



Leigh Ecology Ltd

Protected Species and Habitat Surveys

Land off Holt Road,
Glyndwr University,
Wrexham.

On behalf of Bellway Homes

Extended Phase One Report

Report number: WREX/001

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The advice contained in this report is based on the information available and/or collected during the period of study. We cannot completely eliminate the possibility of important ecological features being found through further investigation and/or by survey at different times of the year or in different years.

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Source: CONFOD

1 Executive summary

- 1.1 Leigh Ecology Ltd was commissioned to undertake an Extended Phase 1 survey of a large parcel of land off Holt Road, Wrexham.
- 1.2 The site predominantly comprises two differing grassland habitats, amenity and poor-semi-improved grassland. The two sections of the site are separated by a metal fence which. Several small patches of bare ground/stone were noted across the semi-improved grassland section of the site.
- 1.3 The proposed development will see a large housing development built on site, accompanied by associated infrastructure.
- 1.4 Several small broad-leaved woodland areas are found enveloped within several boundaries of the site, as well as many patches of dense scrub habitat. The site boundaries comprise differing type of fence, including wood, stone and metal, with adjacent amenity features or scrub.
- 1.5 The trees on site offer negligible bat roost potential; the bordering hedgerows that feature along the western border offer ideal bird nesting habitat.
- 1.6 No areas of key ecological interest were recorded within the development site.
- 1.7 No notable ponds occur within 250m from the proposed site.
- 1.8 Although proposals don't state any specific vegetation clearance, **any potential vegetation clearance should be undertaken outside of the bird-nesting season, March – August.**
- 1.9 It is recommended that an overall Ecological Mitigation Strategy, including the landscape design and avoidance measures on protected species and checks for invasive species be prepared for the proposed development of the site. This would ensure that potential impacts are minimised and that enhancements are provided, as deemed appropriate.

2 Introduction

Background

- 2.1 Leigh Ecology Ltd was commissioned by Bellway Homes to undertake an extended Phase one survey on a parcel of land off Holt Road, Wrexham; refer to redline boundary shown on **Figure 1** below.
- 2.2 Sites of biodiversity conservation value, habitats and species in UK and Local Biodiversity Action Plans (BAPS) and protected species are material considerations in the planning process (Department for Communities and Local Government. 2012).
- 2.3 The study is documented in this report and includes the following:
1. Preliminary ecological baseline for the site;
 2. Protected mammals' assessment of the site;
 3. Potential ecological constraints to the development of the site; and
 4. Further ecological work necessary for a planning submission.
- 2.4 All Work was undertaken in accordance with the Chartered Institute of Ecology and Environmental Management's (CIEEM) Code of Practice.



Figure 1; Site Location.

Legislation and Planning Policy

2.5 General

Articles of British wildlife and countryside legislation, policy guidance and both Local and National Biodiversity Action Plans (BAPs) are referred to throughout this report. Their context and application are explained in the relevant sections of this report. The relevant articles of legislation are:

- Planning Policy Wales (8th Ed. January 2016)
- Technical Advice Note 5 (TAN5) Nature Conservation and Planning 2009
- Local planning policies (Wrexham City Council).
- The Conservation of Habitats and Species Regulations 2017.
- The Wildlife and Countryside Act 1981 (as amended).
- EC Council Directive on the Conservation of Wild Birds 79/409/EEC.
- National Parks and Access to the Countryside Act 1949.
- The Protection of Badgers Act 1992.
- The Countryside and Rights of Way Act 2000.
- The Hedgerow Regulations 1997.
- The Natural Environment and Rural Communities Act 2006; and
- Local Biodiversity Action Plan for Wrexham.

Sites of biodiversity conservation value, habitats and species in UK and Local Biodiversity Action Plans (BAPS) and protected species are material considerations in the planning process Habitat Regulations 2017 and the Environment (Wales) Act 2016.

Under the National Planning Policy Framework 2018, the presence of any protected species is a material planning consideration. The Framework states that impacts arising from development proposals must be avoided where possible or adequately mitigated/compensated for and that opportunities for ecological enhancement should be sought.

2.6 Great Crested Newt (GCN)

GCN are fully protected under Schedule 2 of the Conservation of Species and Habitats Regulations (2010) and Schedule 5 of the Wildlife and Countryside Act 1981 (as amended).

Combined, these acts make it an offence to:

- Kill, injure or take a great crested newt (or attempt to);
- Destroy any place where they live or breed;
- Damage any one of the above places (or any part of it);
- Obstruct access to these places;
- Disturb a great crested newt in any place it uses for shelter;
- Disturb the species such that it affects its ability to hibernate or migrate;
- Sell/exchange (or offer for sale/exchange) any part of a great crested newt, live or dead.

Offences can be deliberate, intentional or reckless and penalties for any of the above include fines of up to £5k and imprisonment of up to 6 months, per animal affected.

At the local level, the site falls within the area covered by the Wrexham Biodiversity Action Plan (WBAP), in which GCN are identified as a Priority Species. GCN are also listed in Section 41 of the NERC Act 2006 as Species of Principal Importance; national objectives and targets include the maintenance of the geographical range and viability of existing great crested newt populations to ensure that it remains in favourable conservation status.

