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Cartref data bywyd gwyllt ar gyfer Gogledd Cymru
The home of wildlife data for North Wales

Cofnod Environmental Information Search (PUBLIC VERSION)

Our Reference	CO/E14262
Your Reference	Bersham Ironworks & Minera Quarry
Requested By	Lowri Parry, Enfys Ecology Ltd
Data Users	Lowri Parry; Lucy Boyett
Search Date	11/09/2025 15:45
Expiry Date	11/03/2026 (may be extended on request)
Search Type	Chargeable pre-paid
Filters Applied	Date after 2005 / Individually selected species

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Important Information

- Use of the data is governed by Cofnod's Terms & Conditions.
- Data marked as confidential or sensitive must not be released into the public domain, with the exception of the Public Version of the PDF report, which has had sensitive information removed or restricted.
- You should not amend any part of the downloaded records.
- Unless otherwise agreed, use of the data is valid until the Expiry Date (11/03/2026).
- Past records of presence of a habitat or species do not guarantee continued occurrence; absence of records does not imply absence of a species, merely that no records are held by Cofnod; Cofnod cannot guarantee the accuracy of supplied data; copyright of records remains with the original recorder.
- The Dataset ID associated with each record can be used to find information about the provenance of the data. See the Cofnod Metadata page for more information.
- Verification Levels are given for each record and indicate whether the record has been assessed by an expert.
- Please contact us if you have any questions about using the data or wish to add further Data Users.

Notes

- Records with 1km, 2km, 5km, 10km or 100km grid references (where present) are highlighted with, for example, (1km) next to the distance to indicate that the distance should not be considered to be exact given the vague nature of the grid reference.
- Records shown in **bold** typeface are sensitive species records, and some details have been restricted in this public version of the report.

Verification Levels

- **UA:** Unassessed
- **PC:** Probably Correct
- **KC:** Known Correct
- **NA:** Not Required

Species Categories

- **All Other Species:** Any species not included in other categories
- **Category 1 Species:** Species with European and/or UK Legal Protection, Section 7 (Environment Act Wales 2016) Priority Species
- **Category 2 Species:** Global Red List, British Red Data Book, Nationally Rare & Scarce, Welsh Red & Amber Birds, Welsh Red Data Lists, Welsh SSSI Invertebrate Features, not identified in Category 1
- **Category 3 Species:** Locally Important species as specified by local experts, Grassland fungi (CHEGD) species, not identified under Categories 1 & 2

Status List Abbreviations

BAP - UK Biodiversity Action Plan Priority Species, **BDir1** - EU Birds Directive Annex 1 - Birds which are the subject of special conservation measures, **BDir2.1** - EU Birds Directive Annex 2.1 - Birds which may potentially be hunted, **BDir2.2** - EU Birds Directive Annex 2.2 - Birds which may potentially be hunted within certain member states, **Bern2** - Bern Convention on the Conservation of European Wildlife and Natural Habitats, Appendix 2 - Strictly protected fauna species, **Bern3** - Bern Convention on the Conservation of European Wildlife and Natural Habitats, Appendix 3 - Protected fauna species, **Bern3-App3** - Bern Convention - Appendix 3, **Bonn2** - Bonn Convention on the Conservation of Migratory Species of Wild Animals, Appendix 2 - Migratory Species to be the subject of agreements, **CHEGD** - Grassland fungi (CHEGD) species, **CHS2** - The Conservation of Habitats and Species Regulations 2010, Schedule 2 - European Protected Species of Animals, **CHS4** - The Conservation of Habitats and Species Regulations 2010, Schedule 4 - Animals which may not be captured or killed in certain ways, **CITES-A** - Convention on International Trade in Endangered Species, Annex A - Species threatened with extinction, **CITES-B** - Convention on International Trade in Endangered Species, Annex B - Species that may become extinct unless trade is closely controlled, **CITES-C** - Convention on International Trade in Endangered Species, Annex C - Species subject to regulation, **GBNNSIP** - Great Britain Non-native Species Inventory Portal Checklist of Non-native Species, **HDir2** - Habitats Directive, Annex II - Species requiring designation of Special Areas of Conservation, **HDir4** - Habitats Directive, Annex IV - Species in need of strict protection, **HDir5** - Habitats Directive, Annex V - Species where population management is decided by individual countries, **INNS** - Invasive Non-native Species, **INNS-IAS** - The Invasive Alien Species (Enforcement and Permitting) Order 2019: Species of Special Concern, **INNS-W** - Invasive Non-native Species (INNS) of Interest to Wales, **IUCN-RL[VU]** - IUCN Global Red List of Threatened Species: Fungi (Vulnerable), **LI-BR-48[EX]** - Bryophyte Rarity List for Vice-

