

BID Africa 2017 – National Grant Template

Early Progress narrative report

Instructions

- Fill the template below with relevant information. If no result has been achieved on a specific point, please indicate it as “no result achieved yet” and **indicate expected date of completion**
- Use the information included in your project Full proposal (reproduced in annex III of your BID contract) as a baseline from which to complete this template
- The information provided below must correspond to the financial information that appears in the financial report
- Sources of verification are for example direct links to relevant digital documents, news/newsletters, brochures, copies of agreements with data holding institutions, workshop related documents, pictures, etc. **Please provide access to all mentioned sources of verification** by either providing direct link or sending a copy of the documents.
- This report must first be sent as a **Word document** to [BID@GBIF.org](mailto: BID@GBIF.org) and be pre-approved by GBIFS
- Once this report is pre-approved in writing by GBIFS, it must be signed by the BID project coordinator and sent by post to:

The Global Biodiversity Information Facility Secretariat (GBIFS)
 Universitetsparken 15
 DK-2100 Copenhagen Ø
 Denmark

Template

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Project Information

Project Coordinator: Institution/network/agency name:

Parc Botanique et Zoologique de Tsimbazaza
Rue Fernand Kassanga, Tsimbazaza, Antananarivo, 101. Madagascar

Main contact person and role:

Rokiman Letsara, Project coordinator

BID proposal identifier:

BID-AF2017-0174-NAC

Project title:

BRYOTAN : Sharing data on a hidden diversity: the bryophytes of Madagascar

Start date and end date of the reporting period:

September 2017-January 2018

Country in which the activities take place:

Madagascar

Overview of results

Executive summary

Give a short summary of the activities implemented and the outcomes of the project for the reporting period (500 words maximum)

Following the chronological program, we are on the stage of managing and sharing tasks and responsibilities for starting the activities. An workshop has been organised by Catherine Reeb, Project coordinator in Paris and two persons invited, Letsara Rokiman herbarium manager at PBZT, Roger Andriamiraisoa technical manager on Bryophytes from MBG), both Malagasy local co-coordinators.

As a results, we have decided: (1) Catherine Reeb (MNHN) and Roger Andriamiraisoa (MBG Madagascar) with a local assistant are going to take in charge of technical activities, arrangement and curation of specimen, collects data information from labels and repertory all data available. Catherine, her venue to Mada in May 2018, will be necessary and very helpful to enforce Roger's task on curation of specimen (apply technical acquisition on bryophyte organ dissection, cross section etc.) for each group. (2) These data will be given to Rokiman Letsara (PBZT) who is going to take in charge of publishing data on GBIF portal with a technical help as planned in the program.

For the specimen identification, next September 2018, a workshop meeting will be organized in Antananarivo in order to invite five or six researcher experts in bryophytes for helping us to identify our specimen. A budget is in order to participate to the travel and accommodation, in order to motivate researchers. A small trip will be organized and proposed to researchers after the Workshop, with accommodation taken in charge by the researchers. We already got the acceptation of four researchers, in order to come and identify TAN herbarium Bryophytes, the others answers are on-going.

During the trip in Paris, we was able to buy a microscope with camera, a necessary materiel for the digitalization activity in Madagascar, which is a major asset and an innovation of this project.



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We were also invited to resented, Roger lala Andiramiarisoa and Rokiman Letsara the BRYOTAN project to the first steering committee of the general MADBRYO project initiated by the french MNHN and Missouri Botanical Garden. We exposed to ten people of the committee.

The project activity was delayed due to the plague invasion in Madagascar by the end of last year 2017. It postponed the trip in Paris, initially planned in november, to beginning of January.



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Progress against expected milestones:

Expected milestones/activities	Completed? Yes/No	Explanatory notes	Sources of verification
Completed capacity self-assessment questionnaire for national biodiversity information facilities https://www.gbif.org/document/82277/capacity-self-assessment-guidelines-for-national-biodiversity-information-facilities (EN) https://www.gbif.org/document/82782/evaluation-des-capacites-pour-les-systemes-nationaux-dinformation-sur-la-biodiversite (FR)	yes		
At least one national data publishing institutions are registered with GBIF.org Guidelines to become a publisher: https://www.gbif.org/become-a-publisher	yes		
At least one person from the project team has completed the certification process following the BID Capacity Enhancement workshop on Data Mobilization organized as a part of the BID programme Africa 2015 or the BID programme Africa 2017	yes	Rokiman Letsara attempt to the BID Capacity enhancement program.	
Knowledge dissemination activities have been scheduled following the first BID Capacity Enhancement workshop	yes	A meeting in Antananarivo on december 14 th with Catherine Reeb (came from France within a personal mission), Roger Lala and Rokiman Letsara. Rokiman Letsara explained and reported all the activities done during the BID program to which he attempt	Images and report of the meeting

Project deliverables and activities

Refer to the table in section 2.2 "Deliverables, activities and reporting criteria" of your BID full proposal. Provide updates on the status of each of planned deliverables. In the event of unexpected delay, please provide detailed explanatory notes and indicate planned completion date. Add as many rows as needed.

