

APPENDIX 7.3

DESK STUDY DATA

NORTH AND EAST YORKSHIRE ECOLOGICAL DATA CENTRE

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
Bufo bufo	Common Toad	amphibian	Steel Burrows, Snainton Dyke	SE906889	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Critchley, Charles (Mr)	1989	
Bufo bufo	Common Toad	amphibian	Steel Burrows, Snainton Dyke	SE907889	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Critchley, Charles (Mr)	1988	several Abundance Adult (Count)
Lissotriton helveticus	Palmate Newt	amphibian	Dalby Forest - Grain Beck Ponds	SE89209060	neyedc.org.uk	JMs amphibian & reptile records (1999 to 2005)	Mortimer, James (Mr)	04/05/2002	1 Abundance Adult Female (Count)
Lissotriton helveticus	Palmate Newt	amphibian	Steel Burrows, Snainton Dyke	SE906889	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Critchley, Charles (Mr)	1989	6 Abundance Adult (Count)
Lissotriton helveticus	Palmate Newt	amphibian	Steel Burrows, Snainton Dyke	SE907889	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Critchley, Charles (Mr)	1988	several Abundance Adult (Count)
Rana temporaria	Common Frog	amphibian	Dalby Forest - Grain Beck Ponds	SE89209060	neyedc.org.uk	JMs amphibian & reptile records (1999 to 2005)	Mortimer, James (Mr)	14/04/2002	
Rana temporaria	Common Frog	amphibian	Deepdale	SE912904	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Simpson, Gordon (Mr)	05/06/1996	5 Abundance immature (Count)
Rana temporaria	Common Frog	amphibian	Deepdale	SE912904	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Simpson, Gordon (Mr)	05/06/1996	1 Abundance Adult (Count)
Rana temporaria	Common Frog	amphibian	Hawdale Rigg	SE887878	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Critchley, Charles (Mr)	1989	5 Abundance Adult (Count)
Rana temporaria	Common Frog	amphibian	Steel Burrows, Snainton Dyke	SE906889	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Critchley, Charles (Mr)	1989	
Rana temporaria	Common Frog	amphibian	Steel Burrows, Snainton Dyke	SE907889	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Critchley, Charles (Mr)	1988	
Caprimulgus europaeus	European Nightjar	bird	Scarborough District	SE910907	neyedc.org.uk	Bird records from local ornithological groups	Unknown	30/06/1992	
Pinus sylvestris	Scots Pine	conifer	Netherby Dale (Chafer Wood)	SE900838	neyedc.org.uk	North Yorkshire SINC survey - 2004 and before	Weston, Andrew (Mr)	23/07/1999	L Abundance Individuals (DAFOR)
Pinus sylvestris	Scots Pine	conifer	North York Moors	SE8886	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Pinus sylvestris	Scots Pine	conifer	North York Moors	SE8888	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Pinus sylvestris	Scots Pine	conifer	North York Moors	SE8890	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Pinus sylvestris	Scots Pine	conifer	North York Moors	SE9086	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Pinus sylvestris	Scots Pine	conifer	North York Moors	SE9088	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Pinus sylvestris	Scots Pine	conifer	North York Moors	SE9090	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Austroptamobius pallipes	Freshwater Crayfish	crustacean	Yedingham	SE89407940	neyedc.org.uk	Otter, water vole and crayfish records	Unknown	1984	
Aconitum napellus	Monk's-hood	flowering plant	North York Moors	SE9086	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Actaea spicata	Baneberry	flowering plant	Netherby Dale (Chafer Wood)	SE900838	neyedc.org.uk	North Yorkshire SINC survey - 2004 and before	Weston, Andrew (Mr)	23/07/1999	LF Abundance Individuals (DAFOR)
Actaea spicata	Baneberry	flowering plant	North York Moors	SE9086	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
Carex paniculata	Greater Tussock-sedge	flowering plant	North York Moors	SE8890	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Cerastium fontanum	Common Mouse-ear	flowering plant	Chafer Wood [Moderately species-rich semi-improved grassland (G02) in southern area]	SE89798325	ywt.org.uk	YWT FEP Surveys	Hayward, Jenny (Ms)	02/06/2009 - 16/09/2009	Unknown Abundance Percentage Cover (DAFOR)
Cerastium fontanum	Common Mouse-ear	flowering plant	Chafer Wood [Poor quality semi-improved grassland near kissing gate (G02)]	SE89918376	ywt.org.uk	YWT FEP Surveys	Hayward, Jenny (Ms)	02/06/2009 - 16/09/2009	Unknown Abundance Percentage Cover (DAFOR)
Cerastium fontanum	Common Mouse-ear	flowering plant	Netherby Dale (Chafer Wood)	SE900838	neyedc.org.uk	North Yorkshire SINC survey - 2004 and before	Weston, Andrew (Mr)	23/07/1999	L Abundance Individuals (DAFOR)
Cerastium fontanum	Common Mouse-ear	flowering plant	North York Moors	SE8886	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Cerastium fontanum	Common Mouse-ear	flowering plant	North York Moors	SE8888	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Cerastium fontanum	Common Mouse-ear	flowering plant	North York Moors	SE8890	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Cerastium fontanum	Common Mouse-ear	flowering plant	North York Moors	SE9086	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Cerastium fontanum	Common Mouse-ear	flowering plant	North York Moors	SE9088	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Cerastium fontanum	Common Mouse-ear	flowering plant	North York Moors	SE9090	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Dactylorhiza incarnata	Early Marsh-orchid	flowering plant	North York Moors	SE9086	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Epipactis palustris	Marsh Helleborine	flowering plant	North York Moors	SE9086	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Gentianella amarella	Autumn Gentian	flowering plant	North York Moors	SE8888	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Hyacinthoides non-scripta	Bluebell	flowering plant	Chafer Wood	SE900836	neyedc.org.uk	JMs casual records (1999 to 2005)	Mortimer, James (Mr)	09/04/2002	
Hyacinthoides non-scripta	Bluebell	flowering plant	Chafer Wood	SE900836	neyedc.org.uk	JMs casual records (1999 to 2005)	Mortimer, James (Mr)	03/05/2003	1 Abundance None (Count)
Hyacinthoides non-scripta	Bluebell	flowering plant	Chafer Wood	SE90318434	neyedc.org.uk	JMs casual records (1999 to 2005)	Mortimer, James (Mr)	25/04/2004	
Hyacinthoides non-scripta	Bluebell	flowering plant	Chafer Wood [Poor quality semi-improved grassland near kissing gate (G02)]	SE89918376	ywt.org.uk	YWT FEP Surveys	Hayward, Jenny (Ms)	02/06/2009 - 16/09/2009	Unknown Abundance Percentage Cover (DAFOR)

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
Hyacinthoides non-scripta	Bluebell	flowering plant	Netherby Dale (Chafer Wood)	SE900838	neyedc.org.uk	North Yorkshire SINC survey - 2004 and before	Weston, Andrew (Mr)	23/07/1999	LF Abundance Individuals (DAFOR)
Hyacinthoides non-scripta	Bluebell	flowering plant	North York Moors	SE8886	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Hyacinthoides non-scripta	Bluebell	flowering plant	North York Moors	SE8890	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Hyacinthoides non-scripta	Bluebell	flowering plant	North York Moors	SE9086	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Hyacinthoides non-scripta	Bluebell	flowering plant	North York Moors	SE9088	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Hyacinthoides non-scripta	Bluebell	flowering plant	North York Moors	SE9090	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Meconopsis cambrica	Welsh Poppy	flowering plant	North York Moors	SE9088	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Molinia caerulea	Purple Moor-grass	flowering plant	North York Moors	SE8886	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Molinia caerulea	Purple Moor-grass	flowering plant	North York Moors	SE8888	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Molinia caerulea	Purple Moor-grass	flowering plant	North York Moors	SE8890	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Molinia caerulea	Purple Moor-grass	flowering plant	North York Moors	SE9086	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Molinia caerulea	Purple Moor-grass	flowering plant	North York Moors	SE9088	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Molinia caerulea	Purple Moor-grass	flowering plant	North York Moors	SE9090	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Parnassia palustris	Grass-of-Parnassus	flowering plant	North York Moors	SE9086	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Spergula arvensis	Corn Spurrey	flowering plant	North York Moors	SE8886	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Spergula arvensis	Corn Spurrey	flowering plant	North York Moors	SE8888	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Spergula arvensis	Corn Spurrey	flowering plant	North York Moors	SE9090	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Sarcosphaera coronaria	Violet Crowncup	fungus	Flainsey Rigg	SE8787	neyedc.org.uk	Forest Enterprise fungus records	Stephenson, Colin (Mr)	13/05/2000	
Argynnis aglaja	Dark Green Fritillary	insect - butterfly	Flax Dale Head	SE8787	neyedc.org.uk	North York Moors Forest District Butterfly Records	Robinson, Peter	31/07/2001	3 Abundance individual (Count)
Aricia artaxerxes	Northern Brown Argus	insect - butterfly	Deepdale	SE9190	neyedc.org.uk	North York Moors Forest District Butterfly Records	Hume, John	01/08/2001	1 Abundance individual (Count)
Boloria selene	Small Pearl-bordered Fritillary	insect - butterfly	Deepdale	SE912903	neyedc.org.uk	Miscellaneous Lepidoptera	Mackenzie	1993 - 1997	
Boloria selene	Small Pearl-bordered Fritillary	insect - butterfly	Deepdale	SE9190	neyedc.org.uk	North York Moors Forest District Butterfly Records	Wadsworth, Gwenda	17/06/2000	7 Abundance individual (Count)
Boloria selene	Small Pearl-bordered Fritillary	insect - butterfly	Deepdale	SE9190	neyedc.org.uk	North York Moors Forest District Butterfly Records	Hume, John	18/06/2000	25 Abundance individual (Count)

