

# Biodiversity Annual Monitoring Report 2023 Vale of White Horse Council





### Highlights

- There are 79 Local Wildlife Sites in Vale of White Horse totalling 1793.49 hectares. The area of these LWS has decreased by 0.13ha since 2022.
- There are 3030.23ha of NERC S41
   habitats in Vale of White Horse. This
   has increased by 77.76ha since 2022.
- There were 117 surveys for water voles in 2022, with 39 positive sightings. This is a success rate of 33%.
- There have been records of 156 priority species in Vale of White Horse within the last 10 years. We have not received from four priority species in the last 10 years.
- The farmland bird index for Vale of White Horse is 1.12 which shows the index increased by 0.15 from 2021.

### Introduction

This document provides biodiversity information to be used by Vale of White Horse Council in the production of its Annual Monitoring Report. The biodiversity information in this report is based on figures from the 2022-2023 business year unless otherwise indicated. The approach of this report is to set Vale of White Horse data in a unitary context, with further national or regional perspectives where appropriate. The biodiversity information associated with each indicator is accompanied by a brief commentary, containing guidance on the interpretation of the information, issues of data quality and the sources of the data.

Whilst a large proportion of the information contained within the report is derived from TVERC sources, the report acknowledges the assistance provided by various individuals and recording groups in the updating and interpretation of the biodiversity information.

### The information provided in this report is as follows:

- Changes in the area of biodiversity importance (LWS/LGS)
- Changes in the area of UK S41 priority habitats
- Changes in the number of water voles
- Changes in the number of UK S41 priority species
- Distribution and status of farmland birds

This indicator analyses the changes in the areas of sites which are recognised for their intrinsic environmental value, specifically those sites designated for their local significance.

The calculation of the percentage of designated sites within Vale of White Horse are based on GIS determination of the area that the Local Authority cover. For Vale of White Horse this is 57869.68.

### **INFORMATION SOURCES**

### **Local Wildlife Sites**

TVERC maintains the Local Wildlife Site boundaries on GIS. Alterations are made to these boundaries as decisions are made by the site selection panel during the course of the year, or boundary errors are corrected. Figures for changes in area are derived from an analysis of digitised site boundary files following the site selection panel meeting of the year of analysis. Some sites are made up of multiple polygons which have previously been counted as separate sites. Counts in this report are based on the number of sites, rather than polygons, thus counts may differ from previous reports aside from any changes arising from panel decisions. Multiple polygons still contribute to the total area calculations.

### **Local Geological Sites**

Formerly known as Regionally Important Geological and Geomorphological Sites. Site information was digitised in GIS using site documentation provided by Berkshire Geoconservation and the Oxford Geology Trust.

# Changes in areas of biodiversity importance

### **AREAS OF BIODIVERSITY IMPORTANCE**

There are 79 Local Wildlife Sites in Vale of White Horse.

The area of Local Wildlife Sites has changed by 0.13 hectares since last year.

The area of Local Geological sites has not changed since last year.

**Table 1. Areas of Sites Designated for Intrinsic Environmental Value** 

| Designation           | 2022    | 2023    |
|-----------------------|---------|---------|
| Local Geological Site | 69.25   | 69.25   |
| Local Wildlife Site   | 1793.62 | 1793.49 |



This indicator identifies the UK NERC
Act section 41 habitats of principal importance (priority habitats) within Vale of
White Horse, as maintained on the
TVERC digital mapping system.

Table 2 provides details of the UK priority habitats which have been identified within Vale of White Horse. The changes in the UK priority habitats are mostly attributable to new information such as confirmation of boundaries of habitat types.

Over the past year TVERC has done significant work to incorporate habitat data from BBOWT, which has led to reclassification of areas of S41Habitat. There has also been a large import of Eutrophic Standing Waters from various sources, which has led to substantial increases in area.