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County 48: Merionethshire (Locally extinct), **LI-BR-48[LR]** - Bryophyte Rarity List for Vice-County 48: Merionethshire (Locally rare), **LI-BR-49[LR]** - Bryophyte Rarity List for Vice-County 49: Caernarvonshire (Locally rare), **LI-BR-50[EX]** - Bryophyte Rarity List for Vice-County 50: Denbighshire (Locally extinct), **LI-BR-50[LR]** - Bryophyte Rarity List for Vice-County 50: Denbighshire (Locally rare), **LI-BR-51[EX]** - Bryophyte Rarity List for Vice-County 51: Flintshire (Locally extinct), **LI-BR-51[LR]** - Bryophyte Rarity List for Vice-County 51: Flintshire (Locally rare), **LI-BR-52[EX]** - Bryophyte Rarity List for Vice-County 52: Anglesey (Locally extinct), **LI-BR-52[LR]** - Bryophyte Rarity List for Vice-County 52: Anglesey (Locally rare), **LI-FU-NE[R2]** - The Scarce and Rare Fungi of North-east Wales (Agarics, Boletes & Aphyllophorales) (Rarity 2 - rare locally but scarce nationally, may be restricted by habitat.), **LI-FU-NW1** - Rare Fungi of North-west Wales (Agarics and Boletes), **LI-VP-48[LR]** - Rare Plant Register for Vice-County 48: Merionethshire (Locally Rare), **LI-VP-48[LS]** - Rare Plant Register for Vice-County 48: Merionethshire (Locally Scarce), **LI-VP-49[LE]** - Rare Plant Register for Vice-County 49: Caernarvonshire (Locally Extinct), **LI-VP-49[LR]** - Rare Plant Register for Vice-County 49: Caernarvonshire (Locally Rare), **LI-VP-49[LS]** - Rare Plant Register for Vice-County 49: Caernarvonshire (Locally Scarce), **LI-VP-49[NLS]** - Rare Plant Register for Vice-County 49: Caernarvonshire (Not Locally Scarce), **LI-VP-50[LNS]** - Rare Plant Register for Vice-County 50: Denbighshire (Locally near scarce), **LI-VP-50[LR]** - Rare Plant Register for Vice-County 50: Denbighshire (Locally rare), **LI-VP-50[LS]** - Rare Plant Register for Vice-County 50: Denbighshire (Locally scarce), **LI-VP-51[LR]** - Rare Plant Register for Vice-County 51: Flintshire (Locally rare), **LI-VP-51[LS]** - Rare Plant Register for Vice-County 51: Flintshire (Locally scarce), **LI-VP-52[EX]** - Rare Plant Register for Vice-County 52: Anglesey (Extinct), **LI-VP-52[LR]** - Rare Plant Register for Vice-County 52: Anglesey (Locally Rare), **LI-VP-52[LS]** - Rare Plant Register for Vice-County 52: Anglesey (Locally Scarce), **LI-VP-52[PX]** - Rare Plant Register for Vice-County 52: Anglesey (Possibly or Probably Extinct), **PBA** - Protection of Badgers Act 1992, **RDB-N** - Red Data Book listing (not based on IUCN guidelines) - Notable, **RDB-NB** - Red Data Book listing (not based on IUCN guidelines) - Notable B, **RDB-NR** - Red Data Book listing (not based on IUCN guidelines) - Nationally Rare, **RDB-NS** - Red Data Book listing (not based on IUCN guidelines) - Nationally Scarce, **RL-CR** - IUCN Red List of Threatened Species - Critically Endangered, **RL-DD** - IUCN Red List of Threatened Species - Data Deficient, **RL-EN** - IUCN Red List of Threatened Species - Endangered, **RL-NT** - IUCN Red List of Threatened Species - Near Threatened, **RL-PX** - IUCN Red List of Threatened Species - Possibly Extinct, **RL-VU** - IUCN Red List of Threatened Species - Vulnerable, **S7** - Environment (Wales) Act 2016 (Section 7), **UKBA** - RSPB/BTO Birds of Conservation Concern - Amber list (not based on IUCN criteria), **UKBR** - RSPB/BTO Birds of Conservation Concern - Red list (not based on IUCN criteria), **WBA** - RSPB/BTO Birds of Conservation Concern in Wales - Amber list (not based on IUCN criteria), **WBR** - RSPB/BTO Birds of Conservation Concern in Wales - Red list (not based on IUCN criteria), **WCA1.1** - Wildlife & Countryside Act 1981 Schedule 1.1 - Birds which are protected at all times, **WCA1.2** - Wildlife & Countryside Act 1981 Schedule 1.2 - Birds which are protected during the close season, **WCA5** - Wildlife & Countryside Act 1981 Schedule 5 - Animals which are protected, **WCA8** - Wildlife & Countryside Act 1981 Schedule 8 - Plants which are protected, **WCA9** - Wildlife & Countryside Act 1981 Schedule 9 - Animals and plants which may not be released/planted or allowed to escape/grow in the wild, **WRL-BR[DD]** - Bryophyte Red Data List for Wales (Data Deficient), **WRL-BR[VU]** - Bryophyte Red Data List for Wales (Vulnerable), **WRL-LI[DD]** - Lichen Red Data List for Wales (Data Deficient), **WRL-RA[NT]** - IUCN Red List Assessment of Amphibians and Reptiles at Great Britain and Country Scale (Near Threatened), **WRL-RU[DD]** - Rust Fungus Red Data List and Census Catalogue for Wales (Data Deficient), **WRL-RU[NT]** - Rust Fungus Red Data List and Census Catalogue for Wales (Near Threatened), **WRL-SM[EN]** - Smut and Allied Fungi of Wales. A Guide, Red Data List and Census Catalogue (Endangered), **WRL-SM[NT]** - Smut and Allied Fungi of Wales. A Guide, Red Data List and Census Catalogue (Near Threatened), **WRL-TM[DD]** - IUCN compliant Red List for Britain's Terrestrial Mammals (Data Deficient), **WRL-TM[NT]** - IUCN compliant Red List for Britain's Terrestrial Mammals (Near Threatened), **WRL-TM[VU]** - IUCN compliant Red List for Britain's Terrestrial Mammals (Vulnerable), **WRL-VP[CR]** - Vascular Plant Red Data List for Wales (Critically Endangered), **WRL-VP[EN]** - Vascular Plant Red Data List for Wales (Endangered), **WRL-VP[VU]** - Vascular Plant Red Data List for Wales (Vulnerable), **WSF-IN** - Welsh SSSI Invertebrate Features

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Data Description

Distance	Indicates the distance, in metres, between the grid reference of the record (using the central point of the grid square) and the search location. For any Sensitive Species Records, this should not be released into the Public Domain.
Species Name	Name of the taxon (usually identified to species level) using the binomial system.
Grid Reference	Grid reference based on the Ordnance Survey grid system.
Date	Date on which the record was made. In some cases this might be a date range, or a vague date such as 'Summer 2010'.
Abundance	Number of individuals recorded. Where not specified it is assumed that at least one was present (with the exception of records with Yes in the 'Negative Record' column).
Record Type	A description of the type of record.
Site Name	The site name (if one has been supplied). For any Sensitive Species Records, this cannot be released into the Public Domain.
Notes	Any additional notes about the sighting. For any Sensitive Species Records, this cannot be released into the Public Domain.
Dataset ID	ID of this dataset. See 'Important Issues' for more details.
Lists	Any local, national or international conservation statuses or legal protection which apply to this species and whether it is included in any Local Biodiversity Action Plans. See 'Abbreviations' for more details.
V	An indicator showing the level of confidence held in the record's correct identification.