Under the NPPF the presence of a protected species such as GCN is a material planning consideration.

The Framework states that impacts on protected species arising from development proposals must be avoided where possible or adequately mitigated for and that opportunities for ecological enhancement should be sought.

2.7 **Bats**

All UK species of British bats are fully protected under The Conservation of Habitats and Species Regulations 2017 (as amended). The Regulations prohibit:

- Intentionally, recklessly or deliberately kill, injure or take a bat;
- The deliberate disturbance of any bat species in such a way as to be significantly likely to affect:
 - Their ability of to survive, hibernate, migrate, breed, or rear or nurture their young; or;

- The local distribution or abundance of that species.
- Damage or destruction of a breeding site or resting place (roost);
- The possession or transport of bats or any other part of.

Bats are also protected under the Wildlife and Countryside Act 1981 (as amended) through their inclusion in Schedule 5. Under the Act, they are protected from:

- Intentional or reckless disturbance (at any level);
- Obstruction of access to any place of shelter, breeding or rest;
- Selling, bartering or exchange of these species, or parts of.

Seven British bat species are listed as Species of Principal Importance (SPI) under the Natural Environment and Rural Communities (NERC) Act 2006. These are barbastelle *Barbastelle barbastellus*, Bechstein's *Myotis bechsteinii*, noctule *Nyctalus noctula*, soprano pipistrelle *Pipistrellus pygmaeus*, brown long-eared *Plecotus auritus*, greater horseshoe *Rhinolophus ferrumequinum* and lesser horseshoe *Rhinolophus hipposideros*.

2.8 **Badger**

Badgers are protected under the Protection of Badgers Act 1992. This act is based on the need to protect badgers from baiting and deliberate harm or injury.

The act makes it an offence to:

- Willfully kill, injure, take, possess or cruelly ill-treat a badger, or attempt to do so;
- Intentionally or recklessly interfere with a sett. Sett interference includes disturbing badgers whilst they are occupying a sett, as well as damaging or destroying a sett or obstructing access routes.

A sett is defined as “any structure or place that displays signs indicating current use by a badger”.

2.9 **Birds**

The Wildlife & Countryside Act 1981 (as amended) protects wild birds, their nests and young. The Act makes it an offence to intentionally or recklessly kill, injure or take any wild bird, or damage or destroy the nest whilst being built or in use, or the eggs of breeding birds. Species listed on Schedule 1 of the Act, including barn owl, are further protected to include the intentional or reckless disturbance of birds.

3 Methodology

- 3.1 A preliminary understanding of the ecological baseline of the development site (hereafter referred to as 'the site') was derived through desk study and site survey.

Desk study

- 3.2 Biodiversity information was requested for a study area inclusive of the site and a 1km buffer around the site from Cofnod - North Wales Environmental Information Service (the local biodiversity records center serving Wrexham). Information requested included the location and details of the following:

- Designated sites of nature conservation value (statutory and non-statutory); and
- Previous records of protected and/or notable species, including UK Biodiversity Action Plan and Local Biodiversity Action Plan (UK BAP) priority species.

- 3.3 Information was also obtained from the following websites:

- www.magic.gov.uk – information on protected sites up to 1 km from the site.

Site survey

- 3.4 An Ecological Assessment was undertaken on 6th April 2022 following Joint Nature Conservation Committee (JNCC) methodology (2010). This identified the habitat types on the site and the presence/absence of protected/notable species¹. The results of the survey are detailed on a Phase 1 Habitat plan; refer to **Appendix 1**. Target notes were used to identify specific features of ecological interest; refer to **Appendix 2**.
- 3.5 Water bodies within 250m of the site were also identified from Ordnance Survey (OS) maps and through aerial photography.

¹ Notable species are those which hold a specific conservation status e.g., Biodiversity Action Plan Priority Species, IUCN Red Data Species etc. Some notable species may also be legally protected.

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Bat Surveys

Trees Inspection

- 3.6 As tree roosts are extremely difficult to locate, it is prudent to note all potential roost entrances, cracks, cavities, woodpecker holes, fissures, in order to undertake emergence surveys should there be an impact on the trees.

Bird Surveys

- 3.7 Habitats that may contain bird nests were checked for current and historic nests and breeding activity. Bird activity occurring on site was also noted.

Protected Mammal Surveys

- 3.8 The site hedgerows and linear features were checked for feeding signs, prints, trails, droppings, holes etc. for species including badger *Meles meles*.

4 Results

Desk study

- 4.1 No designated sites of nature conservation value were identified within the 1KM area.

Statutory Designations

- 4.2 No statutory designated sites (e.g., Special Protection Areas (SPA), Special Areas of Conservation (SAC) Sites of Special Scientific Interest (SSSI) or, Ramsar Sites) were identified within the proposed development site or within a 1km radius of the site boundary.

Non-Statutory Designations

- 4.3 Information is supplied from Cofnod and the Multi Agency Geographic Information for the Countryside (MAGIC).
- 4.4 There are no statutory and non-statutory sites located within the 1km record search from the proposal site.

