0	1	1.0	3.0	ASH LG LW	Recorder - 14 Records, dated 1800-2001, located: various. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	5.0
Smooth cat's-ear	Hypochaeris glabra	1	1	0	2	0	0	1	0	1	1.0	3.0	AFM HAG PIB	Recorder - 3 Records, dated 1976-1997, located: various. GW - SYPA has no known notified records for Doncaster District.	5.0
Coral necklace	Illecebrum verticillatum	1	1	0	2	0	0	1	0	1	0.5	2.5	HAG PIB	Recorder - 3 Records, dated 1987-1990, located: Brodsworth Colliery. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	4.5
Round-fruited rush	Juncus compressus	1	1	0	2	0	0	1	0	1	1.0	3.0	MLD SFM NWG	Recorder - 10 Records, dated 1940-2004, located: various. GW - Potential SAP Candidate - 4 SYPA post-1986 records.	5.0
Grass vetchling	Lathyrus nissolia	1	0	0	1	0	0	1	0	1	0.0	2.0	ASH LG NWG	Recorder - 2 Records, dated 1897-1930, located: Sandall Brickfields. DBAP - Lower Priority Species. GW - SYPA Historical record exists, species may now be extinct.	3.0
Marsh pea	Lathyrus palustris	1	1	1	3	0	0	1	0	1	1.0	3.0	SFM NWG RB	Recorder - 15 Records, dated 1845-1997, located: various. DBAP - Site management plan Inkle Moor. GW - SYPA Historical record exists, species may now be extinct. PS - Records from 1980's need re-finding (Inkle Moor).	6.0
Perennial flax	Linum perenne	1	0	0	1	1	1	1	0	1	0.5	2.5	LG	Recorder - 1 Record, dated 1993, located: Braithwaite Area. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held). CH - May be a misident.	4.5

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Field gromwell	Lithospermum arvense	1	1	0	2	0	0	1	0	1	0.0	2.0	ASH AFM LG LW	Recorder - 9 Records, dated 1940-1977, located: various. GW - SYPA has no known notified records for Doncaster District.	4.0
Darnel ryegrass / Darnel	Lolium temulentum	1	1	0	2	0	0	1	0	1	0.5	2.5	AFM PIB	Recorder - 2 Records, dated 1968-1992, located: Burgy Banks Area and Doncaster Airfield. GW - SYPA has no known notified records for Doncaster District.	4.5
Fly honeysuckle	Lonicera xylosteum	0	0	0	0	0	0	1	0	1	0.0	2.0	LW	Recorder - 2 Records, dated 1925-1934, located: Huckster Well Plantation Area and Loversall Area. RM - Identified for inclusion on rare/scarce status	2.0
Tufted loosestrife	Lysimachia thyrsoflora	1	0	0	1	0	0	1	0	0	0.0	1.0	MLD RCF	Recorder - 2 Records, dated 1886-1969, located: Barnby Dun Area and Thorne Moor. GW - SYPA Historical record exists, species may now be extinct.	2.0
Water purslane	Lythrum portula	1	0	0	1	0	0	1	0	1	1.0	3.0	HAG MLD	Recorder - 25 Records, dated 1975-2005, located: various. DBAP - Include within the Group Action Plan for vascular plant species of bare acidic sandy soils and vascular plant species of open water bodies, including linear drains. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	4.0
White horehound	Marrubium vulgare	1	0	0	1	0	0	1	0	0	1.0	2.0	LG PIB	Recorder - 3 Records, dated 1940-1997, located: various. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	3.0
Welsh poppy	Meconopsis cambrica	1	0	0	1	0	0	1	0	0	1.0	2.0	PIB	Recorder - 2 Records, dated 1992-2005, located: Brodsworth Hall and Fingley Airport. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	3.0
Toothed medick	Medicago polymorpha	1	0	0	1	0	0	1	0	1	0.0	2.0	HAG PIB	Habitat - Usually coastal. Recorder - 5 Records, dated 1957-1978, located: various. GW - SYPA has no known notified records for Doncaster District	3.0
Round-leaved mint	Mentha suaveolens	1	1	0	2	0	0	1	0	1	0.5	2.5	GW MLD NWG	Recorder - 4 Records, dated 1850-1987, located: various. GW - SYPA has no known notified records for Doncaster District.	4.5

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Fine-leaved sandwort	Minuartia hybrida	1	1	0	2	0	0	1	0	1	0.5	2.5	AFM HAG PIB	Recorder - 2 Records, dated 1937-1993, located: Kirk Smeaton and Thorpe in Balne Area. GW - Potential SAP Candidate - 1 SYPA record from Shaftholme (1993).	4.5
Spring sandwort	Minuartia verna	1	1	0	2	0	0	1	0	1	0.5	2.5	LG PIB	Recorder - 1 Record, dated 1992, located: Levitt Hagg Quarries and Craggs. GW - Potential SAP Candidate - 1 SYPA record from Levitt Hagg (1992).	4.5
Upright chickweed	Moenchia erecta	1	0	0	1	0	0	1	0	0	0.0	1.0	HAG PIB	Recorder - 1 Record, dated 1900, located: Doncaster Racecourse. DBAP - Lower Priority Species. GW - SYPA has no known notified records for Doncaster District.	2.0
Yellow bird's-nest	Monotropa hypopitys	1	1	1	3	0	0	1	0	1	0.0	2.0	LHW	Recorder - 3 Records, dated 1902-1976, located: Bessacarr and Campsmount. GW - SYPA Historical record exists, species may now be extinct.	5.0
Grape-hyacinth	Muscari neglectum	1	1	0	2	0	0	1	0	0	1.0	2.0	ASH LG HAG	Recorder - 23 Records, dated 1980-1998, located: various. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held). LH - May have been introduced here.	4.0
Early forget-me-not	Myosotis ramosissima	1	0	0	1	0	0	1	0	1	1.0	3.0	LG HAG	Recorder - 13 Records, dated 1845-2005, located: various. DBAP - Species Action Plan priority, include within a Group Action Plan for vascular plant species of bare acidic sandy soils. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	4.0
Whorled water-milfoil	Myriophyllum verticillatum	1	1	0	2	0	0	1	0	1	1.0	3.0	MLD RCF	Recorder - 24 Records, dated 1797-2004, located: various. DBAP - Species Action Plan priority, include within a Group Action Plan for vascular plant species of open water bodies, including linear drains. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	5.0
Bird's-nest orchid	Neottia nidus-avis	1	1	1	3	0	0	1	0	0	0.5	1.5	LW LHW	Recorder - 13 Records, dated 1850-1982, located: various. GW - SYPA Historical record exists, species may now be extinct.	4.5
Cat-mint	Nepeta cataria	1	1	0	2	0	0	1	0	1	0.0	2.0	ASH LG	Recorder - 12 Records, dated 1797-1979, located: various. GW - SYPA has no known notified records for Doncaster District.	4.0