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Dataset Information

The records in these results are drawn from the following datasets. Use the Dataset ID next to each record to find its dataset.

Dataset ID	Title	Acknowledgements	Type
D0026/054/01	Records captured from CCW regional files - CCW File SJ24.1 - SSSI: Ruabon/Llantysilio Mountains And Minera - Scientific Information - Bats	Cyfoeth Naturiol Cymru/Natural Resources Wales	Species
D0026/055/01	Records captured from CCW regional files - CCW File SJ24.1 - SSSI: Ruabon/Llantysilio Mountains And Minera - General	Cyfoeth Naturiol Cymru/Natural Resources Wales	Species
D0035/002/01	Vice-County dataset - Reptile records from Denbighshire and Flintshire Vice-counties (50 and 51)	Mick Brummage (North East Wales Amphibian and Reptile Network)	Species
[redacted]			
D0062/008/01	Vice-County dataset - Bird records from Flintshire and Denbighshire Vice-counties (50 and 51) - All records up to 2018	Ian M Spence (Clwyd Bird Recording Group)	Species
D0062/010/01	Vice-County dataset - Bird records from Flintshire and Denbighshire Vice-counties (50 and 51) - 2019 records	Ian M Spence (Clwyd Bird Recording Group)	Species
D0062/012/01	Vice-County dataset - Bird records from Flintshire and Denbighshire Vice-counties (50 and 51) - 2021 records	Ian M Spence (Clwyd Bird Recording Group)	Species
D0098/001/02	Bat records held by Clwyd Bat Group - Hibernation records to Winter 2016	Clwyd Bat Group	Species
D0098/002/01	Bat records held by Clwyd Bat Group - Hibernation records Winter 2016-17	Clwyd Bat Group	Species
D0098/003/01	Bat records held by Clwyd Bat Group - Hibernation records Winter 2017-2018	Clwyd Bat Group	Species
D0098/004/01	Bat records held by Clwyd Bat Group - Hibernation records Winter 2018-2019	Clwyd Bat Group	Species
D0098/005/01	Bat records held by Clwyd Bat Group - Hibernation records Winter 2019-2020	Clwyd Bat Group	Species
D0098/008/01	Bat records held by Clwyd Bat Group - Hibernation records Winter 2021-2022	Clwyd Bat Group	Species
D0098/009/01	Bat records held by Clwyd Bat Group - Hibernation records Winter 2022-2023	Clwyd Bat Group	Species
D0098/010/01	Bat records held by Clwyd Bat Group - Hibernation records Winter 2023-2024	Clwyd Bat Group	Species

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D0127/001/02	Historic Vice-County dataset - Butterfly records from Denbighshire and Flintshire Vice-counties (50 and 51) held by Rob Whitehead	Rob Whitehead	Species
D0135/001/05	Miscellaneous species records by Andrew and Janet Graham - Invertebrate records	Andrew and Janet Graham	Species
D0135/003/02	Miscellaneous species records by Andrew and Janet Graham - Fungi records	Andrew and Janet Graham	Species
D0135/008/02	Miscellaneous species records by Andrew and Janet Graham - Rust records	Andrew and Janet Graham	Species
D0135/015/01	Miscellaneous species records by Andrew and Janet Graham - Fungus records received 10/02/2020	Andrew and Janet Graham	Species
D0135/016/01	Miscellaneous species records by Andrew and Janet Graham - Rust records received 10/02/2020	Andrew and Janet Graham	Species
D0135/018/01	Miscellaneous species records by Andrew and Janet Graham - Mammal & Herptile records received 10/02/2020	Andrew and Janet Graham	Species
D0135/022/01	Miscellaneous species records by Andrew and Janet Graham - Invertebrate records, mainly from 2021	Andrew Graham	Species
D0135/025/01	Miscellaneous species records by Andrew and Janet Graham - Lichen and rust records from 2021	Andrew Graham	Species
D0135/026/01	Miscellaneous species records by Andrew and Janet Graham - Mammal, Herptile and Bird Records - 2022 to May 2023	Andrew and Janet Graham	Species
D0135/027/01	Miscellaneous species records by Andrew and Janet Graham - Fungi Records - 2022 to May 2023	Andrew and Janet Graham	Species
D0135/028/01	Miscellaneous species records by Andrew and Janet Graham - Invertebrate records - 2022 to May 2023	Andrew and Janet Graham	Species
D0135/030/01	Miscellaneous species records by Andrew and Janet Graham - Miscellaneous records from 2023 to 2024	Andrew Graham	Species
D0135/032/01	Miscellaneous species records by Andrew and Janet Graham - Bird records 2024 - March 2025	Andrew Graham	Species
D0135/033/01	Miscellaneous species records by Andrew and Janet Graham - Invertebrate records received in March 2025	Andrew Graham	Species
D0158/003/01	Miscellaneous species records held by North Wales Wildlife Trust in a BIORECS recording database. - Full database	Ymddiriedolaeth Natur Gogledd Cymru/North Wales Wildlife Trust	Species
D0216/001/03	Miscellaneous species records held by Denbighshire County Council (records to 2004)	Cyngor Sir Ddinbych/Denbighshire County Council	Species
D0217/001/05	Welsh Invertebrate Database (WID) - Records from within the Cofnod boundary	Natural Resources Wales. (2024) Welsh Invertebrate Database (WID). NBN Atlas occurrence download at https://nbnatlas.org accessed on 06 March 2024.	Species

