



Aderyn

LERC Wales' Biodiversity
Information & Reporting Database

USING ADERYN FOR COMMERCIAL DATA SEARCHES



SOUTH EAST WALES BIODIVERSITY RECORDS CENTRE
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Getting started

- Check your search location is in the SEWBRc area. This can be done using the [Wales LERC Finder Tool](#).
- Send in your data request using the Data Enquiry and Release Form [DERF] (download DERF from [here](#)). Email the completed and signed form to info@sewbrec.org.uk

Tips on completing a DERF:

- **Contact and administration details:** Name, Position, Organisation, Contact Address, Email Address, and Telephone Number must be completed. Please also supply an invoicing postal and/or email address if different from your contact details, and a purchase order number if applicable. Please note that we **cannot** invoice third parties.
- **Information Request:** Location of Search – please provide both a grid reference and site name (this is important as it will be included in the report). Ideally please also state the reason for request and intended use of information (optional).
- **Data Required:** We price point searches (i.e. a circular buffer around a central grid reference) and polygon searches (i.e. a buffer applied to a site boundary) in different ways. You will need to choose from the following packages:

Package	Description	Point Search	Polygon Search
Package A: Bats & Roof-nesting Birds (BARB)	Bats 2km , Roof-nesting Birds 150m , SSSIs & SACs (designated for presence of bats) 10km	Set price £100 +VAT	NOT AVAILABLE*
Package B 1km	Search for relevant species**, designated sites and Phase I habitats within a 1km buffer	Set price £140 +VAT	Variable price starting from £140 +VAT
Package C 2km	Search for relevant species**, designated sites and Phase I habitats within a 2km buffer	Set price £180 +VAT	Variable price starting from £180 +VAT
Package D 5km	Search for relevant species**, designated sites and Phase I habitats within a 5km buffer	Set price £320 +VAT	Variable price starting from £320 +VAT
Custom Package	The data search is tailored to your exact requirements.	Price on application, upwards of £140	Price on application, upwards of £140

* Polygon searches are not available for Package A.

** Protected and Priority Species, Other Species of Conservation Concern, Locally Important Species, Invasive & Non-Native Species (see table below for inventory of conservation lists used in data searches).

Species	<p>Bats & roof-nesting Birds: All bat species, and House Sparrow, Swallow, House Martin, Swift, Barn Owl, Peregrine, Kestrel, Starling, Jackdaw, Pied Wagtail, Little Owl, Black Redstart, Redstart, Wren, Herring Gull and Lesser Black-Backed Gull</p> <p>Protected and Priority Species: EU and UK legally protected species: Wildlife & Countryside Act 1981 (Schedules 1, 5 & 8), Section 7 (Environment (Wales) Act, 2016) species, Badger Act 1992, and Bern Convention.</p> <p>Please note: The search system reports all records of priority or protected species that lie within a specified search area, <i>plus</i> records of any mobile high priority species (e.g. mammals, amphibians, certain invertebrates) which lie <i>outside</i> the specified search area, but which should be taken into account in ecological assessment due to the possibility of their using land within the search area as part of their territory, or for part of their life cycle. This does not apply to Package A (BARB) searches. For our current list of mobile high priority species, please see www.sewbrec.org.uk/services-folder/data-users-folder/mobile-species.page</p> <p>Other Species of Conservation Concern: Red Data Book and Nationally Scarce species (including Welsh Red & Amber Lists).</p> <p>Locally Important Species: UK RSPB list, Local BAP species, locally rare and scarce species (as identified by local experts).</p> <p>Invasive & Non-Native Species: Invasive and non-native species in the UK.</p>
Sites	<p>International Designations: SAC, SPA, Ramsar.</p> <p>National Designations: SSSI, NNR, MNR, AONB, National Park.</p> <p>Local Designations: SINC/Wildlife Site (<i>currently only available for some local authority areas</i>), LNR, Country Park, Wildlife Trust Reserve, RIGS.</p> <p><i>Nb. Citations of all sites (where available) will be downloadable via the Aderyn website.</i></p>
Habitats	CCW/NRW Phase I habitat survey data, Phase II (woodlands, saltmarsh and grasslands), Ancient Woodland (NRW) boundaries.



What happens next?

