



BID Africa 2017 – Small 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 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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2. Project Information

2.1. Principal investigator and grant coordinator: Institution/network/agency name: Natural History Museum of Zimbabwe

2.2. Principal investigator name and role: Tsitsi S. Maponga (Assistant Curator of Mammalogy)

2.3. BID proposal identifier: BID-AF2017-0052-SMA

2.4. Project title: Making the mammalogy wet collection (particularly bat collection) at the Natural History Museum of Zimbabwe accessible through GBIF by end of 2018

2.5. Start date and end date of the reporting period: 01/10/2017 - 31/12/2018

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

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 (500 words maximum).

24 species (16 genus' and 5 families) from over 2000 specimens in the wet collection have been digitized and published as a checklist on the 13th January 2018. The data was digitized according to the Darwin Core standards and cleaned on excel and further cleaned on open refine. The specimen records were also Geo-referenced and checked for taxonomic errors. Data has been uploaded into our database system on SPECIFY 6 was installed.

On the aspect of capacity building, a biodiversity digitization workshop was hosted at the museum and was facilitated by Miss T.S. Maponga and Miss K. Mafuwe. The workshop focused on identifying stakeholders, data quality and standards and softwares. Data users and other GBIF beneficiaries from Bindura also attended the workshop. Miss T.S. Maponga will be attending an ecological niche modelling workshop in Madagascar.

Then the second one was a workshop for the Natural History Museum staff and ecologists from Matopos attended the introduction to biodiversity informatics workshop in October 2016. This was coordinated by the project leader and the project leader for the entomology project. Moreover, the assistants, for the mammalogy project also did a presentation on the overcoming barriers in documentation using their experiences. This workshop covered the reasons as to why we need to document digitally and why we need to share our data. It also covered the different types of softwares that can be used to document data.

3.2. progress against expected milestones:



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Expected milestones/activities	Completed? Yes/No	Explanatory notes	Sources of verification
Completed capacity self-assessment questionnaire for data holding institutions https://www.gbif.org/document/82785/self-assessment-guidelines-for-data-holding-institutions (EN) https://www.gbif.org/document/82813/modele-dauto-evaluation-pour-les-institutions-detentrices-de-donnees (FR)	Yes		
At least one data publishing institution is registered with GBIF.org Guidelines to become a publisher: https://www.gbif.org/become-a-publisher	Yes		http://www.gbif.org/publisher/5f2df235-914f-4cc9-b247-08fb981e8b8a
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	The project leader was certified in 2015 during the BID Capacity Enhancement workshop.	
Knowledge dissemination activities have been scheduled following the BID Capacity Enhancement workshop on Data Mobilization	Yes	A biodiversity digitization workshop was hosted from 16-19 January 2018 at the Natural History Museum. B= Bindura University also attended this workshop.	https://www.facebook.com/pg/NHMZimbabwe/photos/?tab=album&album_id=1595574997223440





3.3. 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
6000 mammalogy specimens records digitized and Geo-referenced into a functional database system in SPECIFY 6 and uploaded to GBIF	Data digitization and mobilization	Yes and No	Part of the data has been published on the GBIF website.	http://www.nhmbyo.co.zw/ipt/resource?r=checklist_of_bats_housed_at_the_natural_history_museum_of_zimbabwe
25 Museum staff and 2 staff from the National Parks and Wildlife Authority and 20 undergraduate students from the National University of Science and Technology will be trained on digitization (refresher course) GIS tools, and Ecological modelling techniques and how to access biodiversity data from GBIF	Training and capacity building.	Yes and No	The biodiversity digitization (refresher course) workshop was conducted on the 16-19 th of January 2018. This was facilitated by the principal investigator for mammalogy and for the fresh water project. Bindura University also attended this workshop.	https://www.facebook.com/pg/NHMZimbabwe/photos/?tab=album&album_id=1595574997223440
Historical species metadata and checklists for at-least 20 mammalian families of rodents and bats that are housed in the natural History Museum of Zimbabwe.	Applying biodiversity data in decision-making processes	Yes and No	5 families of bats have been published on the GBIF website.	http://www.nhmbyo.co.zw/ipt/resource?r=checklist_of_bats_housed_at_the_natural_history_museum_of_zimbabwe



3.4. 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" and expected date of publication (month and year). Add as many rows as needed.

Dataset title	Publishing institution	DOI or URL/Planned hosting institution	Date/expected date of publication	Explanatory notes
Checklist of bats housed at the Natural History Museum of Zimbabwe	Natural History Museum	http://www.nhmbyo.co.zw/ipt/resource?r=checklist_of_bats_housed_at_the_natural_history_museum_of_zimbabwe	13 January 2018	Work is in progress to publish more families.

