

Biodiversity Information for Development (BID) Regional Engagement Webinar for Africa

Thursday 11 June 2020 10:00 am GMT+2, 2 hour Zoom webinar

Registration required:

https://ucph-ku.zoom.us/webinar/register/WN_rEhzS7puSby_qENK-Ht8Kw

Presentations will be in English. Translated copies of the slides will be available in French and Portuguese. Participants can ask questions in English, French and Portuguese.

Agenda

Welcome messages

Tanya Abrahamse, GBIF Governing Board Chair, Joe Miller, GBIF Executive Secretary, and Chantal Marijnissen, Head of Unit DEVCO.C2 – Environment, Natural Resources, Water, European Commission

Session 1 – Introduction to GBIF and the BID programme

Tim Hirsch, Deputy Director, GBIF Secretariat

Session 2 – GBIF Participation in the Africa region

Jean Cossi Ganglo, GBIF Africa Regional Representative

Session 3 – GBIF Zimbabwe's experience through the GBIF capacity enhancement support programme

Luke Jimu, GBIF Zimbabwe Node Manager

Session 4 – Short talks from BID project teams

Lucilia Chuquela - Natural History Museum of the Eduardo Mondlane University, Mozambique - Project representative of the African Insect Atlas

David Elizalde Casteils, Data Manager, Sasscal, Angola, Project coordinator - Strengthening the institutional network in Angola to mobilize biodiversity data

Drissa Coulibaly - University Nangui Abrogoua, Côte d'Ivoire - Project Coordinator - Extension and management of the reference collections of bee pollinators in West Africa

Session 5 – Panel session

Chair: Tim Hirsch; Panel: Jean Cossi Ganglo, Pierre Raoufou Radji, Andrew Rodrigues, Maheva Bagard Laursen, Mélianie Raymond

Session 6: How to stay engaged in GBIF and BID in the future

Mélianie Raymond, GBIF Secretariat

The BID programme is funded by the
[European Union](#) and co-funded by [GBIF](#)





Introduction to GBIF and the Biodiversity Information for Development (BID) programme

