**Application for Audiomoth donation in exchange for sounds**

*February 2022*

## Context

The project Bat migration routes in Europe is by nature a collaborative project. It needs partners all around Europe to be a success. To support bat workers and researchers from underfunded countries, EUROBATS provided a grant to the French museum of natural history for this project. This grant allows us to buy recording material (AudioMoth v1.2.0, Open Acoustic Devices) that will be given to partners who wish to contribute to the study but are limited in terms of equipment. These Audiomoths will become the full property of the partners.

By donating these bat recorders, we expect to receive sounds in WAV format, that will contribute to the project Bat migration routes in Europe. We also wish to facilitate a possible long-term collaboration with the partners benefiting from this donation: the material will be provided along with good practice recommendations for bat acoustic recordings and analyses.

## Content of the donation

Selected applicants will receive at least one Audiomoth and a micro SD card of 32 Go. According to their needs, applicants might ask up to 10 Audiomoths (but micro SD cards are not guaranteed for supplementary Audiomoths). Applicants will have to buy three LR6 batteries.

## Rules

These are the conditions to apply:

* Applicants must be from one of the following countries: Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Greece, Hungary, Latvia, Lithuania, Malta, Poland, Portugal, Romania, Slovakia, Slovenia, Albania, Bosnia and Herzegovina, Moldova, Montenegro, North Macedonia, Serbia, Turkey, Belarus, Kosovo, Russia or Ukraine.
* Applicants must be from a non-profit affiliation (e.g. NGO, academic…). People without affiliation are encouraged to join an NGO if possible.
* Only one application by affiliation can be made. However, it is possible to state that your application groups several persons in your affiliation who would like to use the material, in order to ask for more Audiomoths.
* Only complete application forms will be accepted.

There is **no more** **deadline for application**. Please send it by email to Charlotte Roemer at [charlotte.roemer1@mnhn.fr](mailto:charlotte.roemer1@mnhn.fr)

The number of Audiomoths given per applicant will be adapted to the number of applications that we received in order to ensure an equal distribution of the material.

Sending an application forms does not guarantee to receive a donation.

## Application

Your personal information will only be collected for the purpose of the project Bat migration routes in Europe and will not be shared with another party with the exception of the EUROBATS secretariat. Indeed, for transparency reasons concerning the use of the EUROBATS grant, we will make the list of applicants and the list of the material distributed available on request to the EUROBATS secretariat. Your personal information will be stored for the duration of the project Bat migration routes in Europe and you are free to ask us to delete it at any time.

Name:

Surname:

Email address:

Country:

Affiliation name:

Affiliation address:

Type of affiliation (e.g. NGO, academic…):

How many Audiomoths (maximum 10) would you like to receive?

If you request more than one Audiomoth, please explain why (you can check several answers):

🞏 To study several study sites simultaneously

🞏 Several people of my affiliation will use them

🞏 Other:

Do you already have functional full-spectrum recorders in your possession that allow to make full-night recordings?

🞏 Yes 🞏 No

Do you already have micro SD cards of at least 32 Go that can be used for the Audiomoth(s)?

🞏 Yes 🞏 No

Do you conduct or do you plan to conduct specific acoustical surveys for which the Audiomoths will also be useful?

🞏 Yes 🞏 No

If yes, could you provide a very short description?

Do you have any comment that you would like to add?

## Recommendations to use the material

*How to protect the Audiomoth?*

Partners who will receive an Audiomoth are recommended to protect it using the method provided at the end of [this tutorial](https://github.com/Charlotte-Roemer/bat-migration-europe/raw/main/Website/static/docs/Tutorial_Audiomoth_settings.pdf).

*Which settings to use?*

Partners who will receive an Audiomoth are recommended to use the settings provided in [this tutorial](https://github.com/Charlotte-Roemer/bat-migration-europe/raw/main/Website/static/docs/Tutorial_Audiomoth_settings.pdf). We recommend to start recording 30 minutes before sunset and stop 30 minutes after sunrise.

*Where to record?*

There is no obligation. But we recommend to make a **representative sampling of the habitats** of your country or your study area. Indeed, the recordings will be used to train the prediction models for bat activity. If habitat sampling is biased, the model predictions will be biased.

Thus, it is important to have sampling in “good quality” habitats (e.g. wetlands, pristine forests) as well as in “bad quality” habitats (e.g. intensive agricultural land, urban areas).

If you have a method to select study sites randomly, this is a good method to make sure that your sampling will not be biased. We can also provide assistance to define the sampling design.

Please avoid recording at roost entrances because we will not use these recordings.

*When to record?*

For the same reason, to train the prediction models, sampling should be done in different seasons. If you record the same study site at different habitats, this is excellent. But you can also choose many different study sites, each one at a different time of the year.

*How many sites to record?*

The number of full-night recordings to send to the project Bat migration routes in Europe in exchange of an Audiomoth is undefined. We trust partners to make a good use of the Audiomoths and to send us their recordings.