**Standard/Typical Fields**

| **FieldName** | **FieldType** | **FieldLength** | **Description** | **Example** | **Comments** |
| --- | --- | --- | --- | --- | --- |
| **TaxonName** | Text | 100 | The actual name of the recommended taxon for the preferred taxon determination | Brown Long-eared Bat |  |
| **CommonName** | Text | 100 | The common name of the recommended taxon for the preferred taxon determination | Plecotus auritus |  |
| **TaxonClass** | Text | 20 | The taxon rank of the recommended taxon for the preferred taxon determination | Species |  |
| **TaxonGroup** | Text | 60 | The taxon group of the recommended taxon for the preferred taxon determination | Mammals - Terrestrial (bats) | Group names can be those used in Recorder6 or, more usually, a more user-friendly set of group names are used. In addition, the terrestrial mammals group is separated into bats and non-bats. |
| **TaxonOrder** | Text | 30 | The taxon sort order of the recommended taxon for the preferred taxon determination | 00010H140K0C030A01000000000000 |  |
| **SortOrder** | Integer |  | The sort order of the taxon group for the recommended taxon for the preferred taxon determination | 111 |  |
| **Abundance** | Text | 200 | A concatenated string of all the abundance data for the taxon occurrence | 1 Adult |  |
| **AbundanceCount** | Text | 10 | The sum of all numeric abundance data values for the taxon occurrence | 1 | Useful for performing numerical analysis on record abundances (with the proviso that non-numeric abundances are not included). |
| **RecDate** | Text | 40 | The date or date range of the sample for the record occurrence | 31/07/2007- 15/08/2007 |  |
| **RecYear** | Integer |  | The year (or last year for a date range) of the sample for the record occurrence | 2007 |  |
| **RecMonthStart** | Integer |  | The month (or first month for a date range) of the sample for the record occurrence | 7 | Can be useful for analysing records within/outside of breeding seasons. |
| **RecMonthEnd** | Integer |  | The month (or last month for a date range) of the sample for the record occurrence | 8 | Can be useful for analysing records within/outside of breeding seasons. |
| **VagueDateStart** | Integer |  | An integer representing the earliest possible date of the sample for the record occurrence | 39294 | This form of the date is not very user-friendly but is useful for sorting records in date order. |
| **VagueDateEnd** | Integer |  | An integer representing the latest possible date of the sample for the record occurrence | 39309 | This form of the date is not very user-friendly but is useful for sorting records in date order. |
| **VagueDateType** | Text | 2 | A string indicating the type of vague date of the sample for the record occurrence | DD |  |
| **Recorder** | Text | 150 | A concatenated string of the survey event recorder's names for the record occurrence | Emily Lloyd;Eric Smith;John Cleese;Robert Bray |  |
| **Determiner** | Text | 60 | A formatted string of the preferred taxon determiner's name for the record occurrence | Robert Bray |  |
| **GridRef** | Text | 12 | The spatial reference of the grid square recorded in the sample for the record occurrence | SP391326 |  |
| **RefSystem** | Text | 4 | The spatial reference system used to record the spatial reference of the sample | OSGB |  |
| **Grid10k** | Text | 4 | The spatial reference of the 10km grid square containing the spatial reference of the sample | SP33 | Very useful for quick analysis of species or record coverage or for performing a simple spatial selection for all records in one or more 10km squares. |
| **GRPrecision** | Integer |  | An integer representing the precision of the spatial reference of the sample in metres | 100 |  |
| **GRQualifier** | Text | 20 | The spatial reference qualifier of the sample grid reference | Site Centroid |  |
| **Easting** | Integer |  | The eastings value for the lower left (or mid-point) of the bounding box of the spatial reference of the sample | 439100 |  |
| **Northing** | Integer |  | The northings value for the lower left (or mid-point) of the bounding box of the spatial reference of the sample | 232600 |  |
| **Location** | Text | 100 | The location name, event location name or sample location name (whichever is first found) relating to the sample | Blenheim Park |  |
| **Location2** | Text | 100 | The event location name or sample location name (whichever is first found and not already used) relating to the sample | Recorded at northern end of Queen Pool | Most LERCs concatenate this with the Location field (typically separated by ' - '). |
| **SampleType** | Text | 20 | The type of sample containing the record occurrence | Field Observation |  |
| **RecType** | Text | 40 | The type of record occurrence | aural bat detector |  |
| **StatusEuro** | Text | 40 | A concatenated string of the abbreviations of any required European taxon designations relating to the preferred taxon | HabDir-A4 | Which fields, field names and designations/statuses to be included is LERC specific, as are the abbreviations used and the order the designations/statuses appear within each field. |
| **StatusUK** | Text | 200 | A concatenated string of the abbreviations of any required UK taxon designations relating to the preferred taxon | HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b | Which fields, field names and designations/statuses to be included is LERC specific, as are the abbreviations used and the order the designations/statuses appear within each field. |
| **StatusOther** | Text | 100 | A concatenated string of the abbreviations of any required other taxon statuses relating to the preferred taxon |  | Which fields, field names and designations/statuses to be included is LERC specific, as are the abbreviations used and the order the designations/statuses appear within each field. |
| **StatusINNS** | Text | 100 | A concatenated string of the abbreviations of any required invasive non-native taxon statuses relating to the preferred taxon |  | Which fields, field names and designations/statuses to be included is LERC specific, as are the abbreviations used and the order the designations/statuses appear within each field. |
| **SurveyName** | Text | 100 | The name of the survey containing the taxon occurrence | Incidental Records - Oxfordshire (from public) |  |
| **SurveyRunBy** | Text | 100 | The name of the organisation or individual that runs the survey containing the taxon occurrence | TVERC, Thames Valley Environmental Records Centre |  |
| **SurveyTags** | Text | 150 | A concatenated list of any tags associated with the survey containing the taxon occurrence | Oxfordshire; Oxon Recorder 6 | Useful for extracting or querying records within surveys tagged by one or more tags. |
| **Comments** | Text | 1000 | Any comments associated with the taxon occurrence | bats emerged during evening survey | If required, specific comment strings can be extracted for given taxon groups or species and output as new fields or used to help determine the value of other fields. The length is typically to the maximum required or a suitable limit (e.g. 254 to be visible in MapInfo or Excel) |
| **PrivateLocation** | Text | 100 | The private location of a sample (if set when importing into Recorder6) | 1 Park Close, Oxford OX12 3YZ |  |
| **PrivateCode** | Text | 20 | The private code of a sample (if set when importing into Recorder6) | OBG123 |  |
| **Confidential** | Text | 1 | Whether the taxon occurrence is flagged as confidential ('Y' or 'N') | N | Some LERCs use other mechanisms to flag confidential records instead of, or in addition to, the taxon occurrence flag. For example, some flag any records within a given list of surveys as confidential. |
| **Sensitive** | Text | 1 | Whether the record should be considered sensitive ('Y' or 'N') | N | Reasons and mechanisms for setting records as sensitive vary by LERC. For example, some flag records for specific bird species with their breeding season as sensitive whereas others may flag any records with a given list of surveys as sensitive. |
| **NegativeRec** | Text | 1 | Whether the taxon occurrence is flagged as zero abundance ('Y' or 'N') | N | This is a critical flag as zero abundance records are typically excluded from most extracts and queries. |
| **HistoricRec** | Text | 1 | Whether the taxon occurrence was recorded prior to a specific year and hence should be considered as historic ('Y' or 'N') | N | This is just a flag to simplify including/excluding historic data from extracts and queries. Records can be flagged as historic based on a year cut-off for a whole taxonomic group or for individual species. |
| **Verification** | Text | 21 | The current determination status of the record (i.e. is it awaiting verification or has been verified correct or incorrect) | Unconfirmed |  |
| **RecOccKey** | Text | 16 | The unique key of the record occurrence | LF00999000003SNQ |  |
| **RecSamKey** | Text | 16 | The unique key of the sample containing the record occurrence | LF00999000000LII |  |
| **RecSurKey** | Text | 16 | The unique key of the survey containing the record occurrence | LF0099900000003S |  |
| **RecTLIKey** | Text | 16 | The unique key of the taxon list item key referenced by the preferred taxon determination for the record occurrence | NHMSYS0000332505 |  |
| **RecTVKey** | Text | 16 | The unique key of the taxon version referenced by the preferred taxon determination for the record occurrence | NBNSYS0000002563 |  |
| **LastUpdated** | DateTime |  | The last date/time that any of the survey, survey event, sample, taxon occurrence or taxon determination for the record were updated | 11/01/2016 19:23:21 |  |
| **VersionDate** | DateTime |  | The date/time that the record was last updated in the SQL Server table | 29/06/2016 16:37:02 |  |