- Point searches (i.e. a circular buffer around a central grid reference) will be set prices as given in the above table. **Point searches will not be quoted**; sending in a point search DERF will be taken as permission to complete the request and invoice the recipient. We will send your results within 5 working days of receipt.
- Polygon searches (i.e. a buffer around a site boundary) may vary in price, depending on size. We will provide a quotation via email for polygon searches within 3 working days on receipt of a DERF. You can accept the quote by clicking the link in the email. We will send your results within 5 working days of quote acceptance. *During peak times, it may therefore take 8 working days from submission to completion for polygon searches.*
- If you have a very urgent request of either type, please contact SEWBReC by phone to discuss your requirements. An additional fast track fee of £100.00 plus VAT may be charged.
- Data enquiry results will be sent via an email containing a link to the data. The link will stay active for 1 year. You can download or print any details you need, but downloaded material must be deleted or destroyed after 12 months as per the terms and conditions.

Navigating search results in Aderyn

An information box appears when you click on the link to the data. This box contains important notes including a link to the [LERC Wales Aderyn Commercial Terms & Conditions](#), and details on what data can/cannot be shared. **Please read this carefully and then click OK.**

There are five tabs when viewing the results in Aderyn: **Summary, Species, Sites, eMapper and Export.**

Summary Tab

Search Results Summary provides an overview of the data enquiry:

Package B: Priority Species 1km Search for relevant species, designated sites and Phase I habitats within 1km of your location(s)

Species Records	126	← Total number of species records
Pri. Species	28	← Number of species records within the category
Cons. Concern	9	
Loc. Important	89	
Species Status	15	← Number of site types (e.g. SAC, SSSI, SINCC), and number of individual sites (in brackets)
Invasive Non-Native	15	
Sites	5 (22)	← Number of habitat types
Habitats	22	

Location provides details of the site searched. Customer reference refers to the site name (e.g. King's Landing).

Additional Access Names (Data Users) is a list of all those individuals (in addition to the original enquirer) who are permitted to view the data we have provided.

Invoice / Billing Details provides information on who will be invoiced for the data search and for how much.

Important Dates provides information on when the enquiry was created and delivered, and when the data use expires. The expiry date is 12 months from when the enquiry was created.

Map: Below the summary is an interactive map. You can use the toggle switches to plot the species data onto the map (Nb. A maximum of 5000 records will be plotted). You can also zoom in/out and switch between OS, Aerial, Streetside, Birds-Eye, and Road maps. *The interactive map is available at the bottom of each tab.*



Species Tab

This tab contains tables listing all species records associated with the data search. These records are displayed on four lower tabs: Priority Species, Species of Conservation Concern, Locally Important Species, and Invasive Non-Natives. You will need to click on each row within the table to view the full details of the record. You can re-order the table by using the column headings, or the search box can be used to filter the records. You may also choose to order by taxon group instead of category (e.g. all bird records in a single table).

Please note that records of the same species for the same grid reference have been concatenated into a single row in all the provided data outputs. This process will be indicated in the "date" column, which will state the number of records plus first and last year of recording, e.g. "2 records, between 2011 and 2013". Other fields such as Recorder(s) and Comments will be concatenated. If you require the full details for each record, please contact SEWBReC.

Designated Sites Tab

This tab includes a table of International, National and Locally designated site types within the search area. In the "display?" column, you can toggle each site type to "On" to drill down to a list of individual site names plus their area. This will also display the designated site(s) on the interactive map at the bottom of the page.

Also included in the table are details of Ancient Semi Natural Woodlands and NRW Priority Areas within the search area.

Citations or notification forms (where available) can be downloaded from this page, via a hyperlink on the site name. If this information is required for particular site(s) and a hyperlink is missing, please contact the originating LERC for details.

Habitats Tab

This tab is a table of Phase I habitats within the search area, ordered by size. Priority Habitats are highlighted in pink. In the "display?" column, you can toggle each habitat type to "On" to display them on the interactive map at the bottom of the page.

Export Tab

Please ensure you read the Important Notes at the top of the page with regards to the use of the data, and what data can/cannot be shared.

