



GBIF

Global Biodiversity
Information Facility



Biodiversity information professionals examining a herbarium sheet

Introduction to the BID programme

Tim Hirsch, Deputy Director, GBIF

BID PHASE 1 END EVENT, BRUSSELS, 13-14 NOVEMBER 2019

BIODIVERSITY DATA MOBILIZATION AND THE SDGS

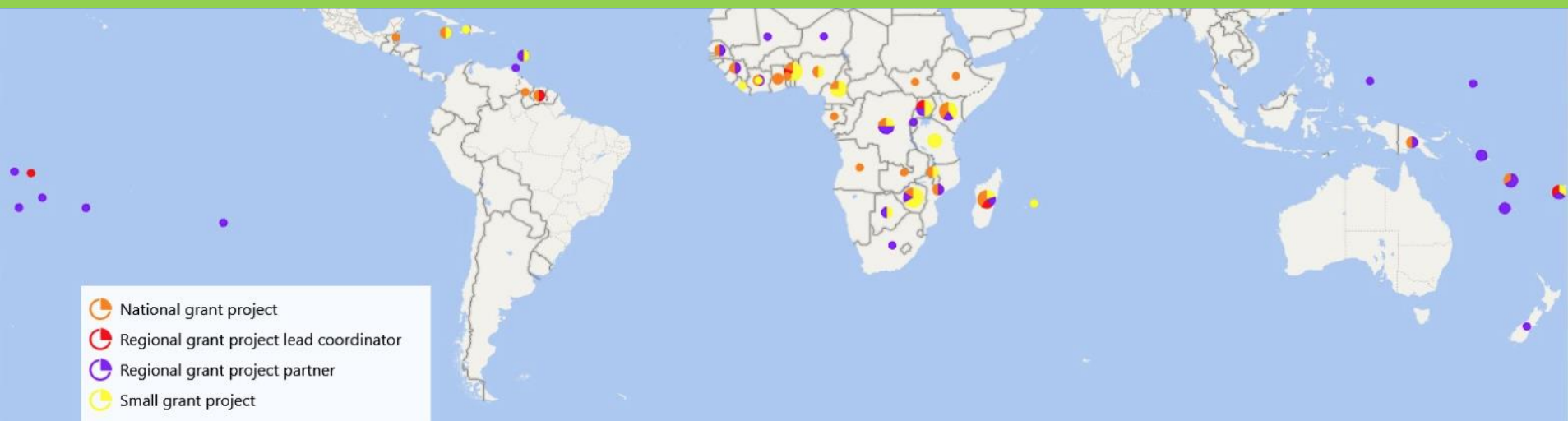


Informing policies on conservation and sustainable use in terrestrial and marine ecosystems (Goals 15, 14) – also contributes to:

- Livelihood support (Goal 1)
- Agriculture and food security (Goal 2)
- Combatting disease, conserving medicinal plants (Goal 3)
- Freshwater resources (goal 6)
- Climate change adaptation (Goal 13)
- And more...!

BIODIVERSITY INFORMATION FOR DEVELOPMENT (BID)

Overall objective: Improved management of natural capital for human well-being; through increased application of biodiversity information as evidence for decision making



- €3,9 million grant under the EuropeAid Biodiversity for Life (B4Life) flagship umbrella programme.
- Further €1m in-kind contribution from GBIF
- 5-year programme 2015-2019 focussed on sub-Saharan Africa, Caribbean, Pacific (ACP) regions

PREPARATORY PHASE

‘Africa rising’ meeting, surveys of governments and data holders in Africa, Caribbean, Pacific

NEWS | 22 MAY 2015

Africa Rising celebrates International Day for Biological Diversity with programme launch, joint declaration

Release of ‘Declaration on biodiversity information for sustainable development in Africa’ closes international conference and first regional meeting for new BID programme