**Examples of additional / optional fields**

| **FieldName** | **FieldType** | **FieldLength** | **Description** | **Example** | **Comments** |
| --- | --- | --- | --- | --- | --- |
| **Grid1k** | Text | 6 | The spatial reference of the 1km grid square containing the spatial reference of the sample (or blank if grid ref is less precise) | SP3639 | Very useful for analysis of species or record coverage or for performing a simple spatial selection for all records in one or more 1km squares. |
| **SurveyOrigin** | Text | 20 | An abbreviation relating to the originating organisation or individual of the survey containing the record occurrence | MOP | MOP = Members of the Public. This is currently only used by one LERC and is determined from the status of the survey (specifically set by that LERC for this purpose). An alternative would be to determine it using a specific set of survey tags. |
| **SampleComments** | Text | 1000 | Any comments associated with the sample | bats emergence count | If required, specific comment strings can be extracted output as new fields or used to help determine the value of other fields. The length is typically to the maximum required or a suitable limit (e.g. 254 to be visible in MapInfo or Excel) |
| **ObsSource** | Text | 300 | The formatted reference of the taxon occurrence (observation) |  |  |
| **RoostType** | Text | 40 | A concatenated string of the types of bat roosts recorded against a bat record occurrence | Maternity Roost; Feeding Roost | This is currently only used by one LERC. There are 6 different roost types defined based on measurement qualifiers of any abundance data records. |
| **BasisOfSelection** | Text | 40 | A string representing the reason a bird record is considered notable | Positive Breeding | This is currently only used by one LERC. There are 3 different reasons ('Date', 'Positive Breeding', 'All Records') based on the recorded date, the measurement types of any abundance data records or the species of bird. |