

FOURTH
YEAR

2019



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



Specimen of *Pulsatilla vernalis* from Conservatoire Botanique national Alpin herbarium



Selection criteria

- Relevance of the project ;
- Feasibility.



More info

Contacts

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Find all you need on
[lesherbonautes.mnhn.fr/
contents/appelprojets](http://lesherbonautes.mnhn.fr/contents/appelprojets)

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 allow 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 inform the Herbonautes team of the data use at the end of the year ;
- to mention "N° E- RECOLNAT : ANR - 11 - INBS-0004" in publications produced with the support of the data collected via Les Herbonautes.

Terms of participation

Please send us a mail at contact@recolnat.org with the subject "LesHerbonautes2019 " before **March 31, 2020**.

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) and photographs.