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D0229/002/01	Wrexham Wildlife Sites data - Database	North Wales Wildife Trust & Cyngor Bwrdreistref Sirol Wrecsam/Wrexham County Borough Council	Species
D0346/001/01	eBird records - 2020 records from Cofnod area	Cornell Lab of Ornithology	Species
D0346/002/01	eBird records - 2021 records from Cofnod area	Cornell Lab of Ornithology	Species
D0346/003/01	eBird records - Records from Cofnod area between 2011 and 2019	eBird Basic Dataset. Version: EBD_relMay-2022. Cornell Lab of Ornithology, Ithaca, New York. May 2022.	Species
D0346/004/01	eBird records - Records from Cofnod area between 2001 and 2010	eBird Basic Dataset. Version: EBD_relMay-2022. Cornell Lab of Ornithology, Ithaca, New York. May 2022.	Species
D0346/006/01	eBird records - 2022 records from Cofnod area	eBird Basic Dataset. Version: EBD_relMay-2023. Cornell Lab of Ornithology, Ithaca, New York. May 2023	Species
D0346/007/01	eBird records - 2023 records from Cofnod area	eBird Basic Dataset. Version: EBD_relFeb-2024. Cornell Lab of Ornithology, Ithaca, New York. Feb 2024	Species
D0346/008/01	eBird records - 2024 records from Cofnod area	eBird Basic Dataset. Version: EBD_relFeb-2025. Cornell Lab of Ornithology, Ithaca, New York. Feb 2025.	Species
D0820/001/02	Phase 2 Lowland Grassland Survey of Wales - Site records held digitally on the 'Grasslands' copy of Recorder 2002 database (Clwyd).	Cyfoeth Naturiol Cymru/Natural Resources Wales	Species
D0821/001/01	Rare Flowering Plant and Fern Data/Rare Plants Database	Cyfoeth Naturiol Cymru/Natural Resources Wales	Species
D0823/001/02	A collation of records of stoneworts in Wales	Cyfoeth Naturiol Cymru/Natural Resources Wales (NBN Download)	Species
D0967/006/01	Miscellaneous species records by John Lawton Roberts (and a small number of third party records submitted to him). - Butterfly and bee records, 2012 - 2014	John Lawton Roberts	Species
D0967/009/01	Miscellaneous species records by John Lawton Roberts (and a small number of third party records submitted to him). - Mammal & Herptile records 2015	John Lawton Roberts	Species
D0967/014/01	Miscellaneous species records by John Lawton Roberts (and a small number of third party records submitted to him). - Mammal and Herptile records 2017	John Lawton Roberts	Species
D0967/020/01	Miscellaneous species records by John Lawton Roberts (and a small number of third party records submitted to him). - 2020 records	John Lawton Roberts	Species
D0969/001/05	Miscellaneous species records submitted to rECOrd	rECOrd	Species
D1054/004/01	Miscellaneous species records by David Skingsley - 2016 records	Dave Skingsley	Species
D1076/001/02	Reptiles and Amphibians Dataset	Biological Records Centre (NBN Download)	Species

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D1081/001/04	Caddisfly (Trichoptera) records from Britain up to July 2024 from the National Trichoptera (Caddisfly) Recording Scheme) - Records from the Cofnod area	National Trichoptera (Caddisfly) Recording Scheme (2024). Caddisfly (Trichoptera) records from Britain (excluding Northern Ireland and Channel Islands) up to August 2022 from the National Trichoptera (Caddisfly) Recording Scheme	Species
D1117/001/01	ad hoc Cofnod Online Recording System records	Individual Recorder(s)	Species
D1118/011/03	Miscellaneous species datasets held in MapInfo format by Matthew Ellis - Great Crested Newt records	Cyfoeth Naturiol Cymru/Natural Resources Wales	Species
D1161/001/01	Butterfly distributions for Great Britain and Ireland for the period 1690-1999 from Butterfly Conservation and the Biological Records Centre - Records not already held by Cofnod, VCs 50 & 51	Butterfly Conservation (NBN download)	Species
D1169/004/04	Vice-County dataset - Vascular plant records from Denbighshire Vice-county (50). - Complete dataset	Delyth Williams (BSBI Vice County Recorder)	Species
D1195/001/04	Invasive Non Native Species collated by North Wales and Dee Invasive Non Native Species Forum	North Wales and Dee Invasive Non Native Species Forum	Species
D1239/012/01	Miscellaneous species records captured from paper forms containing results of surveys on potential N E Wales Wildlife Sites. - SJ25 Wrexham Maelor	Ymddiriedolaeth Natur Gogledd Cymru/North Wales Wildlife Trust	Species
D1285/001/03	Vice-County dataset - Moth records from Denbighshire and Flintshire Vice-counties (50 and 51)	Justin Williams	Species
D1295/001/08	Dragonfly records from the British Dragonfly Society Recording Scheme - Records from the Cofnod area	Copyright British Dragonfly Society Recording Scheme 2024. Dragonfly records from the British Dragonfly Society Recording Scheme. Occurrence dataset on the NBN Atlas accessed on 20/02/2025.	Species
D1297/020/01	BirdTrack records - 2015 records from within the Cofnod boundary	British Trust for Ornithology & Individual Recorders	Species
D1297/021/01	BirdTrack records - 2016 records from within the Cofnod boundary	British Trust for Ornithology & Individual recorders	Species
D1297/025/01	BirdTrack records - 2004-2018 data from Vice-Counties 50 & 51 (Denbighshire & Flintshire)	Ian M. Spence and British Trust for Ornithology	Species
D1297/026/01	BirdTrack records - 2019 data from Vice-County 50 (Denbighshire)	Ian M. Spence and British Trust for Ornithology	Species
D1297/039/01	BirdTrack records - 2020 records for Vice-County 50 (Denbighshire)	Ian M. Spence and British Trust for Ornithology	Species
D1297/042/01	BirdTrack records - 1900-2003 records for Vice-County 50 Denbighshire	Ian M. Spence and British Trust for Ornithology	Species
D1297/047/01	BirdTrack records - 2021 records from within the Cofnod boundary (excluding Meirionnydd)	Julian Hughes & British Trust for Ornithology	Species
D1297/050/01	BirdTrack records - 2022 records for Vice-County 50 (Denbighshire)	Ian M. Spence & British Trust for Ornithology	Species
D1297/051/01	BirdTrack records - 2023 records from within the Cofnod boundary (excluding Meirionnydd)	Julian Hughes & British Trust for Ornithology	Species

