



## Wylfa Newydd Project

6.4.46 ES Volume D - WNDA Development

App D9-13 - Over-wintering and Passage Bird  
Technical Summary Report

PINS Reference Number: EN010007

Application Reference Number: 6.4.46

June 2018

Revision 1.0

Regulation Number: 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

[This page is intentionally blank]



## Wylfa Newydd

Horizon Nuclear Power (Wylfa) Ltd

### Technical Summary Report – Over-wintering Birds

60PO8032/TER/REP/008 | 2

WN034-JAC-PAC-REP-0000810

#### Document history and status

Revision	Date	Description	By	Review	Approved
		Final	Mererid Howells	Dave Jones	
1	16/12/2015	Minor changes following proof read	Suzanne Jenkins	Jonathan Jackson	Rob Bromley
2	17/03/2016	Minor changes following HNP IC review	Laura Gore	Nick Clark	
3	05/06/17	Minor changes following HNP IC review	Nick Clark	Jon Barnes	

#### Distribution of copies

Revision	Issue approved	Date issued	Issued to	Comments

## Wylfa Newydd

Project no: 60PO8032  
Document title: Technical Summary Report – Over-wintering Birds  
Document No.: 60PO8032/TER/REP/008  
Revision: 3  
Date: 05 June 2017  
Client name: Horizon Nuclear Power (Wylfa) Ltd  
Client no: WN034-JAC-PAC-REP-00010  
Project manager: Robert Bromley  
Author: Mererid Howells  
File name: N:\Ben\Ecology\Jobs\Horizon - DCO\Working Files\Report Consolidation\Wintering Birds

Jacobs U.K. Limited

Churchill House  
Churchill Way  
Cardiff, CF10 2HH  
United Kingdom  
T +44 (0)29 2035 4200  
F +44 (0)29 2035 3222  
[www.jacobs.com](http://www.jacobs.com)

© Copyright 2015 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright.

Limitation: This report has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this report by any third party.



## Contents

<b>Executive Summary.....</b>	<b>5</b>
<b>1. Introduction.....</b>	<b>6</b>
1.1 Overview.....	6
1.2 Proposed Development.....	6
1.3 Site Description .....	6
1.4 Aims and Objectives.....	7
1.5 Summary of Work.....	7
1.6 Legal Status.....	7
1.6.1 International Legislation .....	7
1.6.2 National Legislation .....	8
1.7 Conservation Status .....	8
1.7.1 Birds of Conservation Concern (BoCC) .....	8
1.7.2 UK Post-2010 Biodiversity Framework.....	8
1.8 Notable Species .....	9
<b>2. Methodology .....</b>	<b>10</b>
2.1 Desk Survey .....	10
2.2 Field Survey.....	10
2.2.1 Survey Methodology.....	10
2.2.2 Transect Surveys.....	10
2.2.3 Vantage Point Surveys.....	10
2.2.4 Incidental Records.....	11
2.3 Limitations .....	11
<b>3. Results.....</b>	<b>12</b>
3.1 Desk Survey .....	12
3.1.1 Designated Sites .....	12
3.1.2 Habitats .....	12
3.1.3 Species Records .....	12
3.2 Field Survey.....	12
3.2.1 Transect Results.....	12
3.2.2 Vantage Point Surveys.....	13
3.2.3 Incidental Sightings .....	13
3.2.4 Results Summary .....	13
<b>4. Discussion and Conclusions .....</b>	<b>15</b>
4.1 Notable Species .....	15
4.2 Value of Species Assemblage.....	15
4.3 Conclusions .....	15
<b>5. References .....</b>	<b>17</b>

**Figures**

**Appendix A. Cofnod Data**

**Appendix B. Combined Results – Summary**

## Executive Summary

This technical summary report provides a single resource regarding all survey and background data available for over-wintering birds (excluding barn owl) in the study area that comprises the Wylfa Newydd Development Area and the surrounding 500m. Over-wintering bird surveys of the study area have taken place in consecutive years between 2009 and 2015.

Data gathering has included a review of:

- desk/background information;
- walked transect surveys;
- vantage point surveys; and
- incidental sightings.

The study area provides habitats of value to over-wintering birds. The habitats considered to be important for over-wintering birds include grassland (marshy, semi-improved and coastal), woodland/scrub, hedgerows and running water.

A total of 99 bird species were recorded in the study area during the over-wintering bird surveys. This included 62 notable species, i.e. those afforded special protection and/or species of conservation concern.

Fourteen bird species recorded are listed under Schedule 1 of the Wildlife and Countryside Act 1981 (as amended).

Twenty-three species feature on the Red List and 29 species are on the Amber List of Birds of Conservation Concern (Eaton et al., 2015).

Twenty Species of Principal Importance in Wales (WBP, 2014), listed in accordance with Section 42 of the Natural Environment and Rural Communities (NERC) Act 2006, were recorded along with three Local Biodiversity Action Plan (LBAP) species.

Ten species listed under Annex I of the Directive on the Conservation of Wild Birds 79/409/EEC (the Birds Directive) (European Commission, 2014) were also recorded.

Taking into account the size of the study area and the number of surveys undertaken, the species assemblages recorded are considered typical for the habitats present and, as such, the study area is considered to be of local conservation importance for over-wintering birds.

## 1. Introduction

This report provides a technical summary of the data collected on over-wintering birds within the Wylfa Newydd Development Area, plus a 500m buffer zone around its boundary. This area is referred to in this report as the study area.

### 1.1 Overview

Horizon Nuclear Power Wylfa Ltd. (Horizon) is currently planning to develop a new nuclear power station on Anglesey as identified in the National Policy Statement for Nuclear Power Generation (EN-6). The Wylfa Newydd Project (the Project) comprises the proposed new nuclear power station (the Wylfa Newydd Generating Station), including the reactors, associated plant and ancillary structures and features, together with all of the development needed to support its delivery, such as highway improvements, worker accommodation and specialist training facilities. The Project will require a number of applications to be made under different legislation to different regulators. As a nationally significant infrastructure project under the Planning Act 2008, the construction and operation must be authorised by a development consent order.

Jacobs UK Ltd (Jacobs) was commissioned by Horizon to undertake a full ecological survey programme within the vicinity of the Power Station Site. This work has included the gathering of baseline data to inform the various applications, assessments and permits that will be submitted for approval to construct and operate the Power Station and Associated Development.

### 1.2 Proposed Development

The Project includes the Wylfa Newydd Generating Station and Associated Development<sup>1</sup>. The Wylfa Newydd Generating Station includes two UK Advanced Boiling Water Reactors to be supplied by Hitachi-GE Nuclear Energy Ltd, associated plant and ancillary structures and features. In addition to the reactors, development on the Power Station Site (the indicative area of land and sea within which the majority of the permanent Wylfa Newydd Generating Station buildings, plant and structures would be situated) will include steam turbines, control and service buildings, operational plant, radioactive waste storage buildings, ancillary structures, offices and coastal developments. The coastal developments will include a Cooling Water System (CWS) and breakwater, and a Marine Off-Loading Facility (MOLF).

### 1.3 Site Description

The Wylfa Newydd Development Area (the indicative areas of land and sea, including the Power Station Site, the Wylfa NPS<sup>2</sup> Site and the surrounding areas that would be used for the construction and operation of the Wylfa Newydd Generating Station) covers an area of approximately 380ha. It is bounded to the north by the coast and the existing Magnox power station (the Existing Power Station). To the east, it is separated from Cemaes by a narrow corridor of agricultural land. The A5025 and residential properties define part of the south-east boundary, with a small parcel of land spanning the road to the north-east of Tregele. To the south and west, the Wylfa Newydd Development Area abuts agricultural land, and to the west it adjoins the coastal hinterland.

The Wylfa Newydd Development Area includes the headland south of Wylfa Head candidate Wildlife Site. There is one designated site for nature conservation within the Wylfa Newydd Development Area; Tre'r Gof Site of Special Scientific Interest (SSSI). It is also within 1km of the Cae Gwyn SSSI, Cemlyn Bay Special Area of Conservation (SAC) and SSSI, and the Ynys Feurig, the Skerries and Cemlyn Bay Special Protection Area (SPA).

<sup>1</sup> Development needed to support delivery of the Wylfa Newydd Generating Station is referred to as Associated Development. This includes highway improvements along the A5025, park and ride facilities for construction workers, Logistics Centre, Temporary Workers' Accommodation, specialist training facilities, Horizon's Visitor Centre and media briefing facilities.

<sup>2</sup> The site identified on Anglesey by the National Policy Statement for Energy EN-6/NPS EN-6 as potentially suitable for the deployment of a new nuclear power station.

Tre'r Gof is a small basin mire adjacent to the Existing Power Station, west of Cemaes. The area receives mineral-enriched waters from the surrounding boulder clay leading to the development of notable flora. It is the botanical interest that provides the reason for the designation of the site as a SSSI.

Cae Gwyn SSSI is located immediately to the south of the site to the west of Llanfechell. The site comprises two wetland areas separated by an outcrop of rock with heathland vegetation. The southern wetland is confined by a rock basin and is dominated by bogmoss (*Sphagnum* spp.) and a wide variety of common wetland herbs. The northern wetland has a different flora containing denser areas of willow (*Salix* spp.) and common reed (*Phragmites communis*).

## 1.4 Aims and Objectives

The purpose of this technical summary is to provide a single resource regarding all survey and background data available for over-wintering birds to inform and support the Ecological Chapter of the Environmental Impact Assessment (EIA) for development of the Wylfa Newydd Generating Station.

The specific aims of the surveys completed to date were to:

- identify over-wintering birds of conservation concern and inform an evaluation of the assemblage of over-wintering birds using the study area; and
- identify locations considered to be of relative significance for assemblages and populations of over-wintering birds.

Together, these will provide a robust baseline of over-wintering bird data to enable any future impact assessment to be made and mitigation to be designed to limit the impact on over-wintering birds.

## 1.5 Summary of Work

Over-wintering bird surveys in the study area have taken place during four seasons between 2009 and 2015, these are:

- winter 2009/2010 and winter 2010/2011 (Arup, 2012);
- winter 2012/2013 (Arup, 2013);
- winter 2013/2014 (Jacobs, 2014); and
- winter 2014/2015 (Jacobs, 2015).

In addition, a desk study was undertaken which involved obtaining bird records from Cofnod (the North Wales Environmental Information Service) from all areas within 2.5km of the boundary of the Wylfa Newydd Development Area.

## 1.6 Legal Status

Birds are protected by national and international legislation that is summarised below.

### 1.6.1 International Legislation

Many resident, over-wintering and migratory bird populations are protected under European legislation.

- I. The Wild Birds Directive 2009/147/EC (as amended) identifies and classifies SPAs for rare or vulnerable species, as well as for all regularly occurring migratory species, paying particular attention to the protection of wetlands of international importance as listed in Annex I of the Directive.
- II. Council Directive 92/43/EEC on the conservation of natural habitats and of wild fauna and flora, otherwise known as the 'Habitats Directive' was adopted in 1992. The directive is the means by which the European Union meets its obligations under the Bern Convention and highlights a legal obligation to protect over 500 wild plants and over 1000 wild animal species. The directive is implemented in UK legislation through the

Wildlife and Countryside Act 1981 (as amended) and the Conservation of Habitats and Species Regulations 2010 (as amended).

- III. The Bonn Convention on Conservation of Migratory Species of Wild Animals 1979 which aims to achieve effective management of migratory species across national or jurisdictional boundaries. This is implemented in UK legislation by the Wildlife and Countryside Act 1981 (as amended).

### **1.6.2 National Legislation**

The Wildlife and Countryside Act 1981 (as amended) is the principal mechanism for the legislative protection of wildlife in Great Britain.

All bird species are protected under elements of Section 9 of the Wildlife and Countryside Act 1981 (as amended) which prohibits the following:

- intentionally injuring, killing and taking any wild bird species; or
- intentionally taking, damaging or destroying eggs or nests (that are in use or being built) of any wild bird species.

Some species listed on Schedule 1 of the Act are afforded additional protection which makes it an offence to intentionally or recklessly disturb these birds or their dependent young while they are building a nest or are on, in or near a nest containing eggs or young.

The NERC Act 2006 places a statutory duty on public bodies to take, or promote the taking by others, of steps to further the conservation of the listed habitats and species. In Wales, this is sanctioned by Section 42 which lists habitats and species of principal importance. These are material considerations in the planning process. There are currently 51 bird Species of Principal Importance in Wales Section 42 (WBP, 2014).

## **1.7 Conservation Status**

There are two mechanisms by which the relative conservation status of birds is categorised in the UK. These are the Birds of Conservation Concern classification devised by the Joint Nature Conservation Committee (JNCC) and Biodiversity Action Plans (BAPs). These are discussed below and referenced where relevant to this report.

### **1.7.1 Birds of Conservation Concern (BoCC)**

In 1996, the UK's leading non-governmental bird conservation organisations, headed by the Royal Society for the Protection of Birds (RSPB), reviewed the status of all bird species regularly found in Britain. On the basis of several criteria relating to population status and relative importance to global conservation, each species was placed on one of three lists – Red (highest conservation concern), Amber (medium conservation concern) and Green (lowest conservation concern) (Eaton *et al.*, 2015).

The lists are reviewed every five years and used to inform the BAP process and other conservation policy decisions.

### **1.7.2 UK Post-2010 Biodiversity Framework**

The UK Biodiversity Action Plan (UK BAP), published in 1994, was the UK's response to the commitments of the Rio Convention on Biological Diversity (1992). The plan outlined action for 59 species of birds of conservation importance/concern (JNCC, 2013). This has since been replaced by the UK Post-2010 Biodiversity Framework. This framework covers the period 2011 to 2020 and forms the UK government's response to the new strategic plan of the United Nations Convention on Biodiversity (CBD) published in 2010. The UK BAP partnership therefore no longer operates, with the framework that replaces it promoting a focus on individual countries delivering targets for the protection of biodiversity through their own strategies.

In Wales the strategy adopted has transferred the species and habitats listed under the defunct UK BAP to Habitats and Species of Principal Importance in Wales in accordance with Section 42 of the NERC Act (ref. section 1.6.2). However, many of the tools and resources originally developed under the UK BAP still remain of

use. Background information on UK BAP priority habitats and species form the basis of county level biodiversity protection initiatives such as Local Biodiversity Action Plans (LBAP). Anglesey currently has LBAPs for the following seven bird species:

- barn owl (*Tyto alba*);
- bittern (*Botaurus stellaris*);
- chough (*Pyrrhocorax pyrrhocorax*);
- corncrake (*Crex crex*);
- grey partridge (*Perdix perdix*);
- skylark (*Alauda arvensis*); and
- song thrush (*Turdus philomelos*).

## **1.8 Notable Species**

Reference to “notable” species is made in this report. Notable species are those that are afforded special protection under Schedule 1 of the Wildlife and Countryside Act 1981 (as amended) or are of conservation concern, as listed in section 1.7 above.

## 2. Methodology

Four sources of data have been used to establish the presence of over-wintering bird populations within the study area. The data sources reviewed are summarised in table 2.1.

Table 2.1: Sources of Data

Data Gathering	2009/2010 & 2010/2011	2012/2013	2013/2014	2014/2015
Desk/background Information (including Cofnod data)	-	■	-	■
Walked Transect Survey	■	■	■	■
Vantage Point Survey	■	■	-	-
Incidental Sightings	■	-	■	■

### 2.1 Desk Survey

A background data search was requested from Cofnod in order to inform this study. This was requested to include all legally protected and notable species records within 2.5km of the study area. This data was then analysed and mapped. A desk study was also undertaken to identify any nature conservation sites specifically designated for bird species within 2.5km of the study area.

### 2.2 Field Survey

#### 2.2.1 Survey Methodology

The field survey followed the standard survey methodology guidelines as outlined in the Wintering Bird Report 2012-2013 (Arup, 2013), taken from Bibby *et al.* (2000) and Gilbert *et al.* (1998). All surveys were carried out by experienced ecologists or ornithologists, using 10x42 or 8x42 binoculars.

#### 2.2.2 Transect Surveys

Two transects were walked in winters 2009/2010 to 2012/2013. Six transects were surveyed in 2013/2014 and 2014/2015 as land access agreements were expanded in order to effectively survey the study area. The methodology followed that described in Bibby *et al.*, (2000) and Gilbert *et al.* (1998).

Transects were designed to give good views of all fields, hedgerows, scrub, woodland, coastal heath and grassland, waterbodies or watercourses present. All survey visits were carried out between 08:00 and 17:00 and during weather conditions favourable for bird activity. Periods of persistent or heavy rain, high wind or fog were avoided.

Each transect was walked at a constant pace and all species of birds observed within and considered to be using the study area were recorded. Particular attention was paid to the area ahead of the observer to ensure, where possible, that birds were recorded before they were flushed. Surveyors stopped periodically at certain locations to listen for calls and observe any bird behaviour. Larger tracts of open land were also scanned from higher vantage points in order to accurately record numbers of large assemblages of birds such as waders and wildfowl before being flushed. The species, location, number and behaviour of all birds considered to be using the site were recorded. Birds observed flying directly overhead and through the study area i.e. commuting or migrating, were not recorded.

#### 2.2.3 Vantage Point Surveys

Vantage point surveys were carried out in winter 2009/2010 and 2012/2013 (Arup, 2013). Bird flight observations were recorded from four vantage points. These points were selected to provide maximum cover of the proposed development area. Surveys comprised 30-minute fixed point observations from each vantage



point during each survey visit. All species flying over were mapped and the activity recorded. At least four such observation sessions were carried out during each visit, spacing the timing of these observations over the visit. Periods of persistent or heavy rain, high wind or fog were avoided.

#### **2.2.4 Incidental Records**

Incidental records of additional notable bird species observed within different transect survey areas were taken whilst undertaking the over-wintering bird survey if they had not been previously recorded in those locations.

#### **2.2.5 Assessment of value of the bird assemblage within the study area**

The method used for assessment of the value of the assemblage of over-wintering birds that the study area supports was to compare the total number of species to the values produced by Fuller (1980). The values produced by Fuller (1980) determine four levels of species richness according to the following numbers of confirmed species:

- 1) Local = 25-49 species.
- 2) County = 50-69 species.
- 3) Regional = 70-84 species.
- 4) National = 85+ species.

The limitations of this approach are described below.

### **2.3 Limitations**

The over-wintering bird survey methodology as given in Bibby *et al.*, (2000) and Gilbert *et al.* (1998) is designed to give estimates of bird density across a landscape by sampling bird communities. It is not intended for mapping accurately the total number of birds or individual territories within a given area. However, the aim of the report is to provide a quantitative summary of over-wintering bird presence and so this is not considered a limitation.

It should be noted that the surveys undertaken did not include the known gull colony on the north side of the Existing Power Station as this was outside the survey area. However, this feature would be taken into account during future assessments.

Access was not granted for certain farms within the study area at the time of some surveys. These areas were surveyed from adjacent areas where possible. The habitats within these farms were also present in the areas surveyed and therefore it is unlikely that additional species not recorded during the survey were present on these farms. Combining the results from all of the years of data has enabled robust conclusions to be drawn.

Survey and sampling methods were not consistent each year preventing accurate direct comparisons between the years from being possible. However, all habitat types in the study area were surveyed at some point and combining the results from multiple years of survey has enabled robust conclusions to be drawn.

### 3. Results

#### 3.1 Desk Survey

##### 3.1.1 Designated Sites

The Ynys Feurig, Cemlyn Bay and The Skerries Special Protection Area (SPA) and the constituent Cemlyn Bay SSSI are located within the study area. These sites are designated for its internationally important breeding populations of four species of tern: Arctic tern (*Sterna paradisaea*); common tern (*Sterna hirundo*); roseate tern (*Sterna dougalli*); and Sandwich tern (*Sterna sandvicensis*). These tern species breed at this location and represent between 1.5% and 5% of the populations in Great Britain (JNCC, 2001). The site is not notable for its over-wintering bird assemblages.

Wylfa Head candidate Wildlife Site located within the Wylfa Newydd Development Area is notable for choughs which breed and over-winter on the cliffs and coastal grassland.

##### 3.1.2 Habitats

Land within and surrounding the Wylfa Newydd Development Area is predominantly in agricultural use for grazing by sheep or cattle. The study area is also contained by hedgerows and crossed by a network of roads, rural lanes, watercourses and overhead electricity infrastructure.

The main habitats present within the study area comprise improved grassland with areas of semi-improved grassland and arable fields also present. Smaller parcels and isolated blocks of coniferous plantation woodland, marsh/marshy grassland, coastal grassland and heathland and amenity grassland are also present. Small fragments of dense and scattered scrub are distributed across the study area along with several kilometres of hedgerow, although these are generally species poor and/or defunct. Further habitats found within the study area include running and standing water (including inundated grassland), built-up areas, introduced shrub, stone walls, maritime hard cliff, and crevice and ledge vegetation with potential to support a variety of bird species. Figure 1 (in Figures section at end of this report) shows the locations of all habitats within the study area.

##### 3.1.3 Species Records

Cofnod provided a total of 17,227 records of bird species within 2.5km of the study area between 1975 and 2014. This list was refined to show records between 1994 and 2014 inclusive and notable bird species only; this generated a list of over 15,000 individual records of 175 species plus 10 sub-species. Of these the species known to winter in the UK are shown in figure 2 (see Figures section at end of report) and detailed in appendix A. It should be noted that many of these species have not been regularly recorded in the study area.