# Changes in area of UK priority habitat

### **UK PRIORITY HABITAT**

The changes largely represent an improved understanding of the habitat resource in Vale of White Horse, rather than the creation or loss of habitat.

**Table 2. UK Priority Habitat Resource** 

| S41 HABITAT  | 2022(area in ha) | 2023 (area in ha) |
|--|------------------|-------------------|
| Arable Field Margins                                 | 0.04             | 0.04              |
| Coastal And Floodplain Grazing<br>Marsh              | 714.14           | 691.59            |
| Eutrophic Standing Waters                            | 240.77           | 350.68            |
| Lowland Beech And Yew Woodland                       | 2.95             | 2.95              |
| Lowland Calcareous Grassland                         | 209.31           | 207.96            |
| Lowland Dry Acid Grassland                           | 22.19            | 23.11             |
| Lowland Fens   | 37.44            | 31.63             |
| Lowland Meadows                                      | 105.62           | 102.40            |
| Lowland Mixed Deciduous Wood-<br>land                | 998.80           | 991.67            |
| Lowland Wood Pasture And Parkland                    | 348.71           | 348.62            |
| Open Mosaic Habitats On Previously<br>Developed Land | 112.94           | 113.04            |
| Reedbeds   | 9.21             | 9.15              |
| Rivers   | 4.73             | 4.86              |
| Traditional Orchards                                 | 98.79            | 98.81             |
| Wet Woodland   | 46.82            | 51.67             |
| Hedgerow (Priority Habitat)                          | 0.00             | 2.06              |
| Total  | 2952.47          | 3030.23           |

Information for this indicator is entirely from survey work carried out by trained volunteer surveyors and co ordinated by the Berkshire, Buckinghamshire and Oxfordshire Wildlife Trust (BBOWT) as part of a wider water vole project. The survey method records presence or absence of water voles within 500m stretch of water course, not population size.

### **FUTURE DATA NEEDS**

The BBOWT water vole project remains dependent on funds being available for long term monitoring of sites and more resource investment is needed to increase survey effort to improve accuracy of this indicator

# Distribution and status of water voles

The number of sites surveyed and the number of positive signs are given in table 3.

Table 3. Number of positive sightings of water voles

| Year | No of surveys | Positive Surveys | % positive |
|------|---------------|------------------|------------|
| 2013 | 51            | 19               | 37         |
| 2014 | 209           | 140              | 67         |
| 2015 | 52            | 13               | 25         |
| 2016 | 77            | 37               | 48         |
| 2017 | 77            | 35               | 45         |
| 2018 | 48            | 6                | 13         |
| 2019 | 77            | 50               | 65         |
| 2020 | 59            | 40               | 68         |
| 2021 | 68            | 28               | 41         |
| 2022 | 117           | 39               | 33         |



This indicator uses records of UK NERC Act Section 41 species of principle importance (priority species) which have been reported in Vale of White Horse Council during the period year to year.

### **QUALITY OF INFORMATION**

The list of priority species is a reflection of recording effort and the speed at which records are added to the TVERC database. A priority species may have been seen a number of years ago, but these records might only have been shared with TVERC and added to the database since the production of the last report.

The absence of a species from the list does not necessarily indicate that it is definitely not present, rather that it may not yet have been found. Equally, the absence of a species since last year might not point to a genuine extinction, rather no recorders are surveying for these species.

### **INFORMATION SOURCES**

The sources of information used for this indicator are: National list of UK priority species, maintained by the JNCC and Species database of verified and validated records held by TVERC.

# Changes in number of UK priority species

### NUMBER OF UK PRIORITY SPECIES

The number of priority species in Vale of White Horse Council is 156. Four species have been removed from the list, as no new records have been made within the last ten years. A list of these species can be found in Appendix 1. Table 4 shows the change in the number of UK priority species recorded since last year. A list of priority species recording in Vale of White Horse can be found in Appendix 2.

