

## Required data

### Location

Static detector location. Any spatial reference system can be used. If a file is uploaded with a mixture of spatial reference systems then a column is required in the datasheet which specifies which spatial reference system is used for each row. If only one spatial reference system is used throughout the datasheet then this can be defined during the upload process and does not need to be included in the spreadsheet.

Options: *Latitude and Longitude, British National Grid Easting/Northing, Gauss Luxembourg, NTF (Paris)/Lambert zone II, Belgian Lambert 72, British National Grid, Irish Grid (TM75), Guernsey Grid, UTM 30N*

### Sensitivity

Confidentiality of the dataset. If records are set as 'do not publish' then data will be securely stored and only used to improve Ecobat algorithms. Alternatively, data can be shared with NBN and local environmental record centres, these can either be displayed as the exact location or blurred to a 10km buffer. If a file is uploaded with a mixture of privacy settings then a column is required in the datasheet which specifies which privacy settings relate to each row. If only one privacy settings is used throughout the datasheet then this can be defined during the upload process and does not require an additional column

Options: *Public, Blur records to 10km grid square, Do not publish*

### Species

Where calls have been identified to species level than give its full name. Alternatively, use the genera if calls are only identified to this level. Where calls cannot be separated between acoustically similar groups (i.e. between *Nyctalus* and *Serotines*) then use 'Nyctaloid'

Options

Species	Genus	Acoustically similar group
<i>Barbastella barbastellus</i>	<i>Barbastella</i>	
<i>Eptesicus serotinus</i>	<i>Eptesicus</i>	Nyctaloid
<i>Nyctalus leisleri</i>	<i>Nyctalus</i>	Nyctaloid
<i>Nyctalus noctula</i>	<i>Nyctalus</i>	Nyctaloid
<i>Myotis alcathoe</i>	<i>Myotis</i>	
<i>Myotis bechsteinii</i>	<i>Myotis</i>	
<i>Myotis brandtii</i>	<i>Myotis</i>	
<i>Myotis daubentonii</i>	<i>Myotis</i>	
<i>Myotis mystacinus</i>	<i>Myotis</i>	
<i>Myotis nattereri</i>	<i>Myotis</i>	
<i>Pipistrellus nathusii</i>	<i>Pipistrellus</i>	
<i>Pipistrellus pipistrellus</i>	<i>Pipistrellus</i>	
<i>Pipistrellus pygmaeus</i>	<i>Pipistrellus</i>	
<i>Plecotus auritus</i>	<i>Plecotus</i>	
<i>Plecotus austriacus</i>	<i>Plecotus</i>	
<i>Rhinolophus ferrumequinum</i>	<i>Rhinolophus</i>	
<i>Rhinolophus hipposideros</i>	<i>Rhinolophus</i>	

## Pass definition

Method used to identify a pass.

Options:

<i>Pass 1s gap</i>	Sequence of echolocation calls separated from other calls by a minimum of 1 second
<i>Pass 2s gap</i>	Sequence of echolocation calls separated from other calls by a minimum of 2 seconds
<i>Pulses</i>	Individual calls or pulses
<i>Registration</i>	Species presence within a 15 second sound file
<i>Other</i>	Please inform us what definition you used

## Passes per night

The total number of passes recorded per night, per species

## Date

The date at the start of the nights surveying

Options: DD/MM/YYYY

## Bat detector make

The make of detector used in the survey

Options: *Batbox, Ciel, Courtpan, ecoObs GmbH, Elekon, Magenta, Peersonic, Peersonic, Titley Scientific, Wildlife Acoustics*

## Detector model

The model of the detector used in the survey

Options: *Please enter the detector model used*

## Supplementary data

### Detector height (m)

The height of the detector used in the survey

### Roost proximity: Within 25m of known roost

Detector placed in close proximity (<25m) of known roost. This should only be marked as 'Yes' for species known to use the roost. Leave the space blank if it is unknown if a roost is within 25m.

Options: *Yes, No, <Blank>*

### Roost proximity: Bat activity elevated because of known roost nearby

Bat activity known to be elevated because detector placed on flight line from/to known roost location.

Options: *Yes, No, <Blank>*

### Linear features: Detector placed next to linear feature

The presence of a bat detector alongside a linear feature

Options: *None, Ditch, Hedgerow, Running water, Standing water, Treeline, Woodland edge*

### Linear features: Detector placed <25m of linear feature

Any major linear features within 25m of the location of the bat detector

Options: *None, Ditch, Hedgerow, Running water, Standing water, Treeline, Woodland edge*

**Anthropogenic features: Detector placed next to anthropogenic feature**

The presence of a bat detector alongside an anthropogenic feature

*Options: None, Building, Fenceline, Major road, Minor road, Streetlight, Wind turbine*

**Anthropogenic features: Detector placed <25m of anthropogenic feature**

Any major anthropogenic features within 25m of the location of the bat detector

*Options: None, Building, Fenceline, Major road, Minor road, Streetlight, Wind turbine*

**Sunset weather conditions: Temperature (°C)****Sunset weather conditions: Rainfall**

*Options: Dry, Drizzle, Heavy*

**Sunset weather conditions: Wind speed (mph)****Notes**

Any additional information that you consider important, this could include:

- Additional details concerning static bat detectors including microphones used and date of last calibration.
- Linear or anthropogenic features which are not featured above.

Although any information in 'Notes' cannot be used in the construction of reference ranges in real time we will constantly monitor this column and if similar information is frequently entered (i.e. microphone make) then we will adapt the data entry section to incorporate this.