In summary, 57 notable over-wintering bird species have been recorded within 2.5km of the study area with species including redwing (*Turdus iliacus*), fieldfare (*Turdus pilaris*) and lapwing (*Vanellus vanellus*).

Ten notable bird species were recorded directly within the Wylfa Newydd Development Area. Over-wintering birds included barn owl, kingfisher (*Alcedo atthis*), red-throated diver (*Gavia stellata*) and yellowhammer (*Emberiza citrinella*). Migrant breeders and summer visitors were not included in this analysis.

#### 3.2 Field Survey

##### 3.2.1 Transect Results

Transect routes are shown in figure 3. The main habitat types present on and adjacent to the six transects are listed in table 3.1.

Five years of combined transect data recorded a total of 96 different bird species. A total of 60 notable species were recorded during the surveys.

### **3.2.2 Vantage Point Surveys**

Figure 4 (see Figures section at the end of this report) shows the location of the vantage point surveys. Vantage point surveys produced a total number of 46 species. Of these, 28 were notable species.

### **3.2.3 Incidental Sightings**

A pair of whooper swans (*Cygnus cygnus*) was recorded incidentally on a single occasion on 9 December 2014. These individuals were not thought to be in passage and are not included in the analysis.

### **3.2.4 Results Summary**

When combining the results for all field survey methods over all survey periods, a total of 99 bird species were identified within the study area. These are listed in appendix B along with their conservation status.

Fourteen bird species recorded are listed under Schedule 1 of the Wildlife and Countryside Act 1981 (as amended). These species are: black redstart (*Phoenicurus ochruros*), black-tailed godwit (*Limosa limosa*), chough, fieldfare, goshawk (*Accipiter gentilis*), greater scaup (*Aythya marila*), greenshank (*Tringa nebularia*), hen harrier (*Circus cyaneus*), merlin (*Falco columbarius*), peregrine (*Falco peregrinus*), pintail (*Anas acuta*), red kite (*Milvus milvus*), redwing and whimbrel (*Numenius phaeopus*). The location and distribution of these records are shown in figure 5 (see Figures section at the end of this report).

A total of 62 notable species was recorded across the over-wintering bird surveys. Figures 6 and 7 show the distribution of these combined species counts from data captured by Jacobs surveyors in 2013/2014 and 2014/2015.

The notable species included 23 species on the Red List and 29 species on the Amber List of Birds of Conservation Concern (Eaton et al., 2015).

Ten species recorded are listed under Annex I of the Directive on the Conservation of Wild Birds 79/409/EEC (the Birds Directive) (European Commission, 2014).

Twenty species are Species of Principal Importance in Wales as listed in accordance with Section 42 of the NERC Act 2006 as (WBP, 2014). Three species are listed on the Anglesey LBAP.

It should be noted that the level of legal protection and a species' conservation status are not discrete categories and there is considerable overlap between them; as such the sum of the total number of species in each category does not relate to the total number of notable bird species recorded.

Table 3.1: Summary of main habitat types on each transect

Transect (length)	Grassland – Improved	Grassland – Semi-improved	Grassland – Amenity	Grassland – Coastal	Marsh/Marshy grassland	Plantation Woodland	Dense scrub/hedgerows	Coastal heath	Arable	Built-up areas	Running water
Transect 1 (10.7km)	x	x	x	x	x	x	x	-	x	-	-
Transect 2 (9.9km)	x	x	x	x	x	x	x	x	-	-	x
Transect 3 (7.0km)	x	x	x	-	x	-	x	-	x	x	-
Transect 4 (8.7km)	x	x	-	-	x	-	x	-	-	-	x
Transect 5 (5.3km)	x	x	-	-	x	-	x	-	x	-	x
Transect 6 (5.3km)	x	x	x	-	x	-	x	-	-	x	x

## 4. Discussion and Conclusions

### 4.1 Notable Species

The majority of notable bird records obtained from Cofnod relate to birds recorded outside of the Wylfa Newydd Development Area, specifically the marine or coastal habitats at Cemlyn Bay (these habitats/sites were captured due to the 2.5km wide search area used for the desk study). The presence of the nearby marine and coastal habitats therefore accounts for the high proportion of wader and waterfowl species of conservation interest generated by the data search, relatively few of which have been previously recorded inland and even less specifically within the Wylfa Newydd Development Area. This is consistent with the field data collected which identified a diverse range of passerines, birds of prey and gulls within the terrestrial inland study area, but fewer waders and waterfowl. Additionally, many of the notable records included on the Cofnod data are of individual birds, low numbers of birds, or species recorded in one year only, and so suggest that the site is not of importance for these species.

Improved grassland was the dominant habitat type in the study area. Although this habitat can be important for some birds, such as over-wintering foraging geese, this habitat has limited conservation value for the majority of over-wintering bird species recorded during the surveys. Species of goose recorded during surveys were Canada goose (*Branta canadensis*) and greylag goose (*Anser anser*), both common and widespread species whose presence in Anglesey does not comprise a significant proportion of the national population.

The habitats considered to be most important for wintering birds include grassland (marshy, semi-improved, and coastal), arable, woodland/scrub and hedgerows, running water and built-up areas. Figures 5 and 6, when viewed in combination with Figure 1, show that these habitats were where the most species were recorded within the Wylfa Newydd Development Area and are located as follows: south of Cemlyn Bay; on semi-improved coastal grassland and heathland south of Cerrig Brith; semi-improved neutral grassland at Mynydd Ithel south of the study area; and on marshy grassland around Tregele.

Notable over-wintering species that these habitats support included the Red List species fieldfare, herring gull (*Larus argentatus*), house sparrow (*Passer domesticus*), lapwing, linnet (*Carduelis cannabina*), redwing, skylark, song thrush and starling (*Sturnus vulgaris*); and the Amber List species black-headed gull (*Chroicocephalus ridibundus*), bullfinch (*Pyrrhula pyrrhula*), curlew (*Numenius arquata*), dunnoek (*Prunella modularis*), great black-backed gull (*Larus marinus*), greylag goose (*Anser anser*), kestrel (*Falco tinnunculus*), lesser black-backed gull (*Larus fuscus*), mallard (*Anas platyrhynchos*), meadow pipit (*Anthus pratensis*), oystercatcher (*Haematopus ostralegus*), redshank (*Tringa totanus*), reed bunting (*Emberiza schoeniclus*), snipe (*Gallinago gallinago*), teal (*Anas crecca*) and turnstone (*Arenaria interpres*).

### 4.2 Value of Species Assemblage

The value of the over-wintering bird species assemblage in the study area has been quantitatively assessed, using Fuller (1980), to have a conservation importance of 'regional' level based on species richness (85 – 114 species). However, this is considered to be an over-estimation of the importance of the study area because the site value is calculated based on the number of species recorded and does not consider the actual number of individual birds present in each case. For the study area, the relatively high number of species recorded is likely to be a product of the number of survey visits made over the six month survey period, and the size of the study area. It is considered that the assemblage of species is typical of the habitat mosaic present within the study area and, as such, the site is considered as being of local conservation importance.

### 4.3 Conclusions

The habitats considered to be important for over-wintering birds include grassland (marshy, semi-improved and coastal) woodland/scrub and hedgerows and running water.

A total of 99 bird species were recorded in the study area during the over-wintering bird surveys, which included 62 notable species i.e. those afforded special legal protection or those that are of conservation concern.

Notable over-wintering species included Red List species (bullfinch, curlew, fieldfare, grey wagtail, herring gull, house sparrow, lapwing, linnet, merlin, mistle thrush, redwing, skylark, song thrush and starling) and Amber List species (black-headed gull, bullfinch, dunnoek, great black-backed gull, greylag goose, kestrel, lesser black-backed gull, mallard, meadow pipit, oystercatcher, redshank, reed bunting, snipe, teal, and turnstone).

Many of the notable records are of individual birds, low numbers of birds, or species recorded in one year only, and so suggest that the site is not of importance for these species.

The study area is considered to be of local conservation importance for over-wintering birds.

## 5. References

- Arup. 2012. *Proposed Wylfa New Nuclear Build Winter Bird Surveys 2010 & 2011*. Unpublished report on behalf of Horizon Nuclear Power (Wylfa) Ltd.
- Arup. 2013. *Wylfa New Nuclear Power Station Wintering Bird Report 2012-2013*. Unpublished report on behalf of Horizon Nuclear Power (Wylfa) Ltd.
- Bibby, C., Burgess, N.D., Hill, D., and Mustoe, S., (2000), *Bird Census Techniques – Second Edition*, Academic Press, London, England.
- Eaton, M., Aebischer, N., Brown, A., Hearn, R., Lock, L., Musgrove, A., Noble, D., Stroud, D., and Gregory, R.D. 2015. Birds of Conservation Concern 4: the population status of birds in the United Kingdom, Channel Islands and Isle of Man, *British Birds*, 108: 708-746.
- European Commission. 2014. Wild Birds: Threatened bird species in Annex I [[http://ec.europa.eu/environment/nature/conservation/wildbirds/threatened/index\\_en.htm](http://ec.europa.eu/environment/nature/conservation/wildbirds/threatened/index_en.htm)] Accessed June 2015
- Fuller, R.J. 1980. A method for assessing the ornithological interest of sites for conservation. *Biological Conservation*. 17: 229-239.
- Gilbert, G., Gibbons, D.W. and Evans, J. 1998. *Bird monitoring methods: a manual of techniques for key UK species*, Royal Society for the Protection of Birds.
- Jacobs. 2014. *Consultancy Report - Wintering Bird Survey Baseline Report 2013/14*. Unpublished report on behalf of Horizon Nuclear Power (Wylfa) Ltd. Ref. W202.01-S5-PAC-REP-00017.
- Jacobs. 2015. *Consultancy Report - Wintering Birds Survey Baseline Report 2014/15*. Unpublished report on behalf of Horizon Nuclear Power (Wylfa) Ltd. Ref. WN03.01.01-S5-PAC-REP-00016.
- Joint Nature Conservation Committee. 2001. SPA description - Ynys Feurig, Cemlyn Bay and The Skerries Special Protection Area [<http://jncc.defra.gov.uk/page-2055-theme=default>] Accessed June 2015
- Royal Society for the Protection of Birds. 2014. RBBP Reports online [<http://www.rbbp.org.uk/rbbp-online-reports.php>] Accessed September 2015.
- Wales Biodiversity Partnership. 2014. Section 42 list [<http://www.biodiversitywales.org.uk/Section-42-Lists>] Accessed September 2015.

## Figures

This page has been left blank.