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
<i>Boloria selene</i>	Small Pearl-bordered Fritillary	insect - butterfly	Deepdale	SE9190	neyedc.org.uk	North York Moors Forest District Butterfly Records	Hardcastle, Derek	19/06/2000	25 Abundance individual (Count)
<i>Boloria selene</i>	Small Pearl-bordered Fritillary	insect - butterfly	Deepdale	SE9190	neyedc.org.uk	North York Moors Forest District Butterfly Records	Robinson, Peter	24/06/2001	12 Abundance individual (Count)
<i>Boloria selene</i>	Small Pearl-bordered Fritillary	insect - butterfly	Deepdale	SE9190	neyedc.org.uk	North York Moors Forest District Butterfly Records	Wadsworth, Gwenda	04/07/2001	17 Abundance individual (Count)
<i>Boloria selene</i>	Small Pearl-bordered Fritillary	insect - butterfly	Deepdale	SE9190	neyedc.org.uk	North York Moors Forest District Butterfly Records	Wadsworth, Gwenda	14/07/2001	5 Abundance individual (Count)
<i>Coenonympha pamphilus</i>	Small Heath	insect - butterfly	Deepdale	SE9190	neyedc.org.uk	North York Moors Forest District Butterfly Records	Wadsworth, Gwenda	04/07/2001	2 Abundance individual (Count)
<i>Erynnis tages</i>	Dingy Skipper	insect - butterfly	Deepdale	SE9190	neyedc.org.uk	North York Moors Forest District Butterfly Records	Hume, John	18/06/2000	1 Abundance individual (Count)
<i>Lasiommata megera</i>	Wall	insect - butterfly	Deepdale	SE9190	neyedc.org.uk	North York Moors Forest District Butterfly Records	Robinson, Peter	23/08/2000	1 Abundance individual (Count)
<i>Lycaena phlaeas</i>	Small Copper	insect - butterfly	Deepdale	SE9190	neyedc.org.uk	North York Moors Forest District Butterfly Records	Hardcastle, Derek	28/08/2001	3 Abundance individual (Count)
<i>Chrysotus gramineus</i>	<i>Chrysotus gramineus</i>	insect - true fly (Diptera)	Deepdale	SE9190	neyedc.org.uk	Diptera of Forestry Commission Sites	Crossley, Roy	1998	1 Abundance Default (Count)
<i>Chrysotus gramineus</i>	<i>Chrysotus gramineus</i>	insect - true fly (Diptera)	Rosekirkdale Fen, Wydale	SE9087	neyedc.org.uk	Diptera of Forestry Commission Sites	Crossley, Roy	1998	1 Abundance Default (Count)
<i>Chrysotus gramineus</i>	<i>Chrysotus gramineus</i>	insect - true fly (Diptera)	Troutsdale Fen SSSI	SE903879	neyedc.org.uk	Diptera of Forestry Commission Sites	Unknown	14/07/1996 - 20/07/1996	1 Abundance Default (Count)
<i>Chrysotus gramineus</i>	<i>Chrysotus gramineus</i>	insect - true fly (Diptera)	Troutsdale Fen SSSI	SE9087	neyedc.org.uk	Diptera of Forestry Commission Sites	Crossley, Roy	1998	1 Abundance Default (Count)
<i>Eristalis rupium</i>	<i>Eristalis rupium</i>	insect - true fly (Diptera)	Troutsdale Fen SSSI	SE902875	neyedc.org.uk	Diptera of Forestry Commission Sites	Unknown	14/07/1996 - 20/07/1996	1 Abundance Default (Count)
<i>Limonia distendens</i>	<i>Limonia distendens</i>	insect - true fly (Diptera)	Troutsdale Fen SSSI	SE9087	neyedc.org.uk	Diptera of Forestry Commission Sites	Crossley, Roy	1998	1 Abundance Default (Count)
<i>Limonia lucida</i>	<i>Limonia lucida</i>	insect - true fly (Diptera)	Rosekirkdale Fen, Wydale	SE9087	neyedc.org.uk	Diptera of Forestry Commission Sites	Crossley, Roy	1998	1 Abundance Default (Count)
<i>Molophilus corniger</i>	<i>Molophilus corniger</i>	insect - true fly (Diptera)	Deepdale	SE9190	neyedc.org.uk	Diptera of Forestry Commission Sites	Crossley, Roy	1998	1 Abundance Default (Count)
<i>Molophilus corniger</i>	<i>Molophilus corniger</i>	insect - true fly (Diptera)	Rosekirkdale Fen, Wydale	SE9087	neyedc.org.uk	Diptera of Forestry Commission Sites	Crossley, Roy	1998	1 Abundance Default (Count)
<i>Oxycera morrisii</i>	<i>Oxycera morrisii</i>	insect - true fly (Diptera)	Deepdale	SE9190	neyedc.org.uk	Diptera of Forestry Commission Sites	Crossley, Roy	1998	1 Abundance Default (Count)
<i>Oxycera morrisii</i>	<i>Oxycera morrisii</i>	insect - true fly (Diptera)	Rosekirkdale Fen, Wydale	SE9087	neyedc.org.uk	Diptera of Forestry Commission Sites	Crossley, Roy	1998	1 Abundance Default (Count)
<i>Oxycera pardalina</i>	<i>Oxycera pardalina</i>	insect - true fly (Diptera)	Deepdale	SE9190	neyedc.org.uk	Diptera of Forestry Commission Sites	Crossley, Roy	1998	1 Abundance Default (Count)
<i>Oxycera pygmaea</i>	<i>Oxycera pygmaea</i>	insect - true fly (Diptera)	Rosekirkdale Fen, Wydale	SE9087	neyedc.org.uk	Diptera of Forestry Commission Sites	Crossley, Roy	1998	1 Abundance Default (Count)
<i>Oxycera pygmaea</i>	<i>Oxycera pygmaea</i>	insect - true fly (Diptera)	Troutsdale Fen SSSI	SE902875	neyedc.org.uk	Diptera of Forestry Commission Sites	Unknown	14/07/1996 - 20/07/1996	1 Abundance Default (Count)

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Paradelphomyia fuscula	Paradelphomyia fuscula	insect - true fly (Diptera)	Chafer Wood	SE8983	ywt.org.uk	Records collected by Roy Crossley	Crossley, Roy (Mr)	May-09	
Platypalpus ruficornis	Platypalpus ruficornis	insect - true fly (Diptera)	Troutsdale Fen SSSI	SE903879	neyedc.org.uk	Diptera of Forestry Commission Sites	Unknown	14/07/1996 - 20/07/1996	1 Abundance Default (Count)
Rhaphium auctum	Rhaphium auctum	insect - true fly (Diptera)	Troutsdale Fen SSSI	SE903879	neyedc.org.uk	Diptera of Forestry Commission Sites	Unknown	14/07/1996 - 20/07/1996	1 Abundance Default (Count)
Stratiomys potamida	Stratiomys potamida	insect - true fly (Diptera)	Troutsdale Fen SSSI	SE902875	neyedc.org.uk	Diptera of Forestry Commission Sites	Unknown	14/07/1996 - 20/07/1996	1 Abundance Default (Count)
Anguis fragilis	Slow-worm	reptile	Dalby Forest	SE88	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Rhodes	12/09/1990	1 Abundance Adult (Count)
Anguis fragilis	Slow-worm	reptile	Deepdale	SE912904	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Simpson, Gordon (Mr)	04/06/1996	1 Abundance Adult (Count)
Anguis fragilis	Slow-worm	reptile	Sand Dale	SE882878	neyedc.org.uk	NYMNP Ranger Service Reptile Records	Auckland, Tony	08/06/2003	2 Abundance Individuals (Count)
Vipera berus	Adder	reptile	Dalby Forest	SE88	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Rhodes	30/04/1990	1 Abundance Adult (Count)
Vipera berus	Adder	reptile	Dalby Forest	SE88	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Rhodes	03/05/1990	1 Abundance Adult (Count)
Vipera berus	Adder	reptile	Dalby Forest	SE88	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Rhodes	03/05/1990	1 Abundance Adult (Count)
Vipera berus	Adder	reptile	Dalby Forest	SE88	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Rhodes	14/05/1990	1 Abundance Adult (Count)
Vipera berus	Adder	reptile	Dalby Forest	SE88	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Rhodes	15/05/1990	1 Abundance Adult (Count)
Vipera berus	Adder	reptile	Dalby Forest	SE88	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Rhodes	09/08/1990	1 Abundance Adult (Count)
Vipera berus	Adder	reptile	Dalby Forest	SE883885	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Simpson, Gordon (Mr)	04/06/1996	1 Abundance Female (Count)
Vipera berus	Adder	reptile	Dalby Forest	SE884880	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Critchley, Charles (Mr)	16/03/1990	6 Abundance Adult (Count)
Vipera berus	Adder	reptile	Dalby Forest	SE885872	neyedc.org.uk	NYMNP Ranger Service Reptile Records	Auckland, Tony	10/05/2001	2 Abundance Individuals (Count)
Vipera berus	Adder	reptile	Rosekirkdale Fen, Wydale	SE9087	neyedc.org.uk	Adder Records	Critchley, Charles (Mr)	17/04/1985	1 Abundance indiv (Count)
Vipera berus	Adder	reptile	Rosekirkdale Fen, Wydale	SE9087	neyedc.org.uk	Adder Records	Critchley, Charles (Mr)	19/04/1988	1 Abundance Female (Count)
Vipera berus	Adder	reptile	Sand Dale	SE8887	neyedc.org.uk	Adder Records	Critchley, Charles (Mr)	09/04/1988	2 Abundance indivs (Count)
Vipera berus	Adder	reptile	Wykeham Forest	SE8991	neyedc.org.uk	JMs amphibian & reptile records (1999 to 2005)	Mortimer, James (Mr)	15/05/2004	2 Abundance Adult Female (Count)
Zootoca vivipara	Common Lizard	reptile	Dalby Forest	SE88	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Rhodes	25/05/1990	1 Abundance Juvenile (Count)

