

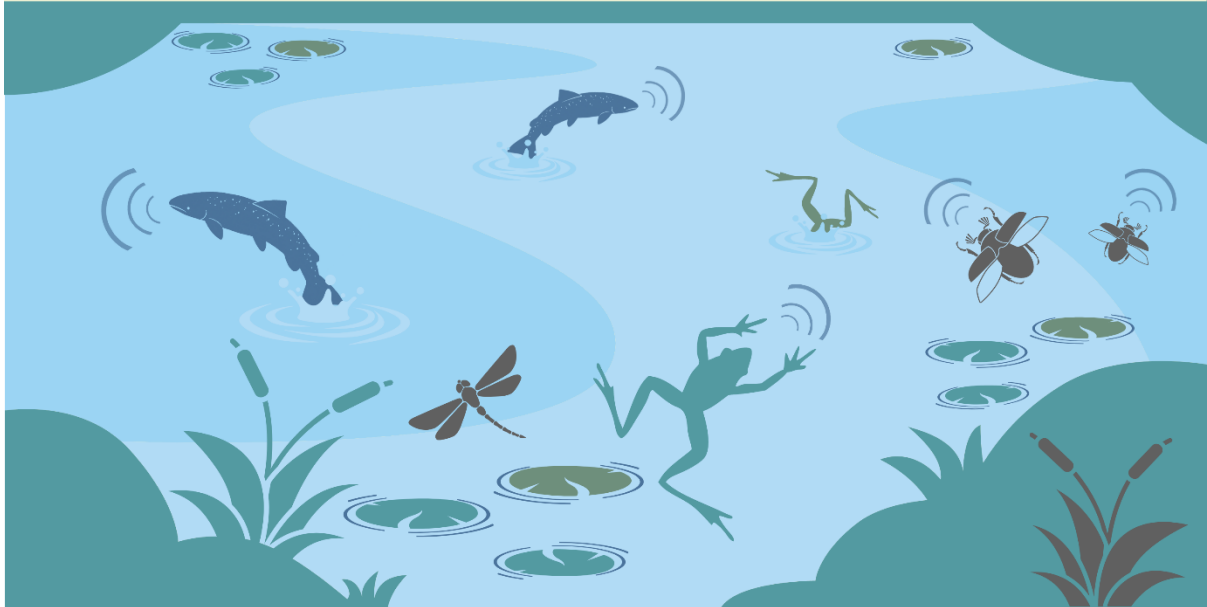
The Freshwater Sound Archive



CSIC
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS



FishSounds



An initiative by Dr. Jack Greenhalgh and FishSounds.

Audio file submission instructions

Step 1: Complete the submission form in the Excel spreadsheet by following the instructions.

	A	B	C	D	E	F	G	H	I	J	K	L	M
		Species 1	Species 2	Species 3	Species 4	Species 5	Species 6	Species 7	Species 8	Species 9	Species 10		
1	Contributor name* Please include title.	Dr. Jack Greenhalgh											
2	Affiliation* Please add name and full address.	Instituto Pirenaico de Ecología, Avenida Nuestra Señora de la Victoria, 22700, Jaca, Huesca, España.											Key
3	Email address*	jackhalgh95@gmail.com											Required*
4	ORCID ID	0000-0001-5792-6160											Optional
5	Associated publication? If yes then please provide the reference, if no then write N/A.	Greenhalgh, J. A., Stone, H. J., Fisher, T., & Sayer, C. D. (2021). Ecoacoustics as a novel tool for assessing pond restoration success: Results of a pilot study. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 31(8), 2017-2028. https://doi.org/10.1002/aqc.3605											
6	Location of recording (Lat & Long)* Please try to be as accurate as you can. If not known then write N/A.	52.919501, 1.152350											
7	Date of recording (dd/mm/yyyy)*	20/06/2017											

Example submission form

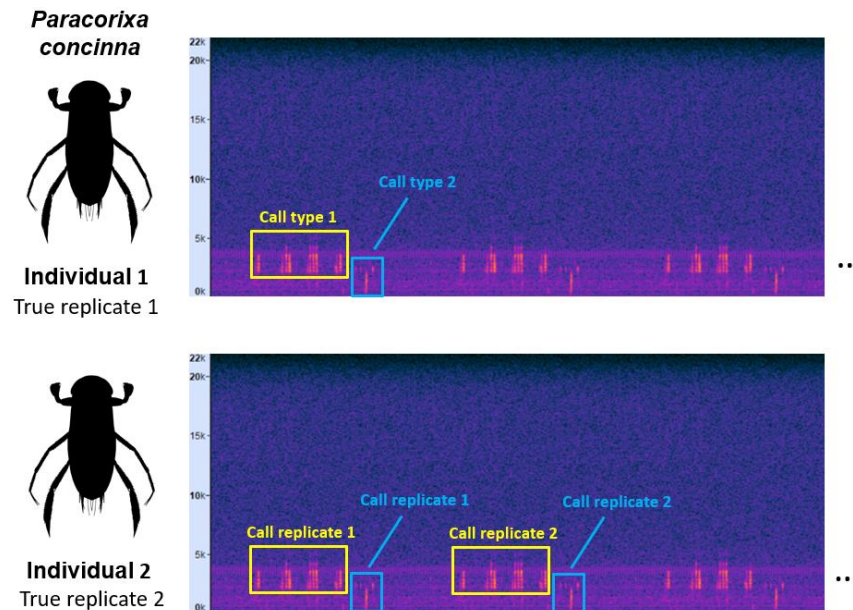
First, have a look at the example sheet to see the required format for the submission. Required fields are highlighted in **red** and optional fields are highlighted in **black**. Be sure to add all of your contact details to be included as a coauthor in the resulting data paper.