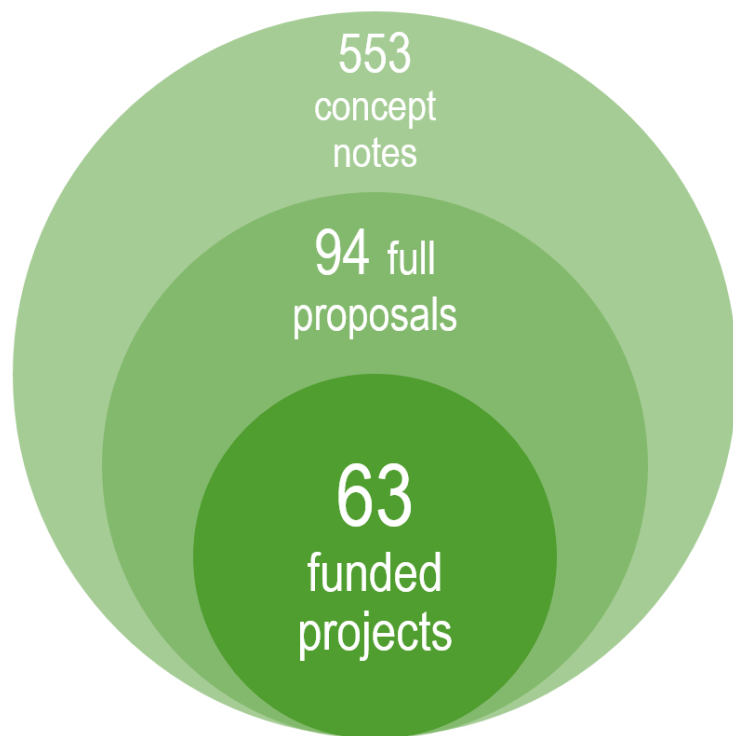


Declaration on biodiversity information for sustainable development in Africa

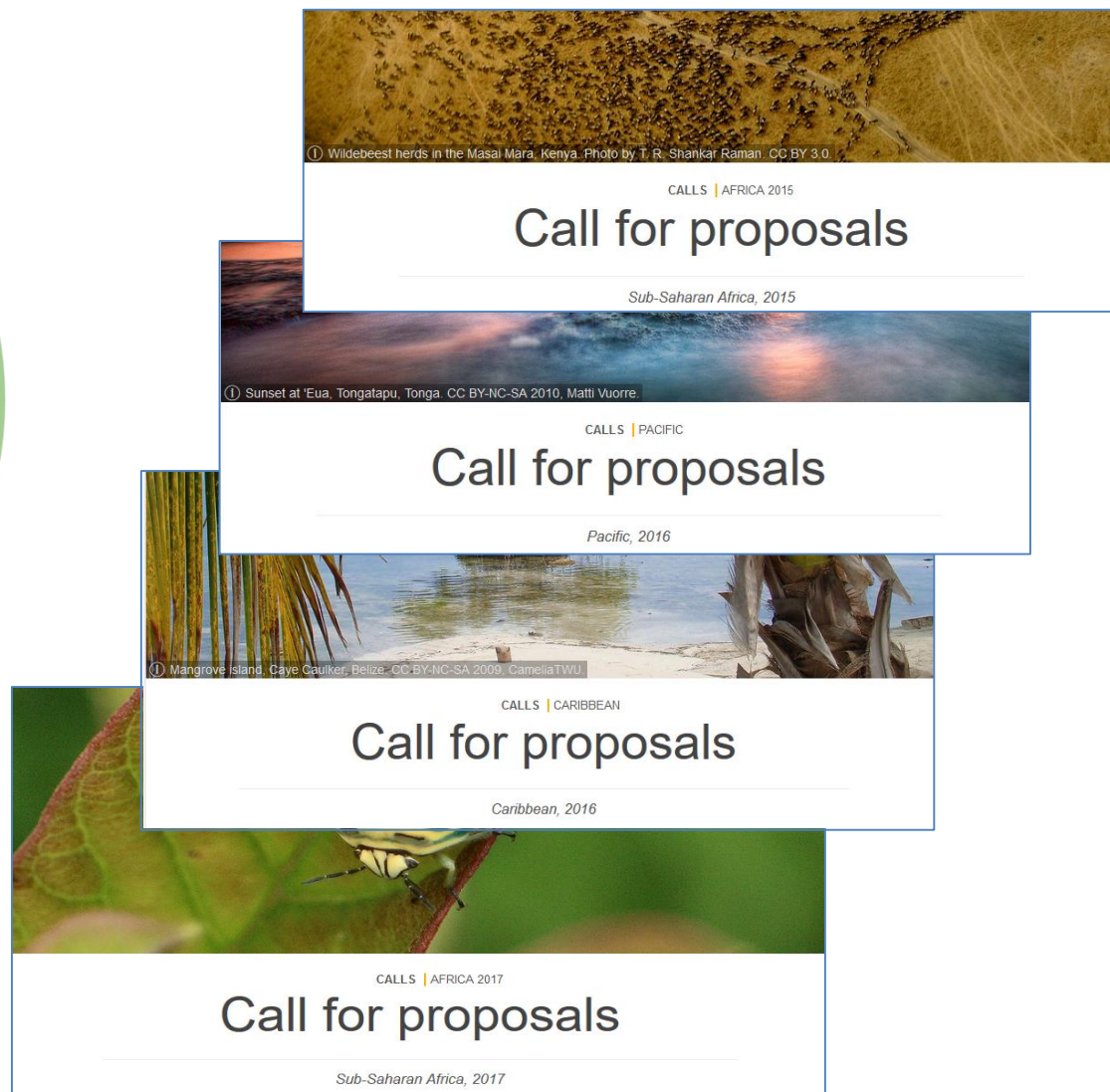
On this International Day for Biological Diversity in 2015, we the participants of the conference, *Africa Rising: Mobilising Biodiversity Data for Sustainable Development*, held in Cape Town, South Africa, from 19 to 22 May 2015, agree that the quality of decision-making relies on the quality of information considered and hereby declare our vision for 2030 as a world in which biodiversity information contributes fully to sustainable development in Africa. Specifically, we desire that:

- Governments subscribe to the principle of free and open access to biodiversity information;
- Policymakers are adequately informed to respond effectively to global environmental change;
- Countries are sufficiently capacitated to measure and track the status and trends of biodiversity and ecosystem services;
- Biodiversity considerations are mainstreamed into all planning decisions; and
- All sectors of society can contribute towards and benefit from a global pool of biodiversity knowledge derived from Earth observations.