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Zootoca vivipara	Common Lizard	reptile	Dalby Forest	SE88	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Rhodes	12/07/1990	1 Abundance Adult (Count)
Zootoca vivipara	Common Lizard	reptile	Dalby Forest	SE88	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Rhodes	20/07/1990	1 Abundance Adult (Count)
Zootoca vivipara	Common Lizard	reptile	Dalby Forest	SE88	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Rhodes	13/09/1990	4 Abundance Adult (Count)
Zootoca vivipara	Common Lizard	reptile	Dalby Forest	SE885879	neyedc.org.uk	Forest Enterprise amphibian & reptile records	Critchley, Charles (Mr)	16/03/1990	3 Abundance Adult (Count)
Arvicola amphibius	European Water Vole	terrestrial mammal	Upper Derwent	SE894794	neyedc.org.uk	North Yorkshire Water Vole records	Unknown	24/05/2000	present Abundance water vole (Count)
Arvicola amphibius	European Water Vole	terrestrial mammal	Upper Derwent, Yedingham	SE894794	neyedc.org.uk	Environment Agency crayfish/ water voles/ mussels	Unknown	19/02/1993	
Arvicola amphibius	European Water Vole	terrestrial mammal	Upper Derwent, Yedingham	SE894794	neyedc.org.uk	Yorkshire water vole records (positive)	Woodroffe, Gordon	19/02/1993	
Arvicola amphibius	European Water Vole	terrestrial mammal	Upper Derwent, Yedingham	SE894794	neyedc.org.uk	Yorkshire water vole records (positive)	Unknown	24/05/2000	
Arvicola amphibius	European Water Vole	terrestrial mammal	Yedingham	SE89407940	neyedc.org.uk	Otter, water vole and crayfish records	Unknown	2000	
Erinaceus europaeus	West European Hedgehog	terrestrial mammal	East Knapton	SE8875	neyedc.org.uk	Yorkshire Mammal Group records	Oxford, Geoff	16/10/2002	
Lutra lutra	European Otter	terrestrial mammal	Cripple Beck Bridge	SE88707960	neyedc.org.uk	Otter, water vole and crayfish records	Unknown	1995	
Lutra lutra	European Otter	terrestrial mammal	Cripple Beck, Cripple Beck Bridge, Pickering	SE887796	neyedc.org.uk	Water for Wildlife Project	Woodroffe, Gordon	01/06/1995	
Lutra lutra	European Otter	terrestrial mammal	Derwent, Forge Valley SSSI	SE8986	neyedc.org.uk	Water for Wildlife Project	Mortimer, James (Mr)	16/12/2001	
Lutra lutra	European Otter	terrestrial mammal	River Derwent	SE893796	neyedc.org.uk	Otter records for North Yorkshire	Woodroffe, Gordon	Aug-96	
Lutra lutra	European Otter	terrestrial mammal	River Derwent, Forge Valley SSSI, Scarborough	SE8986	neyedc.org.uk	Water for Wildlife Project	Mortimer, James (Mr)	16/12/2001	
Lutra lutra	European Otter	terrestrial mammal	River Derwent, Yedingham, Malton	SE893796	neyedc.org.uk	Water for Wildlife Project	Woodroffe, Gordon	01/06/1995	
Lutra lutra	European Otter	terrestrial mammal	River Derwent, Yedingham, Malton	SE8979	neyedc.org.uk	Water for Wildlife Project	Unknown	12/07/2004	
Lutra lutra	European Otter	terrestrial mammal	River Wharfe, Beckermunds	SE8780	neyedc.org.uk	Water for Wildlife Project	Unknown	20/07/1992	

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
Lutra lutra	European Otter	terrestrial mammal	Thornton Beck, Ellers Lake, Dalby, Pickering	SE88	neyedc.org.uk	Water for Wildlife Project	Woodroffe, Gordon	01/06/1995	
Lutra lutra	European Otter	terrestrial mammal	Yedingham	SE89307960	neyedc.org.uk	Otter, water vole and crayfish records	Unknown	1995	
Meles meles	Eurasian Badger	terrestrial mammal	Chafer Wood	SE89818325	neyedc.org.uk	Yorkshire Mammal Group records	Mortimer, James (Mr)	03/05/2003	
Meles meles	Eurasian Badger	terrestrial mammal	Chafer Wood	SE90008377	neyedc.org.uk	Yorkshire Mammal Group records	Mortimer, James (Mr)	03/05/2003	
Meles meles	Eurasian Badger	terrestrial mammal	Chafer Wood	SE90248452	neyedc.org.uk	Yorkshire Mammal Group records	Mortimer, James (Mr)	03/05/2003	
Meles meles	Eurasian Badger	terrestrial mammal	Cockmoor Hall West	SE903873	neyedc.org.uk	North York Moors Forest District Badger Setts Survey	Mandor, Philip (Mr)	07/07/1987	
Meles meles	Eurasian Badger	terrestrial mammal	Crosscliff	SE8891	neyedc.org.uk	National Badger Survey	Critchley, Charles (Mr)	09/02/1995	present Abundance paths/ runs (Count)
Meles meles	Eurasian Badger	terrestrial mammal	Crosscliff	SE8891	neyedc.org.uk	National Badger Survey	Critchley, Charles (Mr)	09/02/1995	present Abundance footprints (Count)
Meles meles	Eurasian Badger	terrestrial mammal	Crosscliff	SE8891	neyedc.org.uk	National Badger Survey	Critchley, Charles (Mr)	09/02/1995	present Abundance dung pits (Count)
Meles meles	Eurasian Badger	terrestrial mammal	Crosscliff	SE899908	neyedc.org.uk	National Badger Survey	Critchley, Charles (Mr)	09/02/1995	
Meles meles	Eurasian Badger	terrestrial mammal	Dalby Forest	SE897908	neyedc.org.uk	Forest Enterprise Badger Setts	Newton-Cross, Gerry	2000	
Meles meles	Eurasian Badger	terrestrial mammal	Dalby Forest	SE910897	neyedc.org.uk	Forest Enterprise Badger Setts	Newton-Cross, Gerry	2000	
Meles meles	Eurasian Badger	terrestrial mammal	Yedingham	SE888788	neyedc.org.uk	Yorkshire Mammal Group records	Thorpe, Jean	06/09/2000	
Myotis brandtii	Brandt's Bat	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	18/06/1986	1 Abundance Male (Count)
Myotis brandtii	Brandt's Bat	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	25/06/1998	1 Abundance Male (Count)
Myotis nattereri	Natterer's Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	30/04/1998	1 Abundance Male (Count)
Myotis nattereri	Natterer's Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	20/05/1999	1 Abundance Adult Male (Count)
Myotis nattereri	Natterer's Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	13/04/2000	1 Abundance Adult Male (Count)

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
Myotis nattereri	Natterer's Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	06/09/2001	1 Abundance Female (Count)
Nyctalus noctula	Noctule Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	19/09/1991	1 Abundance Adult Female (Count)
Nyctalus noctula	Noctule Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	22/10/1992	1 Abundance Adult Female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	13/09/1990	1 Abundance Adult Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	17/10/1991	1 Abundance immature female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	11/06/1992	1 Abundance Default (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	23/09/1992	1 Abundance Adult Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	23/09/1992	1 Abundance immature female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	11/08/1994	1 Abundance Female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	11/08/1994	1 Abundance Adult Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	20/10/1994	1 Abundance parous female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	17/08/1995	1 Abundance parous female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	26/10/1995	1 Abundance non-parous female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	03/10/1996	1 Abundance parous female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	03/10/1996	1 Abundance Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	03/10/1996	1 Abundance parous female (Count)

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
Pipistrellus	Pipistrellus	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	25/09/1997	1 Abundance non-parous female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	25/09/1997	1 Abundance Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	25/09/1997	1 Abundance parous female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	25/05/2000	1 Abundance Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	14/09/1989	1 Abundance Adult Female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	14/09/1989	1 Abundance immature female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	14/09/1989	1 Abundance Adult Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	19/10/1989	1 Abundance Female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	10/05/1990	1 Abundance Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	14/06/1990	1 Abundance Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	16/08/1990	1 Abundance Adult Female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	16/08/1990	1 Abundance Adult Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	13/09/1990	1 Abundance Adult Female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	13/09/1990	1 Abundance Adult Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	13/09/1990	1 Abundance Adult Female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	13/06/1991	1 Abundance Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	19/09/1991	1 Abundance Adult Male (Count)

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	19/09/1991	1 Abundance Adult Female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	17/10/1991	1 Abundance Adult Female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	17/10/1991	1 Abundance Adult Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	13/08/1992	1 Abundance Adult Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	18/05/1993	1 Abundance Adult Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	17/06/1993	1 Abundance Adult Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	11/08/1994	1 Abundance Adult Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	11/08/1994	1 Abundance Female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	20/10/1994	1 Abundance Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	20/10/1994	1 Abundance parous female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	17/08/1995	1 Abundance Adult Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	17/08/1995	1 Abundance parous female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	21/09/1995	1 Abundance parous female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	26/10/1995	1 Abundance non-parous female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	26/10/1995	1 Abundance non-parous female (Count)

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	25/04/1996	1 Abundance non-parous female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	03/10/1996	1 Abundance Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	31/10/1996	1 Abundance non-parous female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	24/04/1997	1 Abundance Adult Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	25/09/1997	1 Abundance non-parous female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	25/09/1997	1 Abundance Default (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	25/09/1997	1 Abundance Male (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	25/09/1997	1 Abundance parous female (Count)
Pipistrellus	Pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	12/10/2000	1 Abundance non-parous female (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	17/08/1995	1 Abundance parous female (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	03/10/1996	1 Abundance non-parous female (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	03/10/1996	1 Abundance parous female (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	22/06/2000	1 Abundance Male (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	19/10/1989	1 Abundance Female (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	13/09/1990	1 Abundance Adult Female (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	19/09/1991	1 Abundance Adult Female (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	14/04/1994	1 Abundance Female (Count)

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Yorkshire Mammal Group records	Thompson, Michael	25/04/1996	
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	03/10/1996	1 Abundance Male (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	03/10/1996	1 Abundance parous female (Count)
Pipistrellus pipistrellus	Pipistrellus pipistrellus	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Yorkshire Mammal Group records	Thompson, Michael	24/04/1997	
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	14/08/1997	1 Abundance parous female (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	13/08/1998	1 Abundance Adult Male (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	24/09/1998	1 Abundance parous female (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	24/09/1998	1 Abundance Male (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	24/09/1998	1 Abundance parous female (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	24/09/1998	1 Abundance non-parous female (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	24/09/1998	1 Abundance Male (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	20/05/1999	1 Abundance Adult Male (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	05/08/1999	1 Abundance Female (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	05/08/1999	1 Abundance parous female (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	23/09/1999	1 Abundance parous female (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	23/09/1999	1 Abundance non-parous female (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	23/09/1999	1 Abundance Adult Male (Count)