Tim Hirsch | Deputy Director

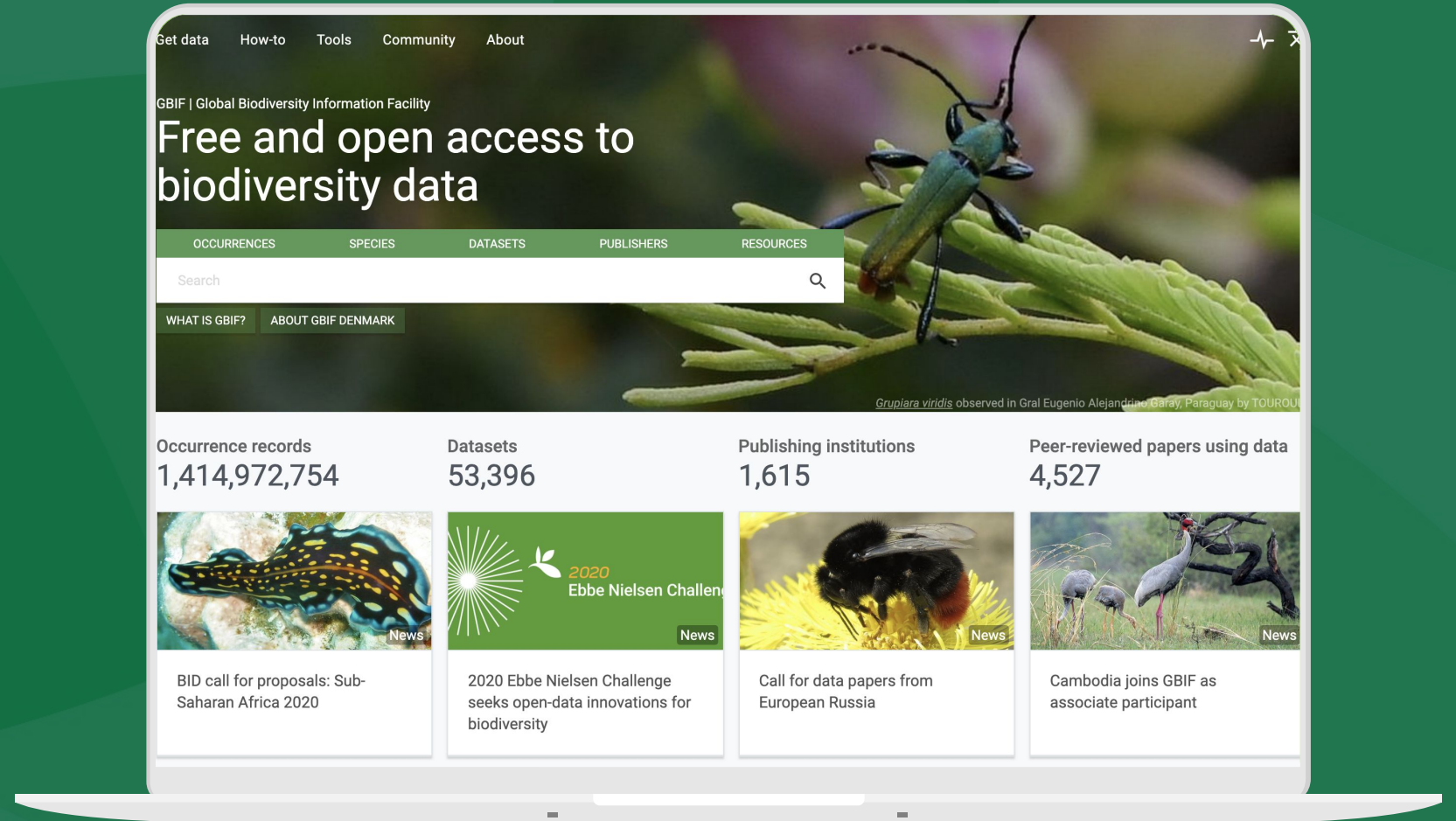


WHAT IS GBIF?

Intergovernmental network and research infrastructure

Provides anyone, anywhere, open access to data about all types of life on Earth

Collaboration through voluntary Memorandum of Understanding, Participant nodes



A MULTILINGUAL RESOURCE

GBIF | Global Biodiversity Information Facility

Accès libre et ouvert aux données sur la biodiversité

OCCURRENCES ESPÈCES JEUX DE DONNÉES FOURNISSEURS DE DONNÉES RESSOURCES

Rechercher

QU'EST-CE QUE LE GBIF ? A PROPOS DE GBIF DANEMARK




GBIF | Global Biodiversity Information Facility

Acesso livre e aberto a dados de biodiversidade

OCORRÊNCIAS ESPÉCIES CONJUNTOS DE DADOS PUBLICADORES RECURSOS

Pesquisar

O QUE É O GBIF? SOBRE O GBIF DINAMARCA



GBIF | Global Biodiversity Information Facility

Acceso libre y gratuito a los datos de biodiversidad

REGISTROS ESPECIES CONJUNTOS DE DATOS PUBLICADORES RECURSOS

Buscar

¿QUÉ ES GBIF? SOBRE GBIF DINAMARCA



GBIF | Global Biodiversity Information Facility

حرية و مجانية الوصول إلى معطيات التنوع الحيوي

المصادر الفاشيون مجموعات البيانات الأنواع التكرارات

بحث

ما هو المرفق العالمي لمعلومات التنوع الحيوي "جيبف" حول "جيبف" الدانمارك

Grupiara viridis observed in Gral Eugenio Alejandro Garay, Paraguay by TOUROULT Julien. Photo via iNaturalist (CC BY 4.0)

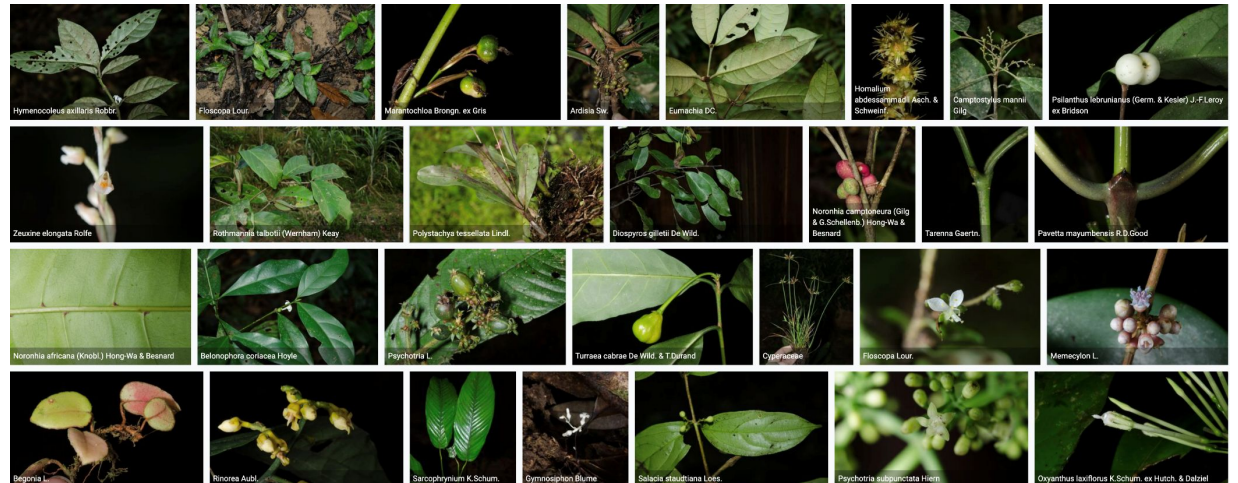