Previous records of protected/notable species

- 4.5 Very few protected/notable species have been recorded within the study area; none of these records were from within the site boundary itself. Previous records are summarised in the species accounts below and are listed in **Appendix 3**.

Plants

- 4.6 A single record of Japanese Knotweed was identified within the site from a previous PEA report, written by RPS in July 2017.
- 4.7 The location of the Japanese Knotweed was identified, and between the initial survey and the time of this survey, this Japanese Knotweed had been successfully removed.

Invertebrates

- 4.8 No protected/notable invertebrate species have been recorded within the proposed site.
- 4.9 The nearest butterfly/moth sighting was over 440m north west of site.

Amphibians

- 4.10 No records for any amphibian species were returned within the buffer zone.
- 4.11 Two records of GCN were noted 300m east of the site, separated by dense residential habitat.

Reptiles

- 4.12 No Records for reptile species were returned by Cofnod.

Birds

- 4.13 The dataset provided by Cofnod identified records of a number of bird species, including species protected under Schedule 1 of the Wildlife and Countryside Act (WCA) 1981, species listed on the UK Biodiversity Action Plan (UKBAP) species.
- 4.14 No bird species records were specifically returned from within the proposed site, however; it must be noted that **a number of notable species that may utilise the habitat within the proposed site did occur within the 1km search area.** These included house sparrow *passer domesticus*, song thrush *Turdus philomelos*, skylark *Alauda arvensis*, starling *Sturnus vulgaris* swallow *Hirundo rustica*, and Dunnock *Prunella modularis*.

Mammals

- 4.15 The dataset provided by Cofnod included no mammal records from the proposal site.
- 4.16 Seven differing hedgehog sightings were noted within the residential area north and east of the subject site.
- 4.17 Four Separate records of differing bat species were recorded within 200m of the site. The sites bordering hedgerows and woodland features offer ideal bat foraging habitat in a relatively sparse area.

Site survey

Habitats within the survey area

- 4.18 The location of the habitats within the survey area are shown in **Appendix 1**, which should be read together with the accompanying Target Notes (TNs); refer to **Appendix 2** and Photographs within the text. Habitat descriptions are provided below; plant species are referred to using their English names.

- 4.19 The following paragraphs describe the habitats within the proposed site, providing a basic description of the most dominant habitats occurring.
- 4.20 The target site is a parcel of predominantly semi-improved grassland, which was formerly amenity grassland which has not been maintained. Species include Perennial Ryegrass, Red Fescue, Smooth Stalked Meadow grass. A metal fence separates this semi-improved grassland patch from the amenity grassland habitat found on site.
- 4.21 The approximate site grid reference is **SJ 350514**.
- 4.22 The proposed site will see a housing development and associated infrastructure built within the boundary.



Photograph 1: A view toward the south-eastern boundary of the site. Strips of dense scrub and small trees lie adjacent to the boundary.



Photograph 2: A view of the parcel of amenity grassland on site. This land was previously used as a sports field.



Photograph 3: A further view of the south-eastern boundary. Bramble scrub habitat dominates this border, with several differing species of bird such as blue tit, blackbird and house sparrow noted during the survey.



Photograph 4: Several strands of Japanese Knotweed were identified within a previous PEA report (RPS, 2017). The Japanese Knotweed and associated scrub habitat have since been removed, and no further Japanese knotweed was noted throughout the site during the visit.



Photograph 5: The south-eastern corner of the site comprises differing hard boundaries including wooden, stone and metal fences.



Photograph 6: A view across the semi-improved grassland section of the site.



Photograph 7: Boundaries differ along the eastern boundary of the semi-improved grassland section. This dense hedgerow separates the site from adjacent dwellings.



Photograph 8: Small patches of bare ground are dotted around the site. These patches offer ideal ground to identify mammal signs.



Photograph 9: Fox faeces found on site.



Photograph 10: The north-western border of the site comprises wooden fencing. Amenity features such as planted bushes and scrub habitat also feature adjacent to the boundary.



Photograph 11: Several mammal tracks are found across the semi-improved grassland section of the site (seen on the map in **Appendix 1**).



Photograph 12: Along the northern border of the site, several dense hedges feature, acting as the site boundary. These hedges offer ideal bird nesting habitat.



Photograph 13: The north-western border features dense hedge row. Again, offering ideal bird nesting habitat.

Site Boundaries

- 4.23 Species rich hedgerow is found along the northern border of the site. The southern and eastern borders comprise hard materials such as wood, stone or metal. Planted amenity features including hedgerow and scrub habitat are adjacent to most of the site boundaries.

Surrounding habitats

- 4.24 The site is set within a dense residential area, with dwellings backing onto the site to the north and partially the west and eastern border.

Protected and notable species

Invertebrates

- 4.25 No notable invertebrate species were recorded.
- 4.26 It is possible that some of the commoner moth and butterfly species may frequent the site within small parcels of ruderal vegetation and scrub.