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	22/06/2000	1 Abundance Male (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	10/08/2000	1 Abundance Adult Male (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	10/08/2000	1 Abundance non-parous female (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	07/09/2000	1 Abundance parous female (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	07/09/2000	1 Abundance Adult Male (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	07/09/2000	1 Abundance non-parous female (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	09/08/2001	1 Abundance Adult Male (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	06/09/2001	1 Abundance parous female (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles	09/09/2002	1 Abundance Male (Count)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles	09/09/2002	1 Abundance Adult Male (Count)
Pipistrellus pipistrellus	Pipistrellus pipistrellus	terrestrial mammal	North York Moors	SE8887	neyedc.org.uk	Yorkshire Mammal Group records	Thompson, Michael	21/05/1998	
Pipistrellus pipistrellus	Pipistrellus pipistrellus	terrestrial mammal	North Yorkshire	SE884882	neyedc.org.uk	Yorkshire Mammal Group records	Thompson, Michael	22/06/2000	
Pipistrellus pipistrellus	Pipistrellus pipistrellus	terrestrial mammal	North Yorkshire	SE896881	neyedc.org.uk	Yorkshire Mammal Group records	Thompson, Michael	22/06/2000	
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	10/08/1989	1 Abundance Adult Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	15/08/1991	1 Abundance Adult Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	19/09/1991	1 Abundance Adult Male (Count)

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	23/09/1993	1 Abundance immature male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	14/04/1994	1 Abundance Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	27/04/1995	1 Abundance immature? male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	17/08/1995	1 Abundance Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	15/08/1996	1 Abundance Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	03/10/1996	1 Abundance Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	30/04/1998	1 Abundance parous female (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	13/08/1998	1 Abundance Adult Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Allerston Moor	SE883880	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	07/09/2000	1 Abundance Adult Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	01/05/1987	1 Abundance Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	20/05/1987	1 Abundance Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	15/06/1988	1 Abundance Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	14/09/1989	1 Abundance Adult Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	14/06/1990	1 Abundance Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	16/08/1990	1 Abundance Adult Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	13/09/1990	1 Abundance Adult Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	19/09/1991	1 Abundance immature male (Count)

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	19/09/1991	1 Abundance Adult Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	13/08/1992	1 Abundance Adult Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	18/05/1993	1 Abundance Adult Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	12/08/1993	1 Abundance Adult Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	11/08/1994	1 Abundance Adult Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	20/06/1996	1 Abundance Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	15/08/1996	1 Abundance Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	03/10/1996	1 Abundance Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	03/10/1996	1 Abundance Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	22/05/1997	1 Abundance Adult Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	19/06/1997	1 Abundance Adult Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	21/05/1998	1 Abundance Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	22/04/1999	1 Abundance Adult Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	20/05/1999	1 Abundance Adult Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	24/06/1999	1 Abundance Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	05/08/1999	1 Abundance present (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	23/09/1999	1 Abundance Juvenile Male (Count)

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	23/09/1999	1 Abundance Juvenile Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	23/09/1999	1 Abundance parous female (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	13/04/2000	1 Abundance Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	10/08/2000	1 Abundance Adult Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	10/08/2000	1 Abundance Juvenile Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	10/08/2000	1 Abundance Juvenile Female (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	10/08/2000	1 Abundance parous female (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles (Mr)	07/09/2000	1 Abundance Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles	09/09/2002	1 Abundance non-parous female (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles	09/09/2002	1 Abundance parous female (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles	09/09/2002	1 Abundance Adult Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles	09/09/2002	1 Abundance Juvenile Male (Count)
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	Broad Head	SE896886	neyedc.org.uk	Forestry Commission bat box survey	Critchley, Charles	09/09/2002	
Plecotus auritus	Brown Long-eared Bat	terrestrial mammal	North York Moors	SE896881	neyedc.org.uk	Yorkshire Mammal Group records	Thompson, Michael	21/05/1998	

Site Data Search

Non-Statutory Sites

Local Wildlife Sites:

Local Wildlife Sites are known in North Yorkshire as SINCs (Sites of Importance for Nature Conservation). A leaflet explaining about SINCs is available from the NEYEDC web site: go to <http://www.neyedc.org.uk/index.php> - then go to Data services/Local Wildlife Sites data/North Yorkshire SINC panel/Documents/ SINC leaflets.

The following sites were found to be within (or partly within) your search area and their locations are shown on the enclosed map:

<i>Site Code</i>	<i>Site Name</i>	<i>Grid Reference</i>	<i>SINC status</i>
SE87-01	West Knapton Road Verge	SE 873 753	SINC
SE88-04	Netherby Dale [Chafer Wood]	SE 901 839	SINC
SE88-06	Mill Pond, Ebberston	SE 896 824	Deleted SINC
SE98-04	Cockmoor Hall	SE 914 867	SINC
SE98-11	Hazel Hall Farm Quarry	SE 909 838	SINC

SINC status – SINC sites that have been denotified by the North Yorkshire SINC panel have been surveyed and assessed against the SINC selection guidelines and found not to qualify as a SINC. We still report these sites in this report as some district planning authorities may still use the list of SINC sites in their local development plan and not the dynamic process developed by the North Yorkshire SINC group. As such, SINC sites that have been denotified should be considered for any planning applications. In addition these sites may not be of sufficient quality to qualify as a SINC but are still likely to be of higher ecological quality than other land in the area.

A full species and habitat map along with a citation is available for all SINC sites in North Yorkshire, however a charge of £25 is levied by the SINC steering group for this data. If you wish to receive a copy of this information for the SINC sites identified in this report please contact us.

Yorkshire Wildlife Trust Reserves

<i>Name or location of site</i>	<i>Grid Reference</i>
Chafer Wood	SE 901 839

We do not hold details of the YWT Reserves, and inclusion of the boundaries in the data search does not imply that there is public access to sites. Further information can be obtained from the Trust at: 1 St George's Place, York, YO24 1GN, Tel: 01904 613467, or <http://www.ywt.org.uk>.

Species data search

Enclosed is a list of notable and protected species found within the search area together with a spreadsheet listing the species records found, for example Freshwater Crayfish, Adder and several species of Bat. Please note that a lack of survey information for any particular area or taxonomic group does not necessarily mean that there is no nature conservation interest present and I would therefore recommend that a site survey is carried out in order to assess any ecological interest that might be present before proceeding with the development.

Also, in addition to the records shown on the enclosed sheet, there are records within the search area held by the North Yorkshire Bat Group. For further information on these records, you should contact the North Yorkshire Bat Group directly, contact details for which are given below.

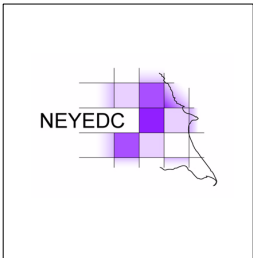
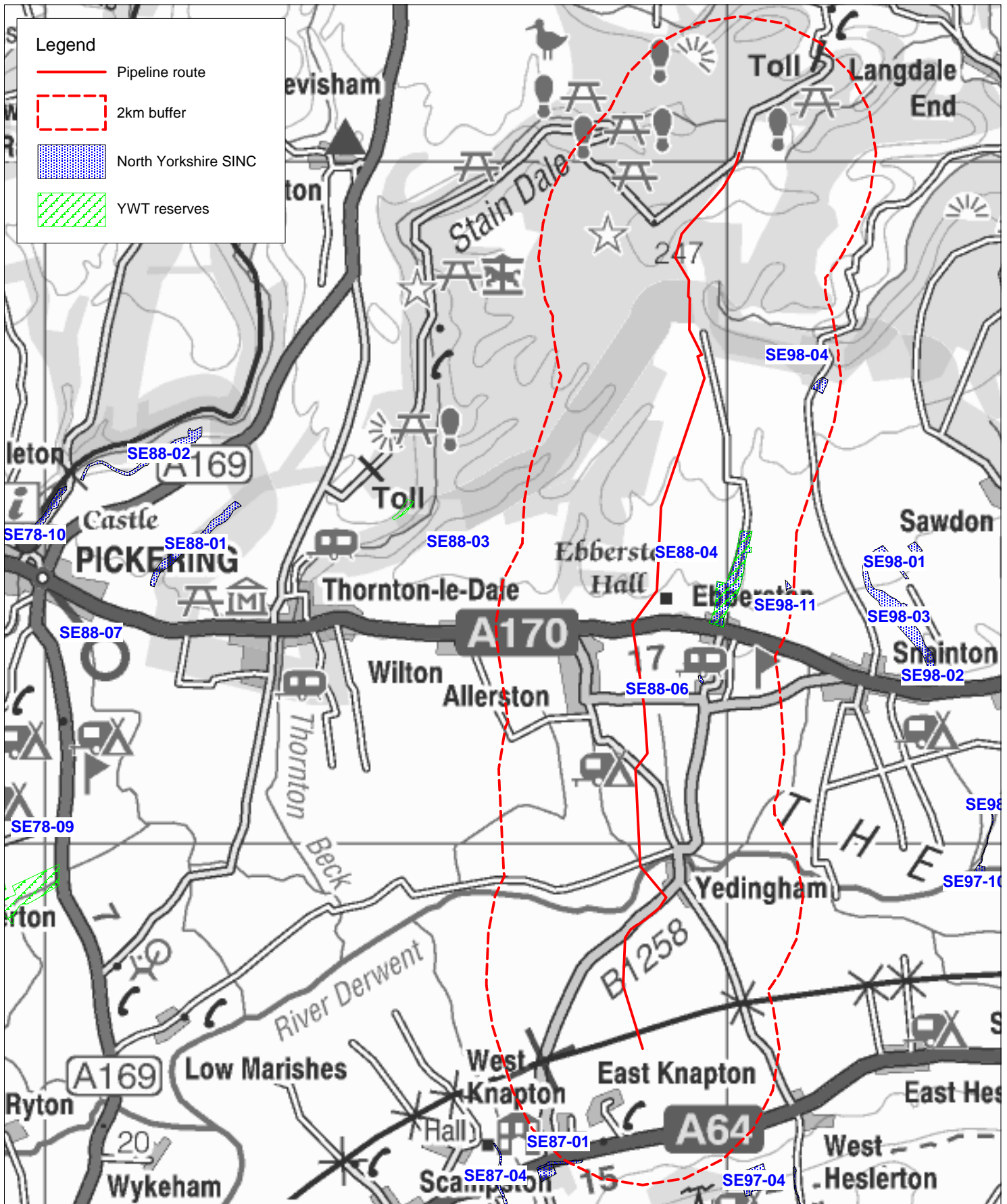
One particular point to bear in mind is that many bridges in North Yorkshire provide good opportunities for bats and support bat roosts. Please consult the North Yorkshire Bat Group regarding this aspect if the proposal is likely to require working close to or within the structure of any bridge. Bats are European Protected Species under the Conservation (Natural Habitats &c.) Regulations 1994. As you are probably aware, should a proposal be likely to affect or disturb bats and/or their roosts and therefore require derogation from the Regulations, a licence application to the Wildlife Licensing Unit, Natural England, is required in advance of the works commencing. The relevant contact is:

John Drewett, Chairman, North Yorkshire Bat Group, No Man's Common, Arrathorne, Bedale, DL8 1NA. T
www.nybats.org.uk

NB: The species search has been restricted to records from the last 50 years. However, if older records are specifically required, these may be obtained at additional cost from NEYEDC upon request.