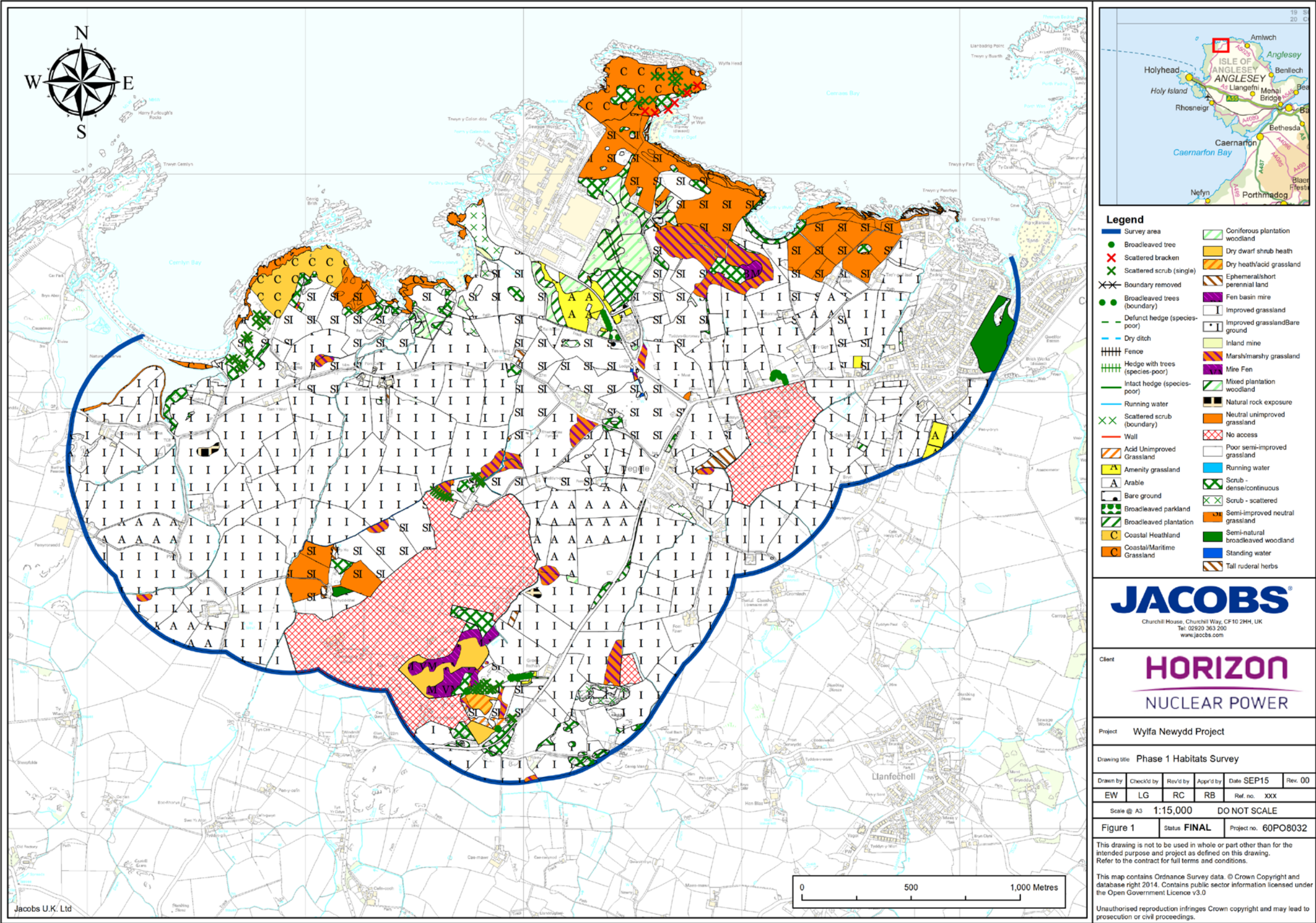


Figure 1 Phase 1 Habitat Survey Results



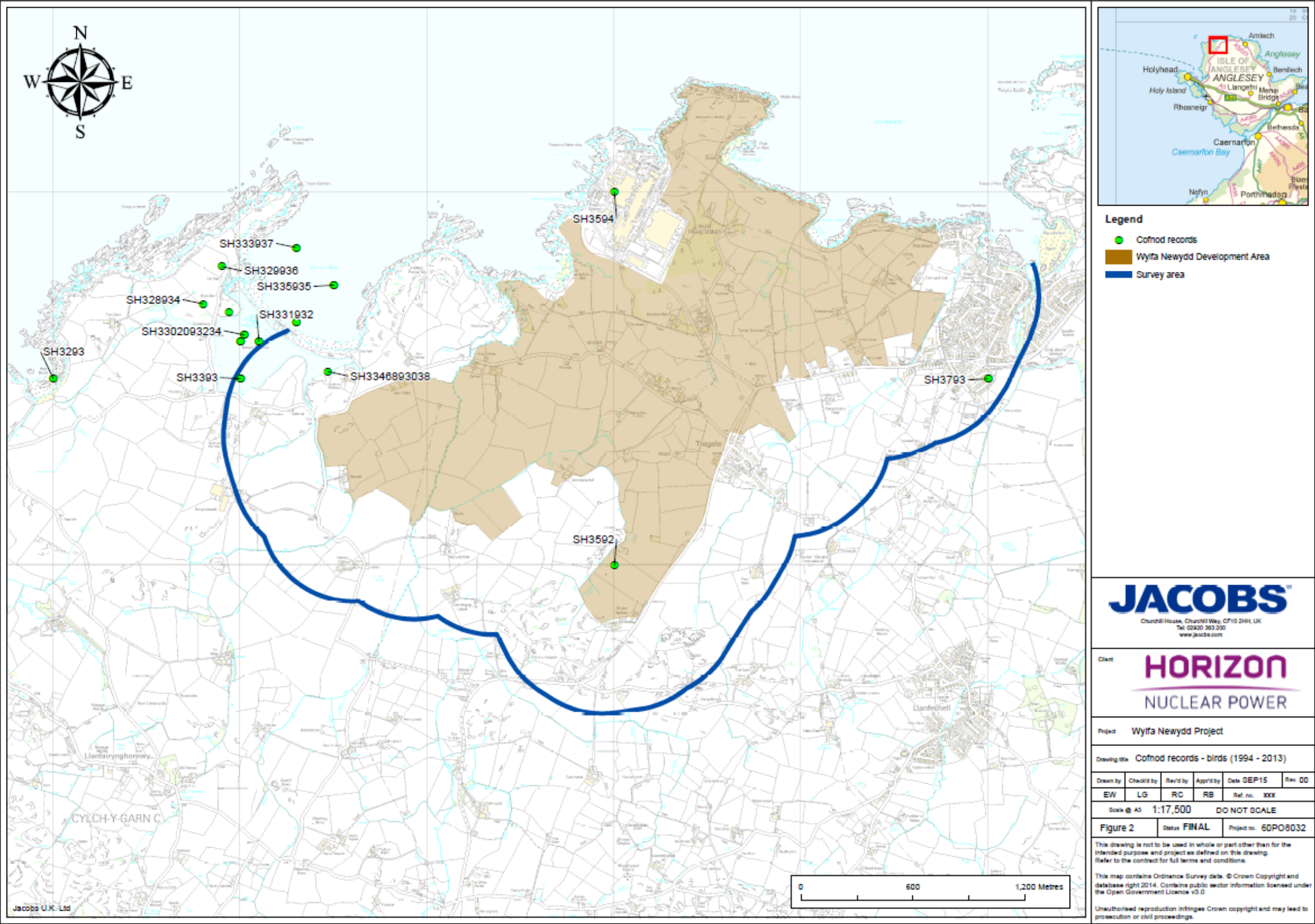


Figure 2 Cofnod Data – Wintering birds



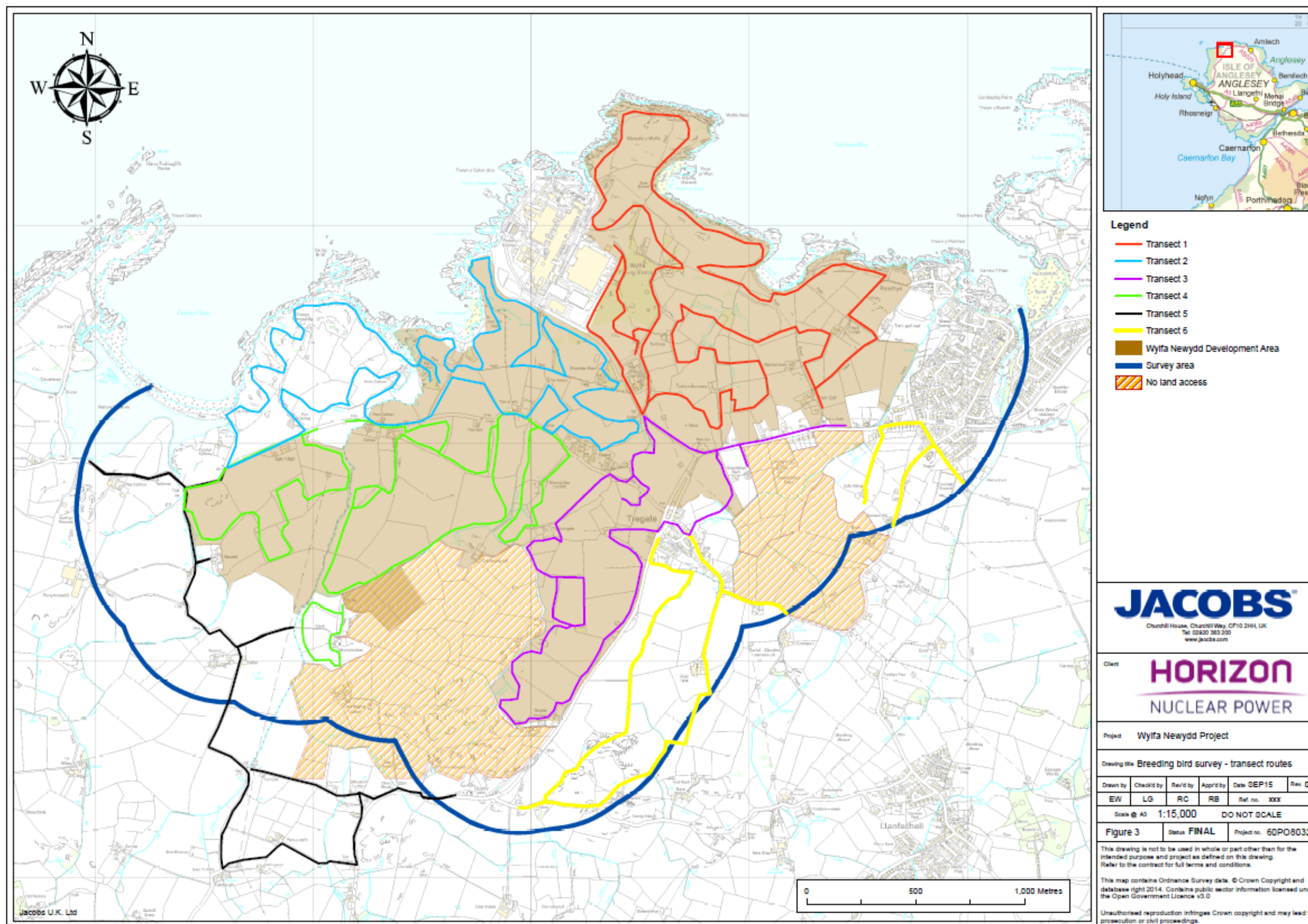


Figure 3 Transect Routes

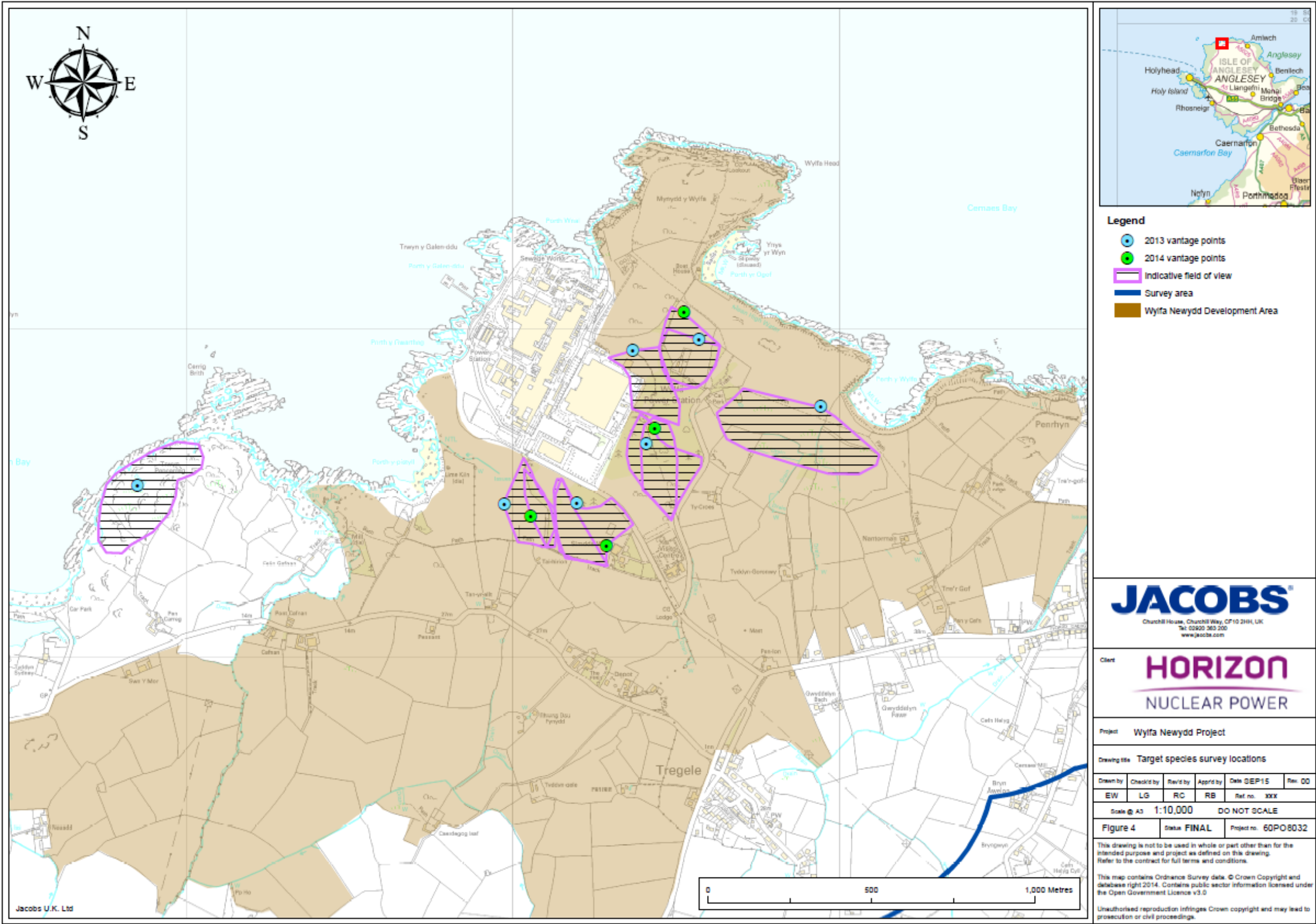


Figure 4 Vantage Points Survey Locations



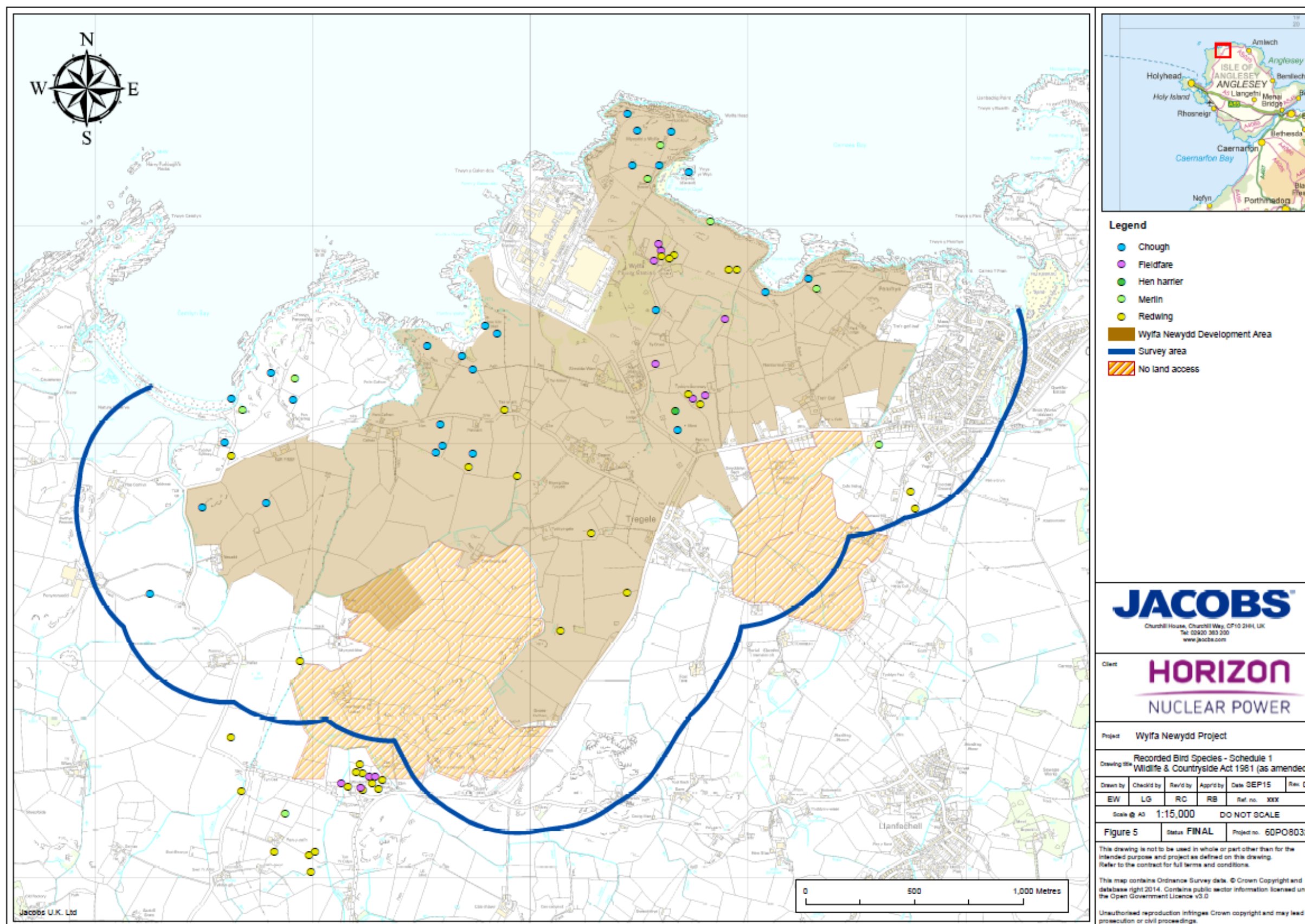


Figure 5 Bird Survey Results – Schedule 1 Wildlife and Countryside Act 1981 (as amended)



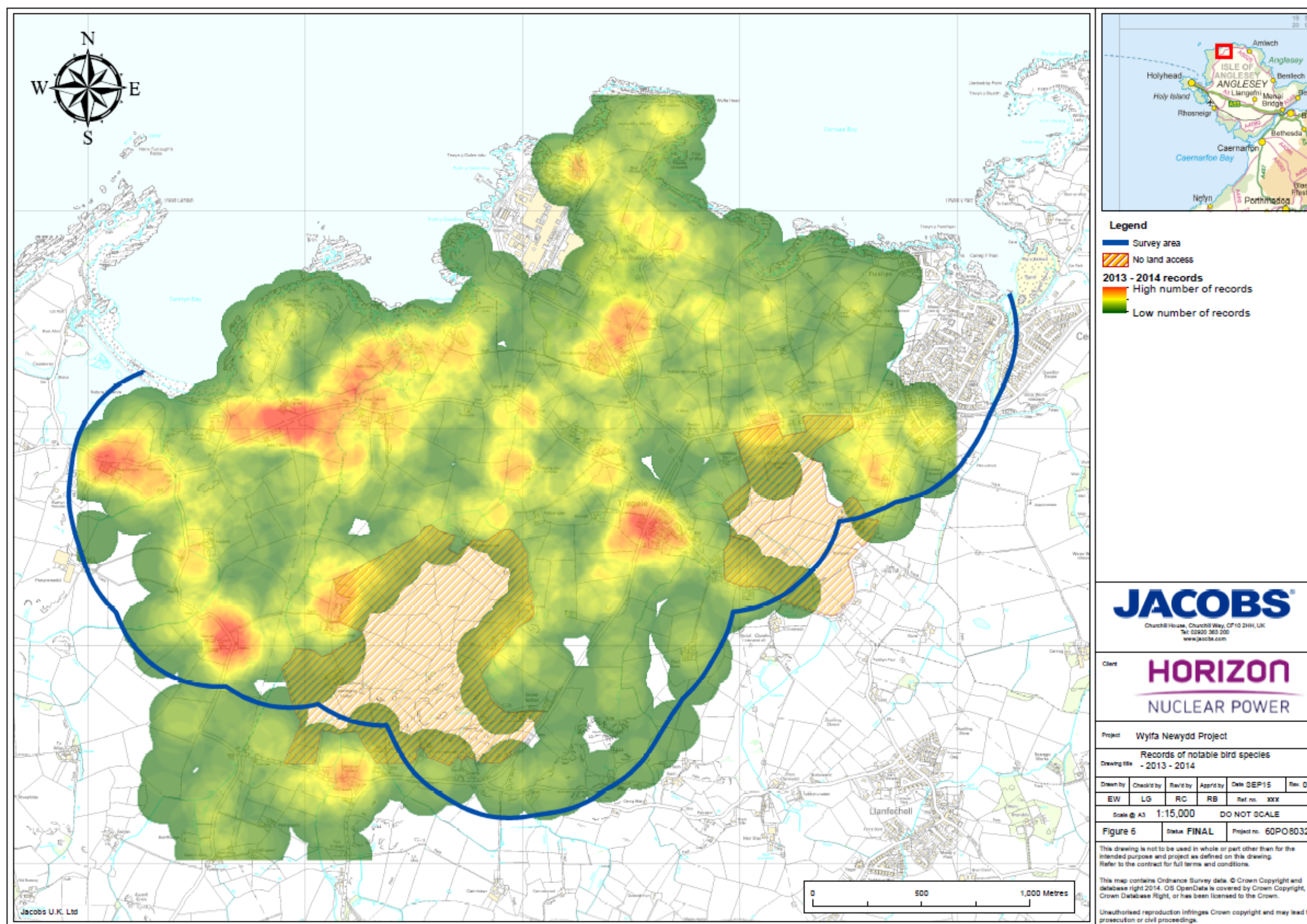


Figure 6 Bird Survey Results – Notable species 2013-2014



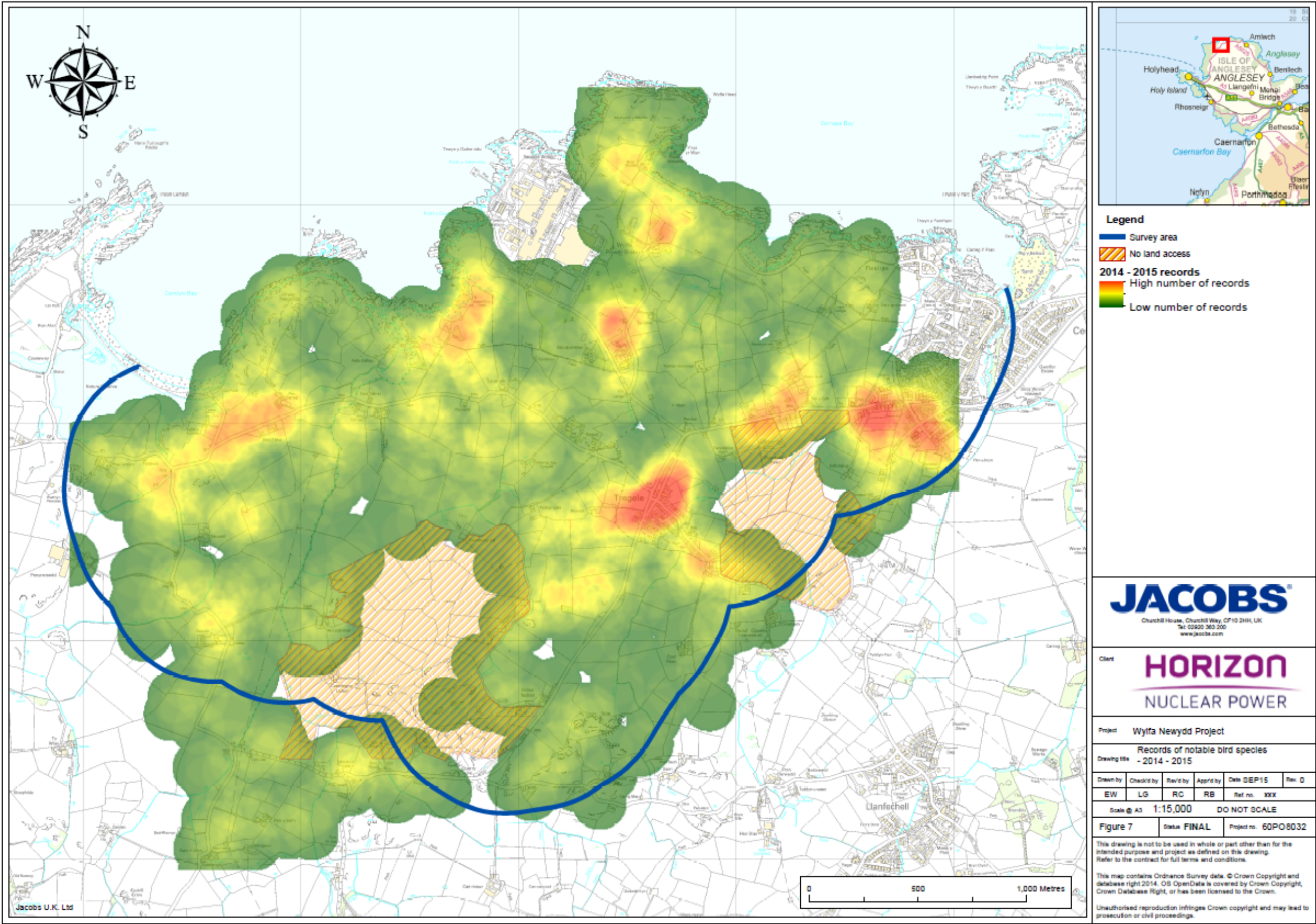


Figure 7 Bird Survey Results – Notable species 2014-2015

## **Appendix A. Cofnod Data**

This page has been left blank



Scientific Name	Common Name	Importance Category	Grid Reference	Location	Records Summary
<i>Accipiter gentilis</i>	Goshawk	1	SH3793	Cemaes Bay	24/06/2000
<i>Alcedo atthis</i>	Kingfisher	1	SH333937	Cemlyn Bay	23/09/2004
<i>Alcedo atthis</i>	Kingfisher	1	SH334928	Cemlyn Bay; Lagoon	25/12/2000
<i>Alcedo atthis</i>	Kingfisher	1	SH3393	Cemlyn	16 records September 1994 - 01/07/2011
<i>Alcedo atthis</i>	Kingfisher	1	SH3793	Cemaes Bay	5 records 12/09/2000 - 08/08/2008
<i>Anas acuta</i>	Northern Pintail	1	SH3293	Cemlyn	5 records 30/08/1999 - 02/01/2006
<i>Anas querquedula</i>	Garganey	1	SH330932	Cemlyn	2 records 2002 - 2003
<i>Anas querquedula</i>	Garganey	1	SH333933	Cemlyn Bay	17/07/2006
<i>Anas querquedula</i>	Garganey	1	SH3393	Cemlyn Bay	5 records 29/05/1994 - 22/07/2006
<i>Anser anser</i>	Greylag Goose	1	SH3293	Cemlyn	27/05/1996
<i>Anser anser</i>	Greylag Goose	1	SH3302093234	Cemlyn	02/06/2012
<i>Anser anser</i>	Greylag Goose	1	SH330932	Cemlyn	6 species - 2002 - 09/05/2008
<i>Anser anser</i>	Greylag Goose	1	SH331932	Cemlyn NWWT Reserve	18/05/2013
<i>Anser anser</i>	Greylag Goose	1	SH3393	Cemlyn	123 records - May 1994 - 11/08/2013
<i>Anthus trivialis</i>	Tree Pipit	1	SH330932	Cemlyn	22/05/2003
<i>Anthus trivialis</i>	Tree Pipit	1	SH3393	Cemlyn	11 records - 10/05/1994 - 30/04/2012
<i>Aythya marila</i>	Greater Scaup	1	SH332928	Cemlyn	5 records -28/10/2000 - 25/12/2000
<i>Aythya marila</i>	Greater Scaup	1	SH3393	Cemlyn	46 records - 12/06/1998 - 07/08/2010
<i>Branta bernicla subsp. bernicla</i>	Dark-bellied Brent Goose	1	SH3393	Cemlyn Bay	25/12/2000
<i>Bucephala clangula</i>	Goldeneye	1	SH329936	Cemlyn Bay	25/12/2004
<i>Bucephala clangula</i>	Goldeneye	1	SH331932	Cemlyn	2 records - 26/01/2008 - 25/03/2008
<i>Bucephala clangula</i>	Goldeneye	1	SH333933	Cemlyn Bay	4 records - 09/01/2003 - 08/12/2003
<i>Bucephala clangula</i>	Goldeneye	1	SH335935	Cemlyn	7 records - 30/01/2007 - 25/12/2008
<i>Bucephala clangula</i>	Goldeneye	1	SH3393	Cemlyn	81 records - 07/06/1994 - 02/03/2008
<i>Calcarius lapponicus</i>	Lapland Longspur	1	SH3393	Cemlyn	26 records - 26/03/1999 - 06/03/2011
<i>Calidris maritima</i>	Purple Sandpiper	1	SH329936	Cemlyn Bay	2 records - 21/01/2004 - 25/12/2004
<i>Calidris maritima</i>	Purple Sandpiper	1	SH330932	Cemlyn	14/05/2003
<i>Calidris maritima</i>	Purple Sandpiper	1	SH331932	Cemlyn NWWT Reserve	4 records - 03/01/2008 - 18/05/2013
<i>Calidris maritima</i>	Purple Sandpiper	1	SH333942	Cemlyn	25/12/2000
<i>Calidris maritima</i>	Purple Sandpiper	1	SH335935	Cemlyn	3 records - 25/12/2006 - 25/12/2007
<i>Calidris maritima</i>	Purple Sandpiper	1	SH3393	Cemlyn	65 records - May 1997 - 30/04/2012
<i>Carduelis cabaret</i>	Lesser Redpoll	1	SH330932	Cemlyn	2 records - 25/07/2008 - 18/05/2013
<i>Carduelis cabaret</i>	Lesser Redpoll	1	SH3393	Cemlyn	28 records - 05/05/1995 - 14/05/2013
<i>Carduelis cabaret</i>	Lesser Redpoll	1	SH3793	Cemaes Bay	2 records - 01/03/1999 - 13/01/2000
<i>Carpodacus erythrurus</i>	Common Rosefinch	1	SH3393	Cemlyn	2 records - 05/06/2010 - 06/06/2010
<i>Charadrius dubius</i>	Little Plover	1	SH3393	Cemlyn	3 records - 15/05/2005 - 03/06/2010
<i>Charadrius hiaticula</i>	Ringed Plover	1	SH329933	Cemlyn; Shingle ridge	Spring 2011
<i>Charadrius hiaticula</i>	Ringed Plover	1	SH3302093234	Cemlyn	2 records - all 02/06/2012
<i>Charadrius hiaticula</i>	Ringed Plover	1	SH33039365	Cemlyn Bay Nature Reserve	18/05/2011
<i>Charadrius hiaticula</i>	Ringed Plover	1	SH330932	Cemlyn	25 records - 2002 - 23/07/2008
<i>Charadrius hiaticula</i>	Ringed Plover	1	SH330938	Cemlyn; Trwyn	2 records - 17/05/2011 -22/05/2011
<i>Charadrius hiaticula</i>	Ringed Plover	1	SH3317493825	Cemlyn	02/06/2012
<i>Charadrius hiaticula</i>	Ringed Plover	1	SH331932	Cemlyn NWWT Reserve	6 records - 26/01/2008 - 18/05/2013
<i>Charadrius hiaticula</i>	Ringed Plover	1	SH332932	Cemlyn; Shingle ridge	4 records - spring 2011 - 25/07/2011

