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Cloughton Sawmill
Ecological Assessment

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June 2016

INCA
Industry Nature Conservation Association

This report has been produced for William Woods for the purpose of informing development proposals.

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Contents

Introduction

INCA was commissioned by William Woods to carry out an ecological assessment of Cloughton Sawmill and associated woodland. This ecological assessment is to inform a planning application for holiday pods within the woodland.

In addition to the holiday pods, it is understood that the main infrastructure elements to the proposal would be; conversion of existing buildings; car parking on existing areas of hard standing; the stone lining of an existing track with services to the holiday pods following this existing track. Lighting within the woodland would be avoided except where some low intensity lighting is necessary for health & safety.

The purpose of this report is to describe the ecological conditions of the woodland and other areas associated with this proposal. The report will also identify any protected or otherwise notable species recorded on or adjacent to the site and will assess the potential for such species to be present on the site and affected by the proposal.

With regards to protected species, a bat survey was carried out as a follow up to the initial site survey and this is reported in Appendix 2.

A number of habitat management elements are proposed and the potential of each of these to contribute to the ecological enhancement of the woodland is assessed.

Site description

The site in its wider context can be seen in Figure 1 below. The red line boundary indicates the area of the woodland in which the development would take place (the application site); this was the area to which the survey for this report was confined. The site is located within the north-west corner of National Grid Reference one kilometre square TA0095.

Figure 1. The application site in its wider context.

The application site consists largely of conifer plantation woodland. This is distributed across several compartments, which vary in the conifer species composition and to some extent the age of the trees. One small compartment (4a) comprises mainly relatively mature beech. At the entrance to the site there are two buildings with a third building approximately 100m further north. There are areas of cleared ground around each of the buildings, which have had some stone dressing to create areas of hard standing relating to the operation of the former sawmill.

The various elements of the site are described in the results section below. Photographs illustrating the descriptions are in Appendix 1. The location of the various compartments, buildings and areas of hard standing are shown in Figure 2 below.

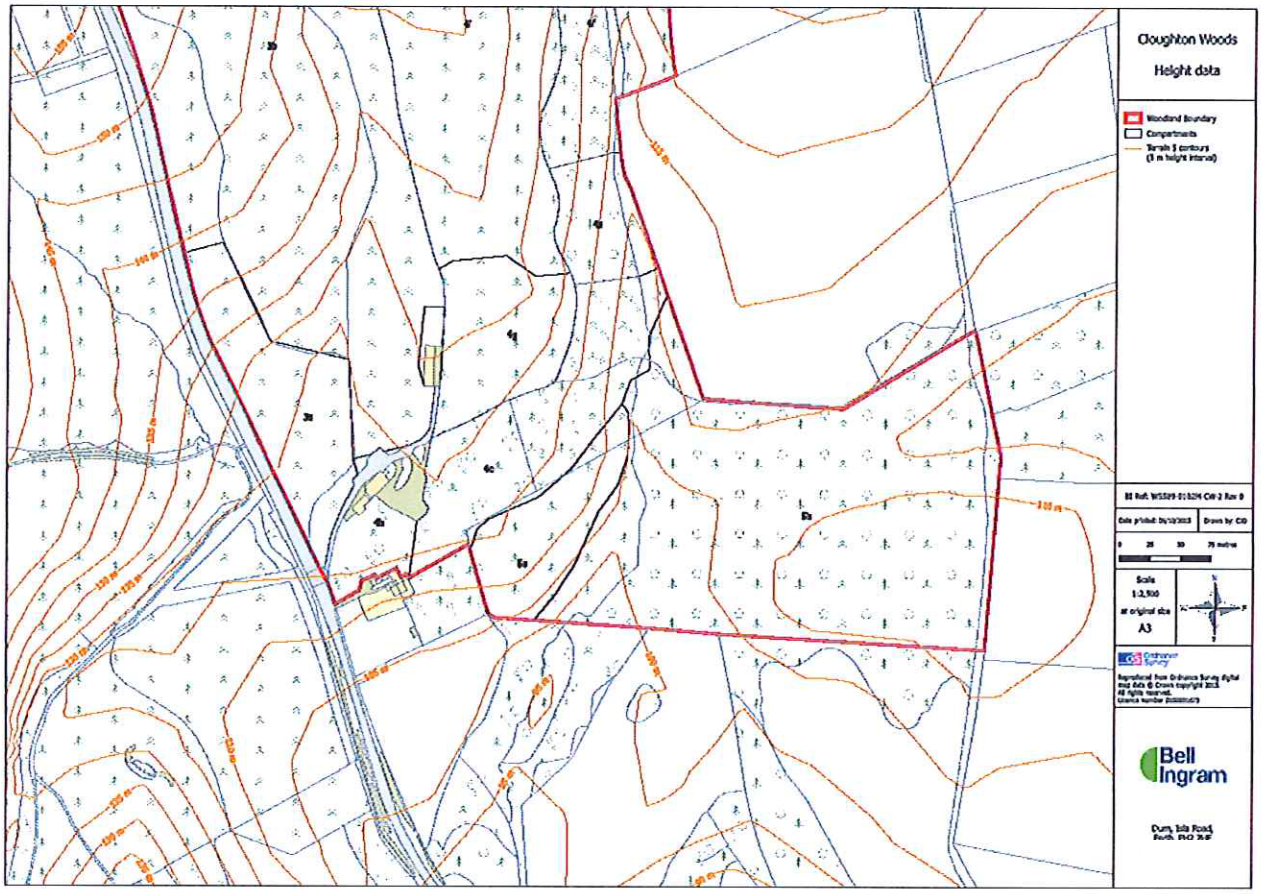


Figure 2. Location of woodland compartments, buildings and hard standing

Desk Study

A data search was requested from the North & East Yorkshire Ecological Data Centre for a 2km radius from the site. The data search covered statutory and non-statutory nature conservation sites, Natural England's habitat inventories and records of protected or notable species.

The application site is not a designated site and does not feature in Natural England's habitat inventories.

A large number of species records were received. These were mainly common bird species however certain of the listed species are considered notable as they could potentially form a constraint on development if they were present on site and were likely to be affected by the proposal so are considered further in this report. These species are: great crested newt; nightjar; adder; common lizard; water vole; otter; badger.

The full list of species records is given in Appendix 3.

Field Survey Methodology

Date and weather conditions

The site was visited on the afternoon of 13th April 2016. Weather conditions at the time were overcast with intermittent showers and temperature around 7°C.

Survey methodology

The entire application site was walked and each of the buildings was inspected internally and externally.

Buildings were assessed for their potential to support roosting bats and nesting birds. The exteriors of the buildings were inspected using 8*40 magnification binoculars to examine the parts where they could not be inspected close up.

The main vegetation components of each of the compartments were recorded.