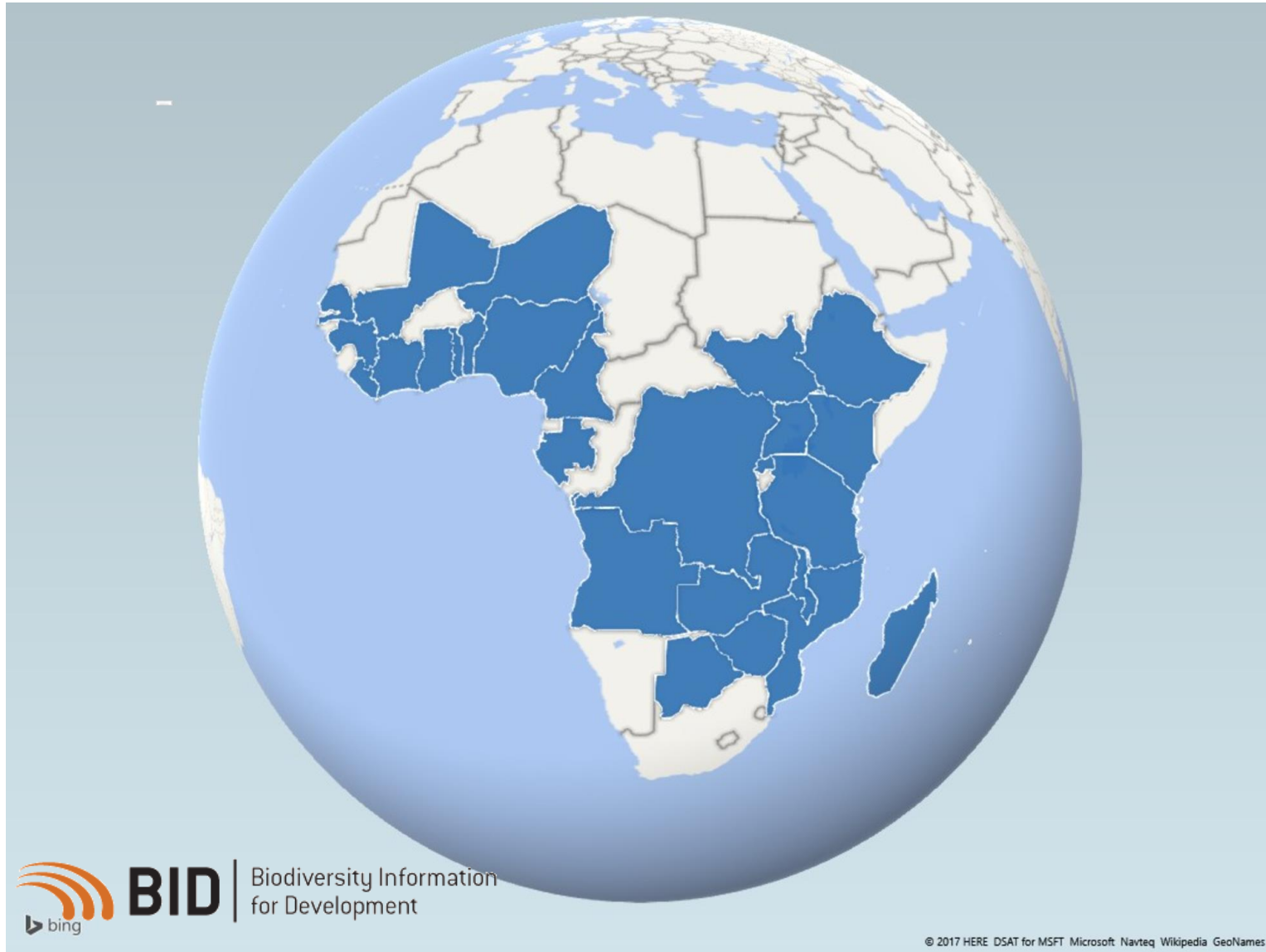
FOUR CALLS FOR PROPOSALS 2015 - 2017



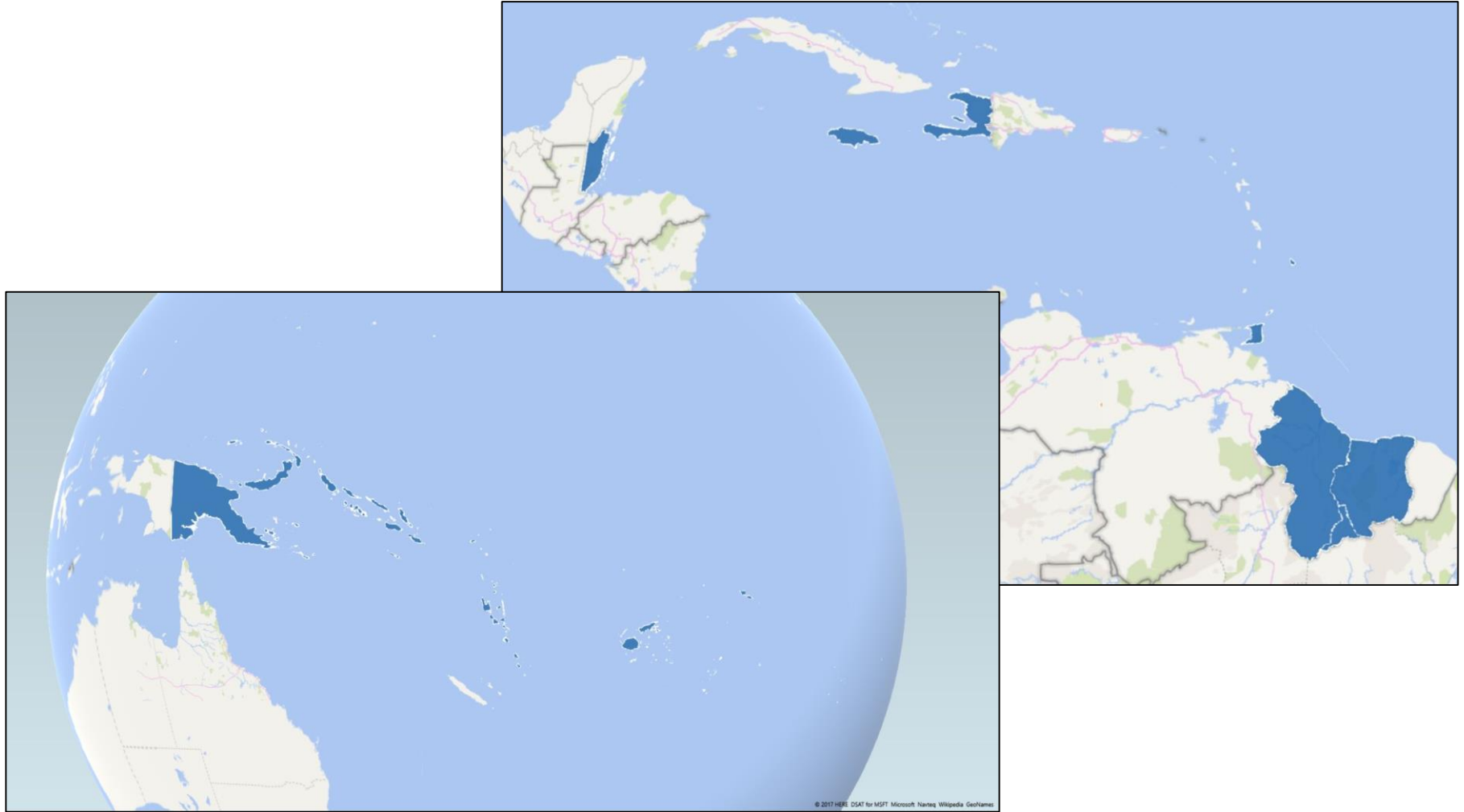
- 2 calls for Africa
- 1 call each in Caribbean, Pacific
- 50 projects in Africa, 8 in Caribbean, 5 in Pacific



BID PROGRAMME – PROJECT LOCATIONS












BID PROGRAMME – PROJECT LOCATIONS



BID PROJECTS

Scales: Institutional, national, regional

- Mobilize data from collections, surveys, research etc
- Build biodiversity information networks
- Identify applications of data in research and policy

	Advancing Jamaican biodiversity data products and information services
	African Insect Atlas
	Alien, native, and endemic grasses of Madagascar
	Amphibian conservation in DR Congo through biodiversity capacity building and data mobilization
	Biodiversity data mobilization in the Albertine Rift region
	Biodiversity Information for Development and Environmental Resilience in Southwestern Ethiopia (BIDERSE)
	BRYOTAN
	Building Capacity for Biodiversity Data Mobilization and Conservation in Liberia
	Capacity advancement for the Nigeria node of GBIF

BUILDING A COMMUNITY OF PRACTICE



- Capacity enhancement workshops for all funded projects
- Volunteer mentors from global community assist in face to face training, continue one-on-one remote support
- Today's trainees are tomorrow's mentors!
- Already re-used in Asia, Balkans, Russia/C Asia

Curricula developed in:

- Biodiversity data mobilization (plan digitization, understand standards, tools for sharing)
- Data use for decision making (data cleaning, modelling, mapping, Redlisting, mainstreaming to priority policy needs)
- Establishing and managing a GBIF node



LESSONS AND BENEFITS FOR GBIF

- Need to develop standardized calls, templates, project evaluation and selection
- Need to develop re-usable curricula, workshop models, e-Learning, mentoring
- Need to develop project pages, project IDs to link grantees with outputs and data (and back!)

PROJECT PAGES AND IDS

PROJECT | IN PROGRESS

Capacity advancement for the Nigeria node of GBIF

📅 15 Oct 2017 - 31 Mar 2019 💶 39,972

[ABOUT](#)

[DATASETS](#)



Eidolon helvum (Kerr, 1792), Nigeria. Photos by [Daniel Thorpe](#) licensed under [CC BY-NC 4.0](#)

The objective of this project is to initiate mobilization of biodiversity data from Nigerian data holders, custodians, and institutions, estimated to hold more than 700,000 data records related to plants and animals within protected areas and likewise invasive, threatened and endemic species.