Table 4. UK Priority species recorded in Vale of White Horse Council

| Data                          | 2012-2022 | 2013-2023 |
|-------------------------------|-----------|-----------|
| Number of UK Priority species | 160       | 156       |



# Distribution and status of farmland birds

Farmland bird density and the index are given in Table 5.

There was a change in the index compared with 2021. Survey effort was changed compared to last year. Total numbers of farmland birds are reported in **Appendix 3.** 

The data provided this year includes new data for previous years, based on new survey information. Therefore, the index values reported this year are slightly different to those reported last year.

Table 5. Farmland bird index

| COMMON NAME    | 2012   | 2013   | 2014   | 2015   | 2016   | 2017   | 2018   | 2019   | 2020  | 2021   | 2022   |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|
| Corn Bunting   | 1.43   | 1.09   | 1.90   | 1.56   | 1.64   | 3.13   | 3.62   | 3.91   | 2.63  | 3.72   | 3.72   |
| Goldfinch      | 5.33   | 2.86   | 4.95   | 5.33   | 7.91   | 6.87   | 7.96   | 8.96   | 3.37  | 6.00   | 8.00   |
| Goldillich     | 3.33   | 2.00   | 4.73   | 3.33   | 7.71   | 0.07   | 7.70   | 0.70   | 3.37  | 0.00   | 0.00   |
| Greenfinch     | 3.29   | 2.55   | 1.85   | 2.28   | 2.32   | 0.87   | 1.00   | 1.39   | 0.42  | 0.72   | 0.96   |
| Grey Partridge | 0.57   | 0.23   | 0.30   | 0.39   | 0.18   | 0.30   | 0.33   | 0.09   | 0.16  | 0.44   | 0.52   |
| Jackdaw        | 17.95  | 19.59  | 12.45  | 22.28  | 15.14  | 13.96  | 15.38  | 16.39  | 13.58 | 20.40  | 16.04  |
| Kestrel        | 0.29   | 0.27   | 0.30   | 0.56   | 0.36   | 0.30   | 0.29   | 0.26   | 0.21  | 0.12   | 0.28   |
| Lapwing        | 2.33   | 1.55   | 1.10   | 1.56   | 0.95   | 2.70   | 0.25   | 1.09   | 0.05  | 1.32   | 0.56   |
| Linnet         | 3.10   | 2.32   | 3.25   | 8.56   | 6.27   | 5.74   | 7.71   | 4.09   | 2.53  | 3.28   | 3.68   |
| Reed Bunting   | 1.48   | 1.73   | 1.80   | 3.39   | 2.32   | 1.87   | 1.38   | 1.70   | 0.26  | 1.88   | 1.32   |
| Rook           | 40.14  | 44.82  | 73.05  | 55.50  | 28.68  | 34.00  | 45.67  | 42.48  | 26.26 | 35.40  | 51.52  |
| Skylark        | 12.24  | 9.32   | 10.30  | 10.61  | 8.55   | 8.74   | 11.71  | 12.35  | 8.53  | 13.96  | 16.16  |
| Starling       | 5.95   | 9.68   | 2.90   | 2.33   | 5.45   | 2.91   | 2.46   | 8.13   | 1.53  | 7.16   | 4.04   |
| Stock Dove     | 0.95   | 0.86   | 1.70   | 1.94   | 2.09   | 1.61   | 2.38   | 2.70   | 3.37  | 2.68   | 3.48   |
| Tree Sparrow   | 0.57   | 0.32   | 0.10   | 0.22   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00   | 0.00   |
| Turtle Dove    | 0.00   | 0.00   | 0.05   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00   | 0.00   |
| Whitethroat    | 3.19   | 4.14   | 4.95   | 3.72   | 3.59   | 3.30   | 3.92   | 5.26   | 3.32  | 5.12   | 5.12   |
| Woodpigeon     | 56.10  | 55.05  | 38.25  | 39.56  | 47.18  | 48.35  | 54.58  | 48.39  | 27.37 | 45.60  | 58.24  |
| Yellow Wagtail | 0.10   | 0.09   | 0.25   | 0.11   | 0.27   | 0.09   | 0.21   | 0.87   | 0.26  | 0.56   | 0.20   |
| Yellowhammer   | 3.67   | 4.18   | 3.30   | 2.67   | 2.77   | 4.04   | 4.12   | 4.00   | 1.53  | 4.80   | 2.44   |
| Index          | 1.00   | 1.02   | 1.03   | 1.03   | 0.86   | 0.88   | 1.03   | 1.03   | 0.60  | 0.97   | 1.12   |
| Total          | 159.68 | 161.67 | 163.78 | 163.60 | 136.53 | 139.66 | 164.00 | 163.09 | 95.98 | 154.13 | 177.40 |