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D1297/055/01	BirdTrack records - 2024 records from within the Cofnod boundary (excluding Meirionnydd)	Julian Hughes & British Trust for Ornithology	Species
D1320/014/01	Records collected as part of Great Crested Newt monitoring coordinated by Natural Resources Wales - Data entered onto Cofnod ORS	North East Wales Amphibian and Reptile Network and Amphibian and Reptile Conservation	Species
D1330/001/01	Invasive Non Native Species records, submitted to Cofnod as part of the N. Wales and Dee Invasive Non Native Species Forum 'Record An Alien' project	Individual recorders	Species
D1349/001/01	Himalayan Balsam records collected by Heledd Wyn Jones.	Heledd Wyn Jones (Cyfoeth Naturiol Cymru/Natural Resources Wales)	Species
D1373/001/05	Historic Vice-County dataset - Butterfly records from Denbighshire and Flintshire Vice-counties (50 and 51) held by David Hinde	David Hinde	Species
D1383/001/01	Hedgehog records submitted to Cofnod via their Online Recording System	Individual Recorders, and North Wales Local Biodiversity Action Plan partnerships.	Species
D1419/002/01	Miscellaneous species records collected by Lizzy Webster. - Records from 2011	Lizzy Webster	Species
D1448/001/01	Black Grouse records gathered as part of the annual Black Grouse monitoring programme for Wales (not including SCARABS surveys). - Black grouse records	RSPB Cymru, Cyfoeth Naturiol Cymru/Natural Resources Wales and Denbighshire County Council	Species
D1448/002/01	Black Grouse records gathered as part of the annual Black Grouse monitoring programme for Wales (not including SCARABS surveys). - Other species records	RSPB Cymru, Cyfoeth Naturiol Cymru/Natural Resources Wales and Denbighshire County Council	Species
D1480/001/01	Wales Online Amphibian & Reptile Atlas Ad-hoc Records	Amphibian & Reptile Conservation Trust	Species
D1486/001/01	Natural Resources Wales North Wales Bat Roosts	Cyfoeth Naturiol Cymru/Natural Resources Wales	Species
D1505/002/03	Amphibian and Reptile records held in 'Record Pool' - Cofnod area records	ARC and ARG UK (Record Pool)	Species
D1543/002/01	Miscellaneous bat records collected by Sam Dyer - Trapping data from woodland and swarming surveys	Sam Dyer	Species
D1544/002/01	Data collected as part of Vincent Wildlife Trust national polecat distribution survey 2014 & 2015 - N. Wales records not submitted through Cofnod ORS	Vincent Wildlife Trust	Species
D1577/001/02	BLS Lichen Database: Wales 1650-2016	British Lichen Society (NBN Download, 16/03/2017)	Species
D1603/001/01	Camera trap records from NatureSpy volunteers, submitted to Cofnod via their Online Recording System - iWild North Wales Project	Individual Recorders and NatureSpy	Species
D1603/002/01	Camera trap records from NatureSpy volunteers, submitted to Cofnod via their Online Recording System - Deescover Project	NatureSpy	Species

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D1622/001/01	Swift records submitted to Cofnod via their Online Recording System as part of A Swift Recovery project	Individual recorders, and North Wales Wildlife Trust	Species
D1638/002/05	iRecord data from the Cofnod area (Unassessed records) - Records passing automatic checks	iRecord and individual recorders	Species
D1642/001/01	Butterfly distributions for Great Britain for the period 2000-2009 from Butterfly Conservation and the Biological Records Centre - Records not already held by Cofnod (VCs 50 & 51)	Butterfly Conservation (NBN download)	Species
D1643/001/01	Butterfly distributions for the UK 2010-2014 from Butterfly Conservation and the Biological Records Centre - Records not already held by Cofnod (VCs 50 & 51)	Butterfly Conservation (NBN download)	Species
D1666/001/01	Records captured from Licence Returns submitted to Natural Resources Wales - Mammal records captured during 2016 from survey licence return forms	Cyfoeth Naturiol Cymru/Natural Resources Wales	Species
D1681/001/04	National Bat Monitoring Programme Hibernation Survey - Cofnod area records	Bat Conservation Trust	Species
D1688/004/01	Big Hedgehog Map records - Records from 2010 to January 2020	People's Trust for Endangered Species	Species
D1688/010/01	Big Hedgehog Map records - Records from 2023	People's Trust for Endangered Species	Species
D1701/001/01	Non Native Species Across Wales (1989 to 2012) - Records from the Cofnod area	Cyfoeth Naturiol Cymru/Natural Resources Wales (NBN Download)	Species
D1748/001/01	Miscellaneous species records collected by Tom Knight (personal records)	Tom Knight	Species
D1798/002/01	Miscellaneous species records collected by Tyrer Ecological Consultants on behalf of various clients - Bat records from 2017	Tyrer Ecological Consultants	Species
D1814/001/01	Records of Curlew and Lapwing collected as part of the Curlew Cymru Project	Individual recorders	Species
D1818/002/01	Additional Weevil records held by Weevil and Bark Beetle Recording Scheme - Records which Cofnod does not already hold, received April 2020	Weevil and Bark Beetle Recording Scheme	Species
D1823/001/01	Species records collected as part of a Bioblitz at Minera Quarry NWWT Reserve, 2nd June 2018	Ymddiriedolaeth Natur Gogledd Cymru/North Wales Wildlife Trust	Species
D1823/002/01	Species records collected as part of a Bioblitz at Minera Quarry NWWT Reserve, 2nd June 2018 - Records from Geoff Radford	Geoff Radford	Species
D1823/003/01	Species records collected as part of a Bioblitz at Minera Quarry NWWT Reserve, 2nd June 2018 - Records from Ian Wallace	Ian Wallace	Species
D1844/005/07	iRecord data for the Cofnod area (Verified records) - Records verified on iRecord	iRecord and individual recorders	Species