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Fringed water lily	Nymphoides peltata	1	0	0	1	0	0	1	0	1	1.0	3.0	MLD	Recorder - 3 Records, dated 2004-2005, located: various. DBAP - Situation confused by planting. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	4.0
Tubular water-dropwort	Oenanthe fistulosa	1	1	0	2	0	0	1	0	1	1.0	3.0	MLD RCF	Recorder - 42 Records, dated 1796-1998, located: various. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	5.0
Parsley water-dropwort	Oenanthe lachenalii	1	1	0	2	0	0	1	0	1	0.5	2.5	MLD	Habitat - Brackish water. Recorder - 22 Records, dated 1850-1993, located: various. DBAP - Species Action Plan priority, include within a Group Action Plan for vascular plant species of open water bodies, including linear drains. GW - Potential SAP Candidate - 5 SYPA records (all pre-1989), Doncaster has only populations in S Yorks, considered regionally rare and scarce.	4.5
Corky-fruited water-dropwort	Oenanthe pimpinelloides	0	1	0	1	0	0	1	0	0	0.0	1.0	MLD NWG	Recorder - 5 Records, dated 1796-1974, located: various. DBAP - Lower Priority Species.	2.0
Sainfoin	Onobrychis viciifolia	1	1	0	2	0	0	1	0	1	0.5	2.5	ASH LG	Recorder - 3 Records, dated 1977-1991, located: various. GW - SYPA Historical record exists, species may now be extinct. *	4.5
Spiny restharrow	Ononis spinosa	1	0	0	1	0	0	1	0	1	0.0	2.0	ASH LG	Recorder - 1 Record, dated 1880, located: Warmsworth Area. DBAP - Lower Priority Species. GW - SYPA Historical record exists, species may now be extinct.	3.0
Fly orchid	Ophrys insectifera	1	1	0	2	0	0	1	0	1	0.0	2.0	LG LW SFM	Recorder - 9 Records, dated 1850-1976, located: various. GW - SYPA has no known notified records for Doncaster District.	4.0
Green-winged orchid	Orchis morio / Anacamptis morio	1	1	0	2	0	0	1	0	1	0.5	2.5	NWG	Recorder - 12 Records, dated 1835-1992, located: various. DBAP - Species Action Plan priority, include within a Group Action Plan for vascular plant species of magnesian limestone grassland. GW - Potential SAP Candidate, considered regionally rare and scarce. RM - Identified for inclusion on rare/scarce status.	4.5