While educating biodiversity data stakeholders across Nigeria on the benefits of biodiversity data mobilization and sharing, the project will also disseminate and demonstrate best practices for digitizing natural history collections through training workshops and thereby mobilize biodiversity data from Nigeria.

Project activities will be coordinated by [Forestry Research Institute of Nigeria \(FRIN\)](#) and executed in collaboration with project partners at [Nigeria National Park Service](#), [Nigerian Conservation Foundation \(NCF\)](#), [Nnadi Azikiwe University, Awka](#), [Nasarawa State University](#), and [University of Kansas](#).

PROJECT PAGES AND IDS

PROJECT | IN PROGRESS

Capacity advancement for the Nigeria node of GBIF

📅 15 Oct 2017 - 31 Mar 2019 € 39,972

[ABOUT](#) [DATASETS](#)



Eidolon helvum (Kerr, 1792), Nigeria. Photo by [unintelligible]

The objective of this project is to support local custodians, and institutions, especially in the management of animals within protected areas.

While educating biodiversity data mobilization and sharing, the project will focus on natural history collections through Nigeria.

Project activities will be coordinated in close collaboration with project partners (NCF), Nnamdi Azikiwe University

Funding: € 39,972

Co funding: € 15,597

Type of grant: National grant

Duration: 15 Oct 2017 - 31 Mar 2019

Programme: [BID: Biodiversity Information for Development](#)

Project identifier: BID-AF2017-0210-NAC

Funded by: [European Union](#) • [GBIF](#)

Co funded by: [Forestry Research Institute of Nigeria](#)

Partners: [Nasarawa State University Keffi](#) • [National Park Service](#) • [Nnamdi Azikiwe University, Awka](#) • [Nigerian Conservation Foundation \(NCF\)](#) • [University of Kansas](#)

Project lead: [Forestry Research Institute of Nigeria](#)

Contact details:

Dr. Omokafe Alaba Ugbogu
Forestry Research Institute of Nigeria
Forestry Hill, Jericho, Ibadan, Oyo State
Nigeria



Early progress report

PROJECT DATA OUTPUTS

Capacity advancement for the Nigeria node of GBIF

15 Oct 2017 - 31 Mar 2019 € 39,972

ABOUT

DATASETS

Nigerian Conservation Foundation (NCF) Database of Birds from Nigeria

The Nigerian Conservation Foundation (NCF) is the premier Non-Governmental Organization (NGO) to nature conservation and sustainable development in Nigeria. Years in action, NCF has maintain

Published by Forestry Research Institute of Nigeria

2,475 occurrences 1 citation

Animal Collections Of The Department of Zoology- Nasarawa State University

Nasarawa State University, Keffi (NSUK) is a young university situated in the middle belt region of Nigeria. The university has accomplished incomparable goals in academic and research within its short

Published by Forestry Research Institute of Nigeria

54 occurrences 1 citation

Insect Collections of Okomu National Park- Nigeria

An insect section for wildlife conservation is domiciled in Okomu National Park Research Center (ONRC). The insect section is a repository of about 100 specimens of the class Arthropoda, including the

Published by National Park Services

16 occurrences

Birds Sighting Records Of kainji Lake National Park- New Bussa Nigeria

Occurrence dataset

Kainji Lake National Parks in New Bussa Nigeria is responsible for protecting, preserving and conserving the gene pool of Flora and Fauna in the middle belt region of Nigeria. The protected area cover

Published by National Park Services

173 occurrences



Lepidoptera and Coleoptera of the Forest Insect Museum Ibadan (FIMI) Nigeria

Occurrence dataset

Forest Insect Museum Ibadan (FIMI) is both institutional and public research museum holding about 40,123 forest insect specimens consisting of 1,512 species, 97 families and 10 orders from all parts of Nigeria

Published by Forestry Research Institute of Nigeria

503 occurrences 1 citation



Some Angiosperm Data of the Forest Herbarium Ibadan (FHI) Nigeria

Occurrence dataset

Forest Herbarium Ibadan (FHI) is a repository of about 101000 specimens of vascular plants and cryptograms mainly from all parts of Nigeria and some other parts of the world. Forest Herbarium Ibadan i

Published by Forestry Research Institute of Nigeria

12,847 occurrences 1 citation



Sedges of the Forest Herbarium Ibadan (FHI) Nigeria

Occurrence dataset

Forest Herbarium Ibadan (FHI) is a repository of about 101000 specimens of vascular plants and cryptograms mainly from all parts of Nigeria and some other parts of the world. Forest Herbarium Ibadan i

Published by Forestry Research Institute of Nigeria

3,187 occurrences



Grasses of the Forest Herbarium Ibadan (FHI) Nigeria

Occurrence dataset

Forest Herbarium Ibadan (FHI) is a repository of about 101000 specimens of vascular plants and cryptograms mainly from all parts of Nigeria and some other parts of the world. Forest Herbarium Ibadan i