Amphibians

- 4.27 Great crested newts are protected by Schedule 2 of the Convention of Habitats and Species Regulations (2010) and Schedule 5 of the Wildlife and Countryside Act (1981, as amended), which provide protection to both the individuals and the areas they use for rest, shelter or breeding. Great crested newts are also a UK BAP priority species.
- 4.28 The desktop study and site survey identified no ponds within 250m of the proposal site.
- 4.29 Two recordings of GCN were noted around 300m east of the site; however, given that they are beyond an urban barrier, these records are of no particular concern.

Reptiles

- 4.30 A small debris pile is found within the southern border of the site. The pile offers potential habitat for reptile species, but the site is thought to be cut off from any possible reptile migration to site.



Photograph 14: A debris pile on site.

Birds

- 4.31 The site provides suitable nesting and foraging habitat (e.g., dense hedgerows for a range of bird species, including UK BAP species such as Dunnock, song thrush, starling and house sparrow.

Bats

- 4.32 The trees found along the southern/south-eastern border do not offer any ideal entry points in the form of holes, fissures or woodpecker holes beneath the ivy.
- 4.33 Several records of differing bat species were identified via the desk study undertaken within 150m of the site. The site offers some ideal bat foraging habitat along the south-eastern and eastern border.

Badgers

- 4.34 No signs or recordings of badger were noted within the buffer zone.

Other mammals

- 4.35 The proposed site provides suitable habitat for hedgehog *Erinaceus europaeus* and for other mammal species such as grey squirrel *Sciurus carolinensis*, fox *Vulpes vulpes*, rabbit *Lepus curpaeums* and small mammals such as voles and mice.
- 4.36 Several instances of Fox faeces were identified and it is thought that fox often frequent the site. Several recordings of hedgehog were identified within 150m of the site from the desk study.

5 Constraints and Recommendations

- 5.1 The proposed development (within the red line site boundary as shown in Figure 1) will consist of a large-scale housing development, as well as the associated infrastructure.
- 5.2 Construction and post construction impacts are therefore possible upon both the habitats and species within and immediately adjacent to the site. Ecological constraints and recommendations with regard to any development of the site are discussed below.

Designated sites

- 5.3 No designated sites occur within 1km of the proposal site.

Habitats

- 5.4 The semi-improved grassland will be lost prior to construction of the dwelling.
- 5.5 Plans for bordering hedgerow, amenity features and scrub habitat have not yet been provided, but it is recommended that they are maintained as much as possible. Any clearance of aforementioned features should be undertaken outside of the bird nesting season (March-August).
- 5.6 There is the potential for some of the habitats on site to support protected species; this is discussed below.
- 5.7 It is proposed, that prior to the site clearance a survey for invasive species is undertaken by a competent ecologist. If any invasive species are found, a programme of removal and disposal is undertaken following the latest NRW guidance.

Protected species

Reptiles

- 5.8 The proposal site offers very few features suitable for reptiles. The debris pile found within the semi-improved section is suitable, but the site is closed off from any potential routes for reptiles to gain access.

Amphibians

- 5.9 No water bodies are present on, or immediately adjacent to the site.

- 5.10 Furthermore, on site habitats are considered to be of low quality for protected amphibian species such as GCN, comprising predominantly short semi-improved grassland, due to the site being cut off from water bodies or potential features to entice amphibians.

Birds

- 5.11 **The potential of the site for bird species is regarded as important**, due to the site's location to adjacent residential habitat, common garden species of bird will frequently visit.
- 5.12 Nesting birds are protected under The Wildlife and Countryside Act 1981 (and amendments) and it would be an offence to damage or destroy a nest or otherwise disturb a nesting bird.
- 5.13 Specific proposal plans for bordering hedgerows have not yet been provided, but **if they include the removal of any scrub, hedgerow or amenity bushes, this should be undertaken outside of the bird nesting season (March-August).**
- 5.14 Should this not be possible, a pre-works check by a qualified ecologist should be undertaken to ensure that nesting birds are absent.
- 5.15 Subsequent replacement of lost habitat should then be implemented, using similar species of tree and hedgerow to enhance the local bird population.

Bats

- 5.16 All bat roosts are fully protected under the Wildlife and Countryside Act 1981 (and amendments) and The Conservation of Habitats and Species Regulations 2010, which defines these animals as European Protected Species.
- 5.17 An offence would be committed if roosts, whether occupied or not, were destroyed, damaged or obstructed, or if bats themselves were harmed or disturbed.
- 5.18 The trees within the site provide little opportunity for roosting bats.
- 5.19 Foraging habitat could be provided by the hedgerows for bats as navigational flight lines, which

,
could potentially hold some importance for colonies of roosting bats that may be near the site.

Badger

5.19 No signs of previous or active badger activity were noted on site.

Other mammals

5.20 Hedgehog and fox will likely frequent the site, but due to the suitable environment within the immediate surrounding area for these species, it is thought to be of little concern.

