

# PRIORITY HABITATS

## FRESHWATER NATURALNESS

### UPLOADING RIVER/STREAM SURVEYS

A step-by-step guide of how to upload river/stream surveys to the cartographer mobile app.



Further guidance can be found online:  
[priorityhabitats.org](http://priorityhabitats.org)

## Accessing the Cartographer App

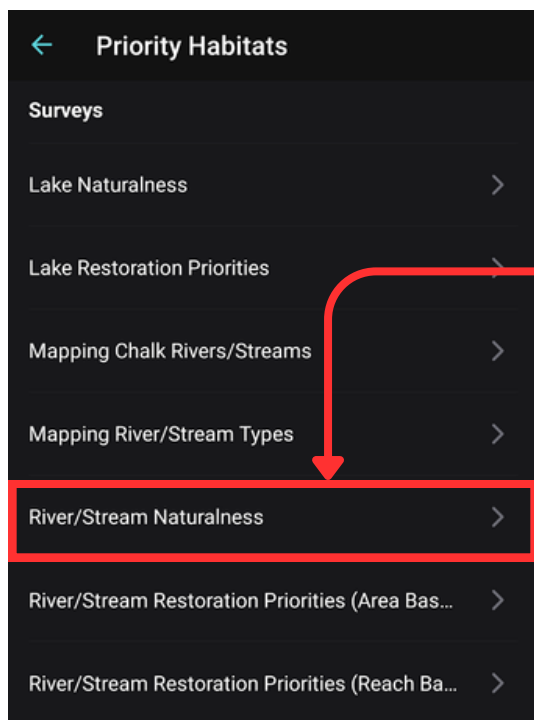
You can download the cartographer app onto any handheld device that supports the software e.g., android phone, iphone, tablets, etc. Surveys completed on the PC are identical in content.

You can then login with your cartographer account. If you do not have an account but have attended a training day, please contact [priorityhabitats@fba.org.uk](mailto:priorityhabitats@fba.org.uk) or fill out the form on our website.

You can save your survey in **draft** form and come back to it whenever you like. You can use both the PC and mobile applications to complete the same survey; they are saved to your account across devices. Please change the format to **complete** when you've finished surveying.

Surveys can be completed in offline mode in areas of low/no signal, but must be uploaded as 'complete' if you plan on logging out of the app (closing the app should not effect this).

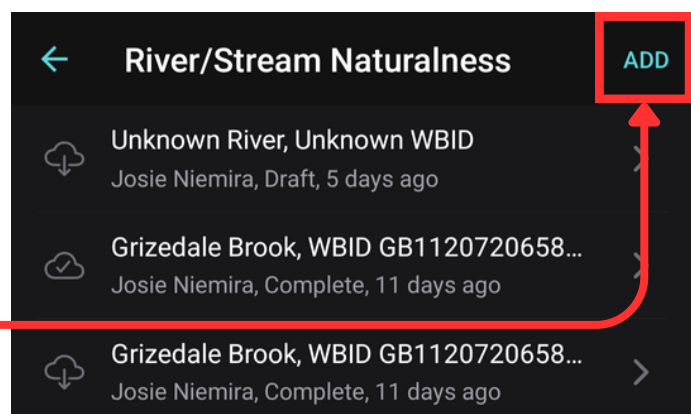
## Completing a river/stream survey



### Step 1:

Open your cartographer app and access the Priority Habitats workspace. You may have access to a number of projects depending on your organisation, but for now we are interested in opening 'River/Stream Naturalness'.

Click on the text/arrow to open up the surveys. You will see a list of previously completed surveys.



### Step 2:

To upload a new survey, click 'ADD' in the top right-hand corner.

## Uploading river/stream surveys

**CANCEL** New River/Strea... **DONE**

For further information on completing this assessment, please see the [guidance document](#)


**Date and Time of Survey**

Select a date Time Select

**Watercourse Location**

Click on the map or enter a 10-digit NGR or GPS coordinate. The nearest segment of river will be highlighted automatically.

No location set



Watercourse Name Digital Stretch ID

Settings icon

### Step 3:

To start your newly created survey, please enter the date and time that you are surveying as this is relevant to the types of naturalness features you may see.

Click on the map to open up the watercourse location selection tool.

**Cancel** Select a location **Done**

54.270200, -2.963548 X GPS NGR



Watercourse Name Digital Stretch ID  
**Windermere** eaew10010000126369  
9

WFD Catchment ID WFD Waterbody ID  
**12072** GB112073071420

### Step 4:

Select the specific river reach (section) that best represents your location by clicking on the map. The reach will become bold and your specific location represented by the blue dot.

You can use the location finder in the bottom left-hand corner or enter a GPS/NGR location to find where you are.

If your watercourse is named the data is filled in automatically. Otherwise, you can manually name your watercourse (e.g., FBA offices drainage ditch).

**Step 5:**

Completing the naturalness categories.

Enter your naturalness value of 1-5.

Enter your confidence class.

Repeat these steps for Hydrological, Chemical, and Biological categories.

Enter which methods you used to complete your survey. This will normally be a simple visual inspection unless your organisation conduct other monitoring methods.



### Notes

Provide a general description of the site in relation to each naturalness component, drawing attention to any particular features of interest or impacts of concern.

If you selected any *other* forms of assessment above, please record them here.

### Intermittent Flow

#### Intermittent Flow

Does the site have a section containing no water (i.e. a section with intermittent flow)?

#### Intermittent Flow Natural?

Select a value

Select

### Step 6:

Use the notes section to provide any extra information about the site.