Published by Forestry Research Institute of Nigeria

4,905 occurrences 4 citations



PROJECT DATA OUTPUTS

OCCURRENCE DATASET | REGISTERED AUGUST 17, 2018

Grasses of the Forest Herbarium Ibadan (FHI) Nigeria

Published by [Forestry Research Institute of Nigeria](#)

Omokafe Ugboogu • Oluwaseun Osiyemi • Kehinde Adeniji • Tolulope Okanlawo • Temitope Soyewo • Temitope Oyebolu

[DATASET](#) [PROJECT](#) [METRICS](#) [ACTIVITY](#) [DOWNLOAD](#)

Forest Herbarium Ibadan (FHI) is a repository of about 101000 specimens of vascular plants and cryptograms mainly from all parts of Nigeria and some other parts of the world. Forest Herbarium Ibadan is located in Taxonomy Section of the Department of Forest Conservation and Protection at the Forestry Research Institute of Nigeria, Ibadan. The sources of FHI materials are from Taxonomic activities such as collections during routine field exploration, flora projects and inventories. Other sources ... [More](#)



4,905
Occurrences

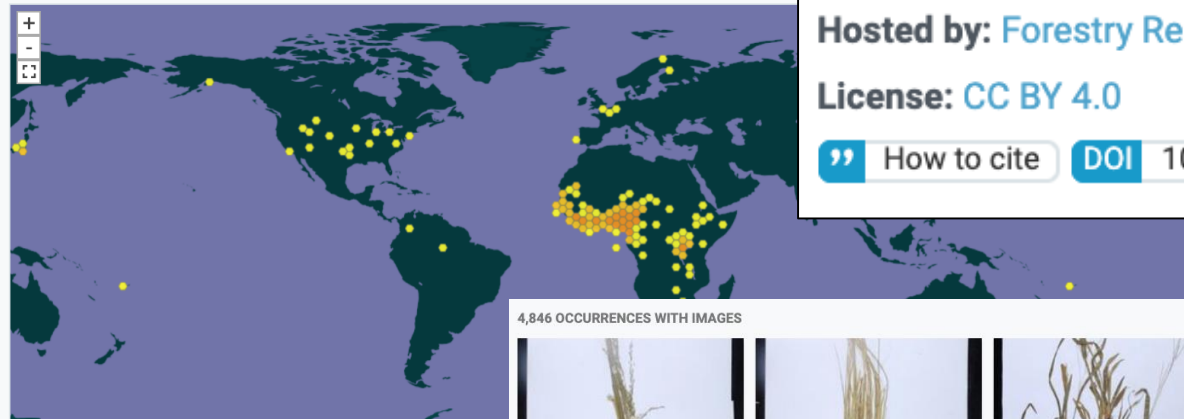


100%
With taxon match



80%
With coordinates

3,923 GEOREFERENCED RECORDS



4,846 OCCURRENCES WITH IMAGES



[SEE GALLERY](#)

4,905 OCCURRENCES

4 CITATIONS

Project ID: [BID-AF2017-0210-NAC](#)

Metadata last modified: May 21, 2019

Data last changed: May 21, 2019

Hosted by: [Forestry Research Institute of Nigeria](#)

License: [CC BY 4.0](#)

[How to cite](#)

[DOI](#) [10.15468/rhbyxz](#)

TYPES OF DATA APPLICATIONS



Species assessment and protected area management

Digitizing national vegetable databases to improve food and nutritional security in Eastern Africa

11 Nov 2017 - 31 Dec 2018 € 19,631

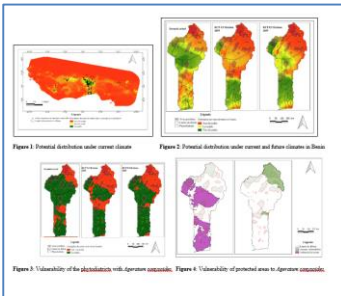
ABOUT NEWS & EVENTS

Agriculture and food security



Amaranthus nursery for seed production in Gihosha township, Bujumbura, Burundi. Photo by Global Hort Image Library/ Imagethèque licensed under CC BY-NC 2.0

Modelling impacts of climate change



Information for invasive species management



EXPANDED GBIF MEMBERSHIP

NEWS | 12 OCTOBER 2018

Cameroon and Liberia boost GBIF Africa membership to 20 countries

Two new participating countries enter, linked to involvement in the European Union-funded Biodiversity Information for Development programme



Fire skink (*Lepidothyris fernandi*), Buea, Cameroon. The native range of this tropical lizard extends throughout West and west Central Africa, including both Liberia and Cameroon. Photo by Lennart Hud via iNaturalist research-grade observations, licensed under CC BY-NC 4.0.