Scientific Name	Common Name	Importance Category	Grid Reference	Location	Records Summary
<i>Charadrius hiaticula</i>	Ringed Plover	1	SH333933	Cemlyn Bay	4 records - 29/04/2006 - 25/12/2006
<i>Charadrius hiaticula</i>	Ringed Plover	1	SH335935	Cemlyn	2 records - 14/05/2007 - 13/09/2007
<i>Charadrius hiaticula</i>	Ringed Plover	1	SH3393	Cemlyn	189 records - May 1994 - 08/08/2013
<i>Charadrius hiaticula</i>	Ringed Plover	1	SH3793	Cemaes Bay	26/12/2008
<i>Charadrius morinellus</i>	Dotterel	1	SH3393	Cemlyn; Fields north of Tyn Llan farm	5 records - 10/05/2005 - 23/05/2010
<i>Chlidonias niger</i>	Black Tern	1	SH329936	Cemlyn Bay	23/09/2004
<i>Chlidonias niger</i>	Black Tern	1	SH330932	Cemlyn; Lagoon Islands	02/05/2011
<i>Chlidonias niger</i>	Black Tern	1	SH3393	Cemlyn	13 records - April 1994 - 09/06/2011
<i>Circus aeruginosus</i>	Marsh Harrier	1	SH330932	Cemlyn	09/08/2003
<i>Circus aeruginosus</i>	Marsh Harrier	1	SH3393	Cemlyn	15 records - 06/05/1994 - 02/05/2012
<i>Circus cyaneus</i>	Hen Harrier	1	SH330932	Cemlyn	07/05/2008
<i>Circus cyaneus</i>	Hen Harrier	1	SH3393	Cemlyn	3 records - 05/05/2006 - 28/04/2011
<i>Clangula hyemalis</i>	Long-tailed Duck	1	SH3393	Cemlyn	2 records - 04/06/1994 - 31/05/1999
<i>Coturnix coturnix</i>	Quail	1	SH330932	Cemlyn	04/07/2008
<i>Coturnix coturnix</i>	Quail	1	SH3393	Cemlyn	2 records - 19/06/1997 - 13/05/2000
<i>Coturnix coturnix</i>	Quail	1	SH3793	Cemaes Bay	03/06/2005
<i>Cuculus canorus</i>	Cuckoo	1	SH329936	Cemlyn Bay	2 records - 24/05/2004-21/07/2004
<i>Cuculus canorus</i>	Cuckoo	1	SH330932	Cemlyn	4 records - 12/05/2002 - July 2008
<i>Cuculus canorus</i>	Cuckoo	1	SH333933	Cemlyn Bay	27/07/2006
<i>Cuculus canorus</i>	Cuckoo	1	SH3393	Cemlyn	34 records - 10/05/1994 - 16/07/2012
<i>Cuculus canorus</i>	Cuckoo	1	SH3793	Cemaes Bay	22/05/2004
<i>Cygnus cygnus</i>	Whooper Swan	1	SH3393	Cemlyn	7 records - 16/02/1999 - 17/10/2008
<i>Emberiza citrinella</i>	Yellowhammer	1	SH3393	Cemlyn; Flying over	2 records - 06/08/2010 - 16/05/2013
<i>Emberiza citrinella</i>	Yellowhammer	1	SH3693	Cemaes Bay	10 records - 27/01/1999 - 07/07/1999
<i>Emberiza citrinella</i>	Yellowhammer	1	SH3793	Cemaes Bay	20 records - 12/01/2000 - 12/04/2005
<i>Emberiza schoeniclus</i>	Reed Bunting	1	SH330932	Cemlyn	5 records - 2002 - 13/05/2008
<i>Emberiza schoeniclus</i>	Reed Bunting	1	SH331932	Cemlyn NWWT Reserve	4 records - 03/01/2008 - 18/05/2013
<i>Emberiza schoeniclus</i>	Reed Bunting	1	SH3354392999	Cemlyn	Jun-10
<i>Emberiza schoeniclus</i>	Reed Bunting	1	SH3393	Cemlyn	1 record - Spring 1999 – Summer 1999
<i>Emberiza schoeniclus</i>	Reed Bunting	1	SH3393	Cemlyn	73 records - May 1994 - 24/04/2012
<i>Emberiza schoeniclus</i>	Reed Bunting	1	SH3693	Cemaes Bay	12/02/1999
<i>Falco columbarius</i>	Merlin	1	SH33139389	Cemlyn	26/04/2012
<i>Falco columbarius</i>	Merlin	1	SH3393	Cemlyn	59 records - May 1997 - 26/05/2013
<i>Falco columbarius</i>	Merlin	1	SH3493	Cafnan, Cemlyn	15/01/2000
<i>Falco peregrinus</i>	Peregrine Falcon	1	SH3293	Cemlyn	1 record - 07/05/1996 – 05/08/1996
<i>Falco peregrinus</i>	Peregrine Falcon	1	SH330932	Cemlyn	22 records - 10/05/2002 - 02/07/2008
<i>Falco peregrinus</i>	Peregrine Falcon	1	SH331932	Cemlyn	03/01/2008
<i>Falco peregrinus</i>	Peregrine Falcon	1	SH335935	Cemlyn Bay	25/12/2006
<i>Falco peregrinus</i>	Peregrine Falcon	1	SH3393	Cemlyn	74 records - 08/05/1994 - 01/08/2013
<i>Falco peregrinus</i>	Peregrine Falcon	1	SH3592	Tregele	21/07/2000
<i>Falco peregrinus</i>	Peregrine Falcon	1	SH3793	Cemaes	5 records - 07/03/1999 - 29/07/2000
<i>Falco subbuteo</i>	Hobby	1	SH330932	Cemlyn	26/05/2003
<i>Falco subbuteo</i>	Hobby	1	SH3393	Cemlyn	2 records - 24/05/2003 - 02/06/2007
<i>Falco tinnunculus</i>	Kestrel	1	SH3282692991	Cemlyn	03/06/2012

Scientific Name	Common Name	Importance Category	Grid Reference	Location	Records Summary
<i>Falco tinnunculus</i>	Kestrel	1	SH3293	Cemlyn	2 records - Spring 1996 - Summer 1996
<i>Falco tinnunculus</i>	Kestrel	1	SH3308892907	Cemlyn	06/07/2013
<i>Falco tinnunculus</i>	Kestrel	1	SH330932	Cemlyn	4 records - 2002 - 15/07/2008
<i>Falco tinnunculus</i>	Kestrel	1	SH331932	Cemlyn	2 records - 03/01/2008 - 20/01/2008
<i>Falco tinnunculus</i>	Kestrel	1	SH3391	Tregele	18/06/2013
<i>Falco tinnunculus</i>	Kestrel	1	SH3393	Cemlyn	99 records - 03/05/1994 - 03/06/2012
<i>Falco tinnunculus</i>	Kestrel	1	SH3394	Trwyn Cemlyn	16/06/2010
<i>Falco tinnunculus</i>	Kestrel	1	SH3592	Tregele	3 records - 09/06/2008 - 01/12/2008
<i>Falco tinnunculus</i>	Kestrel	1	SH3793	Cemaes Bay	5 records - 06/07/2008 - 27/12/2008
<i>Ficedula hypoleuca</i>	Pied Flycatcher	1	SH330932	Cemlyn	2008
<i>Ficedula hypoleuca</i>	Pied Flycatcher	1	SH3393	Cemlyn	20/09/1995
<i>Fringilla montifringilla</i>	Brambling	1	SH3393	Cemlyn Bay	6 records - 17/10/2005 - 31/10/2005
<i>Gavia</i>	Indet. Diver	1	SH3393	Cemlyn; Trwyn Cemlyn	20/06/1994
<i>Gavia arctica</i>	Black-throated Diver	1	SH3393	Cemlyn	6 records - 17/02/1999 - 18/07/2005
<i>Gavia immer</i>	Great Northern Diver	1	SH330932	Cemlyn	19/05/2002
<i>Gavia immer</i>	Great Northern Diver	1	SH331932	Cemlyn	26/01/2008
<i>Gavia immer</i>	Great Northern Diver	1	SH333937	Cemlyn Bay	18/09/2004
<i>Gavia immer</i>	Great Northern Diver	1	SH3393	Cemlyn Bay	9 records - 07/11/1999 - 17/12/2005
<i>Gavia immer</i>	Great Northern Diver	1	SH3793	Cemaes Bay	19/01/2004
<i>Gavia stellata</i>	Red-throated Diver	1	SH329936	Cemlyn Bay	2 records - 17/03/2004 - 23/09/2004
<i>Gavia stellata</i>	Red-throated Diver	1	SH330930	Cemlyn	22/04/2008
<i>Gavia stellata</i>	Red-throated Diver	1	SH333936	Cemlyn Bay	3 records - 09/01/2003 - 15/03/2003
<i>Gavia stellata</i>	Red-throated Diver	1	SH335935	Cemlyn	3 records - 04/01/2007 - 25/12/2007
<i>Gavia stellata</i>	Red-throated Diver	1	SH3393	Cemlyn	55 records - 30/04/1998 - 31/05/2013
<i>Gavia stellata</i>	Red-throated Diver	1	SH355945	Wylfa; Head	08/10/2008
<i>Lanius collurio</i>	Red-backed Shrike	1	SH330932	Cemlyn	2002
<i>Lanius collurio</i>	Red-backed Shrike	1	SH3393	Cemlyn	23/08/2002
<i>Larus melanocephalus</i>	Mediterranean Gull	1	SH33059333	Cemlyn Bay Nature Reserve	18/05/2011
<i>Larus melanocephalus</i>	Mediterranean Gull	1	SH33069331	Cemlyn; Main Island	23/04/2012
<i>Larus melanocephalus</i>	Mediterranean Gull	1	SH330930	Cemlyn	29/04/2008
<i>Larus melanocephalus</i>	Mediterranean Gull	1	SH330932	Cemlyn	8 records - May 2002 - 01/06/2008
<i>Larus melanocephalus</i>	Mediterranean Gull	1	SH330933	Cemlyn; Main island	April 2011 – July 2011
<i>Larus melanocephalus</i>	Mediterranean Gull	1	SH331932	Cemlyn NWWT Reserve	4 records - 11/05/2013 - 18/05/2013
<i>Larus melanocephalus</i>	Mediterranean Gull	1	SH333933	Cemlyn Bay	2 records - 03/06/2006 - 28/06/2006
<i>Larus melanocephalus</i>	Mediterranean Gull	1	SH335935	Cemlyn	21/03/2007
<i>Larus melanocephalus</i>	Mediterranean Gull	1	SH338933	Cemlyn Bay	26/06/1999
<i>Larus melanocephalus</i>	Mediterranean Gull	1	SH3393	Cemlyn	82 records - 04/05/1995 - 08/05/2012
<i>Limosa lapponica</i>	Bar-tailed Godwit	1	SH329936	Cemlyn Bay	3 records - 04/06/2004 - 18/09/2004
<i>Limosa lapponica</i>	Bar-tailed Godwit	1	SH330932	Cemlyn	10 records - 17/05/2002 - June 2008
<i>Limosa lapponica</i>	Bar-tailed Godwit	1	SH330933	Cemlyn; Main Island	May 2011 – June 2011
<i>Limosa lapponica</i>	Bar-tailed Godwit	1	SH330937	Cemlyn Bay; Trwyn Cemlyn	01/09/2008
<i>Limosa lapponica</i>	Bar-tailed Godwit	1	SH331932	Cemlyn NWWT Reserve	2 records - all 18/05/2013
<i>Limosa lapponica</i>	Bar-tailed Godwit	1	SH335935	Cemlyn	30/04/2007
<i>Limosa lapponica</i>	Bar-tailed Godwit	1	SH3393	Cemlyn	47 records - 10/05/1994 - 28/07/2013

Scientific Name	Common Name	Importance Category	Grid Reference	Location	Records Summary
<i>Limosa limosa</i>	Black-tailed Godwit	1	SH329936	Cemlyn Bay	2 records - 04/06/2004 - 03/07/2004
<i>Limosa limosa</i>	Black-tailed Godwit	1	SH3304493305	Cemlyn	2 records - all 29/04/2013
<i>Limosa limosa</i>	Black-tailed Godwit	1	SH330932	Cemlyn	8 records - 25/05/2002 - 06/07/2008
<i>Limosa limosa</i>	Black-tailed Godwit	1	SH330936	Cemlyn Bay	23/04/2007
<i>Limosa limosa</i>	Black-tailed Godwit	1	SH331932	Cemlyn NWWT Reserve	11/05/2013
<i>Limosa limosa</i>	Black-tailed Godwit	1	SH332928	Cemlyn Bay	05/10/2000
<i>Limosa limosa</i>	Black-tailed Godwit	1	SH3393	Cemlyn	59 records - 10/05/1994 - 06/08/2013
<i>Locustella naevia</i>	Common Grasshopper Warbler	1	SH330932	Cemlyn	5 records - May 2002 - 28/07/2008
<i>Locustella naevia</i>	Common Grasshopper Warbler	1	SH3393	Cemlyn	33 records - 08/05/1994 - 23/04/2013
<i>Locustella naevia</i>	Common Grasshopper Warbler	1	SH344931	Cemlyn Bay	07/05/2004
<i>Loxia curvirostra</i>	Common Crossbill	1	SH3393	Cemlyn	19 records - 24/07/1994 - 01/08/2013
<i>Loxia curvirostra</i>	Common Crossbill	1	SH3593	Wylfa; Nature Trail	3 records - 19/03/2000 - 22/03/2000
<i>Loxia curvirostra</i>	Common Crossbill	1	SH3594	Wylfa	22/03/2000
<i>Luscinia svecica</i>	Bluethroat	1	SH3393	Cemlyn	25/04/2009
<i>Melanitta fusca</i>	Velvet Scoter	1	SH3393	Cemlyn	4 records - 27/06/1997 - 14/10/2004
<i>Melanitta nigra</i>	Common Scoter	1	SH3293	Cemlyn	4 records - 29/06/1996 - 12/07/1996
<i>Melanitta nigra</i>	Common Scoter	1	SH329936	Cemlyn Bay	3 records - 03/07/2004 - 23/09/2004
<i>Melanitta nigra</i>	Common Scoter	1	SH330932	Cemlyn	05/08/2002
<i>Melanitta nigra</i>	Common Scoter	1	SH333933	Cemlyn Bay	3 records - 03/06/2006 - 21/08/2006
<i>Melanitta nigra</i>	Common Scoter	1	SH335935	Cemlyn	5 records - 04/01/2007 - 19/07/2007
<i>Melanitta nigra</i>	Common Scoter	1	SH3393	Cemlyn	43 records - 06/07/1994 - 25/07/2013
<i>Merops apiaster</i>	Bee-eater	1	SH3393	Cemlyn	3 records - 13/06/2010 - 26/05/2012
<i>Milvus milvus</i>	Red Kite	1	SH330932	Cemlyn	24/07/2008
<i>Milvus milvus</i>	Red Kite	1	SH3393	Cemlyn	2 records - 23/04/2006 - 24/05/2009
<i>Motacilla flava subsp. flavissima</i>	Yellow Wagtail	1	SH330932	Cemlyn	6 records - 02/05/2002 - July 2008
<i>Motacilla flava subsp. flavissima</i>	Yellow Wagtail	1	SH3393	Cemlyn	43 records - 02/05/1994 - 31/07/2011
<i>Muscicapa striata</i>	Spotted Flycatcher	1	SH335935	Cemlyn	2 records - 02/06/2007 - 22/05/2008
<i>Muscicapa striata</i>	Spotted Flycatcher	1	SH3393	Cemlyn	36 records - 06/05/1994 - 25/04/2013
<i>Muscicapa striata</i>	Spotted Flycatcher	1	SH3592	Tregele	31/07/1999
<i>Muscicapa striata</i>	Spotted Flycatcher	1	SH3793	Cemaes Bay	19/06/2008
<i>Numenius arquata</i>	Curlew	1	SH329917		2005 approx
<i>Numenius arquata</i>	Curlew	1	SH329936	Cemlyn Bay	2 records - 23/09/2004 - 30/09/2004
<i>Numenius arquata</i>	Curlew	1	SH330932	Cemlyn	6 records - May 2002 - 18/07/2008
<i>Numenius arquata</i>	Curlew	1	SH331932	Cemlyn NWWT Reserve	3 records - 26/01/2008 - 18/05/2013
<i>Numenius arquata</i>	Curlew	1	SH333933	Cemlyn Bay	08/06/2006
<i>Numenius arquata</i>	Curlew	1	SH335935	Cemlyn	4 records - 01/10/1999 - 01/01/2008
<i>Numenius arquata</i>	Curlew	1	SH3393	Cemlyn	259 records - May 1994 - 01/08/2013
<i>Numenius phaeopus</i>	Whimbrel	1	SH3293	Cemlyn/Henborth	26/04/2008
<i>Numenius phaeopus</i>	Whimbrel	1	SH329936	Cemlyn Bay	2 records - 07/05/2004 - 24/08/2004
<i>Numenius phaeopus</i>	Whimbrel	1	SH330932	Cemlyn	7 records - 12/05/2002 - 02/05/2008
<i>Numenius phaeopus</i>	Whimbrel	1	SH331932	Cemlyn NWWT Reserve	5 records - 24/04/2008 - 18/05/2013
<i>Numenius phaeopus</i>	Whimbrel	1	SH333933	Cemlyn Bay	4 records - 27/04/2006 - 03/08/2006
<i>Numenius phaeopus</i>	Whimbrel	1	SH335935	Cemlyn	7 records - 30/04/2007 - 03/06/2008
<i>Numenius phaeopus</i>	Whimbrel	1	SH3393	Cemlyn	96 records - May 1994 - 29/04/2013

Scientific Name	Common Name	Importance Category	Grid Reference	Location	Records Summary
<i>Numenius phaeopus</i>	Whimbrel	1	SH3793	Cemaes Bay	04/05/1999
<i>Numenius phaeopus</i>	Whimbrel	1	SH3794	Llanbadrig	27/04/2000
<i>Oceanodroma leucorhoa</i>	Leach's Storm-petrel	1	SH3393	Cemlyn Bay	7 records - 03/10/1999 - 02/10/2005
<i>Oriolus oriolus</i>	Golden Oriole	1	SH3393	Cemlyn	09/06/2007
<i>Pandion haliaetus</i>	Osprey	1	SH3393	Cemlyn	2 records - 02/06/2011 - 26/05/2013
<i>Passer domesticus</i>	House Sparrow	1	SH3294393545	Cemlyn – Car Park (North)	02/06/2012
<i>Passer domesticus</i>	House Sparrow	1	SH3303293555	Cemlyn	02/06/2012
<i>Passer domesticus</i>	House Sparrow	1	SH3308892907	Cemlyn	02/06/2012
<i>Passer domesticus</i>	House Sparrow	1	SH330932	Cemlyn	5 records - 2002 - 30/05/2008
<i>Passer domesticus</i>	House Sparrow	1	SH331932	Cemlyn NWWT Reserve	3 records - 26/01/2008 - 18/05/2013
<i>Passer domesticus</i>	House Sparrow	1	SH3393	Cemlyn	298 records - May 1994 - 08/08/2013
<i>Passer montanus</i>	Tree Sparrow	1	SH3393	Cemlyn Bay	2 records - 03/06/1999 - 30/09/2003
<i>Perdix perdix</i>	Grey Partridge	1	SH3393	Cemlyn	8 records - 14/06/1994 - 12/05/2012
<i>Pernis apivorus</i>	Honey-buzzard	1	SH3393	Cemlyn	27/07/2002
<i>Phalaropus lobatus</i>	Red-necked Phalarope	1	SH3393	Cemlyn	2 records - all 08/06/2006
<i>Philomachus pugnax</i>	Ruff	1	SH3302093234	Cemlyn	07/05/2013
<i>Philomachus pugnax</i>	Ruff	1	SH3304493305	Cemlyn	07/05/2013
<i>Philomachus pugnax</i>	Ruff	1	SH330933	Cemlyn; Main island	24/04/2011
<i>Philomachus pugnax</i>	Ruff	1	SH335935	Cemlyn	2 records - 25/12/2006 - 30/01/2007
<i>Philomachus pugnax</i>	Ruff	1	SH3393	Cemlyn	23 records - May 1994 - 09/05/2011
<i>Phoenicurus ochruros</i>	Black Redstart	1	SH3393	Cemlyn	8 records - 19/02/1999 - 02/05/2013
<i>Platalea leucorodia</i>	Spoonbill	1	SH330932	Cemlyn	2 records - 10/07/2002 - 04/05/2003
<i>Platalea leucorodia</i>	Spoonbill	1	SH3393	Cemlyn	2 records - 19/06/2000 - 16/05/2009
<i>Plectrophenax nivalis</i>	Snow Bunting	1	SH335935	Cemlyn	25/12/2007
<i>Plectrophenax nivalis</i>	Snow Bunting	1	SH3393	Cemlyn Bay	20 records - 23/10/1999 - 24/12/2005
<i>Pluvialis apricaria</i>	Golden Plover	1	SH328934	Cemlyn Bay	6 records - 09/01/2003 - 08/12/2003
<i>Pluvialis apricaria</i>	Golden Plover	1	SH329936	Cemlyn Bay	4 records - 21/01/2004 - 30/09/2004
<i>Pluvialis apricaria</i>	Golden Plover	1	SH3308892907	Cemlyn	07/08/2013
<i>Pluvialis apricaria</i>	Golden Plover	1	SH330932	Cemlyn	8 records - 26/04/2002 - 12/07/2008
<i>Pluvialis apricaria</i>	Golden Plover	1	SH330934	Cemlyn Bay	3 records - 03/03/2008 - 27/10/2008
<i>Pluvialis apricaria</i>	Golden Plover	1	SH330936	Cemlyn Bay	2 records - 19/03/2007 - 24/09/2007
<i>Pluvialis apricaria</i>	Golden Plover	1	SH331932	Cemlyn	3 records - 26/01/2008 - 24/04/2008
<i>Pluvialis apricaria</i>	Golden Plover	1	SH332928	Cemlyn	28/10/2000
<i>Pluvialis apricaria</i>	Golden Plover	1	SH333933	Cemlyn Bay	3 records - 27/04/2006 - 03/08/2006
<i>Pluvialis apricaria</i>	Golden Plover	1	SH335935	Cemlyn	7 records - 30/07/2007 - 25/12/2007
<i>Pluvialis apricaria</i>	Golden Plover	1	SH3393	Cemlyn	330 records - 10/05/1994 - 21/06/2013
<i>Podiceps auritus</i>	Slavonian Grebe	1	SH3349293702	Cemlyn	02/06/2013
<i>Podiceps auritus</i>	Slavonian Grebe	1	SH335935	Cemlyn Bay	25/12/2006
<i>Podiceps auritus</i>	Slavonian Grebe	1	SH3393	Cemlyn Bay	58 records - 07/01/1999 - 12/03/2000
<i>Puffinus mauretanicus</i>	Balearic Shearwater	1	SH3393	Cemlyn	8 records - 03/10/1999 - 14/08/2008
<i>Puffinus mauretanicus</i>	Balearic Shearwater	1	SH3594	Wylfa; Wylfa Head seawatches	3 records - 12/08/2006 - 02/09/2006
<i>Pyrrhocorax pyrrhocorax</i>	Chough	1	SH328934	Cemlyn Bay	25/07/2003
<i>Pyrrhocorax pyrrhocorax</i>	Chough	1	SH329936	Cemlyn Bay	2 records - 30/09/2004 - 25/12/2004
<i>Pyrrhocorax pyrrhocorax</i>	Chough	1	SH330932	Cemlyn	5 records - 08/06/2002 - June 2008