The entire application site was surveyed for signs of badgers.

Specialist surveys for other groups of protected species were not carried out however the potential for other protected species or otherwise notable species was assessed.

Survey context and constraints

The survey took place in mid April, in what had to date been a notably cold spring. It is anticipated that bat activity in the north of England would have been very restricted in the period prior to the survey, in which case signs of bats in the form of their droppings would be unlikely to be present externally on the buildings. However the purpose of this survey was to consider whether there were any potential roost sites for bats that might be affected by the proposal and the time of year is not a significant constraint in that respect. Also any bat droppings in the interior of buildings from previous years might still be present.

The survey took place in mid April, which would be an appropriate time of year to assess woodland ground flora.

The survey followed a period of extended wet weather, with rainfall for East & NE England being 22% above the 1981-2010 average. The landowner commented that this was the wettest that he has seen certain parts of the site.

The survey did not specifically consider common woodland bird species as these are not anticipated to be negatively affected by the proposals in any case.

Surveyor details

The survey was carried out by Ian Bond CEnv MCIEEM who holds a Class 2 bat licence and who is an experienced ecological surveyor for all groups of terrestrial vertebrates and vascular plants.

Field survey results

Building 1

This is open fronted, with the remaining three sides comprising wooden lats spaced with gaps. There is an unlined corrugated iron roof, which leaks. The building sits on a concrete floor. There are no cavities that would support roosting bats or ledges that would support barn owl. There was no sign of swallow nests from previous years although there is the potential for them to use this building. This building can be seen to the left of the saw mill, building 2, in photograph 1.

Building 2

This is the former working sawmill. The building is made of corrugated iron on the sides and roof. There are windows around the side which are either open or covered in corrugated plastic and there are windows in the roof. The exterior of the building can be seen in photograph 1. Internally the building is very open for the most part, except for two small compartments at the southern end, one of which is a switch room. The building is not lined other than some boarding around the compartments, which backs the corrugated iron. The interior of the main part of the building can be seen in photographs 2 & 3 with the interior of the rooms shown in photographs 4 & 5. At the northern end there is a feed into a wooden tower which is used to store the sawdust. The tower appears to be well sealed, as might be expected given that it would be designed to prevent sawdust escaping. The wooden tower can be seen in photograph 10.

No bat droppings were found on the windows or ledges and there were no apparent cavities that would support roosting bats. No barn owl pellets were found in the building and there was no sign of swallow nests from previous years, although there is the potential for swallows to nest in the building if some windows continue to be open.

Building 3

This is a long, storage building, divided internally into several compartments with wooden partitions. It stands on a concrete base and low level breeze block walls. The roof is made of corrugated asbestos and the walls of either corrugated asbestos or larch lap panels. The exterior of the southern end of the building can be seen in photograph 6. The building is unlined except for a small amount of wooden panelling at the southern end which backs the larch lap panels on the front. The interior of the northern end of the building can be seen in photograph 7 and the interior of the southern end, showing the internal panelling, can be seen in photograph 8.

No bat droppings were found on the walls or ledges and no barn owl pellets or old swallow nests were found in the building.

The only potential for roosting bats was between the external larch lap panels and the internal panelling that can be seen in photograph 8. Where they could be inspected, gaps in the overlaps in the larch lap panelling only extended back for 1-2cm and beyond that were tightly sealed thereby preventing bats from accessing behind the boards. It was not possible to closely inspect all potential gaps in the larch lap panelling higher up on that corner of the building therefore it was recommended that a bat emergence survey should be undertaken of that part of the building as a precaution.

Hard standing

There are areas around each of the buildings that are cleared of vegetation in relation to the operation of the former sawmill. These can be seen in photographs 9, 10 and 11. These are almost entirely devoid of vegetation and have had some stone dressing in the past. There are no significant features of ecological interest in these areas.

Woodland

The woodland is divided into various compartments as can be seen in Figure 2. The proposals relate to compartments 4a, 4b, 4c, 4g, 5a and 5b. The canopy in these compartments is largely commercially planted conifers, comprising a mixture of larch, spruce and pine. There are occasional self-seeded broad leaves, principally *Betula pendula*. In compartment 4a, there is an area of semi-mature beech which can be seen in photograph 14. There is an area of wet woodland in compartment 5b, described below. There are no veteran trees in any of the compartments although there are a few mature specimens which will be retained.

The holiday pods, access track and infrastructure associated with the pods would be situated in compartments 4a, 4c and 4g with detailed locations to be decided. The proposed route of the access track can be seen in photograph 12 with the woodland in the general location where the pods would go shown in photographs 13 and 14. The ground flora in these compartments is generally relatively species poor. *Oxalis acetosella* is frequent throughout these woodland compartments but is the only typical ancient woodland indicator species. *Lonicera pericylemum* and *Stellaria holostea* are also frequent in much of the woodland ground flora with *Dryopteris felix-mas*, *Polystichum setiferum*and *Pteridium aquilinum* ferns locally frequent at different parts of the woodland. Bryophytes were not surveyed although it was noted that *Polytrichum commune* was locally occasional in the ground layer. In the shrub layer, bramble, *Rubus fructicosus agg* and holly, *Ilex aquifolium*, are locally frequent.

Compartment 5a is an area of unmanaged, densely planted Sitka Spruce. This can be seen in photographs, 15, 16 and 17. As part of the proposal it is intended to clear fell this compartment, leaving a strip on the south west side for screening and to replant the remainder with broad leaved trees.

Compartment 5b would not be affected by the proposal other than to allow the use of an access track along its west-east length to join up with the existing public right of way that runs along its eastern border. The compartment is mostly comprised of commercial larch plantation but at its eastern end the land is very damp and forms a small area of wet woodland, which can be seen in photograph 18. This area immediately to the east of the wet woodland is shown as a spring on the Ordnance Survey. This area of woodland is composed of birch (*Betula sp*) and sallow (*Salix sp*). In the ground flora, *Glyceria fluitans* is frequent with *Sphagnum sp*, *Juncus sp*, *Callitriche sp*, *Ranunculus flammula* and *Ranunculus repens* occasional. On the higher ground on the northern side

there is some ash, *Fraxinus excelsior*. The amount of standing water in the wet woodland, as shown in the photograph, is currently at the maximum as noted by the landowner and the area generally dries out in the summer. The water drains to the west and it is proposed to dam this slightly to extend the area of wet woodland and potentially create a small area of permanently standing water.

Wetland features

The water course shown on the Ordnance Survey as Holm Slack runs north-south along the eastern perimeter of the site and can be seen in photograph 19. The water course was around 0.5m in width and 5-10cm in depth at the time of the survey, which as noted above followed a particularly wet period. The water course had shallow banks and for the most part little bank side vegetation. There are no proposals to impact this water course.

