

## 7.3 SUMMARY OF SEWBREC DATA SEARCH

- 7.3.1 The South East Wales Biodiversity Records Centre search provided data for a 500m radius of the site boundary for protected and priority species and species of conservation concern, extending to 1km for more mobile species (birds and bats). Other species records were limited to a 50m search buffer.
- 7.3.2 The data search provided very few species records from within the site. The most significant record is of an Otter close to the north-western boundary in 2000. Other records for the site include several butterfly species from the northern part, in 1998 and 2000, and a Reed Warbler singing in the northern part in 2007.
- 7.3.3 Several records of protected and priority species were obtained from the wider area around the site. These included several additional Otter records within 1km; all associated with the river Usk (except for one road casualty on the A4042). There was also a 2009 record of Lesser Horseshoe Bat beside the Usk north of the M4 motorway, and two 2010 records of Common Pipistrelle bats approximately 100m east of the site boundary, to the east of the railway-line. A Whiskered Bat was recorded approximately 700m southwest of the site in 2005. A Stoat was recorded by the river Usk at Glebelands in 2008. There were no records of any reptiles, and the only record of an amphibian was a pre-1960s record of Smooth Newt, from the general vicinity of Langstone, to the east of the site.
- 7.3.4 There are many recent records of birds from the Moorings SINC, which is located approximately 1km north-east of the site, upstream along the Usk. Protected and priority birds from the Moorings include Cetti's Warbler, Bearded Tit, Greenshank, Redshank, Reed Bunting, Brambling, Mediterranean Gull, Hobby and Lapwing. Other protected and priority bird species recorded in the wider area around the site include House Sparrow, Dunnock, Starling, Sparrowhawk and Skylark. The Moorings also supported many bird species of Conservation Concern, including Teal, Wigeon, Mallard, Meadow Pipit, Knot, Mute Swan, House Martin, Little Egret, Snipe, Oystercatcher, Swallow, Mew Gull, Lesser Black-backed Gull, Greater Black-backed Gull, Grey Wagtail, Cormorant, Willow Warbler, Green Woodpecker, Water Rail, Sand Martin, Stonechat, Shelduck, Spotted Redshank, Redshank and Mistle Thrush.
- 7.3.5 Apart from the butterflies recorded at Glebelands, the only other significant invertebrate records revealed by the data search were of Short-winged Conehead Cricket to the west side of the Usk, and Latticed Heath Moth (no location given). There is an anonymous pre-1993 record for the non-native invasive Signal Crayfish from 1km grid-square ST3188, to the south of the site. This is a problem species with no value for nature conservation. The record is almost certainly from outside the site because there is no suitable crayfish habitat within the small part of it that falls inside this grid square.
- 7.3.6 There were very few records of plant species records of conservation significance. Bluebell has been reported from nearby woodlands. Sea Buckthorn has been seen beside the A4042 bridge approximately 0.5km from the site. Dittander and Charlock have been recorded from Glebelands, to the north of the site, and Parsley Water-dropwort has been recorded at Pilmawr, approximately 1km north of the site.
- 7.3.7 All of the other SEWBReC records were of relatively common species located outside the site boundary, with little significance for nature conservation or relevance to the current assessment.

7.3.8 The following tables summarise the species of nature conservation significance that were found by the SEWBRc data search. The abbreviations used in the tables are summarised in Table 7.3.1 below. Species with no special significance for nature conservation have not been listed.