Scientific Name	Common Name	Importance Category	Grid Reference	Location	Records Summary
<i>Pyrhacorax pyrrhacorax</i>	Chough	1	SH3314893316	Cemlyn	02/06/2012
<i>Pyrhacorax pyrrhacorax</i>	Chough	1	SH331928	Cemlyn; Plas Cemlyn	Summer 2011
<i>Pyrhacorax pyrrhacorax</i>	Chough	1	SH331932	Cemlyn	30/05/2008
<i>Pyrhacorax pyrrhacorax</i>	Chough	1	SH3321993032	Cemlyn	02/06/2012
<i>Pyrhacorax pyrrhacorax</i>	Chough	1	SH332939	Cemlyn Bay	15/01/2007
<i>Pyrhacorax pyrrhacorax</i>	Chough	1	SH3393	Cemlyn	90 records - 18/05/1994 - June 2011
<i>Pyrhacorax pyrrhacorax</i>	Chough	1	SH3594	Wylfa; Head	4 records - 05/02/2000 - 17/02/2008
<i>Pyrhacorax pyrrhacorax</i>	Chough	1	SH3794	Llanbadrig	3 records - 10/03/1999 - 05/04/1999
<i>Recurvirostra avosetta</i>	Pied Avocet	1	SH330932	Cemlyn	2 records - 17/05/2008 - 18/05/2008
<i>Recurvirostra avosetta</i>	Pied Avocet	1	SH330935	Cemlyn	18/05/2008
<i>Recurvirostra avosetta</i>	Pied Avocet	1	SH3393	Cemlyn; Lagoon	2 records - 17/05/2008 - 18/05/2008
<i>Regulus ignicapilla</i>	Firecrest	1	SH3393	Cemlyn; In scrub by Bryn Abber	2 records - 31/10/2005 - 02/05/2013
<i>Stercorarius parasiticus</i>	Arctic Skua	1	SH329936	Cemlyn Bay	23/09/2004
<i>Stercorarius parasiticus</i>	Arctic Skua	1	SH330932	Cemlyn	3 records - 15/06/2002 - 2008
<i>Stercorarius parasiticus</i>	Arctic Skua	1	SH333933	Cemlyn Bay	03/06/2006
<i>Stercorarius parasiticus</i>	Arctic Skua	1	SH3393	Cemlyn	47 records - 15/05/1994 - 18/09/2011
<i>Stercorarius parasiticus</i>	Arctic Skua	1	SH3594	Wylfa; Wylfa Head seawatches	5 records - 02/08/2006 - 02/09/2006
<i>Sterna dougallii</i>	Roseate Tern	1	SH329936	Cemlyn Bay	5 records - 12/06/2004 - 02/08/2004
<i>Sterna dougallii</i>	Roseate Tern	1	SH3304493305	Cemlyn	3 records - 23/05/2013 - 27/06/2013
<i>Sterna dougallii</i>	Roseate Tern	1	SH330932	Cemlyn	11 records - 26/05/2002 - 17/06/2008
<i>Sterna dougallii</i>	Roseate Tern	1	SH330933	Cemlyn; Main Island	20/06/2011 – 11/07/2011
<i>Sterna dougallii</i>	Roseate Tern	1	SH332933	Cemlyn	01/07/2008
<i>Sterna dougallii</i>	Roseate Tern	1	SH333933	Cemlyn Bay	2 records - 28/06/2006 - 17/07/2006
<i>Sterna dougallii</i>	Roseate Tern	1	SH335935	Cemlyn	07/06/2007
<i>Sterna dougallii</i>	Roseate Tern	1	SH3393	Cemlyn	103 records - 1994 - 09/07/2011
<i>Sternula albifrons</i>	Little Tern	1	SH330932	Cemlyn	5 records - 31/05/2002 - 05/07/2008
<i>Sternula albifrons</i>	Little Tern	1	SH330933	Cemlyn; Main Island	13/05/2011
<i>Sternula albifrons</i>	Little Tern	1	SH3393	Cemlyn	36 records - 21/05/1994 - 25/05/2013
<i>Streptopelia turtur</i>	Turtle Dove	1	SH330932	Cemlyn	28/05/2003
<i>Streptopelia turtur</i>	Turtle Dove	1	SH3393	Cemlyn	3 records - 10/05/1994 - 23/05/2004
<i>Tringa glareola</i>	Wood Sandpiper	1	SH330932	Cemlyn; Small Island	3 records - 16/07/2002 - 06/05/2011
<i>Tringa glareola</i>	Wood Sandpiper	1	SH3393	Cemlyn	6 records - 06/05/1994 - 04/05/2008
<i>Tringa nebularia</i>	Common Greenshank	1	SH328934	Cemlyn Bay	11/08/2003
<i>Tringa nebularia</i>	Common Greenshank	1	SH329936	Cemlyn Bay	21/01/2004
<i>Tringa nebularia</i>	Common Greenshank	1	SH3304493305	Cemlyn	2 records - 07/05/2013 - 12/05/2013
<i>Tringa nebularia</i>	Common Greenshank	1	SH330932	Cemlyn	7 records - May 2002 - August 2003
<i>Tringa nebularia</i>	Common Greenshank	1	SH3393	Cemlyn	56 records - 01/05/1994 - 27/07/2013
<i>Tringa ochropus</i>	Green Sandpiper	1	SH3293	Cemlyn/Henborth	27/07/2004
<i>Tringa ochropus</i>	Green Sandpiper	1	SH329936	Cemlyn Bay	24/08/2004
<i>Tringa ochropus</i>	Green Sandpiper	1	SH330932	Cemlyn	4 records - 04/05/2002 - 05/07/2008
<i>Tringa ochropus</i>	Green Sandpiper	1	SH3393	Cemlyn	13 records - 13/06/1999 - 28/07/2011
<i>Turdus iliacus</i>	Redwing	1	SH331932	Cemlyn	03/01/2008
<i>Turdus iliacus</i>	Redwing	1	SH3393	Cemlyn Bay	39 records - 07/01/1999 - 16/10/2005
<i>Turdus iliacus</i>	Redwing	1	SH3593	Wylfa; Power Station Nature trail	3 records - 16/02/1999 - 23/02/1999

Scientific Name	Common Name	Importance Category	Grid Reference	Location	Records Summary
<i>Turdus iliacus</i>	Redwing	1	SH3691	Llanfechell	16/01/2005
<i>Turdus iliacus</i>	Redwing	1	SH3793	Cemaes Bay; Gadlys	6 records - 12/10/2000 - 25/12/2008
<i>Turdus pilaris</i>	Fieldfare	1	SH330932	Cemlyn	29/05/2002
<i>Turdus pilaris</i>	Fieldfare	1	SH331932	Cemlyn	03/01/2008
<i>Turdus pilaris</i>	Fieldfare	1	SH3393	Cemlyn Bay	25 records - 07/01/1999 - 16/10/2005
<i>Turdus pilaris</i>	Fieldfare	1	SH3691	Llanfechell	16/01/2005
<i>Turdus pilaris</i>	Fieldfare	1	SH3693	Cemaes Bay	23/03/1999
<i>Turdus pilaris</i>	Fieldfare	1	SH3793	Cemaes Bay; Tae Hen	06/01/2008
<i>Turdus torquatus</i>	Ring Ouzel	1	SH3393	Cemlyn Bay	3 records - 30/03/1999 - 02/04/2005
<i>Turdus torquatus</i>	Ring Ouzel	1	SH3793	Cemaes; Park Lodge	17/02/2008
<i>Tyto alba</i>	Barn Owl	1	SH329917		2005 approx
<i>Tyto alba</i>	Barn Owl	1	SH330932	Cemlyn	3 records - 12/07/2002 - 2008
<i>Tyto alba</i>	Barn Owl	1	SH331932	Cemlyn NWWT Reserve	11/05/2013
<i>Tyto alba</i>	Barn Owl	1	SH332292965	Cemlyn	12/06/2010
<i>Tyto alba</i>	Barn Owl	1	SH335935	Cemlyn	3 records - 14/05/2007 - 07/06/2007
<i>Tyto alba</i>	Barn Owl	1	SH3393	Cemlyn	10 records - 1994 - 24/05/2012
<i>Tyto alba</i>	Barn Owl	1	SH343930	Cemlyn; Cafnan Farm	26/07/2001
<i>Tyto alba</i>	Barn Owl	1	SH3793	Cemaes Bay	2 records - 17/01/2002 - 17/03/2006
<i>Tyto alba subsp. guttata</i>	Dark-breasted Barn Owl	1	SH3393	Cemlyn	1 record - Spring 1998 – Summer 1998
<i>Vanellus vanellus</i>	Northern Lapwing	1	SH329917		2005 approx
<i>Vanellus vanellus</i>	Northern Lapwing	1	SH329936	Cemlyn Bay	26/12/2004
<i>Vanellus vanellus</i>	Northern Lapwing	1	SH330932	Cemlyn	17 records - 2002 - July 2008
<i>Vanellus vanellus</i>	Northern Lapwing	1	SH331932	Cemlyn	26/01/2008
<i>Vanellus vanellus</i>	Northern Lapwing	1	SH332928	Cemlyn	28/10/2000
<i>Vanellus vanellus</i>	Northern Lapwing	1	SH333933	Cemlyn Bay	2 records - 21/08/2006 - 25/12/2006
<i>Vanellus vanellus</i>	Northern Lapwing	1	SH335935	Cemlyn	3 records - 30/01/2007 - 25/12/2007
<i>Vanellus vanellus</i>	Northern Lapwing	1	SH336921	Cemlyn Bay	06/02/2006
<i>Vanellus vanellus</i>	Northern Lapwing	1	SH3393	Cemlyn	216 records - May 1994 - 22/07/2013
<i>Vanellus vanellus</i>	Northern Lapwing	1	SH3793	Cemaes	18/02/2002
<i>Actitis hypoleucos</i>	Common Sandpiper	2	SH3293	Cemlyn/Henborth	26/04/2008
<i>Actitis hypoleucos</i>	Common Sandpiper	2	SH329936	Cemlyn Bay	04/08/2004
<i>Actitis hypoleucos</i>	Common Sandpiper	2	SH3302093234	Cemlyn	13/05/2013
<i>Actitis hypoleucos</i>	Common Sandpiper	2	SH330932	Cemlyn	9 records May 2002 - 05/07/2008
<i>Actitis hypoleucos</i>	Common Sandpiper	2	SH331932	Cemlyn NWWT Reserve	18/05/2013
<i>Actitis hypoleucos</i>	Common Sandpiper	2	SH333933	Cemlyn Bay	21/08/2006
<i>Actitis hypoleucos</i>	Common Sandpiper	2	SH335935	Cemlyn	30/04/2007
<i>Actitis hypoleucos</i>	Common Sandpiper	2	SH3393	Cemlyn	64 records 03/05/1994 - 09/08/2013
<i>Aegithalos caudatus</i>	Long-tailed Tit	2	SH3393	Cemlyn	30/07/2005
<i>Aegithalos caudatus</i>	Long-tailed Tit	2	SH3793	Cemaes Bay	11/11/2008
<i>Alauda arvensis</i>	Sky Lark	2	SH329917		2005
<i>Alauda arvensis</i>	Sky Lark	2	SH330932	Cemlyn	5 records May 2002 - 12/11/2008
<i>Alauda arvensis</i>	Sky Lark	2	SH3393	Cemlyn	32 records 25/05/1994 - 03/08/2013
<i>Anas clypeata</i>	Northern Shoveler	2	SH330932	Cemlyn	20/06/2002
<i>Anas clypeata</i>	Northern Shoveler	2	SH331932	Cemlyn	26/01/2008

Scientific Name	Common Name	Importance Category	Grid Reference	Location	Records Summary
<i>Anas clypeata</i>	Northern Shoveler	2	SH333933	Cemlyn Bay	3 records 09/01/2003 - 28/06/2006
<i>Anas clypeata</i>	Northern Shoveler	2	SH335935	Cemlyn	25/12/2007
<i>Anas clypeata</i>	Northern Shoveler	2	SH3393	Cemlyn	72 records 23/04/1994 - 23/04/2013
<i>Anas crecca</i>	Teal	2	SH3302093234	Cemlyn	8 records in 2013
<i>Anas crecca</i>	Teal	2	SH330932	Cemlyn	26/07/2008
<i>Anas crecca</i>	Teal	2	SH331932	Cemlyn	26/01/2008
<i>Anas crecca</i>	Teal	2	SH333933	Cemlyn Bay	27/07/2006
<i>Anas crecca</i>	Teal	2	SH333937	Cemlyn Bay	16/08/2004
<i>Anas crecca</i>	Teal	2	SH335935	Cemlyn	02/06/2007
<i>Anas crecca</i>	Teal	2	SH3393	Cemlyn	69 records 02/05/1994 - 28/04/2013
<i>Anas penelope</i>	Wigeon	2	SH328934	Cemlyn Bay	15/03/2003
<i>Anas penelope</i>	Wigeon	2	SH3302093234	Cemlyn	02/08/2013
<i>Anas penelope</i>	Wigeon	2	SH330932	Cemlyn	17/05/2002
<i>Anas penelope</i>	Wigeon	2	SH331932	Cemlyn	12/11/2008
<i>Anas penelope</i>	Wigeon	2	SH333933	Cemlyn Bay	6 records in 2006
<i>Anas penelope</i>	Wigeon	2	SH333937	Cemlyn Bay	4 records in 2004
<i>Anas penelope</i>	Wigeon	2	SH335935	Cemlyn	6 records in 2007
<i>Anas penelope</i>	Wigeon	2	SH3393	Cemlyn	238 records 07/05/1994 - 23/10/2009
<i>Anas penelope</i>	Wigeon	2	SH3793	Cemaes Bay	20/09/2002
<i>Anas platyrhynchos</i>	Mallard	2	SH3293	Cemlyn	6 records in 1996
<i>Anas platyrhynchos</i>	Mallard	2	SH3302093234	Cemlyn	02/06/2012
<i>Anas platyrhynchos</i>	Mallard	2	SH3308892907	Cemlyn	02/06/2012
<i>Anas platyrhynchos</i>	Mallard	2	SH330932	Cemlyn	10 records - 2002 - 03/07/2008
<i>Anas platyrhynchos</i>	Mallard	2	SH331932	Cemlyn NWWT Reserve	4 records 2008 - 2013
<i>Anas platyrhynchos</i>	Mallard	2	SH33579312	Cemlyn Bay	4 record 2003
<i>Anas platyrhynchos</i>	Mallard	2	SH3393	Cemlyn	218 records - May 1994 - 03/06/2012
<i>Anas platyrhynchos</i>	Mallard	2	SH37279354	Anglesey	24/04/2010
<i>Anas platyrhynchos</i>	Mallard	2	SH3793	Cemaes Bay	03/05/2008
<i>Anas strepera</i>	Gadwall	2	SH3302093234	Cemlyn	1 record - 26/04/2013 - 30/04/2013
<i>Anas strepera</i>	Gadwall	2	SH331932	Cemlyn NWWT Reserve	18/05/2013
<i>Anas strepera</i>	Gadwall	2	SH3393	Cemlyn	9 records 06/08/1998 - 22/05/2012
<i>Anser albifrons</i>	Greater White-fronted Goose	2	SH3393	Cemlyn Bay	3 records - 2000
<i>Anthus pratensis</i>	Meadow Pipit	2	SH330932	Cemlyn	8 records 2002 - 28/07/2008
<i>Anthus pratensis</i>	Meadow Pipit	2	SH3311193874	Cemlyn	02/06/2012
<i>Anthus pratensis</i>	Meadow Pipit	2	SH331932	Cemlyn NWWT Reserve	18/05/2013
<i>Anthus pratensis</i>	Meadow Pipit	2	SH331932	Cemlyn	26/01/2008
<i>Anthus pratensis</i>	Meadow Pipit	2	SH3393	Cemlyn	100 records - June 1994 - 28/04/2012
<i>Anthus pratensis</i>	Meadow Pipit	2	SH3793	Cemaes Bay	18/03/2005
<i>Apus apus</i>	Common Swift	2	SH3294393545	Cemlyn – Car Park (North)	03/06/2012
<i>Apus apus</i>	Common Swift	2	SH330932	Cemlyn	3 records - 19/06/2002 - 22/07/2008
<i>Apus apus</i>	Common Swift	2	SH331932	Cemlyn NWWT Reserve	18/05/2013
<i>Apus apus</i>	Common Swift	2	SH333933	Cemlyn Bay	27/04/2006
<i>Apus apus</i>	Common Swift	2	SH3393	Cemlyn	42 records - 07/05/1994 - 16/05/2013
<i>Apus apus</i>	Common Swift	2	SH3793	Cemaes Bay	10 records 05/05/1999 - 28/07/2008