There are no ponds or other water features on the site other than those noted above.

It is proposed to excavate a pond on the eastern boundary of compartment 4a in the location shown in photograph 19, to the east of Holm Slack.

Badger

Signs of badgers were frequent in parts of the wood. These were mainly confined to compartment 5b, where two setts are located. The main sett is at the south west corner of compartment 5b. This has several holes that are obviously active and there were several latrines. A subsidiary sett with three entrances was about 100m due north. The latter can be seen in photograph 20. There was no clear indication that the subsidiary sett was in active use at the time of the survey though this was certainly possible as the entrances were clear. Other notable badger signs were a badger path running south-north along the eastern perimeter of compartment 4q, adjacent to pasture; snuffle holes and latrines at the northern end of compartment 5a, which would be close to the subsidiary sett. There were also snuffle holes near to the entrance of the site, just to the south of building 1. No other setts were located in the survey area.

Other features of ecological interest

No other signs of protected species or features of significant ecological interest were observed.

Assessment and recommendations

Nesting birds

Buildings 1 and 3 are not suitable for nesting barn owls as they do not contain suitable ledges. There is an elevated platform in building 2, which can be seen in Photograph 2, that a barn owl could potentially nest on but this is unlikely as the location is open and light. There is the possibility of nesting barn swallows in each of the buildings. Works to the buildings should therefore take account of the possibility of nesting birds and include suitable measures to avoid harming them should they be present.

The proposals would involve removing a small number of trees to accommodate the holiday pods and associated infrastructure and the clear felling of the conifers in compartment 5a. The individual trees could be checked for nesting birds prior to felling and could therefore be felled at any time subject to no nesting birds being present. It would be very difficult to check all of compartment 5a prior to felling given the density of the trees therefore that work should be undertaken outside of the bird nesting season, ie in the period September to February. There is some potential for ground nesting birds in the form of woodcock, *Scolopax rusticola*, within the woodland therefore the areas

where the pods would be located should be checked for that species prior to works commencing, should works commence in the bird nesting season. The habitats on site are not suitable to support nesting nightjar, *Caprimulgus europaeus*.

It is recommended that a selection of bird nest boxes are erected on the site as part of the ecological enhancement associated with the proposal.

Bats

Buildings 1 & 2 are assessed as having negligible risk of supporting roosting bats. The wooden extension to building 2 used for storing sawdust appears to be too well sealed to allow access by bats nevertheless this was subject to a bat emergence survey. No bats were found to emerge from the building; full details of the survey are given in Appendix 2.

Building 3 is assessed as having negligible risk of supporting roosting bats other than the possibility of bats accessing between some of the external larch lap panels on the southern end and the small amount of boarding on the interior at that point. This was subject to a bat emergence survey. No bats were found to emerge from the building; full details of the survey are given in Appendix 2.

The trees that will be removed to facilitate the proposal or to create ecological enhancements are either plantation grown conifers or small broad leaved trees and as such are very unlikely to support roosting bats.

It is recommended that bat boxes are erected on the site as part of the ecological enhancements associated with the proposal

Badger

As stated above, badger setts are only present in compartment 5b of the survey site. No development is proposed for this compartment other than to allow the use of an access track to link to the existing public rights of way network. The access track would be a minimum of 30m from either of the setts. The nature of the proposed development is such that it is unlikely to cause any disruption to badger feeding and commuting across the site.

Great Crested Newts

There are no ponds on the site. The closest known population of GCN is at least 1km distant on Cloughton High Street. No ponds are shown on aerial photographs or the Ordnance Survey as being between the known population and the application site. There is therefore a low probability of GCN being present on this site. Furthermore the nature of the development is such that even should GCN have been present then the likelihood of them being affected by the development would be low in any case.

Reptiles

Much of the site is unsuitable for reptiles as it consists of bare ground or dense woodland with little ground vegetation. In some parts of the woodland where there is more structure to the ground vegetation layer there is the potential for slow worm to be present. The habitats on site are less suitable for common lizard or adder. However the nature of the development is such that the footprint of the development in the woodland would be a very small fraction of the area of the woodland therefore the risk of harm to reptiles, even if present, is correspondingly small.

Water vole

There is no suitable habitat for water vole within the proposal site

Otter
There is no suitable habitat for otter within the proposal site

Woodland flora
The woodland flora even in the more open, diverse areas is relatively poor. There would therefore be no areas within compartments 4a, 4b and 4g where the ground flora was of sufficient nature conservation interest to be a constraint on the precise location of the holiday pods.

Ecological enhancements

Various ecological enhancements have been suggested by the landowner.

The provision of bird and bat boxes would be beneficial as the trees on site do not currently provide a range of suitable holes or crevices for roosting bats or hole nesting birds.

The conversion of compartment 5a to native broad leaved woodland would be a significant enhancement. As the ground in the compartment, particularly at the bottom of the slope, is poorly drained it may be possible to create an element of wet woodland as part of the broad leaved woodland using Common Alder, *Alnus glutinosa*, Grey Willow, *Salix cinerea* and Downy Birch, *Betula pubescans*.

Woodland management in the form of thinning is proposed for the other woodland compartments, which would open up the ground and shrub layers to more light and create greater structural diversity. This would benefit a range of woodland bird and invertebrate species. It is intended to retain holly in the shrub layer where possible to retain that current element of screening and diversity in the woodland.

The creation of a pond to the east of Holm Slack water course would also provide a significant ecological enhancement by providing a habitat that is not otherwise found on the site or the surrounding area. In order to create the pond it would mean the loss of an area of relatively species-poor ground flora and two or three young trees, which would be significantly outweighed by the benefit of a permanent pond.

Minor damming of the outflow from the wet woodland at the east of compartment 5a also has the potential to be an ecological enhancement. Damming the outflow would change the habitat slightly to create an area of standing water that would possibly be permanent or at least last for a larger part of the year. This in itself is not necessarily an enhancement as the existing wet woodland is of significant nature conservation value in its current condition. However it would extend the area of woodland which is subject to a higher water table and is thereby predicted to extend the area of wet woodland thereby resulting in an ecological enhancement.

Conclusions

The main features of the proposed development would involve the conversion of existing buildings and infrastructure on areas of existing hard standing. Both of these elements are assessed as having a negligible impact on valued ecological receptors subject to suitable consideration of the possibility of nesting birds.

The proposed holiday pods and associated infrastructure within the woodland compartments would have a very small footprint and would be in areas of relatively low ecological value.

It is considered unlikely that there would be any impacts on protected species.

Subject to the implementation of a suitable range of the ecological enhancements proposed above, it is considered that the proposal would result in a net ecological gain.