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Burnt-tip orchid / Burnt orchid	Orchis ustulata / Neotinea ustulata	1	1	0	2	1	1	1	0	1	0.0	2.0	LG	Recorder - 5 Records, dated 1800-1978, located: various. GW - SYPA has no known notified records for Doncaster District.	5.0
Bird's-foot	Ornithopus perpusillus	1	0	0	1	0	0	1	0	1	1.0	3.0	HAG	Recorder - 81 Records, dated 1796-2005, located: various. DBAP - Species Action Plan priority, include within a Group Action Plan for vascular plant species of bare acidic sandy soils. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	4.0
Prickly poppy	Papaver argemone	1	1	0	2	0	0	1	0	1	1.0	3.0	AFM	Recorder - 11 Records, dated 1796-1995, located: various. GW - SYPA Historical record exists, species may now be extinct.	5.0
Rough poppy	Papaver hybridum	1	0	0	1	0	0	1	0	1	0.5	2.5	AFM	Recorder - 4 Records, dated 1983-1986, located: various. DBAP - Lower Priority Species. GW - SYPA Historical record exists, species may now be extinct.	3.5
Tasteless water-pepper / Lax-flowered persicaria	Persicaria mitis / Persicaria laxiflora	1	1	0	2	1	1	1	0	0	0.0	1.0	MLD WW	Recorder - 1 Record, dated 1971, located: Edlington Wood. DBAP - No further action. GW - SYPA Historical record exists, species may now be extinct. RM - On recorder as Persicaria laxiflora - are now considered to be the same species, with Persicaria mitis as the correct name.	4.0
Childing pink / Proliferous pink	Petrorhagia nanteuilii	1	1	1	3	0	0	1	0	0	0.0	1.0		Recorder - 1 Record, dated 1940-1947, located: Thorne. GW - SYPA has no known notified records for Doncaster District.	4.0
Milk parsley / Mash hog's fennel	Peucedanum palustre	1	1	0	2	0	0	1	0	1	0.5	2.5	SFM RB	Recorder - 16 Records, dated 1797-1986, located: various. GW - SYPA Historical record exists, species may now be extinct.	4.5
Pillwort	Pilularia globulifera	1	1	1	3	1	1	1	1	1	0.0	3.0	MLD	Recorder - 0 Records. DBAP - Include within a Group Action Plan for vascular plant species of open water bodies, including linear drains. CH - Not on recorder but was told of a reliable sighting - pond in finningley Big Wood on edge of airfield. GW - Potential SAP Candidate. Confirmed importance in Doncaster Borough.	7.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Native scots pine / Scots pine	Pinus sylvestris var. scotica	1	0	0	1	0	0	1	0	0	0.5	1.5	HAG LRM	Recorder - 6 Records, dated 1978-1990, located: various. DBAP - In context of Hatfield Moors only, study is required. GW - SYPA has no known notified records for Doncaster District.	2.5
Lesser butterfly-orchid	Platanthera bifolia	1	1	0	2	0	0	1	0	1	0.5	2.5	LG	Recorder - 5 Records, dated 1798-1981, located: various. GW - SYPA has no known notified records for Doncaster District. DNS - Member reported butterfly orchid at Sprotbrough.	4.5
Greater butterfly-orchid	Platanthera chlorantha	1	1	0	2	0	0	1	0	1	0.0	2.0	LG	Recorder - 1 Record, dated 1864, located: Hampole Wood. GW - SYPA has no known notified records for Doncaster District. DNS - Member reported butterfly orchid at Sprotbrough.	4.0
Swamp meadow-grass	Poa palustris	1	0	0	1	0	0	1	0	0	0.5	1.5	MLD SFM NWG	Recorder - 1 Record, dated 1981, located: South Elmsall. GW - SYPA Historical record exists, species may now be extinct. *	2.5
Jacob's ladder	Polemonium caeruleum	0	0	0	0	1	1	1	0	1	1.0	3.0	CCT LG	Recorder - 9 Records, dated 1975-1996, located: various. RM - Identified for inclusion on rare/scarce status	4.0
Fen pondweed	Potamogeton coloratus	1	0	0	1	0	0	1	0	1	1.0	3.0	MLD SFM	Recorder - 8 Records, dated 1937-2002, located: various. DBAP - Species Action Plan priority, include within a Group Action Plan for vascular plant species of open water bodies, including linear drains. GW - Potential SAP Candidate, confirmed importance in Doncaster Borough (Present at Potteric Carr), considered regionally rare and scarce.	4.0
Flat-stalked pondweed	Potamogeton friesii	1	1	0	2	0	0	1	0	1	0.0	2.0	MLD SFM RCF	Recorder - 7 Records, dated 1900-1976, located: various. GW - SYPA has no known notified records for Doncaster District.	4.0
Long-stalked pondweed	Potamogeton praelongus	1	1	0	2	0	0	1	0	1	0.0	2.0	MLD SFM RCF	Recorder - 8 Records, dated 1940-1975, located: various. GW - SYPA Historical record exists, species may now be extinct.	4.0
Lesser pondweed	Potamogeton pusillus	1	0	0	1	0	0	1	0	1	1.0	3.0	MLD RCF	Recorder - 26 Records, dated 1940-2006, located: various. DBAP - Include within a Group Action Plan for vascular plant species of open water bodies, including linear drains. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	4.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Hairlike pondweed	Potamogeton trichoides	1	0	0	1	0	0	1	0	1	1.0	3.0	MLD RCF	Recorder - 10 Records, dated 1940-2004, located: various. DBAP - Lower Priority Species. GW - SYPA has no known notified records for Doncaster District. LH - Needs confirming by specialist botanist.	4.0
Hoary cinquefoil	Potentilla argentea	1	1	0	2	0	0	1	0	1	0.0	2.0	HAG PIB	Recorder - 6 Records, dated 1798-1937, located: various. GW - SYPA Historical record exists, species may now be extinct.	4.0
Shrubby cinquefoil	Potentilla fruticosa	1	1	0	2	0	0	1	0	1	0.0	2.0	CCT RCF	Recorder - 1 Record, dated 1831, located: Mexborough Area. GW - SYPA has no known notified records for Doncaster District.	4.0
Spring cinquefoil	Potentilla neumanniana	1	0	0	1	1	1	1	0	1	1.0	3.0	CCT LG	Recorder - 5 Records, dated 1849-2005, located: various. DBAP - Rare limestone species. No further action. GW - SYPA has no known notified records for Doncaster District.	5.0
Marsh cinquefoil	Potentilla palustris	0	0	0	0	0	0	1	0	1	1.0	3.0	LRM MLD SFM	Recorder - 60 Records, dated 1796-2006, located: various. PS - Suggest for inclusion, locally significant known to be on Inkle Moor and Thorne Moor.	3.0
Oxlip	Primula elatior	1	1	0	2	0	0	1	0	0	0.0	1.0	NWG WW	Recorder - 3 Records, dated 1843-1860, located: various. GW - SYPA has no known notified records for Doncaster District.	3.0
Bird's-eye primrose	Primula farinosa	1	1	0	2	1	1	1	0	1	0.0	2.0	LG SFM	Recorder - 1 Record, dated 1979, located: Cadeby. GW - SYPA has no known notified records for Doncaster District.	5.0
Pasqueflower	Pulsatilla vulgaris	1	1	0	2	1	1	1	0	0	0.0	1.0	LG	Recorder - 2 Records, dated 1860-1865, located: Kirk Smeaton and Smeaton Crag. GW - SYPA Historical record exists, species may now be extinct.	4.0
Corn buttercup	Ranunculus arvensis	1	1	0	2	0	0	1	0	1	1.0	3.0	AFM	Recorder - 38 Records, dated 1907-1997, located: various. PS - Found at new junction canal but needs investigating.*	5.0
Goldilocks buttercup	Ranunculus auricomus	0	1	0	1	0	0	1	0	1	1.0	3.0	ASH LW LHW	Recorder - 53 Records, dated 1927-2005, located: various. LH - Woodland flora and unusual.	4.0
Brackish water-crowfoot	Ranunculus baudotii	1	0	0	1	0	0	1	0	1	1.0	3.0	MLD	Recorder - 3 Records, dated 1954-1996, located: various. DBAP - Lower Priority Species.	4.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Small-flowered buttercup	Ranunculus parviflorus	1	0	0	1	0	0	1	0	1	0.0	2.0	AFM LG	Recorder - 1 Record, dated 1699-1970, located: Hatfield Moor. DBAP - Lower Priority Species. GW - SYPA Historical record exists, species may now be extinct.	3.0
Purging buckthorn / Buckthorn	Rhamnus cathartica	1	0	0	1	0	0	1	0	1	1.0	3.0	ASH LW	Recorder - 85 Records, dated 1968-2006, located: various. DBAP - Species Action Plan priority. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	4.0
Greater yellow-rattle	Rhinanthus angustifolius	1	0	1	2	1	1	1	0	1	1.0	3.0	AFM HAG NWG	Recorder - 16 Records, dated 1969-2004, located: various. DBAP - Species Action Plan priority, include within a Group Action Plan for vascular plant species of lowland mires, heathlands and acid grasslands. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held) but suggest keeping on list.	6.0
Mountain currant	Ribes alpinum	1	0	0	1	1	1	1	0	1	1.0	3.0	CCT LW	Recorder - 4 Records, dated 1902-2005, located: various. GW - SYPA has no known notified records for Doncaster District, reputedly introduced to S. Yorkshire*	5.0
Monk's-rhubarb	Rumex alpinus	1	1	0	2	0	0	1	0	0	0.0	1.0	GW RCF	Recorder - 1 Record, dated 1699-1976, located: Potteric Carr. GW - SYPA has no known notified records for Doncaster District.	3.0
Golden dock	Rumex maritimus	1	0	0	1	0	0	1	0	1	1.0	3.0	MLD	Recorder - 5 Records, dated 1952-1996, located: various. DBAP - Include within a Group Action Plan for vascular plant species of open water bodies, including linear drains. GW - Potential SAP Candidate - 5 SYPA records.	4.0
Marsh dock	Rumex palustris	1	0	0	1	0	0	1	0	1	1.0	3.0	MLD	Recorder - 5 Records, dated 1984-2004, located: various. DBAP - Species Action Plan priority, include within a Group Action Plan for vascular plant species of open water bodies, including linear drains. GW - Potential SAP Candidate - 4 SYPA records, considered regionally rare and scarce.	4.0
Danes elder / Dwarf elder / Danewort	Sambucus ebulus	0	1	0	1	0	0	1	0	1	1.0	3.0	GW PIB	Recorder - 21 Records, dated 1937-2006, located: various. PS - Verbal notification of record at Viaduct, notable for Doncaster.	4.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Brookweed	Samolus valerandi	1	0	0	1	0	0	1	0	1	1.0	3.0	MLD NWG	Recorder - 41 Records, dated 1796-2006, located: various. DBAP - Species Action Plan priority, include within a Group Action Plan for vascular plant species of open water bodies, including linear drains. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	4.0