This indicator uses an established list of 19 species, identifiable as farmland birds, compiled by the RSPB. The Tree Sparrow has been excluded from this in Berkshire and Oxfordshire due to a lack of data.

Survey data were obtained from the British Trust for Ornithology (BTO)/
JNCC/RSPB Breeding Bird Survey, Data from specific 1km by 1km squares were used to determine a farmland bird index. The index was calculated using a method established by RSPB Central England Office staff, and is used in the national State of Nature Report.

To establish a timeframe from which any kind of meaningful trend can be identified, a shifting baseline has been used. Changes in bird population in subsequent years (over a 10 year period) are the stated relative to that baseline. The latest assessment of the farmland bird index uses a baseline of 2012.

### **QUALITY OF DATA**

The reliability of the species records is dependent on the number of 1km squares surveyed each year. This varies from year to year. As such, the reliability of bird density data is open to debate, but the approach has been used in the national State of Nature report and therefore is considered robust.



## Appendix 1

Priority species removed from the list—no new records since 2012. This does not mean that they are not present, only that no records have been added to the TVERC database since 2012.

| Common Name        | Taxon Name                     | Max Year |
|--------------------|--------------------------------|----------|
| Ashen Coral        | Tremellodendropsis<br>tuberosa | 2012     |
| Chamomile          | Chamaemelum no-<br>bile        | 2012     |
| Juniper            | Juniperus communis             | 2012     |
| Yellow Bird's-nest | Hypopitys monotro-<br>pa       | 2012     |

### Appendix 2

List of priority species recorded in Vale of White Horse Council since 2013.

| Common Name             | Taxon Name                   | MYearax |
|-------------------------|------------------------------|---------|
| A Beetle                | Ophonus puncticol-<br>lis    | 2014    |
| A Lichen                | Lecanora sub-<br>livescens   | 2013    |
| Armed Nomad Be          | e Nomada armata              | 2020    |
| August Thorn            | Ennomos quercinar-<br>ia     | 2019    |
| Autumnal Rustic         | Eugnorisma glareosa          | 2014    |
| Basil Thyme             | Clinopodium acinos           | 2021    |
| Beaded Chestnut         | Agrochola lychnidis          | 2019    |
| Bittern                 | Botaurus stellaris           | 2019    |
| Black-headed Mason Wasp | Odynerus melano-<br>cephalus | 2018    |
| Black-tailed Godw       | it Limosa limosa             | 2019    |
| Black Oil-beetle        | Meloe proscarabae-<br>us     | 2021    |
| Blood-vein              | Timandra comae               | 2019    |
| Brent Goose             | Branta bernicla              | 2013    |
| Brindled Beauty         | Lycia hirtaria               | 2019    |