**Table 7.3.1. Abbreviations used in SEWBRc species lists.**

<b>Abbreviation</b>	<b>Nature conservation status</b>
BDIr1	EC Birds Directive Annex 1 Species
BDIr22	EC Birds Directive Annex 2.2 Species
Bern	Bern Convention on the Conservation of European Wildlife and Natural Habitats
Bonn	The Bonn Convention on the Conservation of Migratory Species of Wild Animals Species
CITES	Convention on International Trade in Endangered Species of Wild Fauna and Flora Species
EPS	European Protected Species
HDir	EU Habitats Directive Species
LBAP	Newport Local Biodiversity Action Plan Species
LI	Locally Important Species (as identified by local specialists) in SEWBRc area.
RD2	Red Data Book Species (not based on IUCN criteria)
S42	NERC Act Section 42 Species (Priority Species in Wales)
UKBAm	RSPB UK Amber listed birds (not based on IUCN criteria)
UKBAP	UK Biodiversity Action Plan Priority Species
UKBR	RSPB UK Red listed birds (not based on IUCN criteria)
WBAm	RSPB Welsh Amber listed birds (not based on IUCN criteria)
WBR	RSPB Welsh Red listed birds (not based on IUCN criteria)
WCA1.1	Wildlife and Countryside Act Schedule 1 Part 1 Species
WCA5	Wildlife and Countryside Act Schedule 5 Species
WCA8	Wildlife and Countryside Act Schedule 8 Species
WVP	IUCN Threat Listing of Welsh Vascular Plants

**Table 7.3.2. Protected and priority species (500m / 1km search buffer)**

(Species with European and UK Legal Protection, Section 42 [NERC] Species & UK BAP Priority Species.)

<b>Scientific name</b>	<b>Common name</b>	<b>Nature conservation status</b>
<i>Accipiter nisus</i>	Eurasian Sparrowhawk	Bonn, Bern, CITES
<i>Alauda arvensis</i>	Sky Lark	BDIr22, S42, Bern, RD2, WBAm, UKBR
<i>Cettia cetti</i>	Cetti's Warbler	WCA1.1, Bern
<i>Charadrius dubius</i>	Little Plover	WCA1.1, Bonn, Bern, RD2, UKBAm
<i>Emberiza schoeniclus</i>	Reed Bunting	S42, UKBAP, Bern, RD2, WBAm, UKBR
<i>Falco subbuteo</i>	Eurasian Hobby	WCA1.1, Bonn, Bern, CITES, WBAm
<i>Falco tinnunculus</i>	Common Kestrel	S42, Bonn, Bern, CITES, RD2, WBR, UKBAm
<i>Fringilla montifringilla</i>	Brambling	WCA1.1, Bern
<i>Hyacinthoides non-scripta</i>	Bluebell	WCA8 (Sect 13(2) only)
<i>Larus melanocephalus</i>	Mediterranean Gull	BDIr1, WCA1.1, Bonn, Bern, RD2, WBAm, UKBAm
<i>Lissotriton vulgaris</i>	Smooth Newt	WCA5, Bern
<i>Lutra lutra</i>	European Otter	EPS, HDir, WCA5, S42, UKBAP, Bern, CITES
<i>Mustela erminea</i>	Stoat	Bern, LBAP
<i>Myotis mystacinus</i>	Whiskered Bat	EPS, HDir, WCA5, Bonn, Bern

Scientific name	Common name	Nature conservation status
<i>Panurus biarmicus</i>	Bearded Tit	WCA1.1, Bern, RD2, WBAm, UKBAm
<i>Passer domesticus</i>	House Sparrow	S42, UKBAP, Bern, RD2, WBAm, UKBR
<i>Pipistrellus pipistrellus</i>	Common Pipistrelle	EPS, HDir, WCA5, S42, Bonn, Bern
<i>Prunella modularis</i>	Hedge Accentor	Bern, RD2, UKBAm
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	EPS, HDir, WCA5, S42, UKBAP, Bonn, Bern
<i>Sturnus vulgaris</i>	Common Starling	BDir22, Bern, RD2, WBR, UKBR
<i>Tringa nebularia</i>	Common Greenshank	BDir22, WCA1.1, Bonn, Bern
<i>Tringa ochropus</i>	Green Sandpiper	WCA1.1, Bonn, Bern, RD2, UKBAm
<i>Turdus philomelos</i>	Song Thrush	BDir22, Bern, RD2, WBAm, UKBR
<i>Turdus pilaris</i>	Fieldfare	BDir22, WCA1.1, Bern, RD2, WBAm, UKBAm
<i>Tyto alba</i>	Barn Owl	WCA1.1, WCA9, Bern, CITES, RD2, WBAm, UKBAm
<i>Vanellus vanellus</i>	Northern Lapwing	BDir22, S42, UKBAP, Bonn, Bern, RD2, WBR, UKBAm

**Table 7.3.3. Research Only Priority Species (500m / 1km search buffer)**

(BAP species listed as 'research only'.)