Shepherd's needle	Scandix pecten-veneris	1	1	0	2	0	0	1	1	1	1.0	4.0	AFM	Recorder - 3 Records, dated 1907-1996, located: Clay Bridge Field and Thorne Moor. DBAP - No further action. GW - SYPA has no known notified records for Doncaster District, considers locally extinct.*	6.0
Rannoch-rush	Scheuchzeria palustris	1	0	0	1	0	0	1	0	1	0.0	2.0	LRM	Recorder - 3 Records, dated 1832-1975, located: Thorne Moor. RM - Identified for inclusion on rare/scarce status	3.0
Annual knawel / Knewel	Scleranthus annuus	1	1	0	2	0	0	1	0	1	1.0	3.0	HAG	Recorder - 27 Records, dated 1887-1998, located: various. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	5.0
Small-flowered catchfly	Silene gallica	1	1	0	2	0	0	1	1	1	0.0	3.0	HAG	Recorder - 2 Records, dated 1845-1937, located: Branton Area and Cantley Park. DBAP - No further action. GW - SYPA Historical record exists, species may now be extinct.*	5.0
Night-flowered catchfly / Night-flowering catchfly	Silene noctiflora	1	1	0	2	0	0	1	0	1	0.0	2.0	AFM	Recorder - 3 Records, dated 1860-1972, located: Edlington Wood and Stainton Area. GW - SYPA Historical record exists, species may now be extinct.	4.0
Stone parsley	Sison amomum	1	0	0	1	0	0	1	0	1	1.0	3.0	ASH GW NWG	Recorder - 19 Records, dated 1850-2006, located: various. DBAP - Species Action Plan priority, include within a Group Action Plan for vascular plant species of hedgerows and verges. GW - Potential SAP Candidate, confirmed local importance (Fishlake and Sykehouse, 2006), Doncaster has total of S Yorks population, considered regionally rare and scarce.	4.0
London rocket	Sisymbrium irio	0	0	0	0	0	0	1	0	1	0.0	2.0	PIB	Recorder - 4 Records, dated 1977-1978, located: Don Valley and Loversall Area. RM - Identified for inclusion on rare/scarce status. LH - Casual.	2.0
Greater water-parsnip	Sium latifolium	1	1	0	2	1	1	1	1	1	0.0	3.0	MLD RCF	Recorder - 7 Records, dated 1779-1977, located: various. DBAP - Records need investigating. GW - SYPA Historical record exists, species may now be extinct.	6.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Wild service tree	<i>Sorbus torminalis</i>	1	0	0	1	0	0	1	0	1	1.0	3.0	ASH LW	Recorder - 40 Records, dated 1790-2004, located: various. DBAP - Species of Local Conservation Value / Interest, Species Action Plan priority. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	4.0
Corn spurrey	<i>Spergula arvensis</i>	1	1	0	2	0	0	1	0	1	1.0	3.0	AFM	Recorder - 118 Records, dated 1907-2004, located: various. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	5.0
Autumn lady's-tresses	<i>Spiranthes spiralis</i>	1	1	0	2	0	0	1	0	1	1.0	3.0	LG	Recorder - 7 Records, dated 1850-2005, located: various. DBAP - Species Action Plan priority, include within a Group Action Plan for vascular plant species of magnesian limestone grassland. GW - Potential SAP Candidate, confirmed local importance (1 known site, with small population seen at Marr Hills and Holes, 2005), probably considered regionally rare and scarce.	5.0
Field woundwort	<i>Stachys arvensis</i>	1	1	0	2	0	0	1	0	0	1.0	2.0	AFM	Recorder - 13 Records, dated 1970-2004, located: various. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	4.0
Downy woundwort	<i>Stachys germanica</i>	1	1	1	3	0	0	1	0	1	0.5	2.5	ASH LG	Recorder - 3 Records, dated 1979-1981, located: Burghwallis (Squirrel) Wood. DBAP - Records need investigating. GW - SYPA Historical record exists, species may now be extinct.	5.5
Marsh stitchwort	<i>Stellaria palustris</i>	1	1	1	3	0	0	1	0	1	1.0	3.0	SFM NWG RB	Recorder - 12 Records, dated 1850-1998, located: various. GW - Potential SAP Candidate - 4 SYPA records.	6.0
Water-soldier	<i>Stratiotes aloides</i>	1	1	0	2	0	0	1	0	1	1.0	3.0	MLD	Recorder - 15 Records, dated 1800-2006, located: various. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	5.0
Shepherd's cress	<i>Teesdalia nudicaulis</i>	1	1	1	3	0	0	1	0	1	1.0	3.0	HAG	Recorder - 7 Records, dated 1987-2005, located: various. DBAP - Species Action Plan priority, include within a Group Action Plan for vascular plant species of bare acidic sandy soils. GW - Potential SAP Candidate, confirmed local importance (Present at Cantley Common, 2005), considered regionally rare and scarce.	6.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Water germander	Teucrium scordium	1	1	1	3	0	0	1	0	1	1.0	3.0		Habitat - Fens, dune slacks river banks on calcareous soil. Recorder - 6 Records, dated 2004-2005, located: various. GW - SYPA has no known notified records for Doncaster District.	6.0
Marsh fern	Thelypteris palustris	1	0	0	1	0	0	1	0	1	0.0	2.0	MLD RB	Recorder - 7 Records, dated 1831-1976, located: various. DBAP - Lower Priority Species, records need investigating. GW - SYPA Historical record exists, species may now be extinct.	3.0
Breckland thyme / Breckland garden	Thymus serpyllum	0	0	0	0	0	0	1	0	1	1.0	3.0	HAG	Recorder - 3 Records, dated 1981-2006, located: Brodsworth Area. RM - Identified for inclusion on rare/scarse status	3.0
Large-leaved lime	Tilia platyphyllos	1	0	0	1	0	0	1	0	1	1.0	3.0	ASH LW PWV	Recorder - 40 Records, dated 1971-2005, located: various. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	4.0
Spreading hedge- parsley	Torilis arvensis	1	1	0	2	0	0	1	1	1	0.0	3.0	AFM LG	Recorder - 4 Records, dated 1779-1977, located: Edlington Wood and Rossington Area. DBAP - No further action. GW - SYPA Historical record exists, species may now be extinct.*	5.0
Western clover	Trifolium occidentale	1	0	0	1	0	0	1	0	1	0.0	2.0		Recorder - 2 Records, dated 1975, located: Frickley Park Area. GW - SYPA Historical record exists, but possible misnomer for T. repens. Species may now be extinct.	3.0
Sulphur clover	Trifolium ochroleucon	1	1	0	2	0	0	1	0	1	0.0	2.0	NWG	Recorder - 1 Record, dated 1699-1779, located: Doncaster Common Area. GW - SYPA has no known notified records for Doncaster District	4.0
Knotted clover	Trifolium striatum	1	0	0	1	0	0	1	0	1	1.0	3.0	HAG	Habitat - Coastal. Recorder - 6 Records, dated 1800-2004, located: various. DBAP - Include within a Group Action Plan for vascular plant species of bare acidic sandy soils. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	4.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Dwarf gorse	Ulex minor	1	0	0	1	0	0	1	0	1	1.0	3.0	HAG	Recorder - 16 Records, dated 1973-2003, located: various. DBAP - Species Action Plan priority, include within a Group Action Plan for vascular plant species of lowland acidic heathland and grassland. GW - Potential SAP Candidate, confirmed local importance - 3 SYPA records, considered regionally rare and scarce.	4.0
Bladderwort	Utricularia australis	1	0	0	1	0	0	1	0	1	1.0	3.0	LRM MLD	Recorder - 5 Records, dated 1993-2004, located: Thorne Moor. DBAP - Species Action Plan priority, include within a Group Action Plan for vascular plant species of lowland mires, heathlands and acid grasslands. GW - Potential SAP Candidate. Confirmed local importance, need to check if still present at Thorne Moors, considered regionally rare and scarce.	4.0
Narrow-fruited cornsalad	Valerianella dentata	1	1	0	2	0	0	1	0	0	0.5	1.5	AFM LG	Recorder - 11 Records, dated 1870-1983, located: various. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	3.5
Broad-fruited cornsalad	Valerianella rimosa	1	1	0	2	0	0	1	1	0	0.5	2.5	AFM LG	Recorder - 9 Records, dated 1845-1983, located: various. DBAP - Possibly cannot be refound, very tenuous hold. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	4.5
Fingered speedwell	Veronica triphyllos	1	1	1	3	0	0	1	0	0	0.0	1.0	HAG	Recorder - 5 Records, dated 1849-1976, located: various. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	4.0
Spring vetch	Vicia lathyroides	0	1	0	1	0	0	1	0	1	1.0	3.0	HAG	Recorder - 19 Records, dated 1798-2005, located: various. PS - Suggested for inclusion. LH - Heathland sites indicator of good quality habitat.	4.0
Yellow vetch	Vicia lutea	1	1	0	2	0	0	1	0	0	0.5	1.5	PIB	Recorder - 3 Records, dated 1979-1981, located: Burghwallis (Squirrel) Wood. GW - Not considered to be locally rare/unusual in Doncaster District * (SYPA records held).	3.5
Heath dog-voilet	Viola canina	1	1	0	2	0	0	1	0	1	1.0	3.0	HAG LHW	Recorder - 23 Records, dated 1845-1997, located: various. GW - Potential SAP Candidate - 4 SYPA records.	5.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Pale dog-voilet	Viola lactea	1	1	0	2	0	0	1	0	1	0.0	2.0	HAG	Recorder - 2 Records, dated 1970, located: Thorne Moor. DBAP - Difficult to confirm. GW - SYPA Historical record exists, species may now be extinct.	4.0
Fen violet	Viola persicifolia	1	1	1	3	0	0	1	0	0	0.5	1.5	SFM NWG	Recorder - 9 Records, dated 1940-1981, located: various. GW - SYPA Historical record exists, species may now be extinct.	4.5
Wild pansy / Heartease / pansy	Viola tricolor / Viola tricolor tricolor	1	1	0	2	0	0	1	0	1	1.0	3.0	AFM HAG	Recorder - 93 Records, dated 1959-2005, located: various. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	5.0
Squirrel-tail fescue	Vulpia bromoides	1	0	0	1	0	0	1	0	1	1.0	3.0	HAG PIB	Recorder - 37 Records, dated 1907-2006, located: various. DBAP - Include within a Group Action Plan for vascular plant species of bare acidic sandy soils. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	4.0
Rat's-tail fescue	Vulpia myuros	1	0	0	1	0	0	1	0	1	1.0	3.0	HAG PIB	Recorder - 5 Records, dated 1981-2005, located: various. DBAP - Include within a Group Action Plan for vascular plant species of bare acidic sandy soils. GW - Not considered to be locally rare/unusual in Doncaster District (SYPA records held).	4.0