### Appendix 2(continued)

| Common Name                | Taxon Name                   | Max Year |
|----------------------------|------------------------------|----------|
| Brown-Banded<br>Carder Bee | Bombus humilis               | 2018     |
| Brown-spot Pinion          | Anchoscelis litura           | 2019     |
| Brown Hairstreak           | Thecla betulae               | 2020     |
| Brown Hare                 | Lepus europaeus              | 2022     |
| Brown Long-eared<br>Bat    | Plecotus auritus             | 2022     |
| Brown Trout                | Salmo trutta subsp.<br>fario | 2022     |
| Brown/Sea Trout            | Salmo trutta                 | 2022     |

| Common Name | Taxon Name | Max Year |
|-------------|------------|----------|
|             |            |          |
|             |            |          |
|             |            |          |
|             |            |          |
|             |            |          |
|             |            |          |

### Appendix 2(continued)

| Common Name                  | Taxon Name                    | Max Year |
|------------------------------|-------------------------------|----------|
| Lackey                       | Malacosoma neus-<br>tria      | 2018     |
| Lapwing                      | Vanellus vanellus             | 2020     |
| Large Garden<br>Bumblebee    | Bombus ruderatus              | 2018     |
| Large Nutmeg                 | Apamea anceps                 | 2020     |
| Large Wainscot               | Rhizedra lutosa               | 2019     |
| Latticed Heath               | Chiasmia clathrata            | 2019     |
| Lesser Butterfly-<br>orchid  | Platanthera bifolia           | 2014     |
| Lesser Horseshoe<br>Bat      | Rhinolophus hip-<br>posideros | 2021     |
| Lesser Redpoll               | Acanthis cabaret              | 2020     |
| Lesser Spotted<br>Woodpecker | Dryobates minor               | 2015     |
| Linnet                       | Linaria cannabina             | 2020     |
| Liquorice Piercer            | Grapholita pal-<br>lifrontana | 2019     |
| Marsh Fritillary             | Euphydryas aurinia            | 2020     |
| Marsh Tit                    | Poecile palustris             | 2020     |
| Minor Shoulder-<br>knot      | Brachylomia vimi-<br>nalis    | 2016     |
| Mottled Rustic               | Caradrina morphe-<br>us       | 2019     |
| Mouse Moth                   | Amphipyra<br>tragopoginis     | 2020     |
| Mullein Wave                 | Scopula mar-<br>ginepunctata  | 2016     |
| Natterjack Toad              | Epidalea calamita             | 2021     |
| Noctule Bat                  | Nyctalus noctula              | 2021     |
| Oak Hook-tip                 | Watsonalla binaria            | 2019     |
| Oak Lutestring               | Cymatophorina<br>diluta       | 2019     |
| Pale Eggar                   | Trichiura crataegi            | 2019     |
| Picture-winged Fly           | Dorycera grami-<br>num        | 2017     |
| Polecat                      | Mustela putorius              | 2020     |
| Pondweed Leaf-<br>hopper     | Erotettix cyane               | 2014     |
| Powdered Quaker              | Orthosia gracilis             | 2019     |
| Pretty Chalk Carpe           | t Melanthia procel-<br>lata   | 2015     |
| Red-shanked Carder<br>er Bee | Bombus ruderarius             | 2018     |
| Red Hemp-nettle              | Galeopsis angusti-<br>folia   | 2015     |
| Reed Bunting                 | Emberiza schoeni-<br>clus     | 2020     |
| Ring Ouzel                   | Turdus torquatus              | 2017     |