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D1852/001/01	RSPB Big Garden Birdwatch winter sightings in the UK in 2008 - 2008 records	RSPB (NBN Download, 16/01/2019)	Species
D1852/002/01	RSPB Big Garden Birdwatch winter sightings in the UK in 2008 - 2009 records	RSPB (NBN Download, 16/01/2019).	Species
D1858/001/02	Butterfly records collected and collated by Andrew Graham for VCs 50 and 51 - Records to 2019 inclusive	Andrew Graham	Species
D1858/003/01	Butterfly records collected and collated by Andrew Graham for VCs 50 and 51 - 2020 records	Andrew Graham	Species
D1858/004/01	Butterfly records collected and collated by Andrew Graham for VCs 50 and 51 - 2021 records	Andrew Graham	Species
D1858/005/01	Butterfly records collected and collated by Andrew Graham for VCs 50 and 51 - 2022 records	Andrew Graham	Species
D1858/006/01	Butterfly records collected and collated by Andrew Graham for VCs 50 and 51 - Additional records to 2018	Andrew Graham	Species
D1858/008/01	Butterfly records collected and collated by Andrew Graham for VCs 50 and 51 - Records from 2024 and previous years	Andrew Graham	Species
D1923/001/01	Natural Resources Wales (NRW) Licence Return Dataset	Cyfoeth Naturiol Cymru/Natural Resources Wales (NBN Download, 05/12/2019)	Species
D1924/001/02	UK Butterfly Monitoring Scheme (UKBMS) data from North Wales	UKBMS and Andrew Graham	Species
D1931/001/01	Environment Agency England and Wales (2012) Non-native Species records v1	Environment Agency (NBN Download, 09/01/2020)	Species
D1958/001/01	Vice-County dataset - Butterfly records from Denbighshire and Flintshire Vice-counties (50 and 51) - Records entered through the Cofnod ORS	Jan Miller	Species
D1986/001/01	Non-avian taxa (BTO/JNCC/RSPB partnership)	British Trust for Ornithology (NBN download, 25/11/2020)	Species
D1991/001/02	Moth records collected or collated by Andrew Graham from VC's 50 and 51	Andrew Graham	Species
D1991/003/01	Moth records collected or collated by Andrew Graham from VC's 50 and 51 - Records from 2024, plus additional records from previous years	Andrew Graham	Species
D2004/001/01	N.E. Wales Adder monitoring project	N.E. Wales Adder Monitoring Programme volunteers, Mick Brummage, Mandy Cartwright (ARC Trust), NRW, NWWT, Bionet and its partners.	Species
D2037/001/01	Miscellaneous species records from North Wales Wildlife Trust reserves - Records entered by NWWT staff and volunteers	Ymddiriedolaeth Natur Gogledd Cymru/North Wales Wildlife Trust	Species

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D2159/001/01	Vice-County dataset – Fungi records from Denbighshire and Flintshire Vice-counties (50 and 51) - Records entered through the ORS	David Winnard	Species
D2200/001/01	Bryophyte data for Great Britain and Ireland from the British Bryological Society held by BRC - Records from the Cofnod area	Blockeel TL, Bosanquet SDS, Hill M , Preston C (eds) 2014. Atlas of British and Irish bryophytes. Newbury: Pisces Publications. (data up to 2013) and Records provided by British Bryological Society, accessed through NBN Atlas website (post-2013 data). Occurrence dataset accessed through the NBN Atlas.	Species
D2218/001/01	North Wales Wildlife Trust Nature Counts Project - Ad hoc records entered through the ORS	Ymddiriedolaeth Natur Gogledd Cymru/North Wales Wildlife Trust and Individual Recorders	Species
D0154/001/06	North Wales Wildlife Trust reserve boundaries	Ymddiriedolaeth Natur Gogledd Cymru/North Wales Wildlife Trust	Sites
D0220/001/05	GIS Datasets for Protected Sites in Wales - Areas of Outstanding Natural Beauty	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number AC0000849444 . Crown Copyright and Database Right.	Sites
D0220/009/15	GIS Datasets for Protected Sites in Wales - Sites of Special Scientific Interest (SSSI) - GIS dataset	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number AC0000849444. Crown Copyright and Database Right.	Sites
D0220/011/04	GIS Datasets for Protected Sites in Wales - Country Parks	Attribution statement Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number AC0000849444. Crown Copyright and Database Right.	Sites
D0220/012/07	GIS Datasets for Protected Sites in Wales - Special Areas of Conservation-GIS dataset	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number AC0000849444. Crown Copyright and Database Right.	Sites
D0220/013/05	GIS Datasets for Protected Sites in Wales - Listed Buildings	Designated Historic Asset GIS Data, The Welsh Historic Environment Service (Cadw), 2025.	Sites
D0220/014/04	GIS Datasets for Protected Sites in Wales - Scheduled Monuments	Designated Historic Asset GIS Data, The Welsh Historic Environment Service (Cadw), 07/01/2025, licensed under the Open Government Licence http://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/	Sites
D0229/001/04	Wrexham Wildlife Sites data - GIS layer	Cyngor Bwrdreistref Sirol Wrecsam/Wrexham County Borough Council	Sites
D1228/002/01	Regionally Important Geodiversity Sites (RIGS) in North East Wales - Site Boundaries	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved.	Sites
D1981/001/02	All Wales B-Lines GIS maps	Buglife Cymru	Sites
D2073/001/01	Important Invertebrate Areas	Buglife	Sites

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D2175/001/01	Important Curlew Areas	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number AC0000849444. Crown Copyright and Database Right. © RSPB 2023. © Denbighshire County Council. © Copyright Brecon Beacons National Park. © 2023 Game & Wildlife Conservation Trust © Copyright 2023 Elan Valley Trust. © Welsh Ornithological Society.	Sites
D0157/002/01	Phase 1 Habitat Survey of Wales 1979-1997 - GIS layer showing habitats as polygons and using the phase 1 codes to identify the habitat category	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right.	Habitats
D1006/004/04	Ancient Woodland Inventory 2021 - 2021	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number AC0000849444. Crown Copyright and Database Right.	Habitats
D1793/002/02	Ancient Tree Inventory - Habitat	© Ancient Tree Inventory, Woodland Trust, Date Accessed (12/2024)	Habitats
D2082/001/02	Environment (Wales) Act Section 7 Terrestrial Habitats of Principal Importance - WELSH GOVERNMENT, 2016: "Environment (Wales) Act 2016: Section 7 List of Habitats of Principal Importance".	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number AC0000849444. Crown Copyright and Database Right.	Habitats
D2162/001/01	Priority Ecological Networks (PENs)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right.	Habitats