Mosses, Lichens and Stoneworts

- Mosses and Liverworts
- Lichens
- Stoneworts

Contributors:

(Including those on the holding table for species of this taxon)

DBAP	Doncaster Biodiversity Action Partnership
CW	Colin Wall
RG	Robert Goodison
TB	Tom Blockeel

Habitat Codes:

ASH	Ancient and Species Rich Hedgerows
AFM	Arable Field Margins
CCT	Crags, Caves and Tunnels
GW	Greenways
LG	Limestone Grassland
LW	Limestone Woodland
HAG	Lowland Heathland / Acid Grassland Mosaic
LHW	Lowland Heathy Oak Woodland
LRM	Lowland Raised Mire
MLD	Marshes and Swamps, Lakes and Ponds, Ditches and Drains
SFM	Minor Streams, Springs, Fens, Flushes, Mires and Fenny Fields
NWG	Neutral and Wet Grassland
PWV	Parkland, Wood Pasture and Veteran Trees
PIB	Post Industrial and Brownfield Land
RB	Reedbeds
RCF	Rivers, Canals, Oxbows, Major Streams and Subsidence Flashes
UG	Urban Greenspace
WW	Wet Woodland

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Mosses, Lichens and Stoneworts - Mosses and Liverworts															
Flamingo moss	Desmatodon cernuus / Tortula cernua	1	1	1	3	1	1	1	1	1	0.5	3.5	GW PIB	Habitat -On highly calcareous magnesian limestone soil in quarries and old lime kiln waste. Recorder - 3 Records, dated 1932-1987, located: Levitt Hagg and Sprotbrough. DBAP - Species Action Plan priority, link to HAP. CW - Recorded April 2006 on a bank of damp lime slurry just south of Levitt Hagg. TB - Considered locally rare/unnusual. RG - Potential SAP candidate due to Doncaster's Magnesian Limestone forming part of the core area for this species. Conservation requirements could be assisted through capital works and potential inclusion in associated HAPs.	7.5
Moss	Dicranum polysetum	0	0	0	0	0	0	1	0	1	0.0	2.0	HAG LHW LRM	Habitat - Conifer and birch woods on heath and raised bogs. Recorder - 0 Records. TB - Very scarce nationally, recently found on Hatfield Moor.	2.0
Moss	Dicranum spurium	0	1	0	1	0	0	1	0	1	0.0	2.0	HAG LHW	Habitat - On wet and dry heaths and on banks in sparse Pinus sylvestris woodland. Recorder - 1 Record, dated 1800-1850, located: Hatfield Moor. RG - Occurs in the east of Doncaster and is likely to be concentrated around Hatfield and Crowle. Species conservation can probably be addressed through the Lowland Heath and/or Lowland Raised Mire HAPs.	3.0
Weedy frillwort	Fossombronia incurva	0	0	0	0	0	0	1	0	1	1.0	3.0	HAG	Habitat - On gravel and acidic sandy habitats. Recorder - 1 Record, dated 2005, located: Austerfield Sand Pits. TB - A rare species in central and eastern England.	3.0