New countries and organizations joining GBIF during BID programme

- Angola
- Cameroon
- Democratic Republic of Congo
- Liberia
- Mali
- Niger
- Nigeria
- South Sudan
- Tonga
- Zimbabwe
- SPREP

REGIONAL CLOSING MEETINGS AND STATEMENTS

BID African regional meeting and nodes training

ADD TO CALENDAR

3 - 6 September 2019 Cameroon



REGIONAL CLOSING MEETINGS AND STATEMENTS

BID African regional meeting and nodes training

ADD TO CALENDAR

3 - 6 September 2019

Cameroon



Biodiversity Information for Development A shared statement from Africa recalling the commitments made by participants in the 'Africa Rising' conference on 19-22 May 2015



6 September 2019

Data is the currency of the information age, and biodiversity data must provide the foundation for evidence-based decision-making in the conservation, sustainable use, and management of natural resources. Critical data deficits might impair decision-making. In order to achieve sustainable development, we require relevant and reliable biodiversity information, tailored products and services for policymakers, researchers, natural resource users and managers in appropriate forms. We can only achieve this through national, regional and international cooperation and collaboration that can spur coordinated actions to pool resources, share expertise and best practices, and enhance capacity.

We, the participants of the BID Africa regional meeting, held in Yaoundé, Cameroon from 3 to 6 September 2019, agree that the BID programme has, to date, made significant achievements in the region in:

REGIONAL CLOSING MEETINGS AND STATEMENTS

BID Pacific regional meeting and nodes training

 ADD TO CALENDAR

 6 - 9 August 2019  Fiji



Group photo by Prianshika Sen.



Biodiversity Information for Development
A shared statement from the Pacific



9 August 2019

BID Caribbean regional meeting and nodes training

 ADD TO CALENDAR

 25 - 28 June 2019  Trinidad and Tobago



Biodiversity Information for Development
A shared statement from the Caribbean



28 June 2019

Mid-Term Review of The 'Biodiversity Information for Development' project (DCI-ENV/2014/352603)

The outcome of this evaluation suggests that this project as a whole is **(very) satisfactory**, as it globally meets most of its objectives. The BID team has shown very positive results through the management of the capacity enhancement workshops and the establishment of the network of mentors, whose main role is to bring technical support to the funded projects. The participants and projects teams were very satisfied with the topics addressed and the general organization of these workshops (average score of 4.5/5 for all the 'data mobilization' workshops; the first 'data use' one will only be conducted in April 2018).



BID CONSULTATION

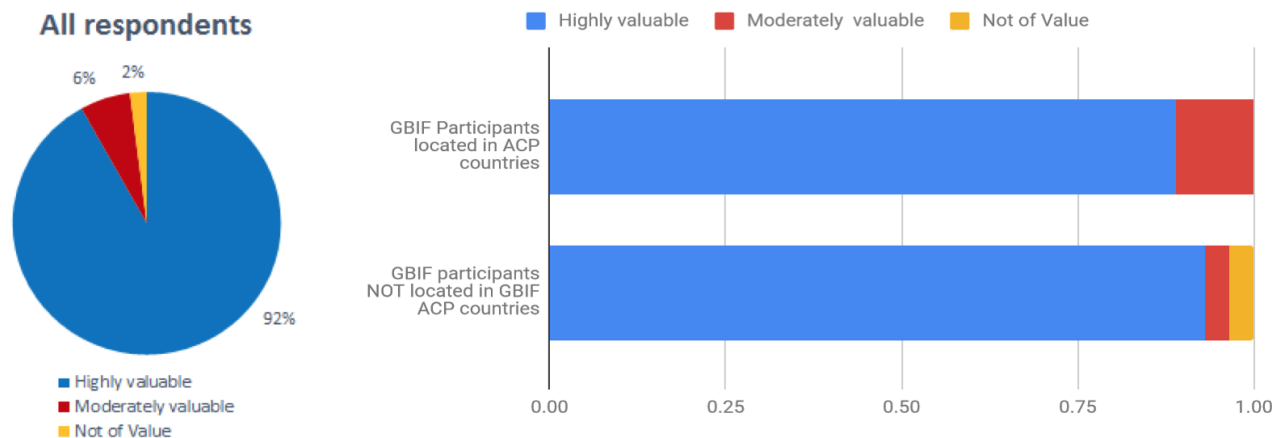


Fig. 1: How valuable do you perceive the BID programme to be for the BID target Region (ACP)?

Respondents:

- 47 GBIF Participants of which 18 are in BID target regions
- 20 voluntary mentors/trainers