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Search Location	Grid Reference
Minera Quarry	SJ2586951943

Category 1 Species
No Records Found

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Category 2 Species
No Records Found

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Category 3 Species
No Records Found

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Designation List - INNS
No Records Found

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Designation List - INNS-W
No Records Found

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Sites - 23 records	
Sites of Special Scientific Interest intersecting 1000m buffer	Ruabon / Llantysilio Mountains and Minera (482) **(18m)**
Special Areas of Conservation intersecting 1000m buffer	Berwyn a Mynyddoedd De Clwyd / Berwyn and South Clwyd Mountains (UK0012926) **(46m)**
Areas of Outstanding Natural Beauty intersecting 1000m buffer	Bryniau Clwyd a Dyffryn Dyfrdwy/Clwydian Range and Dee Valley **(0m)**
NWWT Reserves intersecting 1000m buffer	Minera Quarry **(0m)**
Scheduled Ancient Monuments intersecting 1000m buffer	Esclusham Mountain Cairn, Minera (DE196) (781m), Minera Hoffman Limekiln (DE235) (206m), Bank of Six Vertical Limekilns at Minera Quarry (DE236) **(45m)**
Listed Buildings intersecting 1000m buffer	Ty Brith (1618) (942m), Atcherley Lime Kilns (19717) (332m), Pen-y-Nant (19719) (863m)
Country Parks intersecting 1000m buffer	Minera Lead Mines (953m)
B-Lines intersecting 1000m buffer	B-Lines, Cymru **(0m)**
Important Invertebrate Areas intersecting 1000m buffer	North East Wales **(0m)**
Important Curlew Areas intersecting 1000m buffer	ICA 4 Ruabon / Rhiwabon (325m), ICA 5 South Clwyd Mountains / Mynyddoedd De Clwyd (148m)
Regionally Important Geodiversity Sites NE Wales intersecting 1000m buffer	Minera 1 (74) (70m), Minera 2 (110) (738m)
Wildlife Sites for Wrexham intersecting 1000m buffer	Bwlchgwyn Quarry (W205) [Adopted] (944m), Eisteddfod Grassland (W206) [Adopted] (624m), Eisteddfod Quarry (W207) [Adopted] (564m), Old Farm (W209) [Adopted] (191m), New Brighton (W215) [Adopted] (872m), Pen y Nant, Minera (W249) [Adopted] (823m)

Special Areas of Conservation

Site Code	Site Name	Link
UK0012926	Berwyn a Mynyddoedd De Clwyd / Berwyn and South Clwyd Mountains	More Information

NWWT Reserves

Site Code	Site Name	Link
	Minera Quarry	More Information

Scheduled Ancient Monuments

Site Code	Site Name	Class	Period	Site Type	Link
DE196	Esclusham Mountain Cairn, Minera	Religious, Ritual and Funerary	Prehistoric	Round Cairn	More Information
DE235	Minera Hoffman Limekiln	Industrial	Post Medieval/Modern	Limekiln	More Information
DE236	Bank of Six Vertical Limekilns at Minera Quarry	Industrial	Post Medieval/Modern	Limekiln	More Information

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Listed Buildings						
Site Code	**Site Name**	**Grade**	**Location**	**Unitary Authority**	**Classification**	**Link**
1618	Ty Brith	II	Minera	Wrexham	Domestic	More Information
19717	Atcherley Lime Kilns	II	Minera	Wrexham	Industrial	More Information
19719	Pen-y-Nant	II	Minera	Wrexham	Health and Welfare	More Information

B-Lines		
Site Code	**Site Name**	**Link**
	B-Lines, Cymru	More Information

Important Invertebrate Areas		
Site Code	**Site Name**	**Link**
	North East Wales	More Information

Regionally Important Geodiversity Sites NE Wales					
Site Code	**Site Name**	**Subcategory**	**Network**	**Category**	**Subnetwork**
74	Minera 1	Mineralogy	MVT	Scientific | Educational	
110	Minera 2	Structural		Scientific | Educational	Ordovician/Carboniferous

Wildlife Sites for Wrexham				
Site Code	**Site Name**	**Habitats**	**Description**	**Link**
W205	Bwlchgwyn Quarry [Adopted]	Acid dry dwarf shrub heath, Continuous bracken, Improved grassland, Scattered scrub, Semi-improved acid grassland, Semi-improved neutral grassland	This is a large site with a disused quarry partly surrounded by pasture land. The quarry is now used extensively by motor vehicles causing much erosion. The quarry vegetation is patchy, mainly birch, willow and rowan trees with a dwarf dry heath of heather, western gorse and wavy hair-grass. There is a large pool in the quarry with common spike-rush, water-crowfoot, water-starwort, water mint and a few willow bushes. Common frogs were recorded, but a survey of the pool is required to determine whether great crested newts occur. Fragrant orchid, common spotted orchid, and heath speedwell also occur in this quarry and it is a good site for birds such as swallows and redstart. The quarry is a Regionally Important Geological Site. Between the quarry and the grasslands to the west there is a broad-leaved woodland/scrub dominated by rowan and birch with a ground flora of bracken, bramble and dwarf dry heath. The pony pastures in the north-west corner are semi-improved neutral to acid grassland with scattered	More Information