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Slender thread-moss	Orthodontium gracile	1	1	0	2	1	1	1	1	0	0.0	2.0	HAG	<p>Habitat - Sandstone and gritstone rocks, or on peaty or sandy soils at the base of trees and on rotting wood.</p> <p>Recorder - 1 Record, dated 1971, located: Edlington Wood.</p> <p>DBAP - Seek and validate new records, through field survey. CW - Now very rare in the UK, the Edlington record presumably refers to the Dalby, Bunting and Verhees Edlington Wood Book published in 1973. The Orthodontium at Edlington would be the very common <i>O. lineare</i>, which was once thought to be a variety of <i>O. gracile</i> (var. heterocarpum). TB - Suggests removal from Audit, the 1971 record from Edlington Wood almost certainly refers to the closely related <i>O. lineare</i>, an introduced species which is now common over most of Britain. RG - No records and commonly confused nationally with the more widespread <i>O. lineare</i>.</p>	5.0
Baltic bog-moss	Sphagnum balticum	1	1	1	3	0	0	1	1	1	0.5	3.5	LRM	<p>Habitat - Lowland Raised Mire.</p> <p>Recorder - 2 Records, dated 1932-1987, located: Thorne Moor Northern Canals Area.</p> <p>CW - Found on Thorne Moors in 1932 and 1980, it has not been seen since but is doubtless still there.</p> <p>TB - Considered locally rare/unusual, although continued presence is a matter of some doubt. RG - Likely to be extinct, recent surveys on and around Thorne, Crowle and Hatfield Moors have proved unsuccessful.</p>	6.5
Beaked beardless-moss	Weissia rostellata	1	0	0	1	0	0	1	1	1	0.5	3.5	HAG LHW MLD	<p>Habitat - On moist gravel and mud by reservoirs, ditches and drains, in hollows in grassland and on woodland rides.</p> <p>Recorder - 1 Record, dated 1986, located; Wadworth Wood.</p> <p>DBAP - Seek and validate new records, through field survey. CW - The species was recorded during a YNU meeting at Wadworth Wood, and is rare throughout the UK. RG - Rare species of waterbody margins, scattered records extending from Doncaster to Derbyshire. Conservation requirements may be catered for by relevant HAP.</p>	4.5

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Mosses, Lichens and Stoneworts - Lichens															
Elm's gyalecta	Gyalecta ulmi	1	1	1	3	0	0	1	1	0	0.0	2.0	CCT LW	Habitat - Grows on lime-rich rocks and on trees with a high bark pH, especially Elm. Recorder - 1 Record, dated 1937, located: Potteric Carr.	5.0
Mosses, Lichens and Stoneworts - Stoneworts															
Tassel stonewort	Tolypella intricata	1	1	0	2	0	0	1	1	0	0.0	2.0	MLD NWG RCF	Habitat - A winter annual preferring disturbed conditions in pools, canals and ditches which dry up in summer months. Also in areas of winter inundation in trampled pastures. Recorder - 1 Record, dated 1882, located: Goole Moors. DBAP - Seek and validate new records, through field survey.	4.0
Bird's nest stonewort	Tolypella nidifica	1	1	0	2	1	1	1	0	0	0.5	1.5	MLD	Habitat - Brackish ditches and lakes on sandy substrates. Recorder - 2 Records, dated 1870-1987, located: Thorne Moor.	4.5

Holding

Crustaceans and Molluscs
- Crustaceans
Fish
Fungi
Invertebrates
- Ants
- Bees
- Beetles
- Butterflies
- Moths
Mammals
Reptiles
Vascular Plants
Mosses, Lichens and Stoneworts
- Mosses and Liverworts

Contributors:

(Including those on the holding table for species of this taxon)

DBAP	Doncaster Biodiversity Action Partnership
DDOS	Doncaster & District Ornithological Society
DNS	Doncaster Naturalists' Society
CH	Colin Howes
CHa	Colin Hannah
CW	Colin Wall
CY	Chris Yeates
GW	Geoffrey Wilmore
LH	Louise Hill
MEA	Dr Michael Archer
MG	Rev. Martin Greenland
PS	Pip Seccombe
RB	Roy Bedford
RG	Robert Goodison
RM	Robert Marsh
TB	Tom Blockeel

Habitat Codes:

ASH	Ancient and Species Rich Hedgerows
AFM	Arable Field Margins
CCT	Crags, Caves and Tunnels
GW	Greenways
LG	Limestone Grassland
LW	Limestone Woodland
HAG	Lowland Heathland / Acid Grassland Mosaic
LHW	Lowland Heathy Oak Woodland
LRM	Lowland Raised Mire
MLD	Marshes and Swamps, Lakes and Ponds, Ditches and Drains
SFM	Minor Streams, Springs, Fens, Flushes, Mires and Fenny Fields
NWG	Neutral and Wet Grassland
PWV	Parkland, Wood Pasture and Veteran Trees
PIB	Post Industrial and Brownfield Land
RB	Reedbeds
RCF	Rivers, Canals, Oxbows, Major Streams and Subsidence Flushes
UG	Urban Greenspace
WW	Wet Woodland

Common Name	Scientific Name	1	2	3	National Criteria Total	4	Regional Criteria Total	Locally reliable record	Locally found BAP indicator	Species of Local Value/ Interest	Date Score	Local Criteria Total	Key BAP Habitats	Proposed Action Local Status/ Comments	Species score
Crustaceans and Molluscs - Crustaceans															
White-Clawed Crayfish	Austropotamobius pallipes	1	1	1	3	1	1	0	1	0	0.0	1.0	MLD SFM RCF	Recorder - 0 Records. DBAP - Species Action Plan priority if present; survey and look at reintroduction strategy. CH - No verified local records, though there is an alleged population in the upper reaches of the Skell Brook.	5.0
Fish															
Sturgeon	Acipenser sturio	1	1	1	3	0	0	0	0	0	0.0	0.0	RCF	Recorder - 0 Records. CH - The Don was a major river for spawning 19th century, with research suggesting that it has more records than any other English river system. The Baltic Sturgeon is effectively extinct in the Baltic/North Sea and so it would seem there is little opportunity for the species to return. CHa - Not considered worthy for inclusion.	3.0
Spiny Loach / Spined Loach	Cobitis taenia	1	0	1	2	0	0	0	0	0	0.0	0.0	MLD SFM	Recorder - 0 Records. DBAP - Species Action Plan priority. CH - Although occurring in the Humberhead Levels Natural Area, no known population within Doncaster. CHa - Don't know of any populaions in the Doncaster area.	2.0
Bullhead	Cottus gobio	1	0	1	2	1	1	0	0	0	0.0	0.0	SFM RCF	Recorder - 0 Records. DBAP - Species Action Plan priority. CH - Known records from just outside the Borough, it is highly likely that populations do or could exist within Doncaster, particularly in clean fast moving waters over a mineral bottom. CHa - Occur low down the river Went (may be washed down in floods), not in any number in lower Don and Dearne.	3.0
River Lamprey	Lampetra fluviatilis	1	0	1	2	0	0	0	0	0	0.0	0.0	RCF	Recorder - 0 Records. DBAP - Species Action Plan priority, check requirements. CH - Known records from South Yorkshire. Can work be done to bring back/conservse this species? CHa - Not aware of any sightings in the Don and tributaries.	2.0
Burbot	Lota lota	1	0	1	2	0	0	0	1	0	0.0	1.0	RCF	Recorder - 0 Records. DBAP - No further action. CH - Although occurring in the Humberhead Levels Natural Area, no known historic populations within Doncaster. CHa - Has been extinct in the UK for c.35 years, not considered worthy for inclusion.	3.0