3.5. 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
Checklist of bats housed at the Natural History Museum of Zimbabwe	NUST	Baseline data for registered undergraduate and Masters students.	Available from the 13 th of January 2018.		With existing agreements, NUST has access to our data for its students as they do their final year dissertations.
	The Department of Forestry and Wildlife Management	Baseline data for comparing with current trends	Available from the 13 th of January 2018.		National Parks has access to our database and can use the data to compare with the current trends.





	Mammalogy department		Available from the 13 th of January 2018.		The department can use the data to map species according to where they were collected and to verify current trends.
	Local and International researchers		Available from the 13 th of January 2018.		Researchers have easy access to what is actually available in the museum without waiting long periods for responses. They also do not need to come down to the museum for basic inquiries about which species are found in the museum.



3.6. 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
Biodiversity digitization (refresh course) workshop.	Natural History Museum	16-19 th of January 2018.	35	https://www.facebook.com/pg/NHMZimbabwe/photos/?tab=album&album_id=1595574997223440
Niche modelling workshop.	African Insect Atlas Madagascar division	31 January - 5 February 2018		





4. 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 4.1 'Explanatory Notes'.

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	Notes
Early Progress evaluation & reporting			x	x												
Refresher course on digitisation (including lessons learnt)				x												
Mid-term evaluation &reporting							X	X								
BID Capacity Enhancement workshop – Data mobilization and publication (Online training - Participation is mandatory)				x												
BID Capacity Enhancement workshop – Data use (Online training - Participation is mandatory)																
GIS and Ecological Niche modelling workshop					X											
Analogue to digital documentation	x	x	x	x	x	x	x	x	x	x	x	X				
Clean data, refine data, Georeference localities and confirm taxonomy with experts		x	x	x	x	x	x	x		x	x	X				
Report compilation and checklists				x								x	x	x	x	
Upload data to GBIF					x		x					x			x	





Evaluation period start date and end date (dd/mm/yy)				
Activity	1	2	3	Notes
Final financial and narrative reporting		x	x	
<Activity name>				

4.1. Explanatory notes:



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5. Beneficiaries/affiliated entities and other cooperation

5.1. 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.

The NUST department of Forestry and Wildlife Management has a memorandum of understanding with museum in terms of research. We also conduct lectures on Mammalogy to their second year students. PhD, Masters and undergraduate students come and make use of our collection particularly the specimens. Now that we have a substantial amount of baseline data that is digital format they can utilise this resource. The data can also be used in setting up sustainable conservation and monitoring strategies of biodiversity in Zimbabwe.

We also work with the ecologists from Matopos and Hwange National Park on their projects particularly in identifying specimens from scats from different species including birds. National Parks also has current trends of distribution which we also request, and our aim is that we provide a valuable database that they can also use to look at species trends.

5.2. 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) ?

The mammalogy project collaborated with entomology project (under project coordinator Kudzai Mafuwe) in conducting a workshop on bioinformatics which was held on the 16th to 19th of January 2018, at the Natural History Museum. Present was the team from Bindura. The project leader is also attending a workshop organised by the Entomology Regional project (African Insect Atlas) on ecological niche modelling and conservation outcomes, in Antananarivo, Madagascar.

6. Visibility

Please refer to the [BID guidelines](#)

6.1. Visibility of the BID project

How is the visibility of your BID project being ensured?

Before all the workshops started the BID was acknowledged alongside the Natural History Museum. Project leaders also explained to all participants how they got their funding and the nature of their projects. The materials used such as writing sheets also had the GBIF, EU, BID logo on them and the Biodiversity informatics workshop will be made public on the Natural History Museum facebook page and website. Promotional materials such as t-shirts pens, and folders were also made and given to the workshop participants. Similarly in all the papers that will be published these organisations will be acknowledged. Our findings and link to the IPT where our data is published will be shared on the museum website.

Short summary

Sources of verification

6.2. Visibility of the EU contribution

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



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**Short summary**

Simialrly to BID, before all the workshops started the EU, was acknowledged. Materials used such as writing sheets also had the GBIF, EU, BID logo on them and the Biodiversity informatics workshop will be made public on the Natural History Museum facebook page and website. Promotional materials with BID, EU,, GBIF and NHM such as t-shirts pens, and folders were also made and given to the workshop participants. Similarly in all the papers that will be published these organisations will be acknowledged. Our findings and link to the IPT where our data is published will be shared on the museum website.

Sources of verification

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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: _____



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