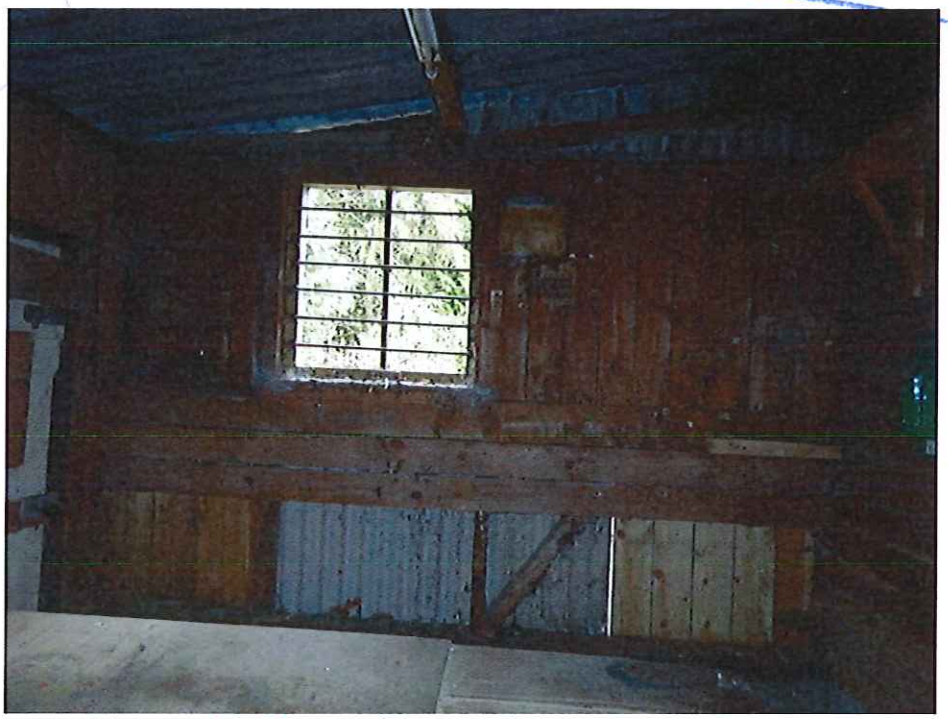
Appendix 1. Photographs

Photograph 1. Exterior of the saw mill with building 1 in the background

Photograph 2. Interior of the saw mill

Photograph 3. Interior of the saw mill

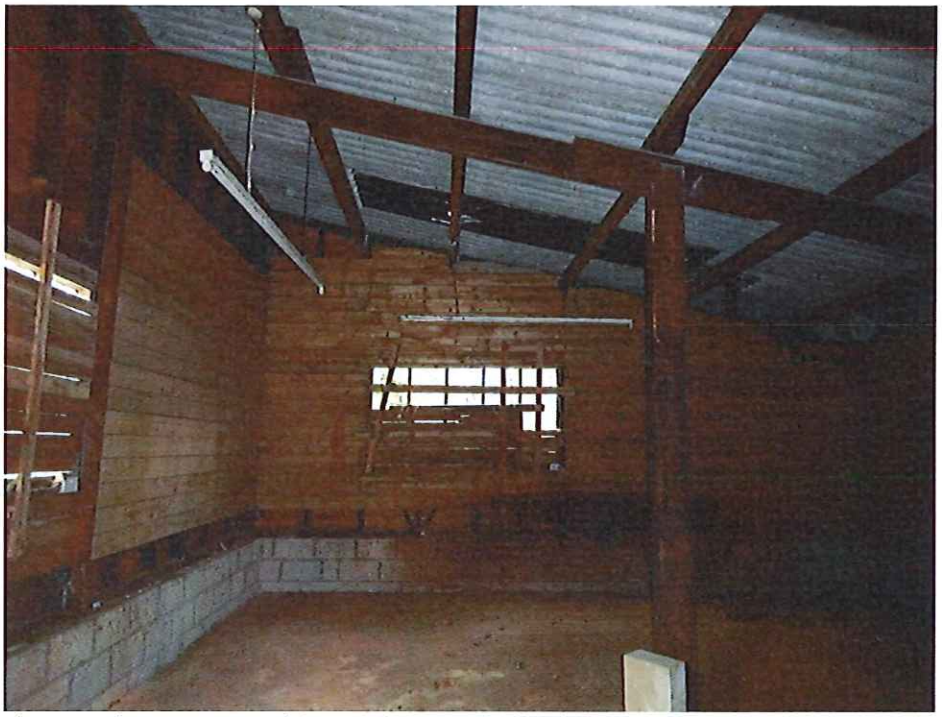
Photograph 4. Interior of the switch room



Photograph 5. Interior of the second compartment in the saw mill

Photograph 6. Exterior of the southern end of building 3

Photograph 7. Interior of the northern end of building 3



Photograph 8. Interior of the southern end of building 3 showing internal boarding

Photograph 9. Area of hard standing to the rear of the saw mill

Photograph 10. Areas of hard standing to the north and west of the saw mill. The wooden sawdust storage tower can be seen on the north side of the saw mill.

Photograph 11. Area of hard standing at the north of building 3. The northern boundary of the site is indicated by the barrier across the forestry track.

Photograph 12. The route of the proposed access track to service the holiday pods

Photograph 13. Potential area for holiday pods

Photograph 14. Potential area for holiday pods

Photograph 15. View into compartment 5a showing the density and poor condition of the Sitka Spruce

Photograph 16. Inside compartment 5a, showing damp ground conditions and the lack of ground flora

Photograph 17. View of southern end of compartment 5a, showing some *Oxalis* and ferns which might re-colonise the compartment if it is opened up through felling.

Photograph 18. Wet woodland adjacent to the PROW.

Photograph 19. Potential location for pond creation

Photograph 20. Subsidiary badger sett

Appendix 2 - Bat Survey

Introduction

As stated in the main report, the buildings on site were assessed as being of low risk of supporting roosting bats. However, the possibility of roosting bats in a small part of building 3 could not be satisfactorily ruled out. Therefore it was recommended that a single emergence survey of that part of the building was carried out. The part of building 3 that could not be satisfactorily ruled out as having the potential to support roosting bats was a small section of larch lap panels on the south east corner of the building.

The wooden sawdust store did not appear to have any suitable gaps that would permit bats to access a roost. However, as a precaution this structure was also included in the emergence survey.

Methodology

Date and weather conditions

The survey took place on 25th May 2016. Wind speed was Beaufort Scale 4, i.e. a moderate breeze, as evidenced by small branches moving at the tops of the trees. However the clearings where the bat survey took place were very sheltered and the wind speed in those areas was considerably reduced. The temperature was around 9°C throughout the survey. The survey started out in dry conditions though with high humidity following rain throughout the day. This changed to a light drizzle by around 21:15hrs which increased to light rain from around 21:30hrs. The light rain persisted for much of the remainder of the survey.