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Fungi															
A (Stalked) Tooth Fungus	Hydnellum ferrugineum	1	0	0	1	0	0	0	0	0	0.0	0.0	LHW PWV	Habitat - Pine woods. Recorder - 0 Records. DBAP - Address through habitat action plans with specific actions where requirements are known. CY - Significant species.	1.0
A Pink Wax Cap / Pink Meadow Cap	Hygrocybe calyptriformis	1	0	0	1	0	0	0	1	0	0.0	1.0	LG HAG	Habitat - Mostly in upland areas. Recorder - 0 Records. DBAP - Address through habitat action plans with specific actions where requirements are known. CY - Significant species.	2.0
Date-Coloured Wax Cap	Hygrocybe spadicea	1	0	0	1	0	0	0	1	0	0.0	1.0	LG HAG	Habitat - Mostly in upland areas. Recorder - 0 Records. DBAP - Address through habitat action plans with specific actions where requirements are known. CY - Significant species.	2.0
(Olive) Earth Tongue	Microglossum olivaceum	1	0	0	1	0	0	0	1	0	0.0	1.0	LG LW LHW NWG PWV	Habitat - Grasslands, lawns and deciduous woods. May be associated with Yew trees. Recorder - 0 Records. CY - Significant species.	2.0
Nail Fungus	Poronia punctata	1	0	0	1	0	0	0	1	0	0.0	1.0	LG NWG	Habitat - Hay meadows-grazed areas only, lives on horse dung. Recorder - 0 Records. CY - Significant species.	2.0
Invertebrates - Ant															
Northern Wood Ant / Hairy Wood Ant	Formica lugubris	1	0	0	1	1	1	0	0	0	0.0	0.0	LHW	Habitat - Conifer woodlands. Make nests from pine needles. Recorder - 0 Records. DBAP - May need specific action plan. RG - Present in Yorkshire and Humber - historic records exist from the west of Doncaster and/or Rotherham but unclear status.	2.0
Invertebrates - Bee															
	Andrena ruficrus	1	1	0	2	1	1	0	0	0	0.0	0.0	HAG LHW PIB	Habitat - Sandy areas and disused quarries. Recorder - 0 Records. DBAP - Continue general field survey and alert Doncaster Museum of species observations, produce Group SAP?	3.0
Brown-Banded Carder Bee	Bombus humilis	1	0	0	1	0	0	0	1	0	0.0	1.0	LG HAG	Habitat - Nests on the ground. Mostly coastal, few inland sites. Extinct locally. Recorder - 0 Records. MEA - Extinct from the county. RG - No surviving sites in Yorkshire.	2.0

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Shrill Carder Bee	Bombus sylvarum	1	0	0	1	0	0	0	1	0	0.0	1.0	NWG	Habitat - Nests at or just below ground in open flower-rich habitats. Recorder - 0 Records. DBAP - No further action. MEA - Extinct from the county. RG - No surviving sites in Yorkshire.	2.0
Invertebrates - Beetle															
	Aleochara fumata	1	0	0	1	0	0	0	0	0	0.0	0.0	LW LHW WW	Habitat - This beetle has been found in woodland, but there is limited information. Recorder - 0 Records.	1.0
	Aleochara inconspicua	1	0	0	1	0	0	0	0	0	0.0	0.0	AFM NWG UG	Habitat - The larvae are parasitic in the puparia of the wheat bulb fly Delia coarctata. Recorder - 0 Records.	1.0
	Atheta basicornis	1	0	0	1	0	0	0	0	0	0.0	0.0	MLD RB RCF WW	Habitat - A wetland species, found in marshes, carr and wet woodland, particularly in areas where there are willows present. Recorder - 0 Records. RM - A Wetland species.	1.0
	Bolitochara pulchra	1	0	0	1	0	0	0	0	0	0.0	0.0	LW LHW WW	Habitat - Occurs in woodland, has been found in the fungus Piptoporus betulinus and in other fungi, under the bark of beech and in rotten wood. Recorder - 0 Records.	1.0
Rove Beetle	Ilyobates bennetti	1	0	0	1	0	0	0	0	0	0.0	0.0	AFM RCF	Habitat - Listed on buglife surveys of arable field margins and on candidate list for Exposed Riverine Sediments indicator species. Recorder - 0 Records. RM - Very rare.	1.0
Rove Beetle	Lomechusa emarginata	1	0	0	1	0	0	0	0	0	0.0	0.0	HAG LHW PIB	Habitat - Lives in the nests of ants of the subfamily Myrmicinae and also Formica fusca; often in sandy places. Recorder - 0 Records. RM - Myrmecophile, could crop up with ants almost anywhere.	1.0
	Oxypoda exoleta	1	0	0	1	0	0	0	0	0	0.0	0.0	HAG LHW PWV RCF	Habitat - Found on sandy and heathy areas. The beetle has also been found in broad-leaved woodland, parkland and from shoreline litter on river margins near saltmarsh. Recorder - 0 Records.	1.0

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Invertebrates - Butterfly															
Chequered Skipper	<i>Carterocephalus palaemon</i>	1	0	1	2	0	0	0	1	0	0.0	1.0	LG LW HAG LHW	Habitat - Now extinct. Last recorded in England in 1975, but still occurring locally in parts of western Scotland. The larva feeds on <i>Brachypodium sylvaticum</i> , though in Scotland they appear to utilise <i>Molinia caerulea</i> . Recorder - 0 Records. DBAP - No further action. RB - Not thought to be in Doncaster area. MG - Occurrence in Yorkshire doubtful. RG - Extinct in England, despite repeated re-introduction attempts.	3.0
Invertebrates - Moth															
Chalk Carpet	<i>Scotopteryx bipunctaria (cretata)</i>	1	0	0	1	1	1	0	0	0	0.0	0.0	CCT LG LW PIB	Habitat - Limestone and chalk grassland. Quarries and areas with bare rock. Recorder - 0 Records. RM - A Yorkshire Coastal species.	2.0
Mammals															
Dormouse	<i>Muscardinus avellanarius</i>	1	1	1	3	0	0	0	1	0	0.0	1.0	ASH LW LHW	Recorder - 0 Records. DBAP - Species Action Plan priority, produce reintroduction strategy. CH - Occurred in the Doncaster region up to the late 19th century, may be the potential to reintroduction into some of the larger magnesian limestone woodlands in connection with woodland coppice management schemes. Systematic surveys of potential woodlands needed to check if residual populations still survive. Extensive research and some published references exist.	4.0
Leisler's Bat	<i>Nyctalus leisleri</i>	1	0	1	2	1	1	0	0	0	0.0	0.0	ASH CCT GW LW LHW MLD PWV WW	Recorder - 0 Records. DBAP - Species Action Plan priority.	3.0
Reptiles															
Sand Lizard	<i>Lacerta agilis</i>	1	0	1	2	0	0	0	1	0	0.0	1.0	GW HAG PIB	Habitat - Not native here. Recorder - 0 Records. DBAP - There is no evidence of the introduced population from the 1950's.	3.0
Vascular Plants															
Creeping Marshwort	<i>Apium repens</i>	1	1	1	3	0	0	0	1	0	0.0	1.0	MLD	Recorder - 0 Records. GW - SYPA has no known notified records for Doncaster District	4.0
Rampion Bellflower	<i>Campanula rapunculoides</i>	1	1	0	2	0	0	0	0	0	0.0	0.0	LG LW LHW	Habitat - Garden escape? Recorder - 0 Records. GW - Not considered to be locally rare/unusual in Doncaster District.*	2.0