Summary

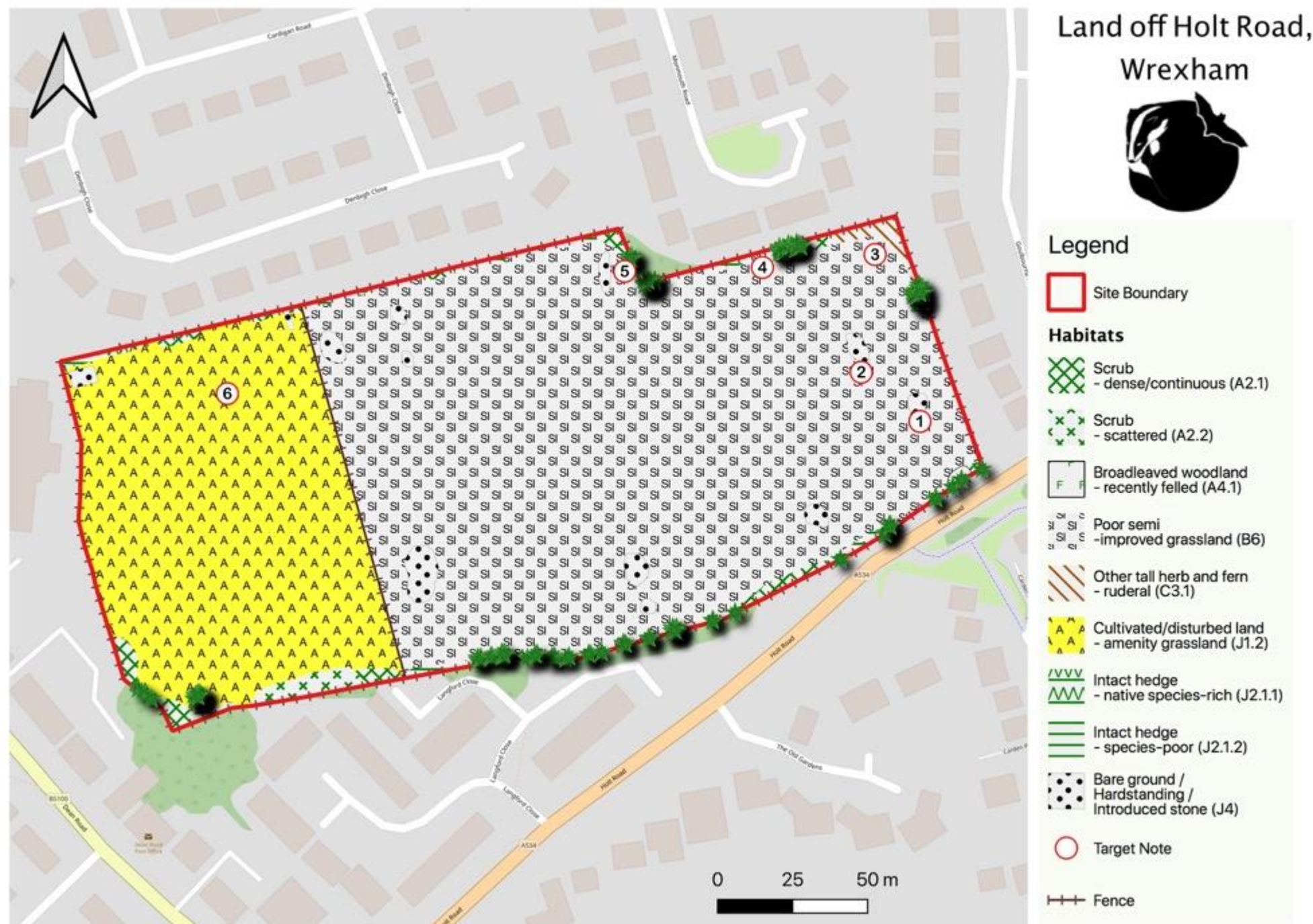
5.21 Based on the above information, it is recommended that the proposal plans can go ahead; the only constraint being that any removal of bordering hedgerow, scrub or amenity features should be undertaken outside the bird nesting season (March-August)

5.22 Where possible, hedges and mature trees should be retained. Additional planting of native trees could be incorporated within the proposed site and along the southern and northern perimeter.

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Appendix 1: Phase 1 Habitat Map



Appendix 2: Target Notes

Target Note Number	Target Note
1	Mammal Track
2	Faeces
3	Debris Pile
4	Stick/wood Pile
5	Mammal Track
6	Mole Hills