Deliverable	Related activity	Completed ? Yes/No	Explanatory notes	Sources of verification
Database of National herbarium specimens for bryophytes (mosses)	Workshop to analyze and decide in which way the data will	yes/No	The employment of the senior technician and the technician helper are validated by the	Employment contract and salary



	be provided		BRYOTAN team. The candidate for senior technician (Roger Lala) have already been retained, as he is the best who knows bryophytes in Madagascar. It appeared more efficient for the project to engage him than to search for a biologist that did not already know bryophytes. A call is prepared for technical help	
Constitution of a committee for Malagasy Bryophytes		No	Within the workshop organized in September in Antananarivo, a committee of experts, interested in Malagasy bryophytes will be constituted. Contacts and positive answers have already been received.	
Publication of National guide for bryophytes treatment and data mobilization techniques		Yes/No	Data mobilization techniques were discussed in Paris workshop. Training was done for technical acquisition: bryophyte organ dissection, cross section etc. First use of the camera, received before the end of the workshop. Too early to publish a guide, it will be engaged after the workshop meeting in September.	Images of the Paris workshop in the training room https://www.bryotan.com/workshop-in-paris
Collection of computerized images implemented in database and Website		No	Choice of images were discussed, and a list of views depending on families/genus were discussed. technical points were discussed and established. A list of chosen images	Images of the Workshop in Paris. https://www.bryotan.com/workshop-in-paris



			<p>by taxa is going to be constituted,</p> <p>Catherine Reeb (bryologist from MNHN) is coming to Antananarivo in May in order to participate to technical data acquisition</p>	
<p>Training and identification workshop in Antananarivo</p>		<p>Yes/No</p>	<p>Organization of the workshop was precisely discussed, including the small field trip following the workshop.</p> <p>We chose to organize it in September, because of the high prices of plane tickets during July-August, as they are proposed at this time (January) on internet. Plane tickets falls to half price in September, and allow to invite more experts. As beginning of September is the beginning of scholar year in Europe, we chose end of September in order that most of experts, often institutional researches, could be free.</p> <p>Choice of experts and invitations were sent. Answer are on-going (6 firm interest).</p> <p>Accommodation and practical organization were discussed and fixed.</p>	
<p>Web site on Malagasy bryophytes</p>	<p>Web site</p>	<p>yes/no</p>	<p>a web site is on-going, and a non-institutional serve was chosen in order to give a real international presentation of the data.</p> <p>the domain name madbryo.org is chosen.</p>	
<p>Publication on GBIF Portal of Malagasy</p>		<p>No</p>	<p>Too soon</p>	



Bryophytes database with specimens, images and taxonomy				
Exchanges with other herbarium for non treated families during the workshop		No	Too soon	
Xper databases	Elaborate Xper data bases	No	Too soon	
Report for a National plan for exploration of bryodiversity	Elaboration of a National Program for future bryophytes exploration and conservation	No	Too soon	
Bryophytes presentation leaflet to be distributed in public, institutions schools etc.	Leaflet Elaboration and distribution	No	Too soon	



Datasets published on GBIF.org

Refer to the table in section 2.4 “Biodiversity data mobilization plan” of your BID full proposal. If the dataset is not yet published, please indicate the name of the institution that is expected to host the data when published in the column “DOI or URL/Planned hosting institution”. Add as many rows as needed.

Dataset title	Publishing institution	DOI or URL/Planned hosting institution	Date/expected date of publication	Explanatory notes
Malagasy bryophytes	PBZT	http://ipt.madbif.org/	FROM June 2018 to the end of the project, with a evry active period after the workshop in September.	We expected to store raw data in an Excel sheet. Data must be verified and validated before publishing. So we are beginning these data acquisition; including images acquisition, and we reasonably expect to send the first-one to GBIF server in June, after C. Reeb visit in Antananarivo. We planed to work with Mr Andry who already worked with GBIF for other animals and plants purposes using the Malagasy focal point. He accepted to take in charge with Rokimanour bryophytes data including geolocalisation, verification, validation and publication via MadBIF IPT.



Examples of use of biodiversity data available through GBIF

Use the table to document use or planned use of data available through GBIF as part of your project. You may want to refer to the section 2.5 "Plan to support the integration of biodiversity information into policy and decision-making processes" of your BID full proposal. Please provide the DOI for datasets published on GBIF or data downloaded from GBIF in the "Dataset" column. Briefly describe how the data have been used or are planned to be used in the "Data use" column (ca. 50 words). Provide the date or approximate time frame in months for the use or planned use in the "Date/time frame" column. Please provide links to any documents or webpages documenting the use in the "Sources of verification" column. Add as many rows as needed.

