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BID Africa 1 – Small Grant Template
Mid-term 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"
- Use the information included in your project Full proposal (reproduced in annex III.a. 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 links to relevant digital documents, news/newsletters, brochures, copies of agreements with data holding institutions, workshop related documents, pictures, etc.
- This report must <u>first</u> be sent as a Word document to 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

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Template

1. Table of Contents

2. Project Description

2.1. Principal investigator and grant coordinator: Institution/network/agency name:

Royal Botanic Gardens Kew Madagascar

2.2. Principal investigator name and role:

Dr. Hélène Ralimanana, grant coordinator and project leader

2.3. BID proposal identifier:

BID-AF2017-0103-SMA

2.4. Project title:

 Alien, native, and endemic grasses of Madagascar

2.5. Start date and end date of the reporting period:

Start date: 01/10/2017, end date: 31/12/2018

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2.6. Country(ies) in which the activities take place:

Madagascar

3. Overview of results

3.1. Executive summary

Give a short summary of the activities implemented and the outcomes of the project for the reporting period (no more than ½ page).

The project started on October 2017. We have done the following activities during the four months:

- Two database officers have been recruited for doing data transcription from herbarium sheets images and compiling data in Brahms. Interviews were done in Madagascar on October in presence of Dr Maria Vorontsova. Ms Razafiniary Velosoa and Ms Razanajatovo had been appointed for the job. They have started working on the project since October 23rd, 2017.

- Ms. Linah Rabarivola (KMCC database manager) has trained Velosoa and Henitsoa in Brahms manipulation, data recording and georeferencing. Practical exercises were done during their first week. A first batch of 2918 specimens photos brought by Dr Vorontsova has directly recorded by Velosoa and Henintsoa in Brahms after the training. Linah has done verification of data quality in the database from Velosoa and Henitsoa every couple of weeks. Regular meeting with the project leader is done at least every couple of weeks for monitoring progress or solving problem encountered.

- On 3rd to 8th of December 2017, Linah attended the training on capacity enhancement workshop organized by BID at Kirstenbosch National Botanical Garden, Cape Town South Africa. During this workshop she developed her skills and capacity on data digitization, georeferencing, data quality control and data publishing (by using the GBIF IPT) which are very useful to improve the methods that we used before.

- All Madagascar Poaceae specimen images from the Museum National d'Histoire Naturelle (P) Herbarium were extracted and compiled by Marc Pignal. These specimen images were sent to Dr Maria Vorontsova and will be brought to Madagascar on external hard drives as soon as possible (initial image batches have already been transferred).

- The existing records from TAN Herbarium (Madagascar) have been extracted by TAN herbarium curator and sent to Dr Maria Vorontsova.

- All specimen data from Paris and Maria's research database have now been cleaned and combined in the main BRAHMS project database by Denis Filer. This is now in use by the KMCC team.

- We have produced 3853 completed collection records in the cleaned project data base.

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3.2. Progress against expected milestones:

Expected milestones/activities	Completed? Yes/No	Explanatory notes	Sources of verification
Completed capacity self-assessment questionnaire for data holding institutions (http://www.gbif.org/resource/82785)	yes	Completed self-assessment showing the progress of the activities: some activities are already done or in progress and others are needed to start	Capacity self assessment report sent to GBIF
The instituton that will publish your data is registered with GBIF.org For registered data publishers see: http://www.gbif.org/publisher/search	yes	Paris herbarium (MNHN) is resgistered to GBIF.They carry out automatic upload from RECOLNAT to GBIF	GBIF data base
The data users identified in the full proposal have documented their intended use of the mobilized data and provided early feedback	No	The protocol to transfer data between the French RECOLNAT system and BRAHMS is not developed and we have not done data transfer yet.	

3.3. Datasets published on GBIF.org

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
No transfer done yet	KMCC	MNHN	Mid-project and end of project	

3.4. 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. 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

Madagascar Poaceae	University of Antananarivo Malagasy governmental bodies and NGOs Centre for Invasion Biology http://academic.sun.ac.za/cib/ South African National Biodiversity Institute - Invasive Species Programme IUCN Invasive Species Specialist Group	Create Madagascar grass Atlas	End of project	Atlas published	As in original application
Madagascar Poaceae	University of Antananarivo Madagascar Plant Specialist Group (in charge of reviewing all IUCN conservation status assessments for Madgascar plants) Kew Madagascar Conservation Centre Missouri Botanical Garden in Madagascar (MBG)	Alien grass strategy for Madagascar	End of project	Strategy published	As in original application

3.5. 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
No event done yet				

4. Implementation of BID project activities

Refer to section 2.2 "Deliverables, activities and reporting criteria" in your BID full proposal. Provide updates on each of the activities using the reporting criteria and other sources of verification as appropriate.

Sources of verification are for example links to relevant digital document, news, newsletter, brochures, copies of agreements with data holding institutions, workshop related documents, pictures, etc.

4.1. Goal 1: Increase available biodiversity data, within and beyond the grant period

Activity 1 name: **Extract from RECOLNAT**

Please use same activity name as the one given in section 2.2 "Deliverables, activities and reporting criteria" in your BID full proposal.

Description of any implementation during the reporting period

Paris specimen images: Paris project partners (Marc Pignal) discovered that they are not currently able to extract full resolution TIFF images from the ReColNat data system as IT staff recruitment would be necessary. Instead, ca 12,000 low resolution JPG images available on the P website were extracted. Marc has committed to making the high resolution TIFF images available before the end of the project.

Marc Pignal transferred all the JPG images to Maria Vorontsova at RBG Kew via WeTransfer, in 8 batches. Two of these are already in Madagascar (personal delivery in October by Maria followed by numerous small web transfers by Maria). All images were saved onto two identical hard drives by Maria. Unfortunately these went missing at RBG Kew (suspected theft); Maria and Marc are currently planning to repeat the data transfer from Paris to Kew before sending the hard drives to Madagascar.