APPENDIX 2

Raw Data- Category 1 Species within 1KM

113	Chiroptera		Bat	Ystlum	Terrestrial Mammal
162	Pipistrellus pipistrellus	sensu stricto	Common Pipistrelle		Terrestrial Mammal
249	Erinaceus europaeus		Hedgehog	Draenog	Terrestrial Mammal
262	Hyacinthoides non-scripta		Bluebell	Clychau'r Gog	Flowering Plant
263	Myotis		Myotis Bat species		Terrestrial Mammal
263	Pipistrellus pipistrellus	sensu stricto	Common Pipistrelle		Terrestrial Mammal
288	Erinaceus europaeus		Hedgehog	Draenog	Terrestrial Mammal
317	Acanthis cabaret		Lesser Redpoll		Bird
317	Chroicocephalus ridibundus		Black-headed Gull	Gwylanod Penddu	Bird
317	Larus argentatus		Herring Gull	Gwylanod y Penwaig	Bird
317	Linaria cannabina		Linnet	Llinosiaid	Bird
317	Passer domesticus		House Sparrow	Aderyn y To	Bird
317	Prunella modularis		Dunnock	Llwyd y Gwrych	Bird
317	Sturnus vulgaris		Starling	Drudwen	Bird
317	Troglodytes troglodytes		Wren	Dryw	Bird
317	Turdus iliacus		Redwing	Coch Dan Adain	Bird
317	Turdus philomelos		Song Thrush	Bronfraith	Bird
317	Turdus pilaris		Fieldfare	Socan Eira	Bird
333	Chiroptera		Bat	Ystlum	Terrestrial Mammal
377	Pipistrellus pipistrellus	sensu stricto	Common Pipistrelle		Terrestrial Mammal
390	Plecotus auritus		Brown Long-eared Bat	Ystlum Hirglust	Terrestrial Mammal
395	Erinaceus europaeus		Hedgehog	Draenog	Terrestrial Mammal
415	Erinaceus europaeus		Hedgehog	Draenog	Terrestrial Mammal
474	Erinaceus europaeus		Hedgehog	Draenog	Terrestrial Mammal
474	Erinaceus europaeus		Hedgehog	Draenog	Terrestrial Mammal
528	Meles meles		Badger	Mochyn Daear	Terrestrial Mammal
548	Erinaceus europaeus		Hedgehog	Draenog	Terrestrial Mammal
554	Pipistrellus pipistrellus	sensu stricto	Common Pipistrelle		Terrestrial Mammal
596	Meles meles		Badger	Mochyn Daear	Terrestrial Mammal
597	Erinaceus europaeus		Hedgehog	Draenog	Terrestrial Mammal
598	Lissotriton helveticus		Palmate Newt	Madfall Ddwr Balfog	Amphibian

598	Lissotriton vulgaris	Smooth Newt	Madfallod Dwr Cyffredin	Amphibian
598	Triturus cristatus	Great Crested Newt	Madfallod Dwr Cribog	Amphibian
600	Triturus cristatus	Great Crested Newt	Madfallod Dwr Cribog	Amphibian
638	Erinaceus europaeus	Hedgehog	Draenog	Terrestrial Mammal
646	Meles meles	Badger	Mochyn Daeare	Terrestrial Mammal
651	Triturus cristatus	Great Crested Newt	Madfallod Dwr Cribog	Amphibian
666	Erinaceus europaeus	Hedgehog	Draenog	Terrestrial Mammal
690	Acanthis cabaret	Lesser Redpoll		Bird
690	Accipiter gentilis	Goshawk	Gweilch Marthin	Bird
690	Alauda arvensis	Skylark	Ehedydd	Bird
690	Alcedo atthis	Kingfisher	Glas y Dorlan	Bird
690	Bufo bufo	Common Toad	Llyffant Dafadennog	Amphibian
690	Cerastium fontanum	Common Mouse-ear	Clust-y-Llygoden Gulddail	Flowering Plant
690	Chroicocephalus ridibundus	Black-headed Gull	Gwylanod Penddu	Bird
690	Dryobates minor	Lesser Spotted Woodpecker	Cnocellau Brith Lleiaf	Bird
690	Emberiza schoeniclus	Reed Bunting	Bras y Cyrs	Bird
690	Erinaceus europaeus	Hedgehog	Draenog	Terrestrial Mammal
690	Falco peregrinus	Peregrine	Hebog Tramor	Bird
690	Falco subbuteo	Hobby	Hebogiaid yr Ehedydd	Bird
690	Falco tinnunculus	Kestrel	Cudyll Coch	Bird
690	Fringilla montifringilla	Brambling	Pincod y Mynydd	Bird
690	Hyacinthoides non-scripta	Bluebell	Clychau'r Gog	Flowering Plant
690	Larus argentatus	Herring Gull	Gwylanod y Penwaig	Bird
690	Numenius phaeopus	Whimbrel	Coegylfinir	Bird
690	Passer domesticus	House Sparrow	Aderyn y To	Bird
690	Prunella modularis	Dunnock	Llwyd y Gwrych	Bird
690	Pyrrhula pyrrhula	Bullfinch	Coch y Berllan	Bird
690	Rana temporaria	Common Frog	Brogaod	Amphibian
690	Sturnus vulgaris	Starling	Drudwen	Bird
690	Troglodytes troglodytes	Wren	Dryw	Bird
690	Turdus iliacus	Redwing	Coch Dan Adain	Bird
690	Turdus philomelos	Song Thrush	Bronfraith	Bird
690	Turdus pilaris	Fieldfare	Socan Eira	Bird
762	Tyto alba	Barn Owl	Tylluan Wen	Bird
770	Chiroptera	Bat	Ystlum	Terrestrial Mammal