Survey methods

A single surveyor was situated about 5m from building 3 so that they could keep the entire south-east corner of the building under observation for the duration of the survey. This is described as location 1 in the following sections of the report.

A second surveyor was situated about 10m north east of the wooden sawdust store so that they could keep the three sides of the structure that were not attached to the saw mill under observation simultaneously. This is described as location 2 in the following sections of the report.

Both surveyors were equipped with Bat Box Duet bat detectors, set to heterodyne function so that any bat activity could be heard in real time. Anabat frequency division recorders were set up at the base of each building to record any bat calls.

Sunset was at 21:18hrs. The survey commenced at 21:00hrs and continued until 20 minutes after the last bat activity was heard, finishing at 22:30hrs.

Survey constraints

The weather conditions were sub-optimal for bat activity due to the light rain that persisted for much of the survey. Nevertheless the fact that bat activity was recorded throughout almost the entire survey period indicates that conditions were suitable and it was noted that some insects were on the wing.

Survey personnel

The survey was carried out by Ian Bond CEnv MCIEEM and Robert Woods, both of whom hold a Class 2 bat survey licence.

Results

No bats were observed to emerge from either building.

No bats were observed or recorded on either the heterodyne or Anabat detectors at location 1.

A Common Pipistrelle was observed and recorded flying for most of the survey period in the clearing formed by the hard standing area to the north of the sawmill, i.e. location 2. It was first recorded at 21:20hrs, which roughly equates to the point of sunset. It was then observed to be flying continuously in location 2 until 21:38hrs although subsequent analysis of the Anabat data showed that activity continued until 21:41hrs. Activity then ceased both visually and also with the Anabat and heterodyne detectors until 21:44 hrs at which point what appeared to be two separate bats commuting south across location 2 were observed. Common Pipistrelle activity then recommenced in the clearing at location 2 and was continuous until 22:10hrs. At no point was more than a single bat in view at any one time although it is possible that more than one bat was present.

Assessment & conclusions

Although the weather conditions were sub-optimal for bat activity, the occurrence of at least one bat, flying more or less constantly in the survey area for almost an hour indicates that bats would at least be expected to emerge should they have been roosting on the site.

The buildings were assessed as being of low risk for roosting bats in any case and this combined with the fact that no bats emerged during the survey indicates that they are not bat roosts.

Bat activity in the survey area was quite low in terms of the numbers and species of bats. However this is not unexpected as the surrounding woodland is quite dense and so unsuitable for most species of bat to forage in and the two clearings where the buildings are located are of a size whereby they would be expected to support no more than two or three foraging bats in any case.

Common Pipistrelles are by far the commonest bat species in England and they are quite generalist in their choice of foraging areas, regularly using urban habitats with its associated lighting. Consequently the development of this site, even with some increase in lighting levels, is unlikely to have any adverse affect on bats.

Appendix 3. North & East Yorkshire Ecological Data Centre – species records

Data search for species records within 2km radius of site boundary, centred on TA 0042 9583 — NEYEDC, 18/04/2016

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
Bufo bufo	Common Toad	amphibian	North Yorkshire	SE99	neyedc.org.uk	Herpetofauna records from The Naturalist	Unknown	1970 - 1977	
Bufo bufo	Common Toad	amphibian	North Yorkshire	TA09	neyedc.org.uk	Herpetofauna records from The Naturalist	Unknown	1970 - 1977	
Lissotriton helveticus	Palmate Newt	amphibian	Hayburn Wyke	TA009971	neyedc.org.uk	Herpetofauna records from The Naturalist	Unknown	1974	
Lissotriton vulgaris	Smooth Newt	amphibian	Cloughton	TA009945	neyedc.org.uk	Miscellaneous species records (general public)	Lewis, Mark (Mr)	25/10/2011	2 Abundance Adults (Count)
Lissotriton vulgaris	Smooth Newt	amphibian	Cloughton	TA009945	neyedc.org.uk	Miscellaneous species records (general public)	Lewis, Mark (Mr)	29/09/2011	1 Abundance Adults (Count)
Lissotriton vulgaris	Smooth Newt	amphibian	Cloughton [High Street, Cloughton]	TA009945	neyedc.org.uk	Miscellaneous species records (general public)	Langrick, Clare (Mrs)	15/09/2010	1 Abundance Individuals (Count)
Rana temporaria	Common Frog	amphibian	Cloughton Beck Marsh	TA007938	neyedc.org.uk	North Yorkshire SINC survey - 2004 and before	Weston, Andrew (Mr)	19/08/1998	
Rana temporaria	Common Frog	amphibian	North Yorkshire	TA09	neyedc.org.uk	Herpetofauna records from The Naturalist	Unknown	1970 - 1977	
Rana temporaria	Common Frog	amphibian	North Yorkshire	SE99	neyedc.org.uk	Herpetofauna records from The Naturalist	Unknown	1970 - 1977	
Triturus cristatus	Great Crested Newt	amphibian	Cloughton [High Street, Cloughton]	TA009945	neyedc.org.uk	Miscellaneous species records (general public)	Lewis, Mark (Mr)	29/09/2011	1 Abundance Female (Count)
Triturus cristatus	Great Crested Newt	amphibian	Cloughton [High Street, Cloughton]	TA009945	neyedc.org.uk	Miscellaneous species records (general public)	Pickles, Simon	24/03/2010	1 Abundance Individual (Count)
Triturus cristatus	Great Crested Newt	amphibian	Cloughton [High Street, Cloughton]	TA009945	neyedc.org.uk	Miscellaneous species records (general public)	Pickles, Simon	24/03/2010	1 Abundance Female (Count)
Accipiter nisus	Eurasian Sparrowhawk	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Alauda arvensis	Sky Lark	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	10/06/1991	1 Abundance (Count)
Anas platyrhynchos	Mallard	bird	Town Farm Ponds, Cloughton - 24/08/1999	TA011944	neyedc.org.uk	North Yorkshire SINC survey - 2004 and before	Weston, Andrew (Mr)	24/08/1999	
Anas platyrhynchos	Mallard	bird	Scarborough District	TA0093	neyedc.org.uk	Bird records from local ornithological groups	Unknown	02/06/1998	
Anser anser	Greylag Goose	bird	Wykeham Forest	SE99S	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	20/11/1991 - 21/11/1991	1 Abundance (Count)
Caprimulgus europaeus	European Nightjar	bird	Scarborough District	SE980961	neyedc.org.uk	Bird records from local ornithological groups	Unknown	30/06/1992	
Caprimulgus europaeus	European Nightjar	bird	Scarborough District	SE980963	neyedc.org.uk	Bird records from local ornithological groups	Unknown	30/06/1992	
Caprimulgus europaeus	European Nightjar	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Carduelis cannabina	Common Linnet	bird	Wykeham Forest	SE99S	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	10/06/1991 - 11/06/1991	1 Abundance (Count)
Carduelis carduelis	European Goldfinch	bird	Scarborough District	TA0093	neyedc.org.uk	Bird records from local ornithological groups	Unknown	02/06/1998	
Carduelis carduelis	European Goldfinch	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Carduelis chloris	European Greenfinch	bird	Scarborough District	TA0093	neyedc.org.uk	Bird records from local ornithological groups	Unknown	02/06/1998	
Carduelis flammea	Common Redpoll	bird	Wykeham Forest	SE99S	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	10/06/1991 - 11/06/1991	1 Abundance (Count)