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Site Code	Site Name	Habitats	Description	Link
			bracken. Common bent, mouse-eared hawkweed and sweet vernal grass are abundant and there is a small patch of heather. To the west there is a field with a small disused quarry at its centre surrounded by dwarf dry heath, dominated by western gorse and heather with heath bedstraw and wavy hair-grass. Here there is also a semi-improved acid grassland with tufted hair-grass, mat grass and lousewort. Between this field and the quarry there is a semi-improved grassland grazed by a pony ,which is dominated by catsear with abundant common bent, sweet vernal grass, black knapweed and ribwort plantain, frog orchid also occurs.	
W206	Eisteddfod Grassland [Adopted]	Semi-improved neutral grassland	Two fields of semi-improved neutral grassland, grazed by horses and rams. Mounds of calcareous spoil within the fields have a short herb rich calcareous grassland with abundant quaking grass. The fields themselves are dominated by white clover, crested dog's tail and ribwort plantain. Yarrow is abundant and yellow rattle and black knapweed are frequent.	More Information
W207	Eisteddfod Quarry [Adopted]	Semi-improved neutral grassland	A quarry site surrounded by a complex area of steep cliffs with ledges. There are patches of species rich limestone grassland in the coarse semi-improved neutral grassland. Quaking grass, musk thistle, pyramidal orchid and carline thistle occur.	More Information
W209	Old Farm [Adopted]	Semi-improved neutral grassland	A field adjacent to an SSSI. It is a semi-improved neutral grassland on a gentle west facing slope, next to a stream which is dominated by crested dog's-tail. Ribwort plantain, black knapweed, white clover, selfheal and sweet vernal grass are abundant. Burnet saxifrage and cowslip occur.	More Information

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Site Code	Site Name	Habitats	Description	Link
W215	New Brighton [Adopted]	Acid dry dwarf shrub heath, Continuous bracken, Dense/continuous scrub, Semi-improved acid grassland, Semi-improved neutral grassland	This large site includes a disused lead mine, dismantled railway and an old silica rock quarry, which is still partly in use. The quarry has been recolonised by a mosaic of birch scrub and heather, gorse and bracken. Within the quarry there are damp patches with soft rush. It is a good area for birds. Directly north of the quarry there is a steep north facing slope with rowan and bracken, and to the west there is a large mosaic of bracken, heather and rowan. Common spotted orchid occurs here. The semi-improved acid grassland is dominated by sheep's sorrel, yorkshire fog and heath bedstraw. The lead mines to the north have an old railway line with willow scrub and some semi-improved grassland. There are large spoil mounds recolonised by birch scrub and dry heath with yellow-wort, fairy flax, yellow rattle and common milkwort present.	More Information
W249	Pen y Nant, Minera [Adopted]	Fraxinus - Acer - Mercurialis woodland, Marsh/marshy grassland, Semi-natural broad-leaved woodland, Unimproved neutral grassland	Unimproved rank grassland on steep slopes down to a strip of woodland along a stream. False oat-grass and black knapweed are the major species in the grassland. Within the marshy area ragged robin and devil's-bit scabious occur. The woodland canopy is mostly sycamore and alder with holly and hawthorn beneath. There is bluebell and wood-sorrel within the ground flora.	More Information

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Ancient Woodland				
Habitat	Distance	Area	Coverage	At Search Location
Ancient Semi Natural Woodland	340m - 875m	2.967ha	0.945%	No

Phase 1 Habitat Survey				
Habitat	Distance	Area	Coverage	At Search Location
B.4 - Improved Grassland	102m - 968m	112.299ha	35.76%	No
D.1.1 - Dry Acid Heath	371m - 996m	47.615ha	15.162%	No
B.2.2 - Semi-improved Neutral Grassland	90m - 994m	33.692ha	10.729%	No
I.2.1 - Quarry	54m - 207m	28.119ha	8.954%	No
A.1.1.1 - Semi-natural Broad-leaved Woodland	26m - 944m	16.605ha	5.288%	No
B.1.1 - Unimproved Acid Grassland	366m - 787m	11.277ha	3.591%	No
B.3.1 - Unimproved Calcareous Grassland	39m - 940m	10.677ha	3.4%	No
C.1.1 - Bracken	167m - 772m	10.416ha	3.317%	No
A.2.1 - Dense Scrub	19m - 988m	8.959ha	2.853%	No
I.1.1.1 - Acid/Neutral Inland Cliff	42m - 990m	3.111ha	0.991%	No
N/A	15m - 991m	2.736ha	0.871%	No
I.1.2.1 - Acid/Neutral Scree	785m	0.831ha	0.265%	No
J.3.6 - Buildings	842m - 928m	0.452ha	0.144%	No
D.5 - Dry Heath/Acid Grassland Mosaic	929m - 994m	0.341ha	0.108%	No
C.3.1 - Tall Ruderal Herb	600m	0.143ha	0.046%	No
J.1.5 - Gardens	883m	0.102ha	0.032%	No
A.1.2.2 - Planted Coniferous Woodland	966m	0.079ha	0.025%	No
G.1 - Standing Water	733m	0.014ha	0.004%	No

Ancient Tree Inventory				
Habitat	Distance	Area	Coverage	At Search Location
Notable tree	953m	0ha	0%	No

Priority Ecological Networks				
Habitat	Distance	Area	Coverage	At Search Location
Semi-Natural Grassland	0m - 976m	221.451ha	70.518%	Yes
Heathland	355m	62.282ha	19.833%	No
Bog	512m	27.238ha	8.674%	No

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Habitat	Distance	Area	Coverage	At Search Location
Native Woodland	894m	2.66ha	0.847%	No

Section 7 Habitats of Principal Importance				
Habitat	**Distance**	**Area**	**Coverage**	**At Search Location**
Upland heathland	453m - 998m	31.246ha	9.95%	No
Lowland dry acid grassland	366m - 787m	9.148ha	2.913%	No
Lowland meadows	91m - 990m	7.821ha	2.491%	No
Lowland calcareous grassland	166m - 937m	5.941ha	1.892%	No
Lowland heathland	371m - 944m	4.725ha	1.505%	No
Limestone pavements	911m	1.306ha	0.416%	No
Upland calcareous grassland	692m - 955m	0.969ha	0.308%	No
Traditional orchard	997m	0.001ha	0%	No

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Documents - spatially referenced documents found within the search area					
Document Type	**Distance**	**Document ID**	**Title**	**Description**	**Grid Reference**
Consultancy Survey Report	345m	CO/DOC02921	WAKE, K., 2019: "Corwen to Legacy Overhead Line Route (Towers 253 - 413): Preliminary Ecological Appraisal". Enfys Ecology Ltd	Preliminary Ecological Appraisal	

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