797	Lissotriton			Amphibian
797	Lissotriton vulgaris	Smooth Newt	Madfallod Dwr Cyffredin	Amphibian
799	Falco tinnunculus	Kestrel	Cudyll Coch	Bird
814	Prunella modularis	Dunnock	Llwyd y Gwrych	Bird
816	Cerastium fontanum	Common Mouse-ear	Clust-y-Llygoden Gulddail	Flowering Plant
819	Lissotriton			Amphibian
819	Meles meles	Badger	Mochyn Daeare	Terrestrial Mammal
821	Triturus cristatus	Great Crested Newt	Madfallod Dwr Cribog	Amphibian
822	Triturus cristatus	Great Crested Newt	Madfallod Dwr Cribog	Amphibian
827	Cerastium fontanum	Common Mouse-ear	Clust-y-Llygoden Gulddail	Flowering Plant
827	Hyacinthoides non-scripta	Bluebell	Clychau'r Gog	Flowering Plant
838	Cerastium fontanum	Common Mouse-ear	Clust-y-Llygoden Gulddail	Flowering Plant
847	Triturus cristatus	Great Crested Newt	Madfallod Dwr Cribog	Amphibian
848	Triturus cristatus	Great Crested Newt	Madfallod Dwr Cribog	Amphibian
861	Cerastium fontanum	Common Mouse-ear	Clust-y-Llygoden Gulddail	Flowering Plant
861	Hyacinthoides non-scripta	Bluebell	Clychau'r Gog	Flowering Plant
873	Lissotriton			Amphibian
873	Rana temporaria	Common Frog	Brogaod	Amphibian
873	Triturus cristatus	Great Crested Newt	Madfallod Dwr Cribog	Amphibian
880	Hyacinthoides non-scripta	Bluebell	Clychau'r Gog	Flowering Plant
895	Falco subbuteo	Hobby	Hebogiaid yr Ehedydd	Bird
897	Lepus europaeus	Hare	Ysgyfarnogod	Terrestrial Mammal
899	Hyacinthoides non-scripta	Bluebell	Clychau'r Gog	Flowering Plant
907	Natrix helvetica	Grass Snake	Nadroedd y Gwair	Reptile
908	Natrix helvetica	Grass Snake	Nadroedd y Gwair	Reptile
908	Triturus cristatus	Great Crested Newt	Madfallod Dwr Cribog	Amphibian
908	Troglodytes troglodytes	Wren	Dryw	Bird
916	Bufo bufo	Common Toad	Llyffant Dafadenog	Amphibian
920	Arvicola amphibius	Water Vole	Llygoden Bengron y Dwr	Terrestrial Mammal
920	Pipistrellus	Pipistrelle Bat species		Terrestrial Mammal
923	Natrix helvetica	Grass Snake	Nadroedd y Gwair	Reptile
923	Triturus cristatus	Great Crested Newt	Madfallod Dwr Cribog	Amphibian
944	Lasiommata megera	Wall	Gweirlöyn y Cloddiau	Insect - Butterfly
947	Erinaceus europaeus	Hedgehog	Draenog	Terrestrial Mammal
960	Erinaceus europaeus	Hedgehog	Draenog	Terrestrial Mammal

960	Lasiommata megera	Wall	Gweirlöyn y Cloddiau	Insect - Butterfly
968	Lissotriton			Amphibian
968	Triturus cristatus	Great Crested Newt	Madfallod Dwr Cribog	Amphibian
977	Meles meles	Badger	Mochyn Daear	Terrestrial Mammal
977	Vanellus vanellus	Lapwing	Cornchwiglen	Bird
978	Erinaceus europaeus	Hedgehog	Draenog	Terrestrial Mammal
983	Meles meles	Badger	Mochyn Daear	Terrestrial Mammal
994	Chroicocephalus ridibundus	Black-headed Gull	Gwylanod Penddu	Bird
994	Larus argentatus	Herring Gull	Gwylanod y Penwaig	Bird
994	Passer domesticus	House Sparrow	Aderyn y To	Bird
994	Sturnus vulgaris	Starling	Drudwen	Bird
996	Hyacinthoides non-scripta	Bluebell	Clychau'r Gog	Flowering Plant

Category 2 Species

238	Apus apus	Swift	Gwenoliaid Du	Bird
317	Accipiter nisus	Sparrowhawk	Gweilch Glas	Bird
317	Aegithalos caudatus	Long-tailed Tit	Titwod Cynffon-Hir	Bird
317	Apus apus	Swift	Gwenoliaid Du	Bird
317	Ardea cinerea	Grey Heron	Crehyrod	Bird
317	Chloris chloris	Greenfinch	Llinosiaid Gwyrdd	Bird
317	Corvus frugilegus	Rook	Ydfrain	Bird
317	Delichon urbicum	House Martin	Gwenoliaid y Bondo	Bird
317	Hirundo rustica	Swallow	Gwennol	Bird
317	Larus canus	Common Gull	Gwylan y Gweunydd	Bird
317	Periparus ater	Coal Tit	Titwod Penddu	Bird
317	Streptopelia decaocto	Collared Dove	Turtur Dorchog	Bird
394	Apus apus	Swift	Gwenoliaid Du	Bird
498	Sargus flavipes	Yellow-legged Centurion		Insect - True Fly (Diptera)
690	Accipiter nisus	Sparrowhawk	Gweilch Glas	Bird
690	Aegithalos caudatus	Long-tailed Tit	Titwod Cynffon-Hir	Bird
690	Anas platyrhynchos	Mallard	Hwyaid Gwylt	Bird
690	Anthus pratensis	Meadow Pipit	Corhedydd y Waun	Bird
690	Apus apus	Swift	Gwenoliaid Du	Bird