Paris specimen data: extracts from ReColNat were carried out by Marc Pignal and colleagues, and transferred to Maria at Kew and Denis Filer at Oxford. Maria and Denis examined the extracts and identified missing data fields and numerous technical issues (e.g. whether every determination record appeared as a new line of data). ReColNat extraction procedure was repeated; French data fields were translated by Maria; various data cleaning and reformatting for BRAHMS was carried out by Denis and Maria, e.g. commas and semicolons were manually changed in all the additional collector initials. This procedure has not yet been written up or published.

Sources of verification

Monthly signed project reports uploaded to **http://teamkmcc.org**.

Activity 2 name: BRAHMS reconciliation

Description of any implementation during the reporting period

All initial data was supplied as arranged. Paris data was extracted and cleaned as described above; Maria Vorontsova's BRAHMS research database was supplied by Maria; all TAN herbarium records were supplied by Solo Rapanarivo. The clean Paris data was imported into Maria's BRAHMS database by Denis; duplicate records for which Maria has already carried out the data transcription were not imported; matching on unique Paris herbarium barcodes was used to identify the duplicates. We did not import the TAN data to the database as originally planned because the data quality was judged to be too poor, with numerous errors especially incollector names (this RDE file has now been cleaned by Linah and will be imported). The resulting project BRAHMS database was sent to the team in Madagascar via WeTransfer in January 2018, including the separate TAN RDE file.

Sources of verification

Monthly signed project reports uploaded to http://teamkmcc.org.

[Add as many activities as given in your full proposal under "Deliverables, activities and reporting criteria" for goal 1]

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Activity 3 name: Data transcription and georeferencing

Description of any implementation during the reporting period

Two database officers Ms Razafiniary Velosoa and Ms Razanajatovo had been appointed and started work transcribing specimen images at the Kew Madagascar Conservation Centre on October 23rd, 2017. They have received training from the KMCC database manager Linah Rabarivola. In the period between 23 October 2017 – 20 January 2018 they have completed data transcription and georeferencing for 3853 images.

Sources of verification

Pay sheets of the database officers, Brahms database at KMCC

Activity 4 name: Data quality control

Data transfer from Paris for BRAHMS: data was repeatedly visually inspected by Maria Vorontsova, Denis Filer, and Marc Pignal. Numerous data cleaning steps carried out are described as part of Activity 1 above (for clarity of narrative).

Transcription of images at KMCC: The KMCC database manager Linah carried out training on Brhams manipulation, data entry and georeferencing. She has checked all data recorded in Brahms, and carried out problem solving during the data entry and georeferencing process.

Activity 5 and 6: Upload to RECOLNAT and to GBIF

Activity not yet carried out

Goal 2: Apply biodiversity data in response to conservation priorities

(No activities carried out for goal 2)

Activity 1 name:

Description of any implementation during the reporting period

Sources of verification

Activity 2 name:

Description of any implementation during the reporting period

Sources of verification

[Add as many activities as given in your full proposal under "Deliverables, activities and reporting criteria" for goal 2]

5. Updated calendar 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 5.1 'Explanatory Notes'.

Implementation period (maximum 14 months, starting 1 October 2017 at the earliest)																									
Implementation period start date and end date (dd/mm/yy)																									
Activity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	**Notes**
GOAL 1 - Increase available biodiversity data, within and beyond the grant period																									
Extract from RECOLNAT	x	x	x	x																					
BRAHMS reconciliation	x	x	x	x																					
Data transcription and georeferencing	x	x	x	x	x	x	x	x	x	x	x	x													
Data quality control	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x										
Upload to RECOLNAT													x												
Upload to GBIF							x						x												
GOAL 2 - Apply biodiversity data in response to conservation priorities																									
Grass Atlas of Madagascar																									
Alien Grass National Strategy Workshop												x	x	x	x										
Alien Grass National Strategy Workshop															x										

Evaluation period (maximum 6 months, ending 31 December 2017 at the latest)							
Evaluation period start date and end date (dd/mm/yy)							
Activity	1	2	3	4	5	6	**Notes**
<Activity name>							
<Activity name>							

5.1. Explanatory notes:

Timetabe not altered; project more or less on track so far

6. Beneficiaries/affiliated entities and other cooperation

6.1. 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.

We are grateful to all our partners for working towards fulfilling their obligations on this project, and problem solving on the way. Everyone has so far been in continuous contact and contributed work. Tsimbazaza supplied data; Paris made two extracts from ReColNat and supplied the image data which was available (not yet the full resolution TIFF images); Oxford (Denis) created the combined BRAHMS database. Maria has organised the Paris and Oxford contributions, arranged the data transfer, and liaised with Madagascar colleagues. The process has been slower than we hoped mainly due to staff absence, and due to the suspected hard drive theft at RBG Kew. We are happy that everyone is contributing to the best of their ability.

6.2. 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, how far has your BID project been able to build upon/complement the previous project(s) ?

Experience was shared with the Guinea BID project also supported by RBG Kew (Charlotte Couch) and making use of Paris specimen images.

7. Visibility

Please refer to the BID guidelines

7.1. Visibility of the BID project

How is the visibility of your BID project being ensured?

Short summary

No activity carried out so far.

Sources of verification

N/A

7.2. Visibility of the EU contribution

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

Short summary

No activity carried out so far.

Sources of verification

N/A

Signature   _____

Name of the contact person for the BID Project: _____

Date report sent by email in Word format to bid@gbif.org for pre-approval: _____

Date report sent by post to GBIF Secretariat: _____