Scientific Name	Common Name	Status
<i>Chiasmia clathrata</i>	Latticed Heath	S42, UKBAP
<i>Larus argentatus</i>	Herring Gull	BDir22, S42, Bern, RD2, WBR, UKBAm

**Table 7.3.4. Other species of conservation concern (500m / 1km search buffer)**

(Global Red List, British Red Data Book, Nationally Rare & Scarce, Welsh Red and Amber Birds, where these are not identified in Priority category.)

Scientific Name	Common Name	Status
<i>Anas crecca</i>	Eurasian Teal	BDir21, Bonn, Bern, CITES, RD2, WBAm, UKBAm
<i>Anas penelope</i>	Eurasian Wigeon	BDir21, Bonn, Bern, CITES, WBAm
<i>Anas platyrhynchos</i>	Mallard	BDir21, Bonn, Bern, WBAm
<i>Anthus pratensis</i>	Meadow Pipit	RD2, WBAm, UKBAm
<i>Calidris canutus</i>	Red Knot	BDir22, Bonn, Bern, RD2, WBAm, UKBAm
<i>Cygnus olor</i>	Mute Swan	BDir22, Bonn, Bern, RD2, WBAm, UKBAm
<i>Delichon urbicum</i>	House Martin	RD2, WBAm, UKBAm
<i>Egretta garzetta</i>	Little Egret	BDir1, Bern, CITES, RD2, UKBAm
<i>Gallinago gallinago</i>	Common Snipe	BDir21, Bonn, Bern, RD2, WBAm, UKBAm
<i>Haematopus ostralegus</i>	Eurasian Oystercatcher	BDir22, Bern, RD2, WBAm, UKBAm
<i>Hippophae rhamnoides</i>	Sea-buckthorn	RD2
<i>Hirundo rustica</i>	Barn Swallow	Bern, RD2, WBAm, UKBAm
<i>Larus canus</i>	Mew Gull	BDir22, Bern, RD2, WBR, UKBAm
<i>Larus fuscus</i>	Lesser Black-backed Gull	BDir22, Bern, RD2, WBAm, UKBAm
<i>Larus marinus</i>	Great Black-backed Gull	BDir22, Bern, WBR
<i>Lepidium latifolium</i>	Dittander	RD2
<i>Motacilla cinerea</i>	Grey Wagtail	Bern, RD2, UKBAm
<i>Phalacrocorax carbo</i>	Great Cormorant	Bern, RD2, WBAm, UKBAm
<i>Phylloscopus trochilus</i>	Willow Warbler	Bern, RD2, WBR, UKBAm

<b>Scientific Name</b>	<b>Common Name</b>	<b>Status</b>
<i>Picus viridis</i>	Green Woodpecker	Bern, RD2, WBAm, UKBAm
<i>Rallus aquaticus</i>	Water Rail	BDir22, Bern, RD2, UKBAm
<i>Riparia riparia</i>	Sand Martin	Bern, RD2, WBAm, UKBAm
<i>Saxicola torquata</i>	Stonechat	Bern, RD2, UKBAm
<i>Sinapis arvensis</i>	Charlock	WVP
<i>Tadorna tadorna</i>	Common Shelduck	Bonn, Bern, WBAm
<i>Tringa erythropus</i>	Spotted Redshank	BDir22, Bonn, Bern, RD2, WBAm, UKBAm
<i>Tringa totanus</i>	Common Redshank	BDir22, Bonn, Bern, RD2, WBAm, UKBAm
<i>Turdus viscivorus</i>	Mistle Thrush	BDir22, Bern, RD2, UKBAm

**Table 7.3.5. Species of local conservation concern (500m / 1km search buffer)**

(LBAP Species not identified as Priority or SOCC. Locally Important species as specified by local experts.)

<b>Scientific Name</b>	<b>Common Name</b>	<b>Status</b>
<i>Conocephalus dorsalis</i>	Short-winged Cone-head	LI
<i>Oenanthe lachenalii</i>	Parsley Water-dropwort	Bern, LI