690	<i>Ardea cinerea</i>	Grey Heron	Crehyrod	Bird
690	<i>Aythya fuligula</i>	Tufted Duck	Hwyaden Gopog	Bird
690	<i>Calidris alpina</i>	Dunlin	Pibyddion y Mawn	Bird
690	<i>Chloris chloris</i>	Greenfinch	Llinosiaid Gwyrdd	Bird
690	<i>Corvus frugilegus</i>	Rook	Ydfrain	Bird
690	<i>Cygnus olor</i>	Mute Swan	Elyrch Dof	Bird
690	<i>Delichon urbicum</i>	House Martin	Gwenoliaid y Bondo	Bird
690	<i>Fulica atra</i>	Coot	Cwtieir	Bird
690	<i>Gallinula chloropus</i>	Moorhen	Ieir Dwr	Bird
690	<i>Haematopus ostralegus</i>	Oystercatcher	Pioden Fôr	Bird
690	<i>Hirundo rustica</i>	Swallow	Gwennol	Bird
690	<i>Larus canus</i>	Common Gull	Gwylan y Gweunydd	Bird
690	<i>Larus fuscus</i>	Lesser Black-backed Gull	Gwylanod Cefnddu Lleiaf	Bird
690	<i>Motacilla cinerea</i>	Grey Wagtail	Siglenod Llwyd	Bird
690	<i>Periparus ater</i>	Coal Tit	Titwod Penddu	Bird
690	<i>Phalacrocorax carbo</i>	Cormorant	Mulfran	Bird
690	<i>Phylloscopus trochilus</i>	Willow Warbler	Telwr yr Helyg	Bird
690	<i>Picus viridis</i>	Green Woodpecker	Cnocell Werdd	Bird
690	<i>Pinus sylvestris</i>	Scots Pine	Pinwydden yr Alban	Conifer
690	<i>Podiceps cristatus</i>	Great Crested Grebe	Gwyach Fawr Gopog	Bird
690	<i>Regulus regulus</i>	Goldcrest	Drywod Eurben	Bird
690	<i>Streptopelia decaocto</i>	Collared Dove	Turtur Dorchog	Bird
690	<i>Strix aluco</i>	Tawny Owl	Tylluanod Brych	Bird
690	<i>Turdus viscivorus</i>	Mistle Thrush	Brychod y Coed	Bird
814	<i>Fulica atra</i>	Coot	Cwtieir	Bird
822	<i>Clemnius decoratus</i>			Insect - Beetle (Coleoptera)
822	<i>Helochares punctatus</i>			Insect - Beetle (Coleoptera)
822	<i>Hydroporus neglectus</i>			Insect - Beetle (Coleoptera)
863	<i>Mallota cimbiciformis</i>			Insect - True Fly (Diptera)
863	<i>Sargus flavipes</i>	Yellow-legged Centurion		Insect - True Fly (Diptera)
892	<i>Apus apus</i>	Swift	Gwenoliaid Du	Bird
895	<i>Anas platyrhynchos</i>	Mallard	Hwyaidd Gwylt	Bird
908	<i>Aegithalos caudatus</i>	Long-tailed Tit	Titwod Cynffon-Hir	Bird
908	<i>Anas platyrhynchos</i>	Mallard	Hwyaidd Gwylt	Bird
908	<i>Apus apus</i>	Swift	Gwenoliaid Du	Bird

908	<i>Chloris chloris</i>	Greenfinch	Llinosiaid Gwyrdd	Bird
908	<i>Curruca communis</i>	Whitethroat	Llwydfron	Bird
908	<i>Gallinula chloropus</i>	Moorhen	Ieir Dwr	Bird
909	<i>Sympetrum striolatum</i>	Common Darter	Gweyll Cyffredin	Insect - Dragonfly (Odonata)
916	<i>Platypalpus subtilis</i>			Insect - True Fly (Diptera)
916	<i>Tanyptera atrata</i>			Insect - True Fly (Diptera)
916	<i>Tetartopeus angustatus</i>			Insect - Beetle (Coleoptera)
943	<i>Pinus sylvestris</i>	Scots Pine	Pinwydden yr Alban	Conifer
943	<i>Viola tricolor</i>	Wild Pansy	Trilliw	Flowering Plant
961	<i>Sympetrum striolatum</i>	Common Darter	Gweyll Cyffredin	Insect - Dragonfly (Odonata)
976	<i>Atypophthalmus inustus</i>			Insect - True Fly (Diptera)
994	<i>Aegithalos caudatus</i>	Long-tailed Tit	Titwod Cynffon-Hir	Bird
994	<i>Corvus frugilegus</i>	Rook	Ydfrein	Bird
994	<i>Larus canus</i>	Common Gull	Gwylan y Gweunydd	Bird
994	<i>Periparus ater</i>	Coal Tit	Titwod Penddu	Bird
994	<i>Streptopelia decaocto</i>	Collared Dove	Turtur Dorchog	Bird