Dataset	Data user	Data use	Date/time frame	Sources of verification	Notes
Atlas of the mosses of Madagascar	Bryologist expert	Allows to assess the less explored sites and taxa in Madagascar	Early 2019	Final report of the project	
Phylogenetic diversity analysis, Species delimitation	Researchers	Confirm species using both morphology and molecaulr, in an integraitve taxonomic framework. Establish relationships between taxa and work on Malagasy bryophuyes biogeography.	Early 2019	Final report of the project, questions developped in the larger MADBRYO project (e.g) a Pelekium project is going to be proposed managed par a Belgium. researcher	
New collection plan	TAN Herbarium curator	Identification and new arrangement of the Bryophytes collection	End of 2018	Images https://www.bryotan.com	
Redlisting of Bryophytes	Bryologist	A list of proposed candidate for red listing to be submitted to the national committee of red listing lead by GSPM.	End of 2018	https://www.bryotan.com	



Events organized as part of the project

List all the events that have been organized as part of your project. Please provide links to any documents or webpages documenting the use in the “Sources of verification” column. Add as many rows as needed.

Full title	Organizing institution	Dates	Number of participants	Sources of verification
Workshop in Paris	MNHN	10-20 january 2018	3	https://www.bryotan.com/worshop-in-paris
Presentation of BRYOTAN to the steering committee of the general MADBRYO project	MNHN	19 January 2018	8	images, visio conference in Sorbone-Université, Paris. https://www.bryotan.com/worshop-in-paris



Updated cale Parc Botanique et Zoologique de Tsimbazaza
 Rue Fernand Kassanga, Tsimbazaza, Antananarivo, 101. Madagascar

Calendatndar for the BID project implementation and evaluation period

The calendar should be completed in the same way as in the Full Project Proposal, but should include any expected changes. Provide reasons for any expected changes in section 4.1 'Explanatory Notes'.

Implementation period start date and end date (01/12/17 to 31/12/2018)								8	9	10	11	12	13	14	15	Notes
Activity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Notes 1 = Oct. 2017 and 15 = Decembre 2018
Herbarium data mobilization	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Includes all activities, from envelopes to geolocalization
Committee for Malagasy Bryophytes meeting in Paris		X														Towards a National Plan for Bryophytes
Technician training		X	X	X	X											After Meeting in Paris; training with bryologues of MNHN and MBG
Image acquisition				X	X	X	X	X	X	X	X	X	X	X		a continuous work along teh project
Workshop										X	X					~ 10 days with training sessions, but work up and down the workshop
Website				X	X	X	X	X	X	X	X	X	X			Could be less; a management of the web site with updating is easy after beginning. If Tropicos is used, the soft is already available.
Sharing Data, Publication on GBIF Portal								X	X	X	X	X	X	X	X	
Exchanges and database completion											X	X	X	X	X	
Elaborate Xper databases			X	X	X	X	X	X	X	X	X	X	X	X	X	A parallel activity that will enhance taxonomical data.
Elaboration of a National Program for future bryophytes exploration	X											X	X	X	X	A synthesis and report after this project from which a Plan for a few years will be elaborated (future data to treat such as liverworts, exploration, phylogenetic diversity analysis – PHD subject ? etc.)
Leaflet on bryophytes										X	X	X	X	X	X	Technical treatment on taxonomic information
Early Progress evaluation & Reporting					X											
Mid-term evaluation & reporting									X							



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Evaluation phase																																
Activity				Notes																												
Final financial and narrative reporting		16	17	18	=	J	a	n	u	a	r	y	2	0	1	9																
		X	X																													



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valuation period start date and end date (dd/mm/yy)				
Activity	1	2	3	Notes
<Activity name>				
<Activity name>				

Explanatory notes:



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Beneficiaries/affiliated entities and other cooperation

Relationship with project partners

Please describe the relationship between your project coordinating team/institution and your project partners, and with any other organisations involved in implementing your BID project.

The result of the BRYOTAN project will be linked to Tropicos database, and to the larger Madbryo project (<http://www.madbryo.org>).

Links to other projects and actions

Where applicable, outline any links and synergies you have developed with other actions, e.g. GBIF nodes, other BID funded projects, etc. If your organization has received previous grants in view of strengthening the same target group, to what extent has your BID project been able to build upon/complement the previous project(s) ?

The larger project Madbryo, which aims to enhance knowledge on Malagasy bryophytes. In other herbarium (MO, PC), Malagasy bryophytes are also being curated, sorted and data-based. The data from Tan herbarium, as the National Malagasy herbarium are fundamental for the whole project. BryoTan will be the central point for numeric images on Malagasy taxa, through GBIF databases.

Visibility

Please refer to the [BID guidelines](#).

Visibility of the BID project

How is the visibility of your BID project being ensured?

The visibility of the BID project can be ensured by the use of the BID logo at each event. It can be displayed on the BRYOTAN website.

It is also announced on the website <https://www.madbryo.org/collections> as the first and major project contributing to the improvement of knowledge on Malagasy bryophytes

Short summary

Use of the logo of the BID

Sources of verification

Each organized event linked to the BRYOTAN project will be posted on the BRYOTAN website, as a newsletter

<https://www.bryotan.com/>

Visibility of the EU contribution

How is the visibility of the EU contribution being ensured within your project implementation?

Short summary

Use of the logo of the European Union

Sources of verification

<https://www.bryotan.com/>



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Signature _____

Name of the contact person for the BID Project: __Rokiman Letsara_____

Date report sent by email in Word format to bid@gbif.org for pre-approval: _March 16th 2018

Date report sent by post to GBIF Secretariat: _ March 16th 2018 _____



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