On behalf of INCA — Page 1 of 6 — NEYEDC Ref:E20119

Data search for species records within 2km radius of site boundary, centred on TA 0042 9583 — NEYEDC, 18/04/2016

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
Carduelis flammea	Common Redpoll	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Carduelis spinus	Eurasian Siskin	bird	Scarborough District	TA0093	neyedc.org.uk	Bird records from local ornithological groups	Unknown	28/04/1998	
Carduelis spinus	Eurasian Siskin	bird	Wykeham Forest	SE99S	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	20/11/1991 - 21/11/1991	1 Abundance (Count)
Carduelis spinus	Eurasian Siskin	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Certhia familiaris	Eurasian Treecreeper	bird	Wykeham Forest	SE99S	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	20/11/1991 - 21/11/1991	1 Abundance (Count)
Certhia familiaris	Eurasian Treecreeper	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Cyanistes caeruleus	Blue Tit	bird	Scarborough District	TA0093	neyedc.org.uk	Bird records from local ornithological groups	Unknown	02/06/1998	
Cyanistes caeruleus	Blue Tit	bird	Wykeham Forest	SE99S	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	20/11/1991 - 21/11/1991	1 Abundance (Count)
Delichon urbicum	House Martin	bird	Scarborough District	TA0093	neyedc.org.uk	Bird records from local ornithological groups	Unknown	02/06/1998	
Delichon urbicum	House Martin	bird	Wykeham Forest	SE99S	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	20/11/1991 - 21/11/1991	1 Abundance (Count)
Dendrocopos major	Great Spotted Woodpecker	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Emberiza citrinella	Yellowhammer	bird	Wykeham Forest	SE99S	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	20/11/1991 - 21/11/1991	1 Abundance (Count)
Erithacus rubecula	European Robin	bird	Scarborough District	TA0093	neyedc.org.uk	Bird records from local ornithological groups	Unknown	02/06/1998	
Erithacus rubecula	European Robin	bird	Wykeham Forest	SE99S	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	20/11/1991 - 21/11/1991	1 Abundance (Count)
Erithacus rubecula	European Robin	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Fringilla montifringilla	Brambling	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Gallinula chloropus	Common Moorhen	bird	Town Farm Ponds, Cloughton - 22/06/2005	TA011944	neyedc.org.uk	North Yorkshire SINC survey - 2005	Hammond, Martin (Mr)	22/06/2005	
Gallinula chloropus	Common Moorhen	bird	Town Farm Ponds, Cloughton - 24/08/1999	TA011944	neyedc.org.uk	North Yorkshire SINC survey - 2004 and before	Weston, Andrew (Mr)	24/08/1999	
Hirundo rustica	Barn Swallow	bird	Scarborough District	TA0093	neyedc.org.uk	Bird records from local ornithological groups	Unknown	02/06/1998	
Hirundo rustica	Barn Swallow	bird	Wykeham Forest	SE99S	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	20/11/1991 - 21/11/1991	1 Abundance (Count)
Larus argentatus	Herring Gull	bird	Scarborough District	TA0093	neyedc.org.uk	Bird records from local ornithological groups	Unknown	02/06/1998	
Loxia curvirostra	Common Crossbill	bird	Wykeham Forest	SE99S	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	20/11/1991 - 21/11/1991	1 Abundance (Count)
Loxia curvirostra	Common Crossbill	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Parus major	Great Tit	bird	Scarborough District	TA0093	neyedc.org.uk	Bird records from local ornithological groups	Unknown	28/04/1998	
Parus major	Great Tit	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Passer domesticus	House Sparrow	bird	Scarborough District	TA0093	neyedc.org.uk	Bird records from local ornithological groups	Unknown	02/06/1998	

On behalf of INCA — Page 2 of 6 — NEYEDC Ref:E20119

Data search for species records within 2km radius of site boundary, centred on TA 0042 9583 — NEYEDC, 18/04/2016

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
Periparus ater	Coal Tit	bird	Scarborough District	TA0093	neyedc.org.uk	Bird records from local ornithological groups	Unknown	23/04/1998	
Periparus ater	Coal Tit	bird	Wykeham Forest	SE99S	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	20/11/1991 - 21/11/1991	1 Abundance (Count)
Periparus ater	Coal Tit	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Phylloscopus sibilatrix	Wood Warbler	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Plectrophenax nivalis	Snow Bunting	bird	North Yorkshire	SE99	neyedc.org.uk	Gordon Simpson's bird records	Simpson, Gordon (Mr)	13/11/1967	
Poecile palustris	Marsh Tit	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Prunella modularis	Hedge Accentor	bird	Scarborough District	TA0093	neyedc.org.uk	Bird records from local ornithological groups	Unknown	02/06/1998	
Prunella modularis	Hedge Accentor	bird	Wykeham Forest	SE99S	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	20/11/1991 - 21/11/1991	1 Abundance (Count)
Prunella modularis	Hedge Accentor	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Pyrrhula pyrrhula	Common Bullfinch	bird	Wykeham Forest	SE99S	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	20/11/1991 - 21/11/1991	1 Abundance (Count)
Pyrrhula pyrrhula	Common Bullfinch	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Regulus regulus	Goldcrest	bird	Wykeham Forest	SE99S	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	20/11/1991 - 21/11/1991	1 Abundance (Count)
Regulus regulus	Goldcrest	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Scolopax rusticola	Eurasian Woodcock	bird	Wykeham Forest	SE99S	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	20/11/1991 - 21/11/1991	1 Abundance (Count)
Scolopax rusticola	Eurasian Woodcock	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Sturnus vulgaris	Common Starling	bird	Scarborough District	TA0093	neyedc.org.uk	Bird records from local ornithological groups	Unknown	02/06/1998	
Tringa ochropus	Green Sandpiper	bird	Town Farm Ponds, Claughton - 22/06/2005	TA011944	neyedc.org.uk	North Yorkshire SINC survey - 2005	Hammond, Martin (Mr)	22/06/2005	
Troglodytes troglodytes	Winter Wren	bird	Scarborough District	TA0093	neyedc.org.uk	Bird records from local ornithological groups	Unknown	02/06/1998	
Troglodytes troglodytes	Winter Wren	bird	Wykeham Forest	SE99S	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	20/11/1991 - 21/11/1991	1 Abundance (Count)
Troglodytes troglodytes	Winter Wren	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Turdus philomelos	Song Thrush	bird	Scarborough District	TA0093	neyedc.org.uk	Bird records from local ornithological groups	Unknown	02/06/1998	
Turdus philomelos	Song Thrush	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	10/06/1991	1 Abundance (Count)
Turdus pilaris	Fieldfare	bird	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Pinus sylvestris	Scots Pine	conifer	Goose Dale & Quarry Banks - 19/07/1999	TA005940	neyedc.org.uk	North Yorkshire SINC survey - 2004 and before	Weston, Andrew (Mr)	19/07/1999	L Abundance (DAFOR)
Pinus sylvestris	Scots Pine	conifer	North York Moors	SE9995	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Pinus sylvestris	Scots Pine	conifer	North York Moors	TA0095	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Pinus sylvestris	Scots Pine	conifer	North York Moors	SE9998	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Pinus sylvestris	Scots Pine	conifer	North York Moors	TA0094	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	