Scientific Name	Common Name	Importance Category	Grid Reference	Location	Records Summary
<i>Arenaria interpres</i>	Turnstone	2	SH330932	Cemlyn	6 records - 30/04/2002 - 30/05/2008
<i>Arenaria interpres</i>	Turnstone	2	SH3317493825	Cemlyn	02/06/2012
<i>Arenaria interpres</i>	Turnstone	2	SH331932	Cemlyn NWWT Reserve	6 records - 03/01/2008 - 18/05/2013
<i>Arenaria interpres</i>	Turnstone	2	SH333933	Cemlyn Bay	4 records - 29/04/2006 - 25/12/2006
<i>Arenaria interpres</i>	Turnstone	2	SH333937	Cemlyn Bay	5 records - 02/08/2004 - 30/09/2004
<i>Arenaria interpres</i>	Turnstone	2	SH335935	Cemlyn	6 records - 30/01/2007 - 25/12/2007
<i>Arenaria interpres</i>	Turnstone	2	SH3393	Cemlyn	177 records - May 1994 - 26/07/2013
<i>Arenaria interpres</i>	Turnstone	2	SH3793	Cemaes Bay	3 records - 28/02/2008 - 26/12/2008
<i>Asio flammeus</i>	Short-eared Owl	2	SH330932	Cemlyn	2008
<i>Asio flammeus</i>	Short-eared Owl	2	SH332928	Cemlyn Bay	22/06/2000
<i>Asio flammeus</i>	Short-eared Owl	2	SH3393	Cemlyn	15 records - 03/05/1995 - 11/06/2009
<i>Aythya ferina</i>	Pochard	2	SH3293	Cemlyn	22/07/1996
<i>Aythya ferina</i>	Pochard	2	SH3393	Cemlyn	6 records - 24/05/1994 - 27/04/2010
<i>Aythya fuligula</i>	Tufted Duck	2	SH3293	Cemlyn	2 records - 17/05/1996 - 03/07/1996
<i>Aythya fuligula</i>	Tufted Duck	2	SH3302093234	Cemlyn	3 records - 05/07/2013 - 28/07/2013
<i>Aythya fuligula</i>	Tufted Duck	2	SH330932	Cemlyn	2 records - 10/06/2002 - 08/07/2003
<i>Aythya fuligula</i>	Tufted Duck	2	SH3393	Cemlyn	39 records - 03/08/1991 - 01/08/2011
<i>Branta bernicla</i>	Brent Goose	2	SH3293	Cemlyn	25/05/1996
<i>Branta bernicla</i>	Brent Goose	2	SH3393	Cemlyn	3 records - 01/07/1998 - 24/04/2012
<i>Branta bernicla subsp. hrota</i>	Pale-Breasted Brent Goose	2	SH330932	Cemlyn	1 record - 03/06/2008 - 07/06/2008
<i>Branta bernicla subsp. hrota</i>	Pale-Breasted Brent Goose	2	SH330933	Cemlyn Bay	28/04/2008
<i>Branta bernicla subsp. hrota</i>	Pale-Breasted Brent Goose	2	SH331932	Cemlyn	04/06/2008
<i>Branta bernicla subsp. hrota</i>	Pale-Breasted Brent Goose	2	SH3393	Cemlyn	6 records - 02/11/1999 - 03/06/2008
<i>Branta leucopsis</i>	Barnacle Goose	2	SH3393	Cemlyn	2 records - 06/05/1997 - 27/04/1998
<i>Calidris alba</i>	Sanderling	2	SH330932	Cemlyn	16 records - 12/05/2002 - 17/07/2008
<i>Calidris alba</i>	Sanderling	2	SH3317493825	Cemlyn – Compartment 64	3 records - all 02/06/2012
<i>Calidris alba</i>	Sanderling	2	SH331932	Cemlyn NWWT Reserve	3 records - 11/05/2013 - 18/05/2013
<i>Calidris alba</i>	Sanderling	2	SH332934	Cemlyn	23/05/2000
<i>Calidris alba</i>	Sanderling	2	SH333937	Cemlyn Bay	18/09/2004
<i>Calidris alba</i>	Sanderling	2	SH335935	Cemlyn	25/12/2008
<i>Calidris alba</i>	Sanderling	2	SH3393	Cemlyn	67 records - May 1994 - 05/07/2013
<i>Calidris alpina</i>	Dunlin	2	SH3302093234	Cemlyn	03/06/2012
<i>Calidris alpina</i>	Dunlin	2	SH3304493305	Cemlyn	02/06/2012
<i>Calidris alpina</i>	Dunlin	2	SH330932	Cemlyn	10 records - 2002-17/07/2008
<i>Calidris alpina</i>	Dunlin	2	SH3317493825	Cemlyn	02/06/2012
<i>Calidris alpina</i>	Dunlin	2	SH331932	Cemlyn NWWT Reserve	7 records - 26/01/2008 - 18/05/2013
<i>Calidris alpina</i>	Dunlin	2	SH333933	Cemlyn Bay	2 records - 29/04/2006 - 23/05/2006
<i>Calidris alpina</i>	Dunlin	2	SH335935	Cemlyn	3 records - 14/05/2007 - 23/11/2007
<i>Calidris alpina</i>	Dunlin	2	SH3393	Cemlyn	198 records - May 1994 - 28/07/2013
<i>Calidris alpina subsp. schinzii</i>	Calidris alpina subsp. schinzii	2	SH3393	Cemlyn	Jun-10
<i>Calidris canutus</i>	Knot	2	SH330932	Cemlyn	5 records - 17/05/2002 - 24/07/2008
<i>Calidris canutus</i>	Knot	2	SH331932	Cemlyn NWWT Reserve	3 records - 03/01/2008 - 18/05/2013
<i>Calidris canutus</i>	Knot	2	SH333933	Cemlyn Bay	21/08/2006
<i>Calidris canutus</i>	Knot	2	SH335935	Cemlyn Bay	13/09/2007

Scientific Name	Common Name	Importance Category	Grid Reference	Location	Records Summary
<i>Calidris canutus</i>	Knot	2	SH3393	Cemlyn	58 records - 09/05/1994 - 27/07/2013
<i>Carduelis cannabina</i>	Linnet	2	SH3294393545	Cemlyn – Car Park (North)	02/06/2012
<i>Carduelis cannabina</i>	Linnet	2	SH3308892907	Cemlyn	02/06/2012
<i>Carduelis cannabina</i>	Linnet	2	SH330932	Cemlyn	6 records - 02/07/2002 - July 2008
<i>Carduelis cannabina</i>	Linnet	2	SH331932	Cemlyn NWWT Reserve	5 records - 03/01/2008 - 18/05/2013
<i>Carduelis cannabina</i>	Linnet	2	SH335935	Cemlyn	09/04/2008
<i>Carduelis cannabina</i>	Linnet	2	SH3393	Cemlyn	54 records - May 1994 - 29/04/2013
<i>Carduelis flavirostris</i>	Twite	2	SH329936	Cemlyn Bay	05/11/2000
<i>Carduelis flavirostris</i>	Twite	2	SH3393	Cemlyn Bay	5 records - 27/06/1996 - 03/11/2000
<i>Cephus grylle</i>	Black Guillemot	2	SH330932	Cemlyn	7 records - 25/05/2002 - 2008
<i>Cephus grylle</i>	Black Guillemot	2	SH331932	Cemlyn NWWT Reserve	11/05/2013
<i>Cephus grylle</i>	Black Guillemot	2	SH3349293702	Cemlyn	02/06/2012
<i>Cephus grylle</i>	Black Guillemot	2	SH3393	Cemlyn; Bay area	20 records - 06/07/1994 - 03/06/2012
<i>Corvus cornix</i>	Hooded Crow	2	SH331934	SSSI: Cemlyn Bay	Winter 1995
<i>Corvus cornix</i>	Hooded Crow	2	SH3393	Cemlyn	12 records - 10/05/1994 - 26/05/2013
<i>Corvus cornix subsp. cornix</i>	Hooded Crow	2	SH331934	SSSI: Cemlyn Bay	Summer 1997
<i>Corvus cornix subsp. cornix</i>	Hooded Crow	2	SH3393	Cemlyn	29/04/2007
<i>Cygnus olor</i>	Mute Swan	2	SH3293	Cemlyn	2 records - 09/05/1996 - Summer 1996
<i>Cygnus olor</i>	Mute Swan	2	SH330932	Cemlyn	8 records - 2002 - 21/05/2008
<i>Cygnus olor</i>	Mute Swan	2	SH331932	Cemlyn NWWT Reserve	3 records - 11/05/2013 - 18/05/2013
<i>Cygnus olor</i>	Mute Swan	2	SH335925	Cemlyn Bay	Jun-06
<i>Cygnus olor</i>	Mute Swan	2	SH3393	Cemlyn	91 records - May 1994 - 03/06/2012
<i>Cygnus olor</i>	Mute Swan	2	SH3592	Tregele	07/03/2008
<i>Delichon urbicum</i>	House Martin	2	SH3294393545	Cemlyn – Car Park (North)	02/06/2012
<i>Delichon urbicum</i>	House Martin	2	SH330932	Cemlyn	3 records - 2002 - 23/05/2008
<i>Delichon urbicum</i>	House Martin	2	SH331932	Cemlyn NWWT Reserve	2 records - all 18/05/2013
<i>Delichon urbicum</i>	House Martin	2	SH333933	Cemlyn Bay	27/04/2006
<i>Delichon urbicum</i>	House Martin	2	SH335935	Cemlyn	09/04/2008
<i>Delichon urbicum</i>	House Martin	2	SH337928	Cemlyn	2011
<i>Delichon urbicum</i>	House Martin	2	SH3393	Cemlyn	44 records - 06/05/1994 - 17/05/2012
<i>Fratercula arctica</i>	Puffin	2	SH330932	Cemlyn	6 records - 13/05/2002 - 2008
<i>Fratercula arctica</i>	Puffin	2	SH3349293702	Cemlyn	04/05/2013
<i>Fratercula arctica</i>	Puffin	2	SH3393	Cemlyn	22 records - 28/06/1994 - 08/08/2010
<i>Fratercula arctica</i>	Puffin	2	SH3394	Cemlyn; Off headland	2011
<i>Gallinago gallinago</i>	Common Snipe	2	SH330932	Cemlyn	26/07/2008
<i>Gallinago gallinago</i>	Common Snipe	2	SH331932	Cemlyn	26/01/2008
<i>Gallinago gallinago</i>	Common Snipe	2	SH335935	Cemlyn	2 records - 30/01/2007 - 19/07/2007
<i>Gallinago gallinago</i>	Common Snipe	2	SH3393	Cemlyn	67 records - 25/04/1994 - 28/07/2013
<i>Haematopus ostralegus</i>	Oystercatcher	2	SH3293993356	Cemlyn	02/06/2012
<i>Haematopus ostralegus</i>	Oystercatcher	2	SH329934	Cemlyn; Bryn Aber and the Weir	2011
<i>Haematopus ostralegus</i>	Oystercatcher	2	SH3302093234	Cemlyn	4 records - 02/06/2012 - 26/04/2013
<i>Haematopus ostralegus</i>	Oystercatcher	2	SH3303293555	Cemlyn	02/06/2012
<i>Haematopus ostralegus</i>	Oystercatcher	2	SH330932	Cemlyn; Small Island	17 records - 2002 - 17/05/2011
<i>Haematopus ostralegus</i>	Oystercatcher	2	SH330933	Cemlyn; Main Island	2011

Scientific Name	Common Name	Importance Category	Grid Reference	Location	Records Summary
<i>Haematopus ostralegus</i>	Oystercatcher	2	SH3317493825	Cemlyn	02/06/2012
<i>Haematopus ostralegus</i>	Oystercatcher	2	SH331932	Cemlyn NWWT Reserve	5 records - 26/01/2008 - 18/05/2013
<i>Haematopus ostralegus</i>	Oystercatcher	2	SH332932	Cemlyn; Ridge	22/05/2011
<i>Haematopus ostralegus</i>	Oystercatcher	2	SH33579312	Cemlyn Bay	2 records - November 2003 - 15/11/2003
<i>Haematopus ostralegus</i>	Oystercatcher	2	SH3393	Cemlyn	154 records - May 1994 - 03/06/2012
<i>Haematopus ostralegus</i>	Oystercatcher	2	SH3793	Cemaes	2 records - 07/03/1999 - 09/07/2000
<i>Hirundo rustica</i>	Swallow	2	SH3302093234	Cemlyn	02/06/2012
<i>Hirundo rustica</i>	Swallow	2	SH3303293555	Cemlyn	02/06/2012
<i>Hirundo rustica</i>	Swallow	2	SH330932	Cemlyn	8 records - 11/05/2002 - 2008
<i>Hirundo rustica</i>	Swallow	2	SH331932	Cemlyn NWWT Reserve	4 records - 12/11/2008 - 18/05/2013
<i>Hirundo rustica</i>	Swallow	2	SH333933	Cemlyn Bay	27/04/2006
<i>Hirundo rustica</i>	Swallow	2	SH335935	Cemlyn	2 records - 04/04/2007 - 09/04/2008
<i>Hirundo rustica</i>	Swallow	2	SH3393	Cemlyn	87 records - May 1994 - 08/08/2013
<i>Hirundo rustica</i>	Swallow	2	SH3592	Tregele	05/04/1999
<i>Hirundo rustica</i>	Swallow	2	SH3793	Cemaes Bay	19/04/2005
<i>Hydrobates pelagicus</i>	Storm-petrel	2	SH3293	Cemlyn	2 records - 29/06/1996 - 01/07/1996
<i>Hydrobates pelagicus</i>	Storm-petrel	2	SH329936	Cemlyn Bay	03/07/2004
<i>Hydrobates pelagicus</i>	Storm-petrel	2	SH330932	Cemlyn	3 records - 14/05/2002 - 2008
<i>Hydrobates pelagicus</i>	Storm-petrel	2	SH3393	Cemlyn	13 records - 10/07/2000 - 14/06/2010
<i>Hydrobates pelagicus</i>	Storm-petrel	2	SH3594	Wylfa; Wylfa Head seawatches	2 records - 02/08/2006 - 28/08/2006
<i>Larus argentatus</i>	Herring Gull	2	SH330932	Cemlyn	6 records - 2002 - 2008
<i>Larus argentatus</i>	Herring Gull	2	SH331932	Cemlyn NWWT Reserve	4 records - 26/01/2008 - 18/05/2013
<i>Larus argentatus</i>	Herring Gull	2	SH3393	Cemlyn	33 records - May 1994 - 08/08/2013
<i>Larus argentatus</i>	Herring Gull	2	SH3592	Tregele	18/02/2002
<i>Larus argentatus</i>	Herring Gull	2	SH37299354	Anglesey	24/04/2010
<i>Larus canus</i>	Common Gull	2	SH3304493305	Cemlyn	7 records - 23/04/2013 - 15/05/2013
<i>Larus canus</i>	Common Gull	2	SH330932	Cemlyn	8 records - May 2002 - 01/07/2008
<i>Larus canus</i>	Common Gull	2	SH331932	Cemlyn	26/01/2008
<i>Larus canus</i>	Common Gull	2	SH335935	Cemlyn	21/03/2007
<i>Larus canus</i>	Common Gull	2	SH3393	Cemlyn	28 records - 05/06/1995 - 17/05/2013
<i>Larus canus</i>	Common Gull	2	SH3592	Tregele	18/02/2002
<i>Larus fuscus</i>	Lesser Black-backed Gull	2	SH3302093234	Cemlyn	02/06/2012
<i>Larus fuscus</i>	Lesser Black-backed Gull	2	SH330932	Cemlyn	5 records - 2002 - 12/05/2008
<i>Larus fuscus</i>	Lesser Black-backed Gull	2	SH331932	Cemlyn NWWT Reserve	2 records - 26/01/2008 - 18/05/2013
<i>Larus fuscus</i>	Lesser Black-backed Gull	2	SH3393	Cemlyn	25 records - 05/05/1994 - 08/08/2013
<i>Larus marinus</i>	Great Black-backed Gull	2	SH3303293555	Cemlyn	02/06/2012
<i>Larus marinus</i>	Great Black-backed Gull	2	SH330932	Cemlyn	5 records - 2002-2008
<i>Larus marinus</i>	Great Black-backed Gull	2	SH331932	Cemlyn NWWT Reserve	6 records - 03/01/2008 - 18/05/2013
<i>Larus marinus</i>	Great Black-backed Gull	2	SH3393	Cemlyn	27 records - May 1994 - 08/08/2013
<i>Limnodytes minimus</i>	Jack Snipe	2	SH3393	Cemlyn Bay	3 records - 17/01/2002 - 24/12/2005
<i>Mergus serrator</i>	Red-breasted Merganser	2	SH3293	Cemlyn	3 records - May 1996 - July 1996
<i>Mergus serrator</i>	Red-breasted Merganser	2	SH3302093234	Cemlyn	4 records - 02/06/2012 - 09/08/2013
<i>Mergus serrator</i>	Red-breasted Merganser	2	SH330932	Cemlyn	12 records - 2002 - 12/07/2008
<i>Mergus serrator</i>	Red-breasted Merganser	2	SH3317493825	Cemlyn	02/06/2012

Scientific Name	Common Name	Importance Category	Grid Reference	Location	Records Summary
<i>Mergus serrator</i>	Red-breasted Merganser	2	SH331932	Cemlyn NWWT Reserve	5 records - 23/01/2008 - 18/05/2013
<i>Mergus serrator</i>	Red-breasted Merganser	2	SH333933	Cemlyn Bay	2 records - 27/07/2006 - 21/08/2006
<i>Mergus serrator</i>	Red-breasted Merganser	2	SH3349293702	Cemlyn	2 records - all 02/06/2012
<i>Mergus serrator</i>	Red-breasted Merganser	2	SH335935	Cemlyn	2 records - 30/04/2007 - 14/05/2007
<i>Mergus serrator</i>	Red-breasted Merganser	2	SH3393	Cemlyn	147 records - 06/06/1994 - 03/06/2012
<i>Mergus serrator</i>	Red-breasted Merganser	2	SH3793	Cemaes Bay	05/04/1999
<i>Morus bassanus</i>	Northern Gannet	2	SH3293	Cemlyn	2 records - Spring 1996 - Summer 1996
<i>Morus bassanus</i>	Northern Gannet	2	SH330932	Cemlyn	5 records - 03/06/2002 - 12/07/2008
<i>Morus bassanus</i>	Northern Gannet	2	SH331932	Cemlyn NWWT Reserve	4 records - 11/05/2013 - 18/05/2013
<i>Morus bassanus</i>	Northern Gannet	2	SH333933	Cemlyn Bay	27/04/2006
<i>Morus bassanus</i>	Northern Gannet	2	SH3393	Cemlyn	80 records - 27/08/1994 - 23/06/2013
<i>Oenanthe oenanthe</i>	Northern Wheatear	2	SH330932	Cemlyn	7 records - 02/05/2002 - 03/05/2008
<i>Oenanthe oenanthe</i>	Northern Wheatear	2	SH331193874	Cemlyn	02/06/2012
<i>Oenanthe oenanthe</i>	Northern Wheatear	2	SH331932	Cemlyn NWWT Reserve	4 records - 11/05/2013 - 18/05/2013
<i>Oenanthe oenanthe</i>	Northern Wheatear	2	SH333933	Cemlyn Bay	27/04/2006
<i>Oenanthe oenanthe</i>	Northern Wheatear	2	SH333937	Cemlyn Bay	4 records - 17/03/2004 - 30/09/2004
<i>Oenanthe oenanthe</i>	Northern Wheatear	2	SH335935	Cemlyn	4 records - 21/03/2007 - 09/04/2008
<i>Oenanthe oenanthe</i>	Northern Wheatear	2	SH3393	Cemlyn	104 records - 02/05/1994 - 07/05/2013
<i>Oenanthe oenanthe subsp. leucorhoa</i>	Greenland Wheatear	2	SH3393	Cemlyn; Tyn Llan Track	01/05/1994
<i>Periparus ater</i>	Coal Tit	2	SH331928	Cemlyn; Plas Cemlyn	2 records - 18/06/2011 - 20/06/2011
<i>Periparus ater</i>	Coal Tit	2	SH3393	Cemlyn Bay	8 records - 21/06/1995 - 03/11/2000
<i>Periparus ater</i>	Coal Tit	2	SH3793	Cemaes Bay	2 records - 04/10/2005 - 29/10/2008
<i>Phalacrocorax carbo</i>	Great Cormorant	2	SH3293	Cemlyn	Spring 1996 – Summer 1996
<i>Phalacrocorax carbo</i>	Great Cormorant	2	SH3302093234	Cemlyn	24/04/2013 – 08/08/2013
<i>Phalacrocorax carbo</i>	Great Cormorant	2	SH330932	Cemlyn	3 records - 05/08/2002 - 08/06/2008
<i>Phalacrocorax carbo</i>	Great Cormorant	2	SH331932	Cemlyn NWWT Reserve	6 records - 03/01/2008 - 18/05/2013
<i>Phalacrocorax carbo</i>	Great Cormorant	2	SH3393	Cemlyn	131 records - 26/08/1994 - 03/06/2012
<i>Phoenicurus phoenicurus</i>	Common Redstart	2	SH3393	Cemlyn	3 records - 12/10/2005 - 11/05/2013
<i>Phylloscopus trochilus</i>	Willow Warbler	2	SH330932	Cemlyn	6 records - 2002 - 26/07/2008
<i>Phylloscopus trochilus</i>	Willow Warbler	2	SH331932	Cemlyn NWWT Reserve	2 records - all 18/05/2013
<i>Phylloscopus trochilus</i>	Willow Warbler	2	SH333933	Cemlyn Bay	27/04/2006
<i>Phylloscopus trochilus</i>	Willow Warbler	2	SH3393	Cemlyn	63 records - May 1994 - 28/04/2013
<i>Phylloscopus trochilus</i>	Willow Warbler	2	SH3693	Cemaes Bay	29/03/1999
<i>Pluvialis squatarola</i>	Grey Plover	2	SH329936	Cemlyn Bay	3 records - 21/01/2004 - 25/12/2004
<i>Pluvialis squatarola</i>	Grey Plover	2	SH330932	Cemlyn	5 records - 30/04/2002 - June 2003
<i>Pluvialis squatarola</i>	Grey Plover	2	SH330933	Cemlyn Bay	2 records - 15/01/2007 - 17/12/2007
<i>Pluvialis squatarola</i>	Grey Plover	2	SH331932	Cemlyn NWWT Reserve	4 records - 26/01/2008 - 18/05/2013
<i>Pluvialis squatarola</i>	Grey Plover	2	SH332928	Cemlyn	3 records - 05/10/2000 - 07/12/2000
<i>Pluvialis squatarola</i>	Grey Plover	2	SH333933	Cemlyn Bay	29/04/2006
<i>Pluvialis squatarola</i>	Grey Plover	2	SH333942	Cemlyn	25/12/2000
<i>Pluvialis squatarola</i>	Grey Plover	2	SH335935	Cemlyn	10 records - 25/12/2006 - 25/12/2008
<i>Pluvialis squatarola</i>	Grey Plover	2	SH3393	Cemlyn	106 records - 14/05/1994 - 18/05/2013
<i>Podiceps grisegena</i>	Red-necked Grebe	2	SH3393	Cemlyn Bay	4 records - 30/01/1999 - 28/03/1999
<i>Puffinus griseus</i>	Sooty Shearwater	2	SH3293	Cemlyn	2 records - 26/06/1996 - 13/07/1996