NEYEDC retrieves data from the NBN Gateway via its Web Services, but can only retrieve data which is made publically available by the data custodian to download from the NBN Gateway. These records will be passed on at the same spatial resolution at which the data custodian makes them available.

Species records are normally extracted from both the NEYEDC and NBN Gateway databases. However on this occasion it was not possible to obtain records from the NBN.



Client: URS Client Ref: 47063256.0001 Our Ref: E00285

Description: Map showing conservation sites within the search area.

Scope of search: 2km radius from pipeline route

Scale: 1:25,000 when printed at A4

Date produced: 18/10/2012

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Our ref:

E00285

Date:

19/10/2012

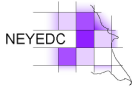
Species list for data search of area:

1km buffer from pipeline route north of SE 891 771

The table below lists all species for which records have been found within the search area. The date refers to the most recent occurrence for each species.

SPECIES LIST

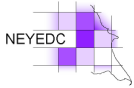
Scientific name	Common name	Taxonomic group	Year	Designated as
<i>Bufo bufo</i>	Common Toad	amphibian	1989	UK Biodiversity Action Plan priority species Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b)
<i>Lissotriton helveticus</i>	Palmate Newt	amphibian	2002	Ryedale LBAP Priority Species Scarborough LBAP Priority Species Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b)
<i>Rana temporaria</i>	Common Frog	amphibian	2002	Habitats Directive Annex 5 Ryedale LBAP Priority Species Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b)
<i>Caprimulgus europaeus</i>	European Nightjar	bird	1992	Bern Convention Appendix 2 Birds Directive Annex 1 RDB Birds - 5 UK Biodiversity Action Plan priority species
<i>Pinus sylvestris</i>	Scots Pine	conifer	1993	Nationally scarce
<i>Austropotamobius pallipes</i>	Freshwater Crayfish	crustacean	1984	Habitats Directive Annex 5 IUCN (2001) - Endangered Ryedale LBAP Priority Species UK Biodiversity Action Plan priority species Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (taking)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b)
<i>Aconitum napellus</i>	Monk's-Hood	flowering plant	1993	Nationally scarce
<i>Actaea spicata</i>	Baneberry	flowering plant	1993	Nationally scarce
<i>Carex paniculata</i>	Greater Tussock-Sedge	flowering plant	1993	Ryedale LBAP Priority Species
<i>Cerastium fontanum</i>	Common Mouse-Ear	flowering plant	1993	UK BAP Non-strict
<i>Epipactis palustris</i>	Marsh Helleborine	flowering plant	1993	EC CITES Annex B
<i>Gentianella amarella</i>	Autumn Gentian	flowering plant	1993	Ryedale LBAP Priority Species
<i>Hyacinthoides non-scripta</i>	Bluebell	flowering plant	2009	Wildlife and Countryside Act 1981 (Schedule 8)
<i>Meconopsis cambrica</i>	Welsh Poppy	flowering plant	1993	Nationally scarce
<i>Molinia caerulea</i>	Purple Moor-Grass	flowering plant	1993	Scarborough LBAP Priority Species
<i>Parnassia palustris</i>	Grass-Of-Parnassus	flowering plant	1993	Scarborough LBAP Priority Species
<i>Spergula arvensis</i>	Corn Spurrey	flowering plant	1993	IUCN (2001) - Vulnerable
<i>Sarcosphaera coronaria</i>	Violet Crowncup	fungus	2000	UK Biodiversity Action Plan priority species
<i>Argynnis aglaja</i>	Dark Green Fritillary	insect - butterfly	2001	Ryedale LBAP Priority Species
<i>Aricia artaxerxes</i>	Northern Brown Argus	insect - butterfly	2001	IUCN (2001) - Vulnerable Nationally Notable UK Biodiversity Action Plan priority species Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b)
<i>Boloria selene</i>	Small Pearl-Bordered Fritillary	insect - butterfly	2001	IUCN (2001) - Lower risk - near threatened UK Biodiversity Action Plan priority species
<i>Coenonympha pamphilus</i>	Small Heath	insect - butterfly	2001	IUCN (2001) - Lower risk - near threatened UK Biodiversity Action Plan priority species
<i>Erynnis tages</i>	Dingy Skipper	insect - butterfly	2000	IUCN (2001) - Vulnerable UK Biodiversity Action Plan priority species



Our ref:
Date:
Species list for data search of area:

E00285
19/10/2012
1km buffer from pipeline route north of SE 891 771

Scientific name	Common name	Taxonomic group	Year	Designated as
<i>Lasiommata megera</i>	Wall	insect - butterfly	2000	IUCN (2001) - Lower risk - near threatened UK Biodiversity Action Plan priority species
<i>Lycaena phlaeas</i>	Small Copper	insect - butterfly	2001	Ryedale LBAP Priority Species
<i>Chrysotus gramineus</i>	Chrysotus Gramineus	insect - true fly (Diptera)	1998	Nationally Notable
<i>Eristalis rupium</i>	Eristalis Rupium	insect - true fly (Diptera)	1996	Nationally Notable
<i>Limonia distendens</i>	Limonia Distendens	insect - true fly (Diptera)	1998	Nationally Notable
<i>Limonia lucida</i>	Limonia Lucida	insect - true fly (Diptera)	1998	Nationally Notable
<i>Molophilus corniger</i>	Molophilus Corniger	insect - true fly (Diptera)	1998	Nationally Notable
<i>Oxycera morrisii</i>	Oxycera Morrisii	insect - true fly (Diptera)	1998	Nationally Notable
<i>Oxycera pardalina</i>	Oxycera Pardalina	insect - true fly (Diptera)	1998	Nationally Notable
<i>Oxycera pygmaea</i>	Oxycera Pygmaea	insect - true fly (Diptera)	1998	Nationally Notable
<i>Paradelphomyia fuscua</i>	Paradelphomyia Fuscua	insect - true fly (Diptera)	2009	Nationally Notable
<i>Platypalpus ruficornis</i>	Platypalpus Ruficornis	insect - true fly (Diptera)	1996	Nationally Notable
<i>Rhaphium auctum</i>	Rhaphium Auctum	insect - true fly (Diptera)	1996	Nationally Notable
<i>Stratiomys potamida</i>	Stratiomys Potamida	insect - true fly (Diptera)	1996	Nationally Notable
<i>Anguis fragilis</i>	Slow-Worm	reptile	2003	Scarborough LBAP Priority Species UK Biodiversity Action Plan priority species Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (killing/injuring)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b)
<i>Vipera berus</i>	Adder	reptile	2004	Scarborough LBAP Priority Species UK Biodiversity Action Plan priority species Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (killing/injuring)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b)
<i>Zootoca vivipara</i>	Common Lizard	reptile	1990	Scarborough LBAP Priority Species UK Biodiversity Action Plan priority species Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (killing/injuring)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b)
<i>Arvicola amphibius</i>	European Water Vole	terrestrial mammal	2000	UK Biodiversity Action Plan priority species Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (killing/injuring)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (taking)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.2) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4b) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b) Wildlife and Countryside Act 1981 (Schedule 5)
<i>Erinaceus europaeus</i>	West European Hedgehog	terrestrial mammal	2002	UK Biodiversity Action Plan priority species
<i>Lutra lutra</i>	European Otter	terrestrial mammal	2004	Bern Convention Appendix 2 EC CITES Annex A Habitats Directive Annex 4 IUCN (2001) - Lower risk - near threatened Ryedale LBAP Priority Species Scarborough LBAP Priority Species Statutory Instrument 2716- The Conservation (Natural Habitats etc) Regulations 1994. Schedule 2 UK Biodiversity Action Plan priority species Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (killing/injuring)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (taking)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.2) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4b) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a)



Our ref:

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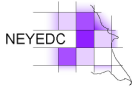
Date:

19/10/2012

Species list for data search of area:

1km buffer from pipeline route north of SE 891 771

Scientific name	Common name	Taxonomic group	Year	Designated as
				Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b) Wildlife and Countryside Act 1981 (Schedule 5)
Meles meles	Eurasian Badger	terrestrial mammal	2003	Protection of Badgers Act (1992)
Myotis brandtii	Brandt's Bat	terrestrial mammal	1998	Bern Convention Appendix 2 Bonn Convention Appendix 2 Habitats Directive Annex 4 Ryedale LBAP Priority Species Scarborough LBAP Priority Species UK Biodiversity Action Plan priority species Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (killing/injuring)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (taking)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.2) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4b) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b) Wildlife and Countryside Act 1981 (Schedule 5)
Myotis nattereri	Natterer's Bat	terrestrial mammal	2001	Bern Convention Appendix 2 Bonn Convention Appendix 2 Habitats Directive Annex 4 Ryedale LBAP Priority Species Scarborough LBAP Priority Species UK Biodiversity Action Plan priority species Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (killing/injuring)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (taking)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.2) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4b) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b) Wildlife and Countryside Act 1981 (Schedule 5)
Nyctalus noctula	Noctule Bat	terrestrial mammal	1992	Bern Convention Appendix 2 Bonn Convention Appendix 2 Habitats Directive Annex 4 Ryedale LBAP Priority Species Scarborough LBAP Priority Species UK Biodiversity Action Plan priority species Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (killing/injuring)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (taking)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.2) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4b) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b) Wildlife and Countryside Act 1981 (Schedule 5)
Pipistrellus	Pipistrellus	terrestrial mammal	2000	Bern Convention Appendix 2 Bonn Convention Appendix 2 Habitats Directive Annex 4 Ryedale LBAP Priority Species Scarborough LBAP Priority Species UK Biodiversity Action Plan priority species Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (killing/injuring)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (taking)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.2) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4b) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b) Wildlife and Countryside Act 1981 (Schedule 5)
Pipistrellus pipistrellus	Common Pipistrelle	terrestrial mammal	2002	Bern Convention Appendix 2 Bonn Convention Appendix 2 Habitats Directive Annex 4 Ryedale LBAP Priority Species Scarborough LBAP Priority Species UK Biodiversity Action Plan priority species Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (killing/injuring)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (taking)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.2) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4b) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b) Wildlife and Countryside Act 1981 (Schedule 5)