The export tab lists a number of formats which can be downloaded:

- View in eMapper (see overleaf for details). *[Nb. eMapper is only available for searches below 5,000 species records.]*
- Printable Report/PDF Report. *This option will open a report as a webpage which can be printed or made into a pdf using an appropriate programme (e.g. Google Chrome).*
- Shapefile of species (point data) for GIS software. *Nb. This displays the central point of grid references.*
- Shapefile of species (polygon data) for GIS software. *Nb. This displays the outline of the grid squares within which grid references fall.*
- Shapefile of search area (polygon data) for GIS software.
- Shapefile of designated sites (polygon data) for GIS software.
- Comma Separated Values (CSV)/Spreadsheet. *Nb. This file contains raw unformatted data. For a formatted Excel report please use eMapper.*
- Species List CSV/Spreadsheet. *Nb. This is a simple species list containing just the name and category of the species. No further details are provided.*



eMapper



Cofnod eMapper allows you to view data and switch species and layers on and off interactively. You can also export your data to a PDF, ESRI Shape files or Excel via eMapper. To use eMapper, choose “View in eMapper” from the options on the export tab. *[Nb. eMapper is only available for searches below 5,000 species records.]*

This will take you to the eMapper website, which sits outside of Aderyn. A message box pops up containing some important notes, and list three options:

- **View Summary.** This provides an overview of the search: search/location name, date & grid reference, total number of records, total number of EPS (European Protected Species) records, site types (e.g. SSSI, SAC). This summary can be downloaded into Excel if required.
- **Take a Tour.** The eMapper tour enables you to learn about all the features of eMapper. You can click any of the buttons and interact with the map as you go.
- **Go to Map.** This takes you directly to the map view with many interactive features as listed below.

Within the map itself:

- In the bottom left corner of the map window you can choose the background mapping from OS (default setting), Aerial, Road, Hybrid, Phase I and OSM.
- Species records are displayed as squares (four figure grid reference records) and dots (six or more figure grid references), coloured by taxon group. Clicking on a dot or square will bring up an information box which you can drill down through for further information, including the full record details.
- In the top right corner of the map window, you can zoom in and out of the map (or use your mouse wheel), measure distances, and search for places, post codes or grid references.
- Click on ‘**Records**’ towards the bottom of the map to pull up the species records within a table. Sort records by clicking on the column headings, and click on a record to see it highlighted on the map. Use the ‘search’ box to quickly search the records for any matching text.

In window pane at top right of page:

- **Print.** Use this to print a copy of the records tables and/or map. You can tailor the output to your requirements using the filters and toggle buttons.
- **Download.** Click this button to download to your own system. You can download all the records or tailor the output to your own requirements using the filters and toggle buttons. Download formats include Adobe PDF, ESRI Shape or Excel files. You can also choose to download a confidential or public report (see **Viewing Mode** below).
- **My Enquiry.** Click here to view the information you supplied for this enquiry, and to download an invoice (*not currently applicable to SEWBRc searches*).
- **More Tools:**
 - **Statistics.** View graphs showing different statistical information about the records (i.e. Number of records by species group, Number of records by year). You can view information about all records or tick ‘Use current selections’ to show statistics for the currently visible records only.
 - **Tour.** The eMapper tour enables you to learn about all the features of eMapper. You can click any of the buttons and interact with the map as you go.
 - **Reset View.** Clicking this button will undo any changes you have made and reset to the original view.
 - **Save View.** Click here to save any changes made including filters, colours, preferences, map position and zoom.



In window pane on right hand side:

- **Viewing Mode.** *Confidential mode* is automatically selected. Switch to *public mode* to view records which can be printed and released in the public domain. Sensitive records will be restricted to a lower resolution and some details withheld.
- **Key On/Off Switches (Search Location & Search Buffer).** Use these switches to show/hide the search location and buffers on the map.
- **Species Tools.** View all species by expanding the groups. Click on the dots to change their colour and size. Tick boxes to show or hide grid references etc.
- **Species Filters.** Filters can be used to show only those records that are relevant to your needs. Slide the bars to filter by year, distance and resolution, and select the status, species and category lists as required. You can hide or drag this window around if necessary.
- **Sites Tools.** Sites are initially hidden but can be turned on/off.
- **Sites Filters.** Sites can be filtered by distance from search location, and SSSIs and SACs by species and habitat features. Use the magnifier to zoom to each site.

In window pane at top left of page:

- **Feedback.** You can rate your experience of using eMapper using this tool.
- **Submit a Record.** Click here for information about how to submit records to any of the Welsh LERCs using their online recording tools.

Invoicing

Invoices will be sent out by email on completion of the data enquiry. Our payment terms are **strictly 30 days**. Please ensure you have provided the correct details of an invoicing address (postal and/or email), and a purchase order number if applicable.

Further help

Aderyn Help videos can be accessed [online](#).

Or contact SEWBreC directly: South East Wales Biodiversity Records Centre (SEWBreC), 15 Talbot Road, Talbot Green, Pontyclun, CF72 8AD.

Telephone: 01443 808896

Email: info@sewbrec.org.uk

Website: www.sewbrec.org.uk