| Common Name                  | Taxon Name                    | Max Year |
|------------------------------|-------------------------------|----------|
| Rosy Minor                   | Litoligia literosa            | 2017     |
| Rosy Rustic                  | Hydraecia micacea             | 2020     |
| Rugged Oil-<br>beetle        | Meloe rugosus                 | 2013     |
| Rustic                       | Hoplodrina blanda             | 2020     |
| Sallow                       | Cirrhia icteritia             | 2019     |
| Scaup                        | Aythya marila                 | 2019     |
| Sedge Jumper                 | Attulus caricis               | 2016     |
| September Thorn              | Ennomos erosaria              | 2019     |
| Shaded Broad-ba              | Scotopteryx che-<br>nopodiata | 2019     |
| Shepherd's-<br>needle        | Scandix pecten-<br>veneris    | 2014     |
| Shoulder-striped<br>Wainscot | Leucania comma                | 2020     |
| Skylark                      | Alauda arvensis               | 2021     |
| Slow-worm                    | Anguis fragilis               | 2021     |
| Small Blue                   | Cupido minimus                | 2021     |
| Small Emerald                | Hemistola chryso-<br>prasaria | 2019     |
| Small Heath                  | Coenonympha<br>pamphilus      | 2019     |
| Small Heath                  | Coenonympha<br>pamphilus pam- | 2021     |
| Small Phoenix                | Ecliptopera si-<br>laceata    | 2019     |
| Small Square-spo             | t Diarsia rubi                | 2019     |
| Song Thrush                  | Turdus philomelos             | 2022     |
| Soprano Pipi-<br>strelle     | Pipistrellus pyg-<br>maeus    | 2021     |
| Southern Damsel-<br>fly      | - Coenagrion mer-<br>curiale  | 2021     |
| Spinach                      | Eulithis mellinata            | 2014     |
| Spotted Flycatch-<br>er      | Muscicapa striata             | 2017     |
| Sprawler                     | Asteroscopus sphinx           | 2016     |
| Stag Beetle                  | Lucanus cervus                | 2020     |
| Starling                     | Sturnus vulgaris              | 2020     |
| Stone-curlew                 | Burhinus<br>oedicnemus        | 2020     |
| Tree Pipit                   | Anthus trivialis              | 2018     |
| Tree Sparrow                 | Passer montanus               | 2014     |
| True Fox-sedge               | Carex vulpina                 | 2018     |
| Tubular Water-<br>dropwort   | Oenanthe fistulosa            | 2021     |

## Appendix 2

| Common Name                  | Taxon Name                    | MYearax |
|------------------------------|-------------------------------|---------|
| Turtle Dove                  | Streptopelia turtur           | 2017    |
| West European<br>Hedgehog    | Erinaceus europaeus           | 2021    |
| Western Barbas-<br>telle     | Barbastella barbas-<br>tellus | 2021    |
| White-letter Hair-<br>streak | Satyrium w-album              | 2020    |
| White Admiral                | Limenitis camilla             | 2020    |
| White Ermine                 | Spilosoma lubrici-<br>peda    | 2019    |
| White Helleborine            | Cephalanthera<br>damasonium   | 2022    |
| Willow Tit                   | Poecile montanus              | 2013    |
| Wood Warbler                 | Phylloscopus sibila-<br>trix  | 2013    |
| Woodlark                     | Lullula arborea               | 2014    |
| Yellow Bird's-nest           | Hypopitys monotro-<br>pa      | 2012    |
| Yellow Wagtail               | Motacilla flava               | 2020    |
| Yellow Wagtail               | Motacilla flava<br>flavissima | 2020    |
| Yellowhammer                 | Emberiza citrinella           | 2020    |



### Appendix 3

Breeding bird survey results from BTO (2012 to 2022). Total number of farmland birds recorded in Vale of White Horse from 2012 to 2022.

