**Appendix X: Data sources for the Strategic Wildlife Corridors**

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| **Component of Strategic Wildlife Corridor/GIS Layer** | **Source** |
| **Westbourne to Hermitage Strategic Wildlife Corridor** |
| Chichester Harbour Special Protection Area | Sussex Biodiversity Records Centre (SxBRC) or Defra Magic Mapping (magic.defra.gov.uk) |
| The River Ems and Lumley Stream | SxBRC |
| The River Ems and Meadows Local Wildlife Site | SxBRC |
| Slipper Mill Pond and Peter Pond LWS | SxBRC |
| Ancient Woodland  | SxBRC |
| Bat Records | Bat Research Unit/SxBRC |
| Protected Species Records | SxBRC |
| Rare Species Records | SxBRC |
| Notable Bird Records | SxBRC |
| Notable Algal Records | www.algalbase.org |
| Westbourne chalk streams to Compton tributaries Biodiversity Opportunity Area, including ancient water meadows at Mill Meadows Farm | Sussex Biodiversity Partnership |
| Bat Network (including treelines, hedgerows and partials of woodland used by bats) | Forest Research UK report and data layers |
| Wetland/Water vole Network (watercourse, ditches and rifes) | Forest Research UK report and data layers |
| Barn Owl Habitat | Forest Research UK report and data layers |
| **Nutbourne to Hambrook Strategic Wildlife Corridor** |
| Chichester Harbour Special Protection Area | Sussex Biodiversity Records Centre (SxBRC) or Defra Magic Mapping (magic.defra.gov.uk) |
| Ham Brook Chalk Stream | SxBRC |
| Ancient Woodland  | SxBRC |
| Bat Records | SxBRC, Transect Surveys, Gray’s Ecology Survey (Appendix 3) |
| Protected Species Records including Water Voles | SxBRC |
| Rare Species Records | SxBRC |
| Notable Bird Records | SxBRC |
| Bat Network (including treelines, hedgerows and parcels of woodland used by bats) | Forest Research UK report and data layers |
| Wetland/Water vole Network (watercourse, ditches and rifes) | Forest Research UK report and data layers |
| Barn Owl Habitat | Forest Research UK report and data layers |
| **Chidham/East of Nutbourne Strategic Wildlife Corridor** |
| Chichester Harbour Special Protection Area | Sussex Biodiversity Records Centre (SxBRC) or Defra Magic Mapping (magic.defra.gov.uk) |
| Newells Lane Pond and Meadows LWS | SxBRC |
| Ancient Woodland  | SxBRC |
| Bat Records | SxBRC |
| Protected Species Records | SxBRC |
| Rare Species Records | SxBRC |
| Notable Bird Records | SxBRC |
| Bat Network (including treelines, hedgerows and parcels of woodland used by bats) | Forest Research UK report and data layers |
| Wetland/Water vole Network (watercourse, ditches and rifes) | Forest Research UK report and data layers |
| Barn Owl Habitat | Forest Research UK report and data layers |
| **Broadbridge to East Ashling Strategic Wildlife Corridor** |
| Chichester Harbour Special Protection Area | Sussex Biodiversity Records Centre (SxBRC) or Defra Magic Mapping (magic.defra.gov.uk) |
| Chalk Stream | SxBRC |
| Bat Records | SxBRC, Static Recorder Surveys 2019 Appendix 2) |
| Protected Species Records | SxBRC |
| Water Vole Records | CDC survey (appendix 4) |
| Rare Species Records | SxBRC |
| Notable Bird Records | SxBRC |
| Bat Network (including treelines, hedgerows and partials of woodland used by bats) | Forest Research UK report and data layers |
| Wetland/Water vole Network (watercourse, ditches and rifes) | Forest Research UK report and data layers |
| Barn Owl Habitat | Forest Research UK report and data layers |
| **West of Chichester to Fishbourne Strategic Wildlife Corridor** |
| Chichester Harbour Special Protection Area | Sussex Biodiversity Records Centre (SxBRC) or Defra Magic Mapping (magic.defra.gov.uk) |
| Fishbourne Meadows LWS | SxBRC |
| Ancient Woodland  | SxBRC |
| Bat Records | SxBRC, 2019 static surveys, Appendix 2 |
| Protected Species Records | SxBRC |
| Rare Species Records | SxBRC |
| Notable Bird Records | SxBRC |
| Fishbourne and Chalk Streams Biodiversity Opportunity Areas | Sussex Biodiversity Partnership |
| Lavant Watershed Biodiversity Opportunity Areas | Sussex Biodiversity Partnership |
| Bat Network (including treelines, hedgerows and partials of woodland used by bats) | Forest Research UK report and data layers |
| Wetland/Water vole Network (watercourse, ditches and rifes) | Forest Research UK report and data layers |
| Barn Owl Habitat | Forest Research UK report and data layers |
| **Westhampnett to Pagham Harbour Strategic Wildlife Corridor** |
| Pagham Harbour Special Protection Area | Sussex Biodiversity Records Centre (SxBRC) or Defra Magic Mapping (magic.defra.gov.uk) |
| Bat Records | SxBRC, Barbastelle Bats in the South Downs National Park report 2015 (Appendix 1). Static Bat Survey Report by AEWC January 2022 (Appendix 6), Interim report on radio tagging survey of Goodwood Barbastelle Colony , January 2023 (Appendix 7)  |
| Protected Species Records | SxBRC |
| Rare Species Records | SxBRC |
| Notable Bird Records | SxBRC, Sussex Ornithological Society records |
| Ancient Woodland | SxBRC |
| Chichester Coastal Plain Biodiversity Opportunity Areas | Sussex Biodiversity Partnership |
| Bat Network (including treelines, hedgerows and partials of woodland used by bats) | Forest Research UK report and data layers |
| Wetland/Water vole Network (watercourse, ditches and rifes) | Forest Research UK report and data layers |
| Barn Owl Habitat | Forest Research UK report and data layers |
| **Aldingbourne and Elbridge Rifes Strategic Wildlife Corridor** |
| **Component of Strategic Wildlife Corridor/GIS Layer** | **Source** |
| Ancient Woodland  | SxBRC |
| Bat Records | SxBRC, Appendix 1 |
| Protected Species Records | SxBRC |
| Water Vole records | CDC Survey (Appendix 5) |
| Rare Species Records | SxBRC |
| Notable Bird Records | SxBRC |
| Bat Network (including treelines, hedgerows and partials of woodland used by bats) | Forest Research UK report and data layers |
| Wetland/Water vole Network (watercourse, ditches and rifes) | Forest Research UK report and data layers |
| Barn Owl Habitat | Forest Research UK report and data layers |