Scientific Name	Common Name	Importance Category	Grid Reference	Location	Records Summary
<i>Puffinus griseus</i>	Sooty Shearwater	2	SH332940	SSSI: Cemlyn Bay; Headland	Dec-01
<i>Puffinus griseus</i>	Sooty Shearwater	2	SH333933	Cemlyn Bay	21/08/2006
<i>Puffinus griseus</i>	Sooty Shearwater	2	SH3393	Cemlyn	9 records - 07/07/1995 - 14/08/2008
<i>Puffinus griseus</i>	Sooty Shearwater	2	SH3594	Wylfa; Wylfa Head seawatches	2 records - 02/08/2006 - 02/09/2006
<i>Puffinus puffinus</i>	Manx Shearwater	2	SH3293	Cemlyn	1 record - Spring 1996 – Summer 1996
<i>Puffinus puffinus</i>	Manx Shearwater	2	SH330930	Cemlyn	29/04/2008
<i>Puffinus puffinus</i>	Manx Shearwater	2	SH330932	Cemlyn	6 records - 2002 - 17/07/2008
<i>Puffinus puffinus</i>	Manx Shearwater	2	SH331932	Cemlyn NWWT Reserve	3 records - 11/05/2013 - 18/05/2013
<i>Puffinus puffinus</i>	Manx Shearwater	2	SH333933	Cemlyn Bay	6 records - 27/04/2006 - 03/08/2006
<i>Puffinus puffinus</i>	Manx Shearwater	2	SH335935	Cemlyn	30/07/2007
<i>Puffinus puffinus</i>	Manx Shearwater	2	SH3393	Cemlyn	60 records - May 1994 - 21/05/2013
<i>Puffinus puffinus</i>	Manx Shearwater	2	SH3594	Wylfa; Wylfa Head seawatches	4 records - 12/08/2006 - 02/09/2006
<i>Puffinus puffinus</i>	Manx Shearwater	2	SH3793	Cemaes Bay	23/06/1999
<i>Pyrhula pyrrhula</i>	Common Bullfinch	2	SH3393	Cemlyn	40 records - 05/05/1998 - 11/07/2009
<i>Pyrhula pyrrhula</i>	Common Bullfinch	2	SH3592	Tregele	25/11/2002
<i>Pyrhula pyrrhula</i>	Common Bullfinch	2	SH3594	Wylfa	3 records - 23/03/2000 - 14/05/2002
<i>Pyrhula pyrrhula</i>	Common Bullfinch	2	SH3693	Cemaes Bay	17/08/1999
<i>Pyrhula pyrrhula</i>	Common Bullfinch	2	SH3793	Cemaes Bay	10 records - 12/01/2002 - 27/12/2008
<i>Regulus regulus</i>	Goldcrest	2	SH3393	Cemlyn	21 records - 28/04/1998 - 05/08/2010
<i>Riparia riparia</i>	Sand Martin	2	SH330932	Cemlyn	4 records - 04/05/2002 - 25/07/2008
<i>Riparia riparia</i>	Sand Martin	2	SH331932	Cemlyn NWWT Reserve	3 records - 11/05/2013 - 18/05/2013
<i>Riparia riparia</i>	Sand Martin	2	SH333933	Cemlyn Bay	4 records - 27/04/2006 - 03/08/2006
<i>Riparia riparia</i>	Sand Martin	2	SH335935	Cemlyn	3 records - 04/04/2007 - 09/04/2008
<i>Riparia riparia</i>	Sand Martin	2	SH3393	Cemlyn	71 records - 1994 - 28/06/2013
<i>Riparia riparia</i>	Sand Martin	2	SH3594	Wylfa	22/03/2000
<i>Riparia riparia</i>	Sand Martin	2	SH3793	Cemaes Bay	05/04/2002
<i>Scolopax rusticola</i>	Woodcock	2	SH329917		2005 approx
<i>Scolopax rusticola</i>	Woodcock	2	SH3393	Cemlyn	01/01/2008
<i>Scolopax rusticola</i>	Woodcock	2	SH3793	Cemaes Bay	29/01/1999
<i>Somateria mollissima</i>	Common Eider	2	SH329936	Cemlyn Bay	01/05/2004
<i>Somateria mollissima</i>	Common Eider	2	SH3393	Cemlyn	13 records - 14/06/1994 - 15/05/2013
<i>Stercorarius longicaudus</i>	Long-tailed Skua	2	SH330932	Cemlyn	2008
<i>Stercorarius longicaudus</i>	Long-tailed Skua	2	SH3594	Wylfa; Wylfa Head seawatches	12/08/2006
<i>Sterna hirundo</i>	Common Tern	2	SH3302093234	Cemlyn	02/06/2012
<i>Sterna hirundo</i>	Common Tern	2	SH3304493305	Cemlyn	02/06/2012
<i>Sterna hirundo</i>	Common Tern	2	SH33069330	SSSI: Cemlyn Bay; Islands	1996
<i>Sterna hirundo</i>	Common Tern	2	SH330932	Cemlyn	20 records - 2002 - 2008
<i>Sterna hirundo</i>	Common Tern	2	SH33149324	Cemlyn Bay Nature Reserve	18/05/2011
<i>Sterna hirundo</i>	Common Tern	2	SH331934	Cemlyn Lagoon 1	2000
<i>Sterna hirundo</i>	Common Tern	2	SH335935	Cemlyn	30/04/2007
<i>Sterna hirundo</i>	Common Tern	2	SH3393	Cemlyn	65 records - 1994 - 24/04/2012
<i>Sterna paradisaea</i>	Arctic Tern	2	SH329936	Cemlyn Bay	01/05/2004
<i>Sterna paradisaea</i>	Arctic Tern	2	SH3302093234	Cemlyn	02/06/2012
<i>Sterna paradisaea</i>	Arctic Tern	2	SH3304493305	Cemlyn	02/06/2012



Scientific Name	Common Name	Importance Category	Grid Reference	Location	Records Summary
<i>Sterna paradisaea</i>	Arctic Tern	2	SH33069330	SSSI: Cemlyn Bay; Islands	1996
<i>Sterna paradisaea</i>	Arctic Tern	2	SH330930	Cemlyn	29/04/2008
<i>Sterna paradisaea</i>	Arctic Tern	2	SH330932	Cemlyn	11 records - 2002 - 2008
<i>Sterna paradisaea</i>	Arctic Tern	2	SH33149324	Cemlyn Bay Nature Reserve	18/05/2011
<i>Sterna paradisaea</i>	Arctic Tern	2	SH331934	Cemlyn Lagoon 1	2000
<i>Sterna paradisaea</i>	Arctic Tern	2	SH332934	Cemlyn Bay	25/04/2000
<i>Sterna paradisaea</i>	Arctic Tern	2	SH333933	Cemlyn Bay	2 records - 27/04/2006 - 29/04/2006
<i>Sterna paradisaea</i>	Arctic Tern	2	SH3349293702	Cemlyn	02/06/2012
<i>Sterna paradisaea</i>	Arctic Tern	2	SH335935	Cemlyn Bay	30/04/2007
<i>Sterna paradisaea</i>	Arctic Tern	2	SH3393	Cemlyn	61 records - 1994 - 14/05/2011
<i>Sterna sandvicensis</i>	Sandwich Tern	2	SH328934	Cemlyn Bay	10/04/2003
<i>Sterna sandvicensis</i>	Sandwich Tern	2	SH3302093234	Cemlyn	02/06/2012
<i>Sterna sandvicensis</i>	Sandwich Tern	2	SH3304493305	Cemlyn	3 records - 02/06/2012 - June 2013
<i>Sterna sandvicensis</i>	Sandwich Tern	2	SH33069330	SSSI: Cemlyn Bay; Islands	1996
<i>Sterna sandvicensis</i>	Sandwich Tern	2	SH330932	Cemlyn	13 records - 2002 - 2008
<i>Sterna sandvicensis</i>	Sandwich Tern	2	SH331932	Cemlyn NWWT Reserve	5 records - 24/04/2008 - 18/05/2013
<i>Sterna sandvicensis</i>	Sandwich Tern	2	SH331934	Cemlyn Lagoon 1	2000
<i>Sterna sandvicensis</i>	Sandwich Tern	2	SH333933	Cemlyn; Bay	2 records - 27/04/2006 - 01/06/2011
<i>Sterna sandvicensis</i>	Sandwich Tern	2	SH335935	Cemlyn	2 records - 04/04/2007 - 09/04/2008
<i>Sterna sandvicensis</i>	Sandwich Tern	2	SH3393	Cemlyn	123 records - 1994 - 23/04/2012
<i>Sturnus vulgaris</i>	Common Starling	2	SH330932	Cemlyn	4 records - 29/06/2002 - 28/06/2008
<i>Sturnus vulgaris</i>	Common Starling	2	SH3393	Cemlyn	192 records - May 1994 - 08/07/2013
<i>Sturnus vulgaris</i>	Common Starling	2	SH3593	Wylfa; Power Station Nature trail	5 records - 14/02/1999 - 03/03/1999
<i>Sturnus vulgaris</i>	Common Starling	2	SH3691	Llanfechell	05/11/2004
<i>Sylvia borin</i>	Garden Warbler	2	SH3393	Cemlyn; Along coastal path	3 records - 06/05/2006 - 05/08/2011
<i>Sylvia borin</i>	Garden Warbler	2	SH343932	Cemlyn Bay	15/05/2003
<i>Sylvia borin</i>	Garden Warbler	2	SH3594	Wylfa	11/10/2002
<i>Sylvia communis</i>	Common Whitethroat	2	SH3282692991	Cemlyn	02/06/2012
<i>Sylvia communis</i>	Common Whitethroat	2	SH3302093234	Cemlyn	02/06/2012
<i>Sylvia communis</i>	Common Whitethroat	2	SH330932	Cemlyn	6 records - 2002 - 12/07/2008
<i>Sylvia communis</i>	Common Whitethroat	2	SH331928	Cemlyn; Plas Cemlyn	16/06/2011
<i>Sylvia communis</i>	Common Whitethroat	2	SH331932	Cemlyn NWWT Reserve	5 records - 24/04/2008 - 18/05/2013
<i>Sylvia communis</i>	Common Whitethroat	2	SH333933	Cemlyn Bay	2 records - 27/04/2006 - 23/05/2006
<i>Sylvia communis</i>	Common Whitethroat	2	SH3393	Cemlyn	92 records - May 1994 - 03/06/2012
<i>Tadorna tadorna</i>	Common Shelduck	2	SH3293	Cemlyn	3 records - Spring 1996 - Summer 1996
<i>Tadorna tadorna</i>	Common Shelduck	2	SH3294393545	Cemlyn – Car Park (North)	02/06/2012
<i>Tadorna tadorna</i>	Common Shelduck	2	SH3302093234	Cemlyn	3 records - 02/06/2012 - 03/06/2012
<i>Tadorna tadorna</i>	Common Shelduck	2	SH330932	Cemlyn	10 records - 10/05/2002 - 2008
<i>Tadorna tadorna</i>	Common Shelduck	2	SH331932	Cemlyn NWWT Reserve	5 records - 26/01/2008 - 18/05/2013
<i>Tadorna tadorna</i>	Common Shelduck	2	SH333933	Cemlyn Bay	08/06/2006
<i>Tadorna tadorna</i>	Common Shelduck	2	SH33579312	Cemlyn Bay	2 records - 2003-15/112003
<i>Tadorna tadorna</i>	Common Shelduck	2	SH3393	Cemlyn	253 records - 08/05/1994 - 30/04/2013
<i>Tringa erythropus</i>	Spotted Redshank	2	SH335935	Cemlyn	01/10/2007
<i>Tringa erythropus</i>	Spotted Redshank	2	SH3393	Cemlyn	4 records - 01/09/1994 - 02/10/2002

Scientific Name	Common Name	Importance Category	Grid Reference	Location	Records Summary
<i>Tringa totanus</i>	Common Redshank	2	SH3302093234	Cemlyn	2 records - 02/06/2012 - 03/06/2012
<i>Tringa totanus</i>	Common Redshank	2	SH330932	Cemlyn	13 records - 06/05/2002 - 19/07/2008
<i>Tringa totanus</i>	Common Redshank	2	SH3317493825	Cemlyn	02/06/2012
<i>Tringa totanus</i>	Common Redshank	2	SH331932	Cemlyn NWWT Reserve	5 records - 26/01/2008 - 18/05/2013
<i>Tringa totanus</i>	Common Redshank	2	SH3393	Cemlyn	189 records - May 1994 - 23/07/2013
<i>Turdus philomelos</i>	Song Thrush	2	SH330932	Cemlyn	4 records - 2002 - 2008
<i>Turdus philomelos</i>	Song Thrush	2	SH3393	Cemlyn	214 records - 13/08/1994 - June 2011
<i>Turdus philomelos</i>	Song Thrush	2	SH3593	Wylfa; Power Station nature Trail	5 records - 14/02/1999 - 03/03/1999
<i>Uria aalge</i>	Common Guillemot	2	SH330932	Cemlyn	6 records - 08/05/2002 - 28/05/2008
<i>Uria aalge</i>	Common Guillemot	2	SH331932	Cemlyn	3 records - 03/01/2008 - 12/11/2008
<i>Uria aalge</i>	Common Guillemot	2	SH3393	Cemlyn	23 records - 28/06/1994 - 08/08/2010
<i>Uria aalge</i>	Common Guillemot	2	SH3394	Cemlyn; Off shore	2011
<i>Accipiter nisus</i>	Sparrowhawk	3	SH3293	Cemlyn	4 records 02/06/1996 - 24/07/1996
<i>Accipiter nisus</i>	Sparrowhawk	3	SH3293993356	Cemlyn	02/06/2012
<i>Accipiter nisus</i>	Sparrowhawk	3	SH330932	Cemlyn	9 records 05/05/2002 - 18/05/2013
<i>Accipiter nisus</i>	Sparrowhawk	3	SH3346893038	Cemlyn	02/06/2012
<i>Accipiter nisus</i>	Sparrowhawk	3	SH3393	Cemlyn	59 records 19/05/1994 - July 2011
<i>Accipiter nisus</i>	Sparrowhawk	3	SH3592	Tregele	06/12/2008
<i>Accipiter nisus</i>	Sparrowhawk	3	SH3594	Wylfa	15/03/2006
<i>Accipiter nisus</i>	Sparrowhawk	3	SH3793	Cemaes Bay	14 records 09/04/2000 - 24/09/2008
<i>Acrocephalus schoenobaenus</i>	Sedge Warbler	3	SH3293	Cemlyn/Henborth	27/07/2004
<i>Acrocephalus schoenobaenus</i>	Sedge Warbler	3	SH330932	Cemlyn	7 records 2002 - 22/07/2008
<i>Acrocephalus schoenobaenus</i>	Sedge Warbler	3	SH331932	Cemlyn NWWT Reserve	18/05/2013
<i>Acrocephalus schoenobaenus</i>	Sedge Warbler	3	SH333933	Cemlyn Bay	29/04/2006
<i>Acrocephalus schoenobaenus</i>	Sedge Warbler	3	SH335935	Cemlyn	14/05/2007
<i>Acrocephalus schoenobaenus</i>	Sedge Warbler	3	SH3393	Cemlyn	70 records 1999 - Spring 2011
<i>Acrocephalus scirpaceus</i>	Reed Warbler	3	SH330932	Cemlyn	01/06/2008
<i>Acrocephalus scirpaceus</i>	Wylfa	3	SH3393	Cemlyn	6 records 10/05/1997 - 39/07/2010
<i>Alca torda</i>	Razorbill	3	SH330932	Cemlyn	5 records 26/05/2002 - 26/01/2008
<i>Alca torda</i>	Razorbill	3	SH3393	Cemlyn	19 records 04/06/1994 - 03/06/2012
<i>Alca torda</i>	Razorbill	3	SH3394	Cemlyn; Off shore	2011
<i>Anthus petrosus</i>	Rock Pipit	3	SH330932	Cemlyn	7 records 04/05/2002 - July 2008
<i>Anthus petrosus</i>	Rock Pipit	3	SH3311193874	Cemlyn	12/05/2013
<i>Anthus petrosus</i>	Rock Pipit	3	SH331932	Cemlyn NWWT Reserve	3 records 2005 - 2008
<i>Anthus petrosus</i>	Rock Pipit	3	SH335935	Cemlyn	6 records 2008
<i>Anthus petrosus</i>	Rock Pipit	3	SH3393	Cemlyn	24 records - 13/06/1994 - 29/04/2013
<i>Athene noctua</i>	Little Owl	3	SH332928	Cemlyn Bay	23/06/2000
<i>Athene noctua</i>	Little Owl	3	SH333933	Cemlyn Bay	29/04/2006
<i>Athene noctua</i>	Little Owl	3	SH335935	Cemlyn	4 records - 14/05/2007 - 13/09/2007
<i>Athene noctua</i>	Little Owl	3	SH3393	Cemlyn	35 records - 1994 - 08/08/2010
<i>Athene noctua</i>	Little Owl	3	SH343932	Cafnan, Cemlyn	15/05/2003
<i>Athene noctua</i>	Little Owl	3	SH344931	Cemlyn Bay	01/05/2004
<i>Athene noctua</i>	Little Owl	3	SH3691	Llanfechell	18/07/2005
<i>Athene noctua</i>	Little Owl	3	SH3793	Cemaes Bay	23/03/1999

Scientific Name	Common Name	Importance Category	Grid Reference	Location	Records Summary
<i>Buteo buteo</i>	Buzzard	3	SH330932	Cemlyn	6 records - 18/07/2002 - 2003
<i>Buteo buteo</i>	Buzzard	3	SH331932	Cemlyn NWWT Reserve	4 records - 26/01/2008 - 18/05/2013
<i>Buteo buteo</i>	Buzzard	3	SH335935	Cemlyn	09/04/2008
<i>Buteo buteo</i>	Buzzard	3	SH3393	Cemlyn	134 records - 12/05/1994 - 08/08/2013
<i>Buteo buteo</i>	Buzzard	3	SH3592	Tregele	3 records - 10/06/2008 - 20/06/2008
<i>Buteo buteo</i>	Buzzard	3	SH3594	Wylfa	17/02/2008
<i>Buteo buteo</i>	Buzzard	3	SH3793	Cemaes Bay	8 records - 03/03/1999 - 25/09/2008
<i>Calidris ferruginea</i>	Curlew Sandpiper	3	SH330932	Cemlyn	3 records - 20/05/2002 - 25/07/2002
<i>Calidris ferruginea</i>	Curlew Sandpiper	3	SH335935	Cemlyn	13/09/2007
<i>Calidris ferruginea</i>	Curlew Sandpiper	3	SH3393	Cemlyn	18 records - 31/05/1997 - 27/05/2012
<i>Calidris minuta</i>	Little Stint	3	SH330931	Cemlyn; Lagoon area	2 records - 26/05/2011 - 03/06/2011
<i>Calidris minuta</i>	Little Stint	3	SH3393	Cemlyn	11 records - 12/05/1994 - 02/08/2010
<i>Carduelis carduelis</i>	Goldfinch	3	SH3308892907	Cemlyn	02/06/2012
<i>Carduelis carduelis</i>	Goldfinch	3	SH330932	Cemlyn	3 records - 03/05/2002 - 20/07/2008
<i>Carduelis carduelis</i>	Goldfinch	3	SH331932	Cemlyn NWWT Reserve	4 records - 03/01/2008 - 18/05/2013
<i>Carduelis carduelis</i>	Goldfinch	3	SH3393	Cemlyn	36 records - 04/05/1994 - 31/07/2013
<i>Carduelis carduelis</i>	Goldfinch	3	SH3793	Cemaes Bay	25/04/2008
<i>Carduelis chloris</i>	Greenfinch	3	SH330932	Cemlyn	6 records - June 2002 - 20/07/2008
<i>Carduelis chloris</i>	Greenfinch	3	SH3393	Cemlyn	127 records - May 1994 - 08/08/2010
<i>Carduelis chloris</i>	Greenfinch	3	SH3593	Wylfa; Power Station Nature Trail	4 records - 16/02/1999 - 03/03/1999
<i>Carduelis flammea</i>	Mealy Redpoll	3	SH3393	Cemlyn	9 records - 03/05/1994 - 18/06/1999
<i>Carduelis spinus</i>	Siskin	3	SH3393	Cemlyn	20 records - 17/05/1994 - 16/05/2013
<i>Carduelis spinus</i>	Siskin	3	SH3693	Cemaes Bay	27/03/1999
<i>Carduelis spinus</i>	Siskin	3	SH3793	Cemaes Bay	9 records - 13/01/2000 - 28/04/2008
<i>Certhia familiaris</i>	Treecreeper	3	SH3793	Cemaes Bay	2 records - 12/01/2000 - 13/01/2000
<i>Columba oenas</i>	Stock Pigeon	3	SH331932	Cemlyn	2 records - all 26/01/2008
<i>Columba oenas</i>	Stock Pigeon	3	SH3393	Cemlyn	4 records - 30/05/1998 - 13/07/2011
<i>Corvus corax</i>	Common Raven	3	SH328927	Cemlyn; Bwthyn Penreos	2011
<i>Corvus corax</i>	Common Raven	3	SH330932	Cemlyn	5 records - 23/06/2002 - 2008
<i>Corvus corax</i>	Common Raven	3	SH331932	Cemlyn NWWT Reserve	3 records - 26/01/2008 - 18/05/2013
<i>Corvus corax</i>	Common Raven	3	SH333933	Cemlyn Bay	6 records - 27/04/2006 - 25/12/2006
<i>Corvus corax</i>	Common Raven	3	SH335935	Cemlyn	7 records - 30/01/2007 - 25/12/2007
<i>Corvus corax</i>	Common Raven	3	SH3393	Cemlyn	123 records - 23/06/1994 - 24/04/2012
<i>Corvus corax</i>	Common Raven	3	SH3593	Wylfa; Power Station Nature trail	3 records - 21/02/1999 - 03/03/1999
<i>Corvus corax</i>	Common Raven	3	SH3793	Cemaes Bay	20 records - 11/02/2002 - 09/09/2002
<i>Corvus corax</i>	Common Raven	3	SH3794	Llanbadrig	7 records - 15/02/1999 - 18/04/1999
<i>Cyanistes caeruleus</i>	Blue Tit	3	SH330932	Cemlyn	5 records - 2002 - 2008
<i>Cyanistes caeruleus</i>	Blue Tit	3	SH331932	Cemlyn NWWT Reserve	2 records - 26/01/2008 - 18/05/2013
<i>Cyanistes caeruleus</i>	Blue Tit	3	SH3393	Cemlyn	240 records - 20/06/1994 - 08/08/2013
<i>Cyanistes caeruleus</i>	Blue Tit	3	SH3593	Wylfa; Power station nature trail	6 records - 14/02/1999 - 03-03-1999
<i>Dendrocopos major</i>	Great Spotted Woodpecker	3	SH327928	Cemlyn; Bwthyn Penreos	4 records - 21/06/2011 - 07/07/2011
<i>Dendrocopos major</i>	Great Spotted Woodpecker	3	SH330932	Cemlyn	2 records - 12/07/2003 - 15/07/2008
<i>Dendrocopos major</i>	Great Spotted Woodpecker	3	SH335935	Cemlyn	01/10/2007
<i>Dendrocopos major</i>	Great Spotted Woodpecker	3	SH3393	Cemlyn	9 records - 06/06/1998 - 01/05/2012