| COMMON NAME    | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|
| Corn Bunting   | 13   | 19   | 18   | 26   | 25   | 36   | 85   | 67   | 108  | 44   | 69   |
| Goldfinch      | 133  | 172  | 90   | 128  | 139  | 203  | 160  | 182  | 256  | 107  | 159  |
| Greenfinch     | 112  | 92   | 92   | 58   | 58   | 58   | 24   | 32   | 32   | 12   | 18   |
| Grey Partridge | 10   | 12   | 10   | 12   | 14   | 10   | 9    | 14   | 4    | 4    | 18   |
| Jackdaw        | 565  | 554  | 601  | 331  | 513  | 414  | 444  | 392  | 478  | 363  | 630  |
| Kestrel        | 12   | 10   | 6    | 11   | 14   | 14   | 15   | 13   | 9    | 8    | 6    |
| Lapwing        | 140  | 20   | 44   | 26   | 24   | 14   | 52   | 8    | 20   | 2    | 28   |
| Linnet         | 132  | 60   | 34   | 67   | 207  | 168  | 132  | 202  | 100  | 49   | 73   |
| Reed Bunting   | 12   | 10   | 14   | 12   | 10   | 24   | 18   | 14   | 14   | 8    | 14   |
| Rook           | 1112 | 1062 | 1177 | 1336 | 1223 | 869  | 865  | 1191 | 1144 | 870  | 1031 |
| Skylark        | 193  | 186  | 140  | 174  | 151  | 175  | 195  | 217  | 258  | 188  | 245  |
| Starling       | 278  | 240  | 424  | 104  | 80   | 155  | 108  | 104  | 342  | 64   | 233  |
| Stock Dove     | 44   | 22   | 26   | 34   | 42   | 44   | 48   | 60   | 69   | 106  | 60   |
| Tree Sparrow   | 36   | 14   | 12   | 4    | 4    | 0    | 0    | 0    | 0    | 0    | 0    |
| Turtle Dove    | 0    | 0    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Whitethroat    | 134  | 72   | 107  | 118  | 62   | 91   | 89   | 102  | 133  | 98   | 120  |
| Woodpigeon     | 1355 | 1295 | 1420 | 877  | 854  | 1186 | 1304 | 1453 | 1329 | 780  | 1394 |
| Yellow Wagtail | 4    | 0    | 2    | 6    | 0    | 6    | 2    | 5    | 4    | 0    | 4    |
| Yellowhammer   | 128  | 97   | 108  | 91   | 60   | 69   | 126  | 109  | 99   | 44   | 164  |

Data provided by the BTO/JNCC/RSPB Breeding Bird Survey. The BTO/JNCC/RSPB Breeding Bird Survey is a partnership jointly funded by the British Trust for Ornithology (BTO), Royal Society for the Protection of Birds (RSPB) and the Joint Nature Conservation Committee (JNCC), with fieldwork conducted by volunteers.



# About TVERC Enabling data-driven decisions to better enhance and protect our natural environment.

Thames Valley Environmental Records Centre (TVERC) is a 'not for profit' organisation covering Berkshire and Oxfordshire. We are run by a partnership and are one of a national network of local records centres. We are a member of the Association of Local Records Centres (ALERC) and the National Biodiversity Network (NBN).

Our funding partners include all the local authorities in Oxfordshire & Berkshire plus the Environment Agency.

We also work closely with the Berkshire, Buckinghamshire and Oxfordshire Wildlife Trust.

### WHAT WE DO

We provide our funding partners with annually updated species and sites information as GIS tables, and undertake surveys of local wildlife sites. We also carry out data analysis for the monitoring of local authority Local Plans. We provide information to parish councils, local people, conservation bodies, land-owners, students and commercial organisations such as ecological consultants and utilities companies via data searches, data licensing and data exchanges. We provide other services such as ecological surveys, data analysis & presentation and training.

### Get involved!

Please continue (or begin) to submit your records to TVERC. The more data we have, the better we are able to help protect our local wildlife. Thank you!

https://www.tverc.org/cms/content/share-your-records

### **Our Records**

We hold over 4.5 million records of flora and fauna in Berkshire and Oxfordshire plus information about Local Wildlife Sites and Geological Sites, NERC Act S41 Habitats of Principal Importance and Ecological Networks. We collect this data from the general public, skilled volunteer/amateur recorders, professionals working for wildlife charities and for government agencies and ecological consultants.

### WHAT THE INFORMATION IS USED FOR

- By planning authorities and developers to make informed decision on the design and location of sustainable development
- To help farmers, land-owners and conservation organisations manage land in the best way to enhance biodiversity
- By nature partnerships to direct wildlife conservation work
- By teachers, students and scientists for education and scientific research.

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