Submitting unidentified sounds

It is possible to submit unidentified sounds. If you are submitting an unidentified sound then please add the lowest taxonomic rank possible from family and below in row 17. Only submissions with a taxonomic rank of at least family or below will be considered.

Accurately reporting replication

It is important to distinguish between true replicates (the number of individuals recorded), call types, and call replicates (the number of calls from an individual) to avoid pseudoreplication (Table 1).

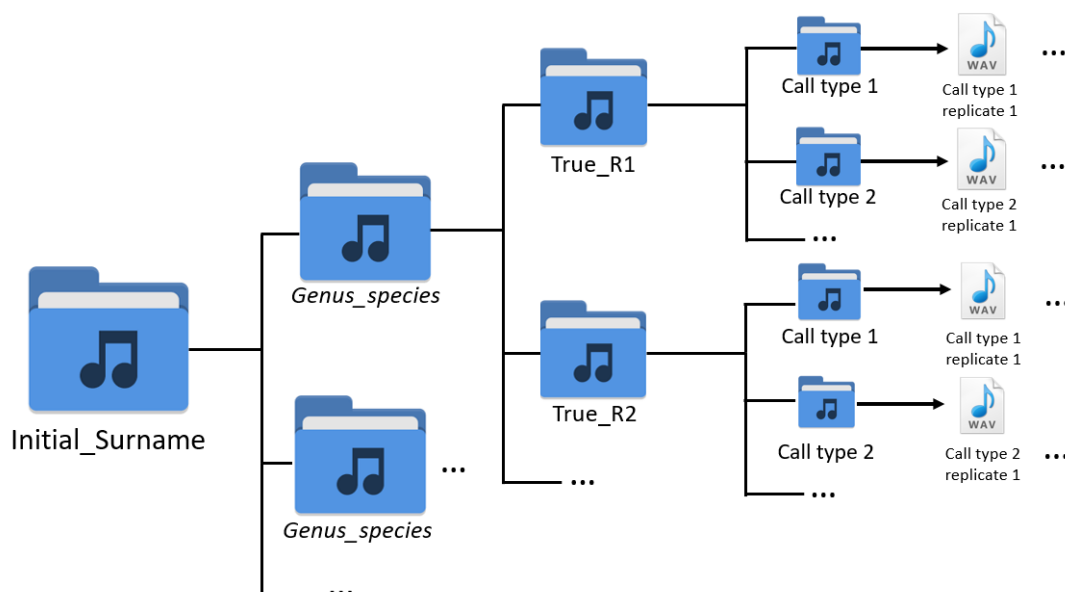


In this example, two water boatmen (*Paracorixa concinna*) individuals were recorded separately. Two call types were identified and six call replicates were measured for each. Therefore, the total number of **true replicates is 2**, the total number of **call types is 2**, and the total number of **call replicates is 12**.

Table 1. Classification of sounds and labelling format for file submission.

Classification	Definition	File label	Visual representation
True replicate	The number of individuals recorded (e.g., 2 <i>Paracorixa concinna</i>).	True_R1, True R2 etc... E.g.: True_R1	
Call type	The number of different call structures (e.g., 1 medium frequency call, 1 low frequency call).	Type1, Type2 etc... E.g.: True_R1_Type1	
Call replicate	The number of calls for each type measured.	Call_R1, Call_R2 etc... E.g.: True_R1_Type1_Call_R1	

Step 2: Submit the audio files via [this Google Drive](#) using the following file formatting:



Google Drive link: https://drive.google.com/drive/folders/1RGXAGaMmlG05vE31IOVW2eHetsfLxCmn?usp=drive_link

The **main folder** is labelled as your initial and surname - in my case that would be JGreenhalgh. Within the main folder there should be **a folder for each species** submitted, labelled as the full species name. Within each species folder there should be **a folder for each true replicate** (each individual recorded) labelled as True_R1, True_R2 etc... see, **Table 1**.

Within each true replicate folder should be **a folder for each call type**.

Labelling species-specific sounds

Within in each call type folder there should be **the .wav audio files for each call replicate** labelled as: full species name, true replicate number, call replicate number, your initial, your surname.

Example label: Paracorixa_concinna_True_R1_Type1_Call_R1_JGreenhalgh.wav

Labelling unidentified sounds

Replace 'Genus_species' with 'Unidentified_1', 'Unidentified_2' etc. if submitting an unidentified sound and ignore the true replicate classification.

Example label: Unidentified_1_Type1_Call_R1_JGreenhalgh.wav

Photos

If you have a photo of the animal/plant that was recorded, or can get one, then please also submit it along with your sounds.

Feel free to email me with any questions via jackhalgh95@gmail.com.

Many thanks for contributing,

Dr [Jack Greenhalgh](#), Postdoctoral Researcher at the Pyrenean Institute of Ecology