This can be anything you spot on the day or any background knowledge you may have about the site e.g., land use, historical changes, etc.

### Step 7:

Assess whether there is intermittent flow at the site. This will have been part of your hydrological assessment, but this feature is important for identifying sites that dry up naturally (a rare and important habitat feature) or are being over-abstracted. Consequently, we include it as an independent section for data analysis.

### Step 8:

Upload photos of the site. Take as many as you can that cover the general features of the site, any information signs that tell you about the location, and any specific features that contribute to naturalness.

You can either upload a photo from your library or take a photo within the app after clicking 'Add a file',

### Photographs and Other Files

Take at least one photo of the general physical character of the channel and riparian zone. Other photos can focus on particular features of the watercourse. You may want to attach a file providing more detail about the site, such as a detailed site description or a species list.

### Step 9:

Record any specific habitat features that you can see along the section you are surveying.

You are able to select multiple features.

### Habitat Features

Record any notable habitat features at the site. There is a photographic library of features in the [guidance document](#) to help you.

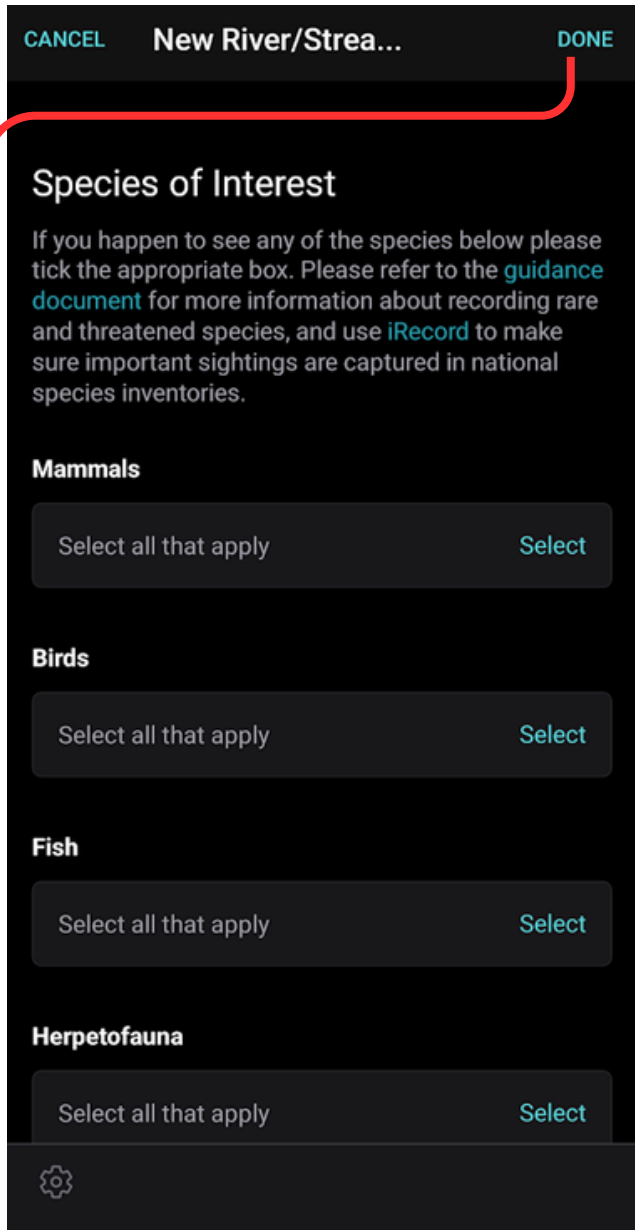
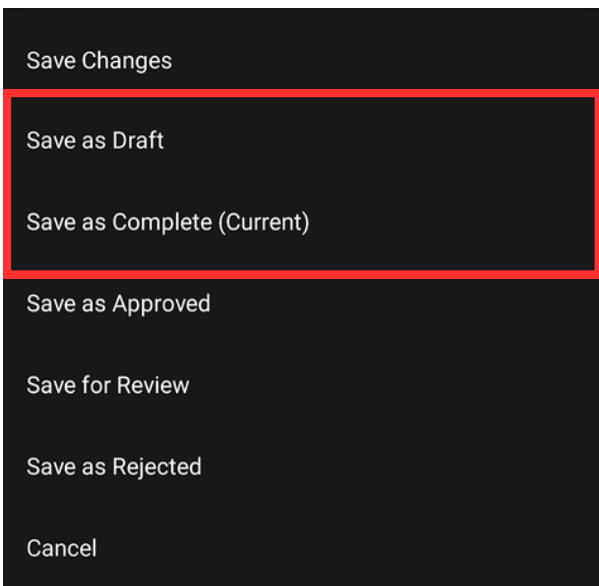
Select all that apply

Select

**Step 10:**

Record any species of interest that you see in the area. If you see a species that you think is important but isn't included in these lists, please include it in your notes section.

You can also include any species behaviours in the notes section.



**Step 11:**

Submit your survey by clicking 'DONE' in the top right-hand corner. This will bring up a new options menu.

Depending on your surveyor access level you may have one, two, or all of the above options available. For basic surveying, you should only consider the highlighted 'draft' and 'complete' options,

You can use this menu at any time to save an incomplete survey in 'draft' form. You can then come back and edit it from the app or on the PC. If you have completed your survey, please submit it as 'Complete'. This will display your survey on the priority habitat maps.

**Thank you for taking the time to read this guide. If you have any questions please contact your volunteer coordinator of the organisation you attended the training day for, or alternatively contact [priorityhabitats@fba.org.uk](mailto:priorityhabitats@fba.org.uk).**