Data search for species records within 2km radius of site boundary, centred on TA 0042 9583 — NEYEDC, 18/04/2016

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
Pinus sylvestris	Scots Pine	conifer	North York Moors	SE9994	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Pinus sylvestris	Scots Pine	conifer	North York Moors	TA0098	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Austropotamobius pallipes	Freshwater Crayfish	crustacean	u/s Hanford confluence	SE98209720	neyedc.org.uk	Otter, water vole and crayfish records	Unknown	1994	
Botrychium lunaria	Moonwort	fern	North York Moors	TA0099	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Aconitum napellus	Monk's-hood	flowering plant	North York Moors	TA0095	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Arenaria serpyllifolia	Thyme-Leaved Sandwort	flowering plant	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Brassica oleracea	Wild Cabbage	flowering plant	North York Moors	TA0094	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Cardamine bulbifera	Coralroot	flowering plant	Goose Dale & Quarry Banks - 19/07/1999	TA005940	neyedc.org.uk	North Yorkshire SINC survey - 2004 and before	Weston, Andrew (Mr)	19/07/1999	
Euphorbia exigua	Dwarf Spurge	flowering plant	North York Moors	SE9998	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Galanthus nivalis	Snowdrop	flowering plant	North York Moors	TA0094	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Hyacinthoides non-scripta	Bluebell	flowering plant	North York Moors	SE9996	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Hyacinthoides non-scripta	Bluebell	flowering plant	North York Moors	SE9994	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Hyacinthoides non-scripta	Bluebell	flowering plant	North York Moors	TA0098	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Hyacinthoides non-scripta	Bluebell	flowering plant	North York Moors	TA0094	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Hyacinthoides non-scripta	Bluebell	flowering plant	North York Moors	TA0096	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Hyacinthoides non-scripta	Bluebell	flowering plant	North York Moors	TA0294	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Hyacinthoides non-scripta	Bluebell	flowering plant	North York Moors	SE9898	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Hyacinthoides non-scripta	Bluebell	flowering plant	Wykeham Forest	SE99S	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	20/11/1991 - 21/11/1991	1 Abundance (Count)
Hyacinthoides non-scripta	Bluebell	flowering plant	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Menyanthes trifoliata	Bogbean	flowering plant	North York Moors	TA0098	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Platanthera bifolia	Lesser Butterfly-orchid	flowering plant	North York Moors	TA0096	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Pyrola media	Intermediate Wintergreen	flowering plant	North Yorkshire	SE99	neyedc.org.uk	Gordon Simpson's vascular plant records	Simpson, Gordon (Mr)	16/06/1966	
Spergula arvensis	Corn Spurrey	flowering plant	North York Moors	TA0096	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Spergula arvensis	Corn Spurrey	flowering plant	North York Moors	TA0094	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Spergula arvensis	Corn Spurrey	flowering plant	North York Moors	SE9996	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Spergula arvensis	Corn Spurrey	flowering plant	North York Moors	TA0094	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Spergula arvensis	Corn Spurrey	flowering plant	North York Moors	SE9998	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Spergula arvensis	Corn Spurrey	flowering plant	North York Moors	SE9994	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Spergula arvensis	Corn Spurrey	flowering plant	North York Moors	TA0098	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Tilia platyphyllos	Large-leaved Lime	flowering plant	North York Moors	TA0095	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Viola tricolor	Wild Pansy	flowering plant	North York Moors	SE9894	neyedc.org.uk	North York Moors Plant Atlas	Sykes, Nan	1993	
Erynnis tages	Dingy Skipper	insect - butterfly	Cowgate Slack	SE9797	neyedc.org.uk	North York Moors Forest District Butterfly Records	Auckland, Len (Mr)	18/06/2000	5 Abundance Individual (Count)
Lasiommata megera	Wall	insect - butterfly	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Lagenorhynchus acutus	Atlantic White-sided Dolphin	marine mammal	Long Nab	TA02999360	neyedc.org.uk	Cetacean & shark sightings	Unknown	12/09/1989	

Data search for species records within 2km radius of site boundary, centred on TA 0042 9583 NEYEDC, 18/04/2016

