THIRD YEAR

–

2018

Les herbonautes
L'herbier numérique collaboratif citoyen

Looking for biodiversity data? Here they are!

Call for research proposals for the french research infrastructure recolnat and his module Les Herbonautes

The French research infrastructure Recolnat (recolnat.org). has already digitalized more than 9 M of herbarium specimens from french Museums.
Totaling 450 years of collects, the specimens contain historical and modern biodiversity data.

Recolnat made these data available for research projects in different fields ranging from taxonomy to climate change studies.

We have a large image bank

However pictures without data are quite hard to use. Therefore, we developed a crowdsourcing program , named Les Herbonautes - (lesherbonautes.mnhn.fr) - allowing citizens to help with the transcription of informations.
For an image, participants can transcribe its locality, collector and other data. Each image is viewed several times by different participants in order to have reliable data.

For the third year, we are offering researchers to submit their projects on lesherbonautes.mnhn.fr giving them a way to acquire useful data.

Spécimen de l'herbier du Muséum national d'Histoire naturelle

HERB. MUS. PARIS.

RECOLNAT

Your project on Les Herbonautes

The specimen pictures open to transcription are gathered into a thematic mission involving 1 000 to 6 000 images.

 A mission needs:

- **a presentation page with popularized text explaining the project** ;
- **a batch of images:** To build this batch we have a search engine by taxonomy, by continent and possibly OCR ;
- **a template of questions for data acquisition:** The information on a herbarium label are diverse, on Les Herbonautes we have a default model that can include the fields country, province, collector, determiner, locality, geolocation, harvest number and herbarium owner names.

We can also **create custom questions based on your need.** If you are looking for very specific data we can create several successive missions to get them. A first mission will sort them and a second will allows the transcription of the information needed.

Conditions

The candidate whose project is selected agrees:
- to follow the progress of his mission on lesherbonautes.mnhn.fr platform;
- to prepare a mission report at the end of it ;
- to mention "N° E- RECOLNAT : ANR - 11 - INBS-0004" in publications produced with the support of the data collected via Les Herbonautes.

Les Herbonautes platform agrees:
- to assist the candidate to facilitate the takeover of the web platform ;
- to send the candidate an export file (csv format) of data provided by the participants.

Selection criteria

- Relevance of the project ;
- Feasibility.

More info

Find all you need on lesherbonautes.mnhn.fr/contents/appelaprojets

Terms of participation

Please send us a mail at **contact@recolnat.org** with the subject "LesHerbonautes2018 " before **December 31, 2018**.

The email must be filled with:
- a presentation of the project (PDF) describing its goals, deadlines, the type of data (taxonomy, continent etc. and field types - eg. locality, collector etc.) you are looking for and how the LesHerbonautes platform could be useful for your project ;
- a vulgarized presentation of the project (PDF).

The french research infrastructure Recolnat

The research infrastructure RECOLNAT was created in 2013 with an "investment for the futur program" (PIA).
The infrastructure reunite institutional and professional partners and aims to make natural history collections available online and thus building the web tools needed for gathering and using/exploiting the data.
Recolnat has several projects, one of them is focused on citizen science: the crowdsourcing of herbarium specimen labels named Les Herbonautes.

Les Herbonautes: crowdsourcing of herbarium specimen labels

lesherbonautes.mnhn.fr platform supports participants in the discovery and assimilation of specific concepts through progressive levels, quizzes and explanations.
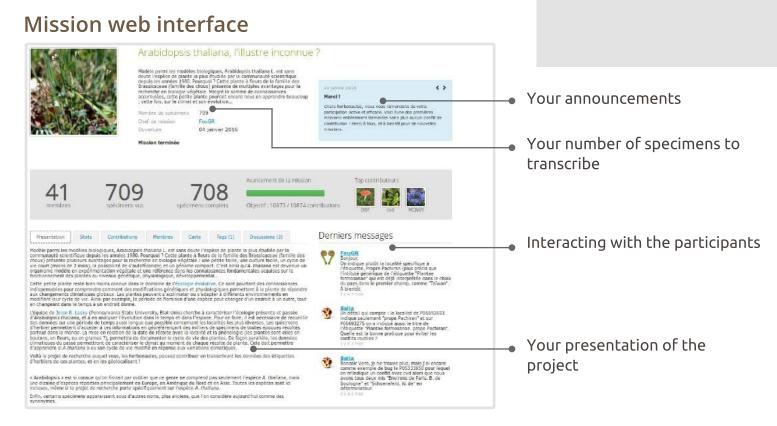To ensure the quality of data, images are viewed by several participants and the input is committed when they return the same information.
LesHerbonautes platform benefits from international collaborations with other crowdsourcing programs and world wild partners.

Mission web interface

Your announcements

Your number of specimens to transcribe

Interacting with the participants

Your presentation of the project

Transcribing interface

Your questions to answer (country, date etc.)

En savoir plus

Contacts

Marc Pignal - Directeur IR Recolnat - pignal@mnhn.fr

Véronique Schäfer - Animatrice LesHerbonautes veronique@tela-botanica.org

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