Scientific Name	Common Name	Importance Category	Grid Reference	Location	Records Summary
<i>Dendrocopos major</i>	Great Spotted Woodpecker	3	SH3493	Cemlyn Bay; Cefnau	18/01/2000
<i>Dendrocopos major</i>	Great Spotted Woodpecker	3	SH3793	Cemaes Bay	2 records - 27/02/2002 - 27/09/2005
<i>Egretta garzetta</i>	Little Egret	3	SH3302093234	Cemlyn	4 records - 19/07/2013 - 02/08/2013
<i>Egretta garzetta</i>	Little Egret	3	SH3304493305	Cemlyn; In lagoon	23/04/2013 – 26/05/2013
<i>Egretta garzetta</i>	Little Egret	3	SH330932	Cemlyn	29/04/2008 – 10/05/2008
<i>Egretta garzetta</i>	Little Egret	3	SH330933	Cemlyn Bay	15/01/2007
<i>Egretta garzetta</i>	Little Egret	3	SH331932	Cemlyn NWWT Reserve	6 records - 26/01/2008 - 18/05/2013
<i>Egretta garzetta</i>	Little Egret	3	SH333933	Cemlyn Bay	17/07/2006
<i>Egretta garzetta</i>	Little Egret	3	SH335935	Cemlyn	4 records - 25/12/2006 - 25/12/2008
<i>Egretta garzetta</i>	Little Egret	3	SH3393	Cemlyn	72 records - 02/05/1994 - 17/05/2012
<i>Egretta garzetta</i>	Little Egret	3	SH3793	Cemaes Bay	17/12/2008
<i>Mergus merganser</i>	Goosander	3	SH3393	Cemlyn	3 records - 21/07/2005 - 09/06/2011
<i>Motacilla alba</i>	Pied Wagtail	3	SH3308792863	Cemlyn; Outside Warden's house	02/06/2012
<i>Motacilla alba</i>	Pied Wagtail	3	SH331932	Cemlyn NWWT Reserve	2 records - all 18/05/2013
<i>Motacilla alba</i>	Pied Wagtail	3	SH3393	Cemlyn	4 records - May 1998 - 03/06/2012
<i>Motacilla alba subsp. alba</i>	White Wagtail	3	SH3293	Cemlyn/Henborth	26/04/2008
<i>Motacilla alba subsp. alba</i>	White Wagtail	3	SH330932	Cemlyn	03/05/2008
<i>Motacilla alba subsp. alba</i>	White Wagtail	3	SH335935	Cemlyn	09/04/2008
<i>Motacilla alba subsp. alba</i>	White Wagtail	3	SH3393	Cemlyn	51 records - May 1994 - 03/06/2012
<i>Motacilla alba subsp. yarrellii</i>	Pied Wagtail	3	SH328934	Cemlyn; Bryn Aber	Spring 2011
<i>Motacilla alba subsp. yarrellii</i>	Pied Wagtail	3	SH3294393545	Cemlyn – Car Park (North)	02/06/2012
<i>Motacilla alba subsp. yarrellii</i>	Pied Wagtail	3	SH330932	Cemlyn	8 records - 2002 - July 2008
<i>Motacilla alba subsp. yarrellii</i>	Pied Wagtail	3	SH331928	Cemlyn; Plas Cemlyn	Spring 2011
<i>Motacilla alba subsp. yarrellii</i>	Pied Wagtail	3	SH331932	Cemlyn NWWT Reserve	3 records - 26/01/2008 - 18/05/2013
<i>Motacilla alba subsp. yarrellii</i>	Pied Wagtail	3	SH3393	Cemlyn	63 records - May 1994 - 03/06/2012
<i>Motacilla cinerea</i>	Grey Wagtail	3	SH330932	Cemlyn	20/07/2008
<i>Motacilla cinerea</i>	Grey Wagtail	3	SH3393	Cemlyn	43 records - 26/06/1995 - 28/06/2013
<i>Motacilla cinerea</i>	Grey Wagtail	3	SH3793	Cemaes Bay	48 records - 10/04/1999 - 27/12/2008
<i>Motacilla flava</i>	Yellow Wagtail	3	SH3393	Cemlyn	26 records - 30/04/1998 - 15/05/2013
<i>Motacilla flava subsp. flava</i>	Blue-Headed Wagtail	3	SH3393	Cemlyn	11 records - 14/05/1994 - 06/05/2011
<i>Parus major</i>	Great Tit	3	SH328934	Cemlyn; Bryn Aber	Jun-11
<i>Parus major</i>	Great Tit	3	SH330932	Cemlyn	5 records - 2002 - 2008
<i>Parus major</i>	Great Tit	3	SH331932	Cemlyn NWWT Reserve	2 records - 26/01/2008 - 18/05/2013
<i>Parus major</i>	Great Tit	3	SH335929	Cemlyn; Tyddyn Sidney	Jun-11
<i>Parus major</i>	Great Tit	3	SH3393	Cemlyn	136 records - May 1994 - 08/08/2013
<i>Parus major</i>	Great Tit	3	SH3593	Wylfa; Power station nature trail	6 records - 14/02/1999 - 03-03-1999
<i>Phalacrocorax aristotelis</i>	Shag	3	SH3293	Cemlyn	2 records - 06/05/1996 - 27/06/1996
<i>Phalacrocorax aristotelis</i>	Shag	3	SH330932	Cemlyn	4 records - 05/08/2002 - 20/06/2008
<i>Phalacrocorax aristotelis</i>	Shag	3	SH331932	Cemlyn NWWT Reserve	5 records - 03/01/2008 - 18/05/2013
<i>Phalacrocorax aristotelis</i>	Shag	3	SH3393	Cemlyn	29 records - 30/06/1994 - 03/06/2012
<i>Phylloscopus collybita</i>	Common Chiffchaff	3	SH330932	Cemlyn	21/05/2002
<i>Phylloscopus collybita</i>	Common Chiffchaff	3	SH331932	Cemlyn NWWT Reserve	18/05/2013
<i>Phylloscopus collybita</i>	Common Chiffchaff	3	SH335935	Cemlyn	2 records - 14/05/2007 - 09/04/2008
<i>Phylloscopus collybita</i>	Common Chiffchaff	3	SH3393	Cemlyn	43 records - 02/05/1994 - 01/06/2013

Scientific Name	Common Name	Importance Category	Grid Reference	Location	Records Summary
<i>Phylloscopus collybita</i>	Common Chiffchaff	3	SH3594	Wylfa	2 records - 30/03/2002 - 14/05/2002
<i>Phylloscopus collybita</i>	Common Chiffchaff	3	SH3793	Cemaes Bay	3 records - 31/03/2002 - 26/03/2005
<i>Podiceps cristatus</i>	Great Crested Grebe	3	SH330932	Cemlyn	17/05/2008
<i>Podiceps cristatus</i>	Great Crested Grebe	3	SH3349293702	Cemlyn	3 records - 24/04/2013 - 21/05/2013
<i>Podiceps cristatus</i>	Great Crested Grebe	3	SH3393	Cemlyn	24 records - 26/08/1994 - 07/05/2013
<i>Prunella modularis</i>	Dunnock	3	SH330932	Cemlyn	5 records - 2002 - 2008
<i>Prunella modularis</i>	Dunnock	3	SH331932	Cemlyn NWWT Reserve	4 records - 26/01/2008 - 18/05/2013
<i>Prunella modularis</i>	Dunnock	3	SH3393	Cemlyn	205 records - 1994 - 03/06/2012
<i>Prunella modularis</i>	Dunnock	3	SH3594	Wylfa; Power Station nature Trail	5 records - 14/02/1999 - 03/03/1999
<i>Rallus aquaticus</i>	Water Rail	3	SH335935	Cemlyn	4 records - 25/12/2006 - 23/11/2007
<i>Rallus aquaticus</i>	Water Rail	3	SH3393	Cemlyn Bay	12 records - 18/09/1995 - 22/12/2000
<i>Rallus aquaticus</i>	Water Rail	3	SH3493	Cafnan, Cemlyn	10 records - 06/01/2000 - 17/12/2000
<i>Rissa tridactyla</i>	Kittiwake	3	SH3304493305	Cemlyn	3 records - 29/04/2013 - 10/05/2013
<i>Rissa tridactyla</i>	Kittiwake	3	SH330931	Cemlyn; Lagoon	2011
<i>Rissa tridactyla</i>	Kittiwake	3	SH330932	Cemlyn	5 records - 26/05/2002 - 29/06/2008
<i>Rissa tridactyla</i>	Kittiwake	3	SH331932	Cemlyn NWWT Reserve	4 records - 03/01/2008 - 18/05/2013
<i>Rissa tridactyla</i>	Kittiwake	3	SH3393	Cemlyn	48 records - May 1994 - 03/06/2012
<i>Rissa tridactyla</i>	Kittiwake	3	SH3594	Wylfa; Wylfa Head seawatches	4 records - 12/08/2006 - 02/09/2006
<i>Saxicola rubetra</i>	Whinchat	3	SH330932	Cemlyn	02/05/2002
<i>Saxicola rubetra</i>	Whinchat	3	SH333933	Cemlyn Bay	27/07/2006
<i>Saxicola rubetra</i>	Whinchat	3	SH335935	Cemlyn	30/07/2007
<i>Saxicola rubetra</i>	Whinchat	3	SH3393	Cemlyn	51 records - 02/05/1994 - 17/05/2013
<i>Saxicola torquata</i>	Stonechat	3	SH330932	Cemlyn	8 records - 2002 - June 2008
<i>Saxicola torquata</i>	Stonechat	3	SH331932	Cemlyn NWWT Reserve	6 records - 03/01/2008 - 18/05/2013
<i>Saxicola torquata</i>	Stonechat	3	SH3393	Cemlyn	138 records - 1994 - 2011
<i>Stercorarius skua</i>	Great Skua	3	SH330932	Cemlyn	29/05/2002
<i>Stercorarius skua</i>	Great Skua	3	SH3393	Cemlyn	15 records - 08/07/1994 - 18/07/2011
<i>Stercorarius skua</i>	Great Skua	3	SH3594	Wylfa; Wylfa Head seawatches	3 records - 28/08/2006 - 02/09/2006
<i>Strix aluco</i>	Tawny Owl	3	SH330932	Cemlyn	May-08
<i>Strix aluco</i>	Tawny Owl	3	SH3393	Cemlyn	4 records - 01/06/1996 - 31/07/2007
<i>Sylvia atricapilla</i>	Blackcap	3	SH330932	Cemlyn	2 records - 28/04/2008 - 03/05/2008
<i>Sylvia atricapilla</i>	Blackcap	3	SH3393	Cemlyn	14 records - 18/05/1998 - 08/07/2013
<i>Sylvia atricapilla</i>	Blackcap	3	SH3592	Tregele; The Firs	02/05/1999
<i>Sylvia atricapilla</i>	Blackcap	3	SH3793	Cemaes Bay	19 records - 19/01/2000 - 31/03/2008
<i>Sylvia curruca</i>	Lesser Whitethroat	3	SH330932	Cemlyn	3 records - 09/05/2002 - 04/05/2008
<i>Sylvia curruca</i>	Lesser Whitethroat	3	SH333933	Cemlyn Bay	17/07/2006
<i>Sylvia curruca</i>	Lesser Whitethroat	3	SH335929	Cemlyn; Tyddyn Sidney	11/07/2011
<i>Sylvia curruca</i>	Lesser Whitethroat	3	SH335935	Cemlyn	14/05/2007
<i>Sylvia curruca</i>	Lesser Whitethroat	3	SH3393	Cemlyn	15 records - 20/05/1996 - 03/08/2013
<i>Sylvia curruca</i>	Lesser Whitethroat	3	SH344931	Cemlyn Bay	07/05/2004
<i>Sylvia curruca</i>	Lesser Whitethroat	3	SH3594	Wylfa	14/05/2002

## Appendix B. Combined Results – Summary

Table B.1 : Over-wintering Birds Results Summary

Species	Protection/Conservation Status						Survey Year			
	Annex I	Schedule 1 (WCA, 1981)	Section 42 (NEFC Act, 2006)	LBAP	Red List	Amber List	2009/2010 & 2010/2011	2012-2013	2013-2014	2014-2015
Bar-tailed godwit	X	-	X	-	-	X	-	-	X	-
Black-tailed godwit	-	X	-	-	X	-	X	-	-	-
Black redstart	-	X	-	-	X	-	X	-	-	-
Blackbird	-	-	-	-	-	-	X	X	X	X
Black-headed gull	-	-	X	-	-	X	X	X	X	X
Blue tit	-	-	-	-	-	-	X	X	X	X
Bullfinch	-	-	X	-	-	X	X	X	X	X
Buzzard	-	-	-	-	-	-	X	X	X	X
Canada goose	-	-	-	-	-	-	X	X	X	X
Carrion crow	-	-	-	-	-	-	X	X	X	X
Chaffinch	-	-	-	-	-	-	X	X	X	X
Chiffchaff	-	-	-	-	-	-	X	-	X	X
Chough	X	X	X	X	-	-	X	X	X	X
Coal tit	-	-	-	-	-	-	X	-	X	X
Collared dove	-	-	-	-	-	-	X	X	X	X
Common gull	-	-	-	-	-	X	X	X	X	-
Common sandpiper	-	-	-	-	-	X	X	-	-	-
Common snipe	-	-	-	-	-	X	X	X	X	X
Coot	-	-	-	-	-	-	-	X	-	X
Cormorant	-	-	-	-	-	-	X	X	-	-
Curlew	-	-	X	-	X	-	X	X	X	X
Dunnoch	-	-	X	-	-	X	X	X	X	X

Species	Protection/Conservation Status						Survey Year			
	Annex I	Schedule 1 (WCA, 1981)	Section 42 (NERC Act, 2006)	LBAP	Red List	Amber List	2009/2010 & 2010/2011	2012-2013	2013-2014	2014-2015
Feral pigeon	-	-	-	-	-	-	X	X	X	X
Fieldfare	-	X	-	-	X	-	X	X	X	X
Gadwall	-	-	-	-	-	X	-	X	-	-
Goldcrest	-	-	-	-	-	-	X	X	X	X
Golden plover	X	-	X	-	-	-	X	X	-	-
Goldfinch	-	-	-	-	-	-	X	X	X	X
Goshawk	X	X	-	-	-	-	-	X	-	-
Great black-backed gull	-	-	-	-	-	X	X	X	X	X
Great crested grebe	-	-	-	-	-	-	-	X	-	-
Great spotted woodpecker	-	-	-	-	-	-	X	X	X	X
Great tit	-	-	-	-	-	-	X	X	X	X
Greater scaup	-	X	-	-	X	-	-	X	-	-
Green woodpecker	-	-	-	-	-	X	-	X	-	-
Greenfinch	-	-	-	-	-	-	X	X	X	X
Greenshank	-	X	-	-	-	X	-	X	-	-
Grey heron	-	-	-	-	-	-	X	X	X	X
Grey plover	-	-	-	-	-	X	X	-	-	-
Grey wagtail	-	-	-	-	X	-	X	X	X	X
Greylag goose	-	-	-	-	-	X	X	X	X	X
Guillemot	-	-	-	-	-	X	-	X	-	-
Hen harrier	X	X	X	-	X	-	-	-	X	-
Herring gull	-	-	X	-	X	-	X	X	X	X
House sparrow	-	-	X	-	X	-	X	X	X	X
Jackdaw	-	-	-	-	-	-	X	X	X	X

Species	Protection/Conservation Status						Survey Year			
	Annex I	Schedule 1 (WCA, 1981)	Section 42 (NERC Act, 2006)	LBAP	Red List	Amber List	2009/2010 & 2010/2011	2012-2013	2013-2014	2014-2015
Kestrel	-	-	X	-	-	X	X	X	X	X
Lapwing	-	-	X	-	X	-	X	X	X	X
Lesser black-backed gull	-	-	-	-	-	X	X	X	X	X
Lesser redpoll	-	-	X	-	X	-	-	-	X	-
Linnet	-	-	X	-	X	-	X	X	X	X
Little egret	X	-	-	-	-	-	X	X	X	X
Long-tailed tit	-	-	-	-	-	-	X	X	X	X
Magpie	-	-	-	-	-	-	X	X	X	X
Mallard	-	-	-	-	-	X	X	X	X	X
Meadow pipit	-	-	-	-	-	X	X	X	X	X
Merlin	X	X	-	-	X	-	-	X	X	X
Mistle thrush	-	-	-	-	X	-	X	X	X	X
Moorhen	-	-	-	-	-	-	-	-	X	-
Mute swan	-	-	-	-	-	-	X	X	-	-
Oystercatcher	-	-	-	-	-	X	X	X	X	X
Peregrine	X	X	-	-	-	-	X	X	X	X
Pheasant	-	-	-	-	-	-	X	X	X	X
Pied wagtail	-	-	-	-	-	-	X	X	X	X
Pintail	-	X	-	-	-	X	-	X	-	-
Raven	-	-	-	-	-	-	X	X	X	X
Red-breasted merganser	-	-	-	-	-	-	-	X	-	-
Red-legged partridge	-	-	-	-	-	-	-	X	X	-
Redshank	-	-	-	-	-	X	X	X	-	X
Redwing	-	X	-	-	X	-	X	X	X	X

Species	Protection/Conservation Status						Survey Year			
	Annex I	Schedule 1 (WCA, 1981)	Section 42 (NERC Act, 2006)	LBAP	Red List	Amber List	2009/2010 & 2010/2011	2012-2013	2013-2014	2014-2015
Red kite	X	X	-	-	-	-	-	X	-	-
Reed bunting	-	-	X	-	-	X	X	X	X	X
Ringed plover	-	-	X	-	X	-	X	-	-	-
Robin	-	-	-	-	-	-	X	X	X	X
Rock pipit	-	-	-	-	-	-	X	X	X	X
Rook	-	-	-	-	-	-	X	X	X	X
Shag	X	-	-	-	X	-	-	X	-	-
Shelduck	-	-	-	-	-	X	X	X	X	-
Siskin	-	-	-	-	-	-	X	-	X	-
Skylark	-	-	X	X	X	-	-	-	X	X
Song thrush	-	-	X	X	X	-	X	X	X	X
Sparrowhawk	-	-	-	-	-	-	X	X	X	X
Starling	-	-	X	-	X	-	X	X	X	X
Stock dove	-	-	-	-	-	X	-	X	X	-
Stonechat	-	-	-	-	-	-	X	X	-	X
Tawny owl	-	-	-	-	-	X	-	X	-	X
Teal	-	-	-	-	-	X	X	X	X	X
Treecreeper	-	-	-	-	-	-	-	X	X	X
Tufted duck	-	-	-	-	-	-	-	X	-	-
Turnstone	-	-	-	-	-	X	X	X	-	X
Twite	-	-	X	-	X	-	-	X	-	-
Water rail	-	-	-	-	-	-	X	-	-	-
Wheatear	-	-	-	-	-	-	X	X	-	-
Whimbrel	-	X	-	-	X	-	-	X	-	-

Species	Protection/Conservation Status						Survey Year			
	Annex I	Schedule 1 (WCA, 1981)	Section 42 (NERC Act, 2006)	LBAP	Red List	Amber List	2009/2010 & 2010/2011	2012-2013	2013-2014	2014-2015
Whinchat	-	-	-	-	X	-	-	X	-	-
Wigeon	-	-	-	-	-	X	X	X	X	-
Wood pigeon	-	-	-	-	-	-	X	X	X	X
Woodcock	-	-	-	-	X	-	X	X	X	-
Wren	-	-	-	-	-	-	X	X	X	X
<b>Totals</b>	<b>10</b>	<b>14</b>	<b>20</b>	<b>3</b>	<b>23</b>	<b>29</b>	<b>73</b>	<b>85</b>	<b>69</b>	<b>63</b>