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
Natrix natrix	Grass Snake	reptile	Longhorn Wyke	TA09	neyedc.org.uk	Herpetofauna records from The Naturalist	Webb	1974	
Vipera berus	Adder	reptile	Hayburn Wyke	TA0097	neyedc.org.uk	NYMNP Ranger Service Reptile Records	Holmes	Jun-03	1 Abundance Individual (Count)
Vipera berus	Adder	reptile	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Zootoca vivipara	Common Lizard	reptile	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Arvicola amphibius	European Water Vole	terrestrial mammal	Old Mill, Cloughton	TA009937	neyedc.org.uk	Yorkshire water vole records (positive)	Woodcock, Gordon	29/06/1996	
Arvicola amphibius	European Water Vole	terrestrial mammal	Old Mill, Cloughton	TA009937	neyedc.org.uk	Environment Agency crayfish/ water voles/ mussels	Unknown	29/06/1996	
Arvicola amphibius	European Water Vole	terrestrial mammal	The Old Mill	TA009937	neyedc.org.uk	Otters, Mink & Water Voles in the Upper Derwent & Scalby Beck (positive records)	Winter, Laura	1996	
Arvicola amphibius	European Water Vole	terrestrial mammal	Old Mill, Cloughton	TA009937	neyedc.org.uk	Environment Agency crayfish/ water voles/ mussels	Unknown	1975	
Arvicola amphibius	European Water Vole	terrestrial mammal	Cow Wath Beck	TA09	neyedc.org.uk	Yorkshire water vole records (positive)	Unknown	1975	
Arvicola amphibius	European Water Vole	terrestrial mammal	Old Mill, Cloughton	TA009937	neyedc.org.uk	Yorkshire water vole records (positive)	Unknown	1975	
Arvicola amphibius	European Water Vole	terrestrial mammal	Cow Wath Beck	TA09	neyedc.org.uk	Yorkshire water vole records (positive)	Unknown	Jul-74	
Arvicola amphibius	European Water Vole	terrestrial mammal	Pickerings Farm	TA09	neyedc.org.uk	Yorkshire water vole records (positive)	Unknown	20/04/1974	
Arvicola amphibius	European Water Vole	terrestrial mammal	Old Mill, Cloughton	TA009937	neyedc.org.uk	Environment Agency crayfish/ water voles/ mussels	Unknown	1973	
Arvicola amphibius	European Water Vole	terrestrial mammal	Burniston Beck	TA0093	neyedc.org.uk	Yorkshire water vole records (positive)	Unknown	1973	
Arvicola amphibius	European Water Vole	terrestrial mammal	Old Mill, Cloughton	TA009937	neyedc.org.uk	Yorkshire water vole records (positive)	Unknown	1973	
Erinaceus europaeus	West European Hedgehog	terrestrial mammal	Low row	SE992977	neyedc.org.uk	John Newbould's Yorkshire Records	Newbould, John	22/06/2014	
Erinaceus europaeus	West European Hedgehog	terrestrial mammal	Low row	SE992977	neyedc.org.uk	John Newbould's Yorkshire Records	Newbould, John	22/06/2014	1 Abundance (Count)
Lepus europaeus	Brown Hare	terrestrial mammal	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Lutra lutra	European Otter	terrestrial mammal	Cloughton Beck, North of Scarborough, Scarborough	TA0094	neyedc.org.uk	Water for Wildlife Project	Unknown (YOARP)	10/09/1999	
Lutra lutra	European Otter	terrestrial mammal	Cloughton Beck, North of Scarborough, Scarborough	TA0094	neyedc.org.uk	Water for Wildlife Project	Unknown (YOARP)	10/09/1999	
Lutra lutra	European Otter	terrestrial mammal	The Old Mill	TA009937	neyedc.org.uk	Otters, Mink & Water Voles in the Upper Derwent & Scalby Beck (positive records)	Winter, Laura	09/1999 - 09/1999	
Lutra lutra	European Otter	terrestrial mammal	The Old Mill	TA009937	neyedc.org.uk	Otters, Mink & Water Voles in the Upper Derwent & Scalby Beck (positive records)	Winter, Laura	1997	
Lutra lutra	European Otter	terrestrial mammal	Cow Wath Beck, Nr Scarborough, Scarborough	TA09	neyedc.org.uk	Water for Wildlife Project	Volunteer (YOAT)	29/06/1996	
Lutra lutra	European Otter	terrestrial mammal	The Old Mill	TA009937	neyedc.org.uk	Otters, Mink & Water Voles in the Upper Derwent & Scalby Beck (positive records)	Winter, Laura	1996	

Data search for species records within 2km radius of site boundary, centred on TA 0042 9583 NEYEDC, 18/04/2016

Scientific Name	Common Name	Taxonomic group	Location	Grid Reference	Custodian	Survey	Recorder	Dated	Measurement
Lutra lutra	European Otter	terrestrial mammal	The Old Mill	TA009937	neyedc.org.uk	Otters, Mink & Water Voles in the Upper Derwent & Scalby Beck (positive records)	Winter, Laura	1995	
Lutra lutra	European Otter	terrestrial mammal	The Old Mill	TA00909370	neyedc.org.uk	Otter, water vole and crayfish records	Unknown	1995	
Lutra lutra	European Otter	terrestrial mammal	The Old Mill	TA009937	neyedc.org.uk	Otters, Mink & Water Voles in the Upper Derwent & Scalby Beck (positive records)	Winter, Laura	1994	
Lutra lutra	European Otter	terrestrial mammal	Scalby Beck, Scalby	TA09	neyedc.org.uk	Water for Wildlife Project	Unknown (YOARP)	01/06/1993	
Lutra lutra	European Otter	terrestrial mammal	Scalby Beck, Scalby	TA09	neyedc.org.uk	Water for Wildlife Project	Unknown (YOARP)	01/06/1993	
Lutra lutra	European Otter	terrestrial mammal	The Old Mill	TA009937	neyedc.org.uk	Otters, Mink & Water Voles in the Upper Derwent & Scalby Beck (positive records)	Winter, Laura	1993	
Lutra lutra	European Otter	terrestrial mammal	The Old Mill	TA009937	neyedc.org.uk	Otters, Mink & Water Voles in the Upper Derwent & Scalby Beck (positive records)	Winter, Laura	1992	
Meles meles	Eurasian Badger	terrestrial mammal	A171, Wayside Farm	SE97689767	neyedc.org.uk	Yorkshire Mammal Group records	Mortimer, James (Mr)	29/05/2003	
Meles meles	Eurasian Badger	terrestrial mammal	Cloughton	TA002962	neyedc.org.uk	Yorkshire Mammal Group records	Thorpe, Jean	01/05/2000	
Meles meles	Eurasian Badger	terrestrial mammal	Harwood Dale	SE978950	neyedc.org.uk	Yorkshire Mammal Group records	Thorpe, Jean	22/04/2000	1 Abundance Male (Count)
Meles meles	Eurasian Badger	terrestrial mammal	Ober Hill, Cloughton	TA021965	neyedc.org.uk	Yorkshire Mammal Group records	Thompson, Michael	27/02/2000	
Meles meles	Eurasian Badger	terrestrial mammal	Hayburn Wyke	TA002976	neyedc.org.uk	Yorkshire Mammal Group records	Oxford, Geoff	23/10/1997	
Meles meles	Eurasian Badger	terrestrial mammal	North of Cloughton Wyke	TA017960	neyedc.org.uk	Yorkshire Mammal Group records	Oxford, Geoff	23/10/1997	
Meles meles	Eurasian Badger	terrestrial mammal	Wykeham Forest	SE99R	neyedc.org.uk	North York Moors Forest Survey	Simpson, Gordon (Mr)	15/11/1990 - 21/11/1990	1 Abundance (Count)
Micromys minutus	Harvest Mouse	terrestrial mammal	North of Cloughton Wyke	TA017960	neyedc.org.uk	Yorkshire Mammal Group records	Oxford, Geoff	23/10/1997	
Pipistrellus	Pipistrellus	terrestrial mammal	Yorkshire	TA09	neyedc.org.uk	Bat records from The Naturalist	Unknown	1979 - 1989	
Pipistrellus	Pipistrellus	terrestrial mammal	Yorkshire	SE99	neyedc.org.uk	Bat records from The Naturalist	Unknown	1979 - 1989	