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Rare Spring-Sedge	Carex ericetorum	1	1	0	2	1	1	0	0	0	0.0	0.0	LG	Recorder - 0 Records. DBAP - Investigate the Don Gorge as the species is known to occur at Brockadale - just outside the Borough. GW - SYPA Historical record exists, species may now be extinct.	3.0
Deptford Pink	Dianthus armeria	1	1	1	3	0	0	0	1	0	0.0	0.0	HAG	Habitat - Introduced here? Recorder - 0 Records. DBAP - Arable weed plan. GW - SYPA has no known notified records for Doncaster District.	0.0
Young's Helleborine	Epipactis youngiana	1	0	1	2	0	0	0	1	0	0.0	1.0	LHW	Recorder - 0 Records. DBAP - If present requires an action plan. GW - SYPA has no known notified records for Doncaster District.	3.0
Narrow-Lipped Helleborine	Epipactis leptochila agg.	1	0	0	0	0	0	1	0	1	0.5	0.0	LW	Recorder - 1 Record, dated 1981-1990, located: Crowle Moor, outside Doncaster Borough DBAP - If present – requires action plan. GW - Potential SAP Candidate - 1 SYPA record from the edge of Crowle Moors (1991), but requires confirmation.	0.0
Purple Spurge	Euphorbia peplis	1	1	0	2	0	0	0	0	1	0.0	1.0	AFM PIB UG	Recorder - 0 Records. GW - SYPA Historical record exists, species may now be extinct.	3.0
Broad-Leaved Cudweed	Filago pyramidata	1	1	1	3	0	0	0	1	0	0.0	0.0	LG HAG	Recorder - 0 Records. DBAP - May be dealt with by sandy heath plan. GW - SYPA has no known notified records for Doncaster District.	3.0
Purple Ramping-Fumitory	Fumaria purpurea	1	0	0	1	0	0	0	1	0	0.0	1.0	ASH AFM PIB	Recorder - 0 Records. GW - SYPA has no known notified records for Doncaster District	2.0
Nit-Grass	Gastridium ventricosum	0	0	0	0	0	0	0	0	1	0.0	1.0	HAG PIB	Recorder - 1 Record, dated 1976, located: Kirk Smeaton, outside Doncaster Borough RM - Identified for inclusion on rare/scarce status	1.0
Yellow Vetchling	Lathyrus aphaca	1	1	0	2	0	0	0	0	1	0.0	1.0	ASH NWG	Recorder - 0 Records. GW - SYPA has no known notified records for Doncaster District.	0.0
Prostrate Toadflax	Linaria supina	0	0	0	0	0	0	1	0	1	0.0	2.0	AFM	Habitat - Coastal. Recorder - 1 Record, dated 1699-1976, located: Potteric Carr. RM - Identified for inclusion on rare/scarce status. CH - May be a misident.	2.0
Marsh Clubmoss	Lycopodiella inundata	1	1	1	0	0	0	0	1	0	0.0	0.0	HAG LRM	Recorder - 0 Records. GW - SYPA Historical record exists, species may now be extinct.	0.0

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Pennyroyal	Mentha pulegium	1	1	1	3	0	0	0	1	0	0.0	1.0	HAG	Recorder - 0 Records. GW - SYPA has no known notified records for Doncaster District.	4.0
Lesser Snapdragon / Weasel's-Snout	Misopates orontium	1	1	0	2	0	0	1	0	1	0.5	2.5	HAG PIB	Recorder - 1 Record, dated 1991, located: Hatchell Wood. GW - SYPA has no known notified records for Doncaster District. CH - May be a misident.	4.5
Grass-Wrack Pondweed	Potamogeton compressus	1	1	0	0	0	0	0	1	0	0.0	0.0	MLD SFM RCF	Recorder - 0 Records. GW - SYPA has no known notified records for Doncaster District.	0.0
Fen Ragwort	Senecio paludosus	1	1	1	3	0	0	0	0	1	0.0	1.0	SFM RB	Recorder - 0 Records. GW - SYPA Historical record exists, species may now be extinct.	4.0
Least Cinquefoil	Sibbaldia procumbens	1	1	0	2	0	0	0	0	1	0.0	1.0		Habitat - Scottish mountains only. Recorder - 0 Records. GW - SYPA Historical record exists, species may now be extinct.	3.0
Bird's-Foot Clover	Trifolium ornithopodioides	1	0	0	1	0	0	0	0	1	0.0	1.0	HAG	Habitat - Coastal. Recorder - 0 Records. DBAP - Lower Priority Species. GW - SYPA Historical record exists, species may now be extinct.*	2.0
Mosses, Lichens and Stoneworts - Mosses and Liverworts															
	Aloina brevirostris	0	0	0	0	1	1	0	0	1	0.0	1.0	PIB	Habitat - On highly calcareous magnesian limestone soil in quarries and old lime kiln waste. Recorder - 0 Records. RG - Potential SAP candidate if conservation requirements cannot be catered for under Limestone Grassland, Brownfield and/or Craggs and Caves HAPS.	2.0
Sausage Beard-Moss	Didymodon tomaculosus	1	0	0	1	0	0	0	0	1	0.0	1.0	AFM PWV	Habitat - Open sites on heavy clay soils. Recorder - 0 Records. RG - Prefers heavy damp soils in both arable settings and barer areas in riverside pasture and along paths. As a comparatively recently described species it may be under recorded and further survey work is needed to ascertain distribution and rarity locally. Potential SAP candidate if conservation requirements cannot be addressed through Arable and Grassland HAPS.	2.0

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Chalk Notchwort	Lophozia perssonii	0	0	0	0	1	1	0	0	1	0.0	1.0	LG PIB	Habitat - Calcareous habitats. Recorder - 0 Records. RG - A rare species of limestone soils, with historic NBN records for eastern Doncaster. Potential SAP candidate if its conservation requirements cannot be addressed through the Limestone Grassland or Brownfield HAPs.	2.0



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