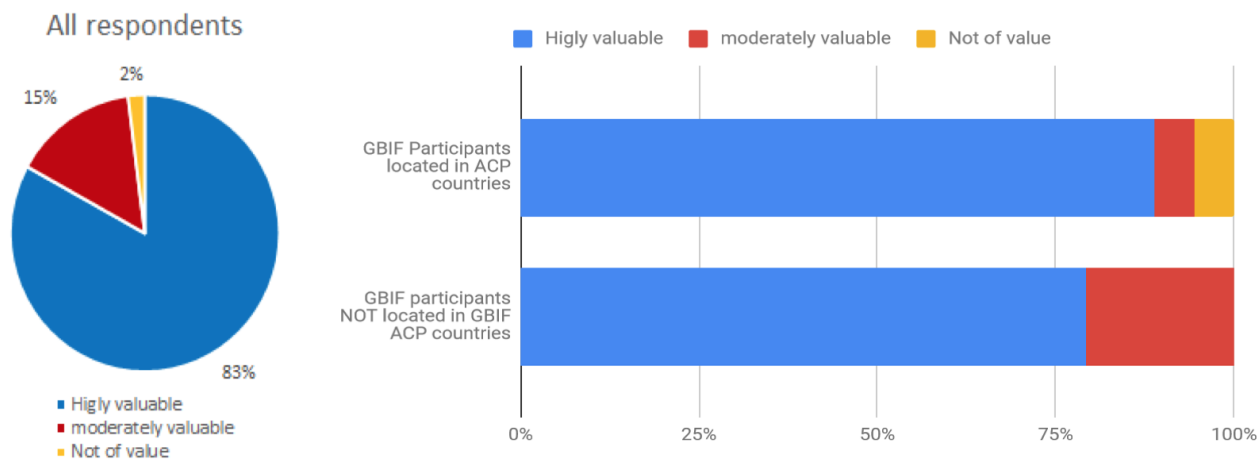


Fig. 2: How valuable do you perceive the BID programme to be for the whole GBIF community?

BID CONSULTATION

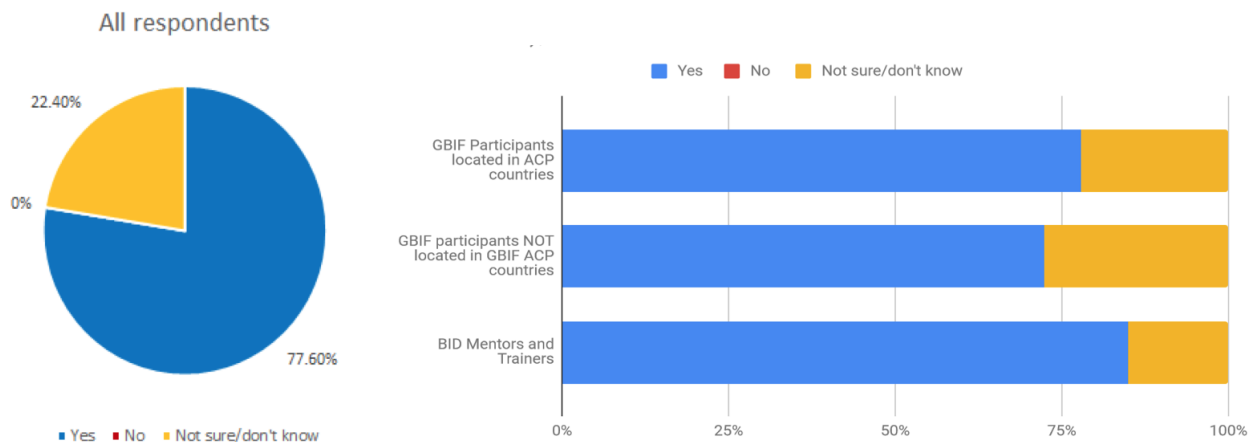


Fig. 3: In your view, is there sufficient demand to run a second phase of the BID programme within the same ACP regions—sub-Saharan Africa (excluding South Africa), the Pacific Islands and the Caribbean—that are the focus of the first phase

Respondents:

- 47 GBIF Participants of which 18 are in BID target regions
- 20 voluntary mentors/trainers

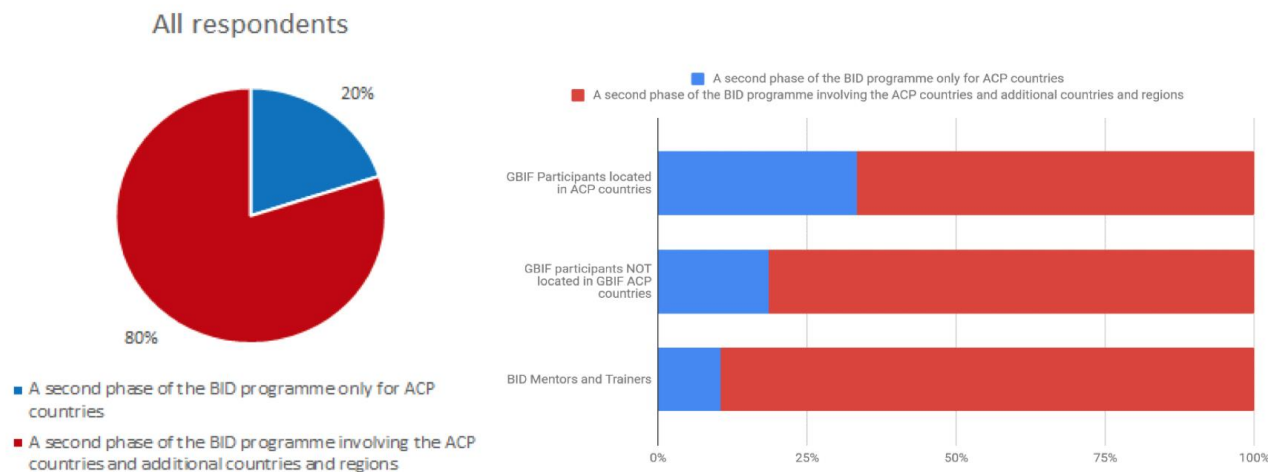


Fig. 5: If you support both a second phase of the BID programme that would focus on the same ACP regions and a BID programme that would involve a broader set of developing countries and regions, which would you prefer?