Our ref:
Date:
Species list for data search of area:

E00285
19/10/2012
1km buffer from pipeline route north of SE 891 771

Scientific name	Common name	Taxonomic group	Year	Designated as
Pipistrellus pipistrellus	Pipistrellus Pipistrellus	terrestrial mammal	1998	Bern Convention Appendix 2 Bonn Convention Appendix 2 Habitats Directive Annex 4 Ryedale LBAP Priority Species Scarborough LBAP Priority Species UK Biodiversity Action Plan priority species Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (killing/injuring)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (taking)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.2) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4b) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b) Wildlife and Countryside Act 1981 (Schedule 5)
Plecotus auritus	Brown Long-Eared Bat	terrestrial mammal	2002	Bern Convention Appendix 2 Bonn Convention Appendix 2 Habitats Directive Annex 4 Ryedale LBAP Priority Species Scarborough LBAP Priority Species UK Biodiversity Action Plan priority species Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (killing/injuring)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (taking)) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.2) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4b) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a) Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b) Wildlife and Countryside Act 1981 (Schedule 5)

NORTH YORKSHIRE BAT GROUP

Species	Site	Grid ref.	Date	Comment
Common Pipistrelle	High Paper Mill Farm	SE852843	30-Aug-11	In flight
Soprano Pipistrelle	High Paper Mill Farm	SE852843	30-Aug-11	In flight
Myotis bat sp.	High Paper Mill Farm	SE852843	30-Aug-11	In Flight
Unknown	High Paper Mill Farm	SE852843	30-Aug-11	Roost
Common Pipistrelle	Dalby Beck	SE855864	2010	Roost
Unknown	Low Dalby House, Low Dalby	SE857874	27-May-99	Two droppings
Unknown	Thorpe Bassett church	SE858734	27-May-87	
Unknown	Barn Ville, Wilton	SE860828	22-Jul-07	Grounded bat
Brandt's Bat	Manor Farm House, Wilton	SE861829	15-Oct-00	Summer roost
Common Pipistrelle	Scampston Hall stables	SE86557565	2011	Roost
Unknown	Wilton, Thornton le Dale	SE8682	09-Jan-07	Hibernating
Pipistrelle species	Low Stainsdale	SE8690	17-Apr-88	Roost
Unknown	Low Staindale Cottage, Dalby Forest, Dalby	SE870904	24-Aug-87	
Pipistrelle species	Station Cottage, Allerston, Pickering	SE8782	17-Sep-84	Roost?
Unknown	Allerston Church	SE878829	1992	Roost
Unknown	St John's Church, Allerston	SE880830	24-May-02	Roost
Common Pipistrelle	Thompson's Rigg Farm, Crosscliffe	SE883921	01-Jul-08	Roost
Unknown	Thompson's Rigg Farm, Crosscliffe	SE883921	12-Dec-07	A few droppings
Pipistrelle species	Westfield Farm, Kirby Lane, Yedingham	SE8879	18-Jul-01	Maternity roost
Natterer's Bat	How Staindale Cottage, Dalby Forest	SE8890	1988	
Common Pipistrelle	Mill House Farm, East Knapton	SE892757	2010	Roost
Myotis bat sp.	Mill House Farm, East Knapton	SE892757	2010	In flight
Unknown	Ebberston Church	SE892833	01-Aug-10	Roost ?
Unknown	Ebberston Hall, Ebberston	SE8983	29-May-87	
Brown Long-eared Bat	Westwood Farm, Ebberston	SE898826	27-Jul-00	
Common Pipistrelle	11 Main Street, Ebberston	SE898829	17-Sep-07	In flight
Brown Long-eared Bat	11 Main Street, Ebberston	SE898829	17-Sep-07	In flight
Soprano Pipistrelle	11 Main Street, Ebberston	SE898829	17-Sep-07	In flight
Common Pipistrelle	Westfield Farm, Kirby Lane, Yedingham	SE906790	28-Apr-08	Roost
Pipistrelle species	Troutsdale	SE918883	24-Jun-78	
Common Pipistrelle	Snainton	SE92068236	20-Jul-02	
Pipistrelle species	11 The Orchard, Snainton	SE920820	07-Oct-04	Summer roost

Unknown	43 Station Road, Snainton	SE920820	18-Jun-85	Roost
Noctule Bat	Quarry Cottage, Snainton	SE921824	08-Sep-06	In flight
Common Pipistrelle	Quarry Cottage, Snainton	SE921824	08-Sep-06	In flight
Myotis bat sp.	Quarry Cottage, Snainton	SE921824	08-Sep-06	In flight
Noctule Bat	81 High Street, Snainton	SE923822	30-Apr-07	In flight
Common Pipistrelle	81 High Street, Snainton	SE923822	30-Apr-07	Roost
Pipistrelle species	Troutsdale	SE925893	24-Jun-78	
Brown Long-eared Bat	Troutsdale Lodge, Hackness	SE925894	24-May-00	
Pipistrelle species	Troutsdale Lodge, Hackness	SE925894	24-May-00	Summer roost
Unknown	St Andrew's Church, East Heslerton	SE9276	19-Jun-03	Roost ?
Unknown	Wydale Hall, Brompton	SE927833	04-Dec-07	Bat inside building
Brown Long-eared Bat	Hillcrest Nursery, 58 High Street, Snainton	SE9282	23-Sep-86	
Unknown	Snainton	SE9282	12-Jun-02	Roost
Pipistrelle species	Wydale Hall, Brompton-by-Sawdon	SE9283	21-Jan-85	Roost ?
Unknown	Troutsdale Lodge, Hackness	SE9289	24-Mar-87	
Unknown	Rock House Farm, Troutsdale, YO13 0BS	SE9289	25-Aug-87	

FORESTRY COMMISSION

Jo Atkinson

Sent: 12 December 2012 16:55
To: Laura Turnock
Subject: RE: Nightjar and Goshawk in Wykeham Forest

Hello Laura

Well Site

We don't have records for Nightjar in that area, although they could be present. The well site is within 200 metres of a Goshawk nest.

Pipeline

There are no records for either Goshawk or nightjar along the proposed route.

These are just from our database, I haven't looked at any others.

RE: bats

Over the last 5 years

box no. 6 - pip 45 & Brown long Eared

box 7 - pip

box 8 - Natterers, pip 55

box 11 - pip 45 & 55, Natts & BLE

box 12 BLE, pips.

Other boxes (3& 5) didn't have any records for bats over the last 5 years.

Hope that gives you a basic idea.

Best Wishes

Brian

Brian Hicks

Ecologist

Yorkshire Forest District

-----Original Message-----

From: Laura Turnock

Sent: 12 December 2012 14:02

To: Hicks, Brian

Subject: Nightjar and Goshawk in Wykeham Forest

Dear Brian,

Further to our telephone conversation this morning regarding Nightjar and Goshawk within Wykeham Forest and my email dated 7th December 2012 (as below), I am writing to request this information for an additional site, as per the attached site location plans. If you could advise the presence of both species within the new area as well as the previous request, that would be much appreciated.

If you require any further information off me, please do not hesitate to get in touch.

Regards,

Laura

Laura Turnock BSc (Hons) MRes AIEEM
Ecologist

URS Infrastructure & Environment UK Limited

West One, Wellington Street, Leeds, LS1 1BA

www.ursglobal.com

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-----Original Message-----

From: Laura Turnock
Sent: 07 December 2012 10:40
To: 'Hicks, Brian'
Subject: RE: bat boxes in Dalby and Wykeham Forest

Hi Brian,

Thank you for your email with regards to bat species records in the bat boxes at Wykeham and Dalby forest for August and October 2012, it is very much appreciated.

Apologies for the delay in getting back to you, but we were surveying for a proposed pipeline which is going close to, but not in the line of some of the bat boxes so the information you have provided is very useful in the assessment.

In light of the information you have provided, I was wondering if you would be able to provide more specific information based on each bat box location?

The bat boxes I require the species for are 3, 5, 6, 7, 8, 11 and 12.
Would you be able to provide specific species records for these boxes? I wasn't sure which forest I was in exactly, so I have attached a site plan for your information showing the route of the proposed pipeline.

Whilst on site, my colleague also identified the structure in the attached photo (house in Forestry Commission land.jpg). Out of interest, would you be able to let us know what this is please?

In addition, would you be able to provide any information on the presence of goshawk and/or nightjar within close proximity to the proposed pipeline route? Following a meeting with the client and the North York Moors National Park ecologist, they suggested we contact you with regards to this information to help make our assessments more robust and provide more suitable mitigation, where required. The information would be put in a confidential appendix so we would ensure it would not be published into the public realm.

If you have any queries regarding the above, please do not hesitate to get in touch. In the meantime, thank you in advance for your assistance and I look forward to hearing back from you soon.

Regards,

Laura

Laura Turnock BSc (Hons) MRes AIEEM
Ecologist

URS Infrastructure & Environment UK Limited
West One, Wellington Street, Leeds, LS1 1BA

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-----Original Message-----

From: Hicks, Brian
Sent: 28 November 2012 14:40
To: Laura Turnock
Subject:

Hello Laura

I have been passed your email from Nigel.

The bat boxes on Forestry Commission land are monitored monthly. This year due to lack of staff they were only monitored in August and October.

Results below.

August

Wykeham 2 pip 45 Male
1 Brown long eared Male
Dalby 8 pip 45 Male
1 pip 45 female
1 Natterers male
5 Daubenton male
1 Daubenton sex unknown (flew away)
1 whiskered male

October

Wykeham 2 Brown long eared male
1 pip 45 female
Dalby 1 Natterers male
2 pip 45 male
9 pip 45 female (includes 3 young)
1 daubenton male
3 noctule male
1 whiskered male
1 whiskered female

Hope thats ok. Any more detail please contact me.
Out of interest- what were you surveying for?
Best Wishes
Brian Hicks
Ecologist
Yorkshire Forest District

From: Laura Turnock [
Sent: 28 November 2012 10:55
To: Foster, Nigel
Subject: Bat boxes in Dalby and Wykeham Forest

Hi Nigel,

The Dalby Forest rangers passed on your contact details following a query I had with regards to bat boxes in Dalby and Wykeham Forests.

I was undertaking some work near there yesterday when I noticed some bat boxes in trees that had been marked up. I was wondering if these were monitored and if so, is there scope to purchase this information?

If you wish to discuss this further, please do not hesitate to get in touch using my contact details below. In the meantime, thank you in advance for any assistance you can provide and I look forward to hearing from you soon.

Regards,

Laura

Laura Turnock BSc (Hons) MRes AIEEM
Ecologist

URS Infrastructure & Environment UK Limited

West One, Wellington Street, Leeds, LS1 1BA

www.ursglobal.com

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Brian Hicks
Ecologist
Yorkshire Forest District

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SCARBOROUGH BIRD CLUB

Bird Records in the Ebberston/Yedingham/Knapton area

In December 2012 Scarborough Birders received a request for records of notable bird species within a corridor 2km either side of the route of a proposed pipeline commencing in Wykeham and Dalby Forest, running south between Ebberston and Abberston, past Yedingham and ending at Knapton Power Station. In order to provide data for this request I have undertaken a search of our local area bird reports and unpublished bird records. In addition I met with Mick Carroll who has a detailed knowledge of the forest and who also regularly spends time birding in the Vale of Pickering between Yedingham and Low Marishes.

The following significant records were found during the search.

Schedule 1 species

Goshawk

There was an active territory in the spring 2012 in the forest north-east of Broad Head Farm at the north end of Rosekirk Dale. In addition, a second territory was occupied in the Newclose Rigg area (SE 8789). Both of these sites are regularly occupied by Goshawks with the former certainly active in the past two breeding seasons and the latter occupied for at least the past four seasons and probably most of the past 10+ years.

Barn Owl

We are aware of numerous regular sightings of Barn Owls in the Vale of Pickering around Knapton, Yedingham and Ebberston. However, we have little information about actual breeding sites along the pipeline corridor. We recommend contacting Paul Willett (01751 476871) as he will have details of most Barn Owl boxes in the area.

Crossbill

There were numerous sightings in the Red Dike area during the 2011 and 2012 breeding seasons.

Other notable species

Long-eared Owl

Young birds were heard calling at Seavy Slack (SE 9090) in July 2011. This site was also occupied by this species in 2010.

Nightjar

Mick Carroll has undertaken surveys of this species across wide areas of the forest over the past few years. He confirms the presence of this species in areas of clear fell in the vicinity of Jingleby Thorn during June and July 2011.

Turtle Dove

Calling birds were recorded on several occasions during June and July 2012 at Jingleby Thorn. In the same year a pair was present at Scamridge Slack in June. In 2011 a pair was recorded in June and July at Little Gill Noddle.

Yellow Wagtail

A territorial pair was present in fields west of Malton Cote during June 2012.
Three pairs were present at Ings Farm, Yedingham in early June 2009.

Wood Warbler

One was singing in Sand Dale on 8th June 2009.

I trust that this information will prove useful, but if you require further information then we will be happy to help further.

Chris Bradshaw
On behalf of Scarborough Birders

Chris Bradshaw
Ornithologist
3 Castle Rise
West Ayton
Scarborough
North Yorkshire
YO13 9JY

DESIGNATED SITE CITATIONS

DATE NOTIFIED: 6 MARCH 1992

County: North Yorkshire **Site name:** Troutsdale and Rosekirk Dale Fens

Status: Site of Special Scientific Interest (SSSI) notified under Section 28 of the Wildlife and Countryside Act 1981, as amended.

Local Planning Authority: North York Moors National Park, Ryedale District Council, Scarborough District Council

National Grid Reference: SE 900876 and SE 903879 **Area:** 13.07 (ha) 32.30 (ac)

Ordnance Survey Sheet 1: 50,000: 101 **1:10,000:** SE 88 NE, SE 98 NW

First Notified: 1984* **Date of Revision:** 1992^x

Other Information:

1. The site lies in the North York Moors National Park.

*Under Section 28 of the Wildlife and Countryside Act, 1981.

^xUnder Section 28 of the Wildlife and Countryside Act, 1981, (as amended).

Description:

These two fen systems lie in the narrow upper reaches of Troutsdale. They display examples of spring and flush fen typical in the local area where base-rich springs emanate from the Corallian Limestone. Such fen systems are nationally rare, being restricted to only four main areas in Norfolk, Oxfordshire, Anglesey and North York Moors. These communities are particularly vulnerable to degradation either by ditching, excess water abstraction or by neglect. Typically the communities exhibit active precipitation and deposition of calcium carbonate in the form of marl and tufa respectively.

Two main plant communities are present at this site. Troutsdale Fen supports a large area of fen meadow dominated by rushes including soft rush *Juncus effusus*, compact rush *J. conglomeratus* and the rarer blunt-flowered rush *J. subnodulosus*. Sedges are well represented, including long-stalked yellow sedge *Carex lepidocarpa*, glaucous sedge *C. flacca* and carnation sedge *C. panicea*, together with wetland herbs such as marsh valerian *Valeriana dioica*, meadowsweet *Filipendula ulmaria* and devil's-bit scabious *Succisa pratensis*. Other herbs of note are meadow thistle *Cirsium dissectum* and several orchid species, including marsh helleborine *Epipactis palustris*. The tall common reed *Phragmites australis* occurs in a few places.

Within Troutsdale Fen the above community grades into a coarser one dominated by tussocks of the black bog rush *Schoenus nigricans*, but this community is more common within the fen to the north-east, known as Rosekirk Dale fen. Typical plants include purple moor-grass *Molinia caerulea*, the insect feeding butterwort *Pinguicula vulgaris*, broad-leaved cotton-grass *Eriophorum latifolium* and common cotton-grass *E. angustifolium*. In places mounds of bog mosses *Sphagnum spp.* allow some plants to grow in a more acidic environment above the influence of the calcareous flushes. Here species more typical of heathland survive such as cross-leaved heath *Erica tetralix*, bilberry *Vaccinium myrtillus*, crowberry *V. vitis-idaea* and crowberry *Empetrum nigrum*.

Small areas of scrub occur within both fen systems and include hawthorn *Crataegus monogyna*, blackthorn *Prunus spinosa* and grey willow *Salix cinerea*.

It is known that calcareous fen systems support distinctive insect faunas. Although this site has not been well studied, it is known that the flush systems are particularly important for soldier flies. A species of crane fly *Limonia occidua*, which is commonly found in Scotland, also occurs at Troutsdale Fen and this is one of the very few English locations for this species.

County: North Yorkshire **Site Name:** North York Moors

Unitary: Redcar & Cleveland Borough Council

Status: Site of Special Scientific Interest (SSSI) notified under Section 28 of the Wildlife and Countryside Act, 1981, as amended.

Local Planning Authority: North Yorkshire County Council; Redcar & Cleveland Borough, Council; North York Moors National Park Authority; Scarborough Borough Council; Hambleton District Council; Ryedale District Council

National Grid Reference: SE 4996 – SE 7192 - NZ 9500 – NZ 6910

Ordnance Survey Sheet 1:25,000: 26, 27

1:10,000:	NZ 40 SE, SW	NZ 80 NE, NW, SE, SW	SE 69 NE, NW, SE, SW
	NZ 50 NE, NW, SE, SW	NZ 90 NE, NW, SE, SW	SE 78 NE, NW
	NZ 51 NE, SE	SE 48 NE, NW	SE 79 NE, NW, SE, SW
	NZ 60 NE, NW, SE, SW	SE 49 NE, NW, SE, SW	SE 88 NW
	NZ 61 NE, NW, SE, SW	SE 58 NE, NW	SE 89 NE, NW, SE, SW
	NZ 70 NE, NW, SE, SW	SE 59 NE, NW, SE, SW	SE 99 NE, NW, SE, SW
	NZ 71 NE, NW, SE, SW	SE 68 NE, NW	

Area: 44,087.68 (ha) 108,940.65 (ac)

First Notified: 3 December 1998

Other Information:

The site lies entirely within the North York Moors National Park.

The international importance of the bird assemblage is enhanced by the presence of the following breeding species listed on Annex 1 of the EU Birds Directive: merlin, peregrine, hen harrier, golden plover and short-eared owl.

The site supports the following species which are listed as Red Data Birds in Britain: merlin, peregrine, hen harrier, golden plover, red grouse, curlew and redshank. Red Data Birds are those species which are internationally endangered, vulnerable or rare. Snipe, short-eared owl, whinchat, wheatear, ring ouzel and lapwing are being considered as candidate Red Data Birds because their populations are declining or their status is uncertain.

The site incorporates May Moss SSSI, Fylingdales SSSI and part of Tripsdale SSSI. The site abuts, but does not overlap, Newtondale SSSI, Farndale SSSI, Hole of Horcum SSSI, Broughton Bank SSSI, Beck Hole SSSI, Scar End Wood SSSI, Botton Head SSSI, Hill House Nab SSSI, Castle Beck and Scar Woods SSSI, Biller Howe Dale SSSI and Fairy Call Beck SSSI.

Description and Reasons for Notification:

The North York Moors contain the largest continuous tract of heather moorland in England. The site is of national importance for its mire and heather moorland vegetation communities and of international importance for its breeding bird populations, particularly merlin and golden plover.

The site is situated in north-east Yorkshire and lies between the towns of Whitby and Scarborough to the east; Pickering and Helmsley to the south; Northallerton and Stokesley to the west and Loftus and Guisborough to the north. The moors are generally low-lying with the majority of the plateaux elevated to between 150 m and 300 m. The maximum elevation is 545 m on Urra Moor in the west. The elevation decreases towards the south and east.

The site consists of the four main moorland blocks within the North York Moors National Park. There are also five smaller outlying areas that lie close to, but do not join, the main blocks. The largest continuous moorland block is centrally placed within the site and consists of a series of moorland plateaux intersected by valleys. The block is delineated by Bilsdale to the west, Newtondale to the east and Eskdale to the North. The south side is marked by the edge of the moors as they grade into the lowland of the Vale of Pickering. The other three moorland blocks are separated from the central block by valleys and are situated to the west, north and east of it. The western block stretches from Bilsdale to Kepwick and Thimbleby Moors which mark the western edge of the moors and the site. The northern block is separated off from the central block by the Esk valley and lies between the northern edge of the National Park and the River Esk. The eastern block is separated by the narrow valley of Newtondale and stretches to the eastern edge of Brow Moor where the site boundary lies within half a mile of the north east coast. The smaller outliers are scattered around the edges of the main moorland blocks and are generally low lying.

Vegetation Communities:

The vegetation displays a transition between blanket bog and dry heath land and supports diverse and extensive upland plant communities.

The moorland plateaux are dominated by dry heath on the central and western moors and wet heath and mire communities on the northern and eastern moors. The plateaux are defined by a number of valleys, the sides of which support extensive strands of bracken and small areas of native woodland. Acid grasslands occur along some of the moorland edges.

Moorland plateaux:

Dry heath covers over half the site and forms the main vegetation type on the western, southern and central moors where the soil is free draining and only a thin peat layer exists. The dry heath is dominated by heather *Calluna vulgaris* and wavy hair-grass *Deschampsia flexuosa* almost to the exclusion of other species, although bilberry *Vaccinium myrtillus* becomes more dominant on the steeper slopes. Bell heather *Erica cinerea* is also found on well drained areas throughout the site, often fringing the sides of tracks and roads. On slopes where bracken *Pteridium aquilinum* has been controlled by spraying, bilberry predominates and cowberry *Vaccinium vitis-idaea* is also frequent.

Wet heath is the second most extensive vegetation type on the site and is predominantly found on the eastern and northern moors where the soil is less free draining. On Fylingdales and Goathland Moors wet heath is the dominant vegetation type, with dry heath being largely confined to the driest soils on the hill tops and ridges. Areas of wet heath tend to be dominated by heather with cross-leaved heath *Erica tetralix* becoming dominant in wetter areas. Purple moor-grass *Molinia caerulea* and heath rush *Juncus squarrosus* are also common within this community. In the wettest stands bog mosses *Sphagnum compactum* and *S. tenellum* and *Dicranum* moss *Dicranum scoparium* occur.

Blanket mire occurs in small amounts along the main watershed of the high moors where deep peat has accumulated. These areas are dominated by heather and cross-leaved heath with

frequent hare's-tail cotton grass *Eriophorum vaginatum* and common cotton grass *E. angustifolium*. The largest area of blanket mire occurs at the northern end of Bransdale.

Grassy mires occur in small peripheral stands on most moors, but form one of the main vegetation communities on the low lying Newton Mulgrave and Ugthorpe Moors and also form large stands on lower lying areas of Danby Low Moor. These areas are often dominated by purple moor-grass with frequent tormentil *Potentilla erecta* and cross-leaved heath.

Wetter mires support the richest bog vegetation and include species such as bog asphodel *Narthecium ossifragum*, bog mosses *Sphagnum* spp., cloudberry *Rubus chamaemorus* and bog rosemary *Andromeda polifolia*. The latter two species are found only on the raised bog at May Moss.

Moorland edge:

Much of the moorland edge is dominated by bracken *Pteridium aquilinum*. These areas are generally species-poor, but in places support scarcer species such as chickweed wintergreen *Trientalis europaea* and dwarf cornel *Cornus suecica*.

Small areas of acid grassland occur on the periphery of the moorland. These grasslands are dominated by mat grass *Nardus stricta* and heath bedstraw *Galium saxatile* on the wetter areas and sheep's fescue *Festuca ovina* and common bent *Agrostis capillaris* on better drained soils. On unenclosed moorland these grasslands grade into heath with the presence of bilberry and heather.

Valley sides and streams:

Flushes occur along seepage lines and stream courses across the moors. Soft rush *Juncus effusus* and sharp-flowered rush *Juncus acutiflorus* dominate over a field layer of mosses such as *Sphagnum recurvum*, *S. auriculatum* and *Polytrichum commune*. These flushes tend to be species-poor, but the nationally scarce creeping forget-me-not *Myosotis stolonifera* can be found in acid moorland streams and shallow pools.

There are also occasional base-rich flushes which support a variety of short sedges *Carex* spp., herbs and mosses and plants such as common butterwort *Pinguicula vulgaris*. These flushes tend to be restricted to small areas on steep valley sides where beds of limestone lie close the surface.

The flush communities make up only a small area of the site, but are an essential part of the moorland habitat particularly because they support rich invertebrate populations which are an important food source for moorland birds.

Woodland:

Woodland is restricted to small areas along gills and the moorland edge is mostly dominated by oaks *Quercus* Spp., and birches *Betula* spp. These woods have a ground flora of bilberry and wavy hair-grass and occasionally common cow-wheat *Melampyrum pratense*. Along streams, narrow bands of alder *Alnus glutinosa* woodland occur with ash *Fraxinus excelsior* and herbs such as yellow pimpernel *Lysimachia nemorum*. The margins of lower moors support scrub in which common gorse *Ulex europaeus* and bramble *Rubus fruticosus* agg., are present.

Natural regeneration on some of the peripheral moors, where grazing and burning pressures are low, has resulted in the presence of scattered trees including oak, birch and, in places, Scots pine *Pinus sylvestris* over an understorey of dry heath. Juniper *Juniperus communis* is locally

rare and exists only as single shrubs or small clusters in a few remote gills and moor edges where burning is absent.

Birds:

The site supports a nationally important assemblage of moorland breeding birds including merlin, golden plover, snipe, curlew, redshank, whinchat, ring ouzel, hen harrier, peregrine and short-eared owl. The populations of breeding merlin and golden plover are of international importance.

Areas of tall heather are favoured by breeding merlin, short-eared owl and hen harrier while the moorland burning and grazing regime provides the varied structure required by red grouse and waders such as golden plover and curlew.

The grassy and rushy edges of the moor provide habitat for breeding snipe, redshank and lapwing. Whinchat also nest on the moorland edge in grassland and bracken beds. Ring ouzels frequent sheltered gill sides and rock out-crops whilst wheatear nest in walls and rocky screes.

Peregrine breed in small numbers on the moor and favour nest sites in disused quarries and crags along the moorland edge.

NATURA 2000

STANDARD DATA FORM

FOR SPECIAL PROTECTION AREAS (SPA)
FOR SITES ELIGIBLE FOR IDENTIFICATION AS SITES OF COMMUNITY IMPORTANCE (SCI)
AND
FOR SPECIAL AREAS OF CONSERVATION (SAC)

1. Site identification:

1.1 Type 1.2 Site code

1.3 Compilation date 1.4 Update

1.5 Relationship with other Natura 2000 sites

1.6 Respondent(s)

1.7 Site name

1.8 Site indication and designation classification dates

date site proposed as eligible as SCI	
date confirmed as SCI	
date site classified as SPA	200005
date site designated as SAC	

2. Site location:

2.1 Site centre location

longitude	latitude
00 53 01 W	54 23 43 N

2.2 Site area (ha) 2.3 Site length (km)

2.5 Administrative region

NUTS code	Region name	% cover
UK22	North Yorkshire	95.00%
UK111	Cleveland	5.00%

2.6 Biogeographic region

Alpine

Atlantic

Boreal

Continental

Macaronesia

Mediterranean

3. Ecological information:

3.1 Annex I habitats

Habitat types present on the site and the site assessment for them:

Annex I habitat	% cover	Representativity	Relative surface	Conservation status	Global assessment

3.2 Annex I birds and regularly occurring migratory birds not listed on Annex I

Code	Species name	Population			Site assessment			
		Resident	Migratory		Population	Conservation	Isolation	Global
Breed	Winter	Stage						
A098	<i>Falco columbarius</i>		>35 P		B		C	
A140	<i>Pluvialis apricaria</i>		>526 P		B		C	

4. Site description:

4.1 General site character

Habitat classes	% cover
Marine areas. Sea inlets	
Tidal rivers. Estuaries. Mud flats. Sand flats. Lagoons (including saltwork basins)	
Salt marshes. Salt pastures. Salt steppes	
Coastal sand dunes. Sand beaches. Machair	
Shingle. Sea cliffs. Islets	
Inland water bodies (standing water, running water)	1.0
Bogs. Marshes. Water fringed vegetation. Fens	5.0
Heath. Scrub. Maquis and garrigue. Phygrana	72.0
Dry grassland. Steppes	15.0
Humid grassland. Mesophile grassland	2.0
Alpine and sub-alpine grassland	
Improved grassland	
Other arable land	
Broad-leaved deciduous woodland	2.0
Coniferous woodland	1.0
Evergreen woodland	
Mixed woodland	1.0
Non-forest areas cultivated with woody plants (including orchards, groves, vineyards, dehesas)	
Inland rocks. Scree. Sands. Permanent snow and ice	
Other land (including towns, villages, roads, waste places, mines, industrial sites)	1.0
Total habitat cover	100%

4.1 Other site characteristics

Soil & geology:

Acidic, Limestone, Nutrient-poor, Peat, Sandstone

Geomorphology & landscape:

Hilly, Upland

4.2 Quality and importance

ARTICLE 4.1 QUALIFICATION (79/409/EEC)

During the breeding season the area regularly supports:

<i>Falco columbarius</i>	at least 2.7% of the GB breeding population 1996
<i>Pluvialis apricaria</i> (North-western Europe - breeding)	at least 2.3% of the GB breeding population 1996

ARTICLE 4.2 QUALIFICATION (79/409/EEC)

4.3 Vulnerability

The value of the North York Moors in providing suitable habitat for breeding merlin and golden plover is dependent on the moorland management that is carried out by farmers and gamekeepers to maintain the moorland plant communities and grouse populations. The most vulnerable plant communities are the heaths and mires which are susceptible to overgrazing, gripping and too frequent heather burning leading to species impoverishment and a loss of structural diversity. A lack of keeping and undergrazing on some moors has resulted in large areas of undermanaged old heather lacking structural diversity which reduces the suitability of the habitat for merlin and golden plover. This is being addressed by looking at payments for positive heather management, such as cutting and burning. The majority of the site is being managed in a desirable way with pressures being largely restricted to small areas.

5. Site protection status and relation with CORINE biotopes:

5.1 Designation types at national and regional level

Code	% cover
UK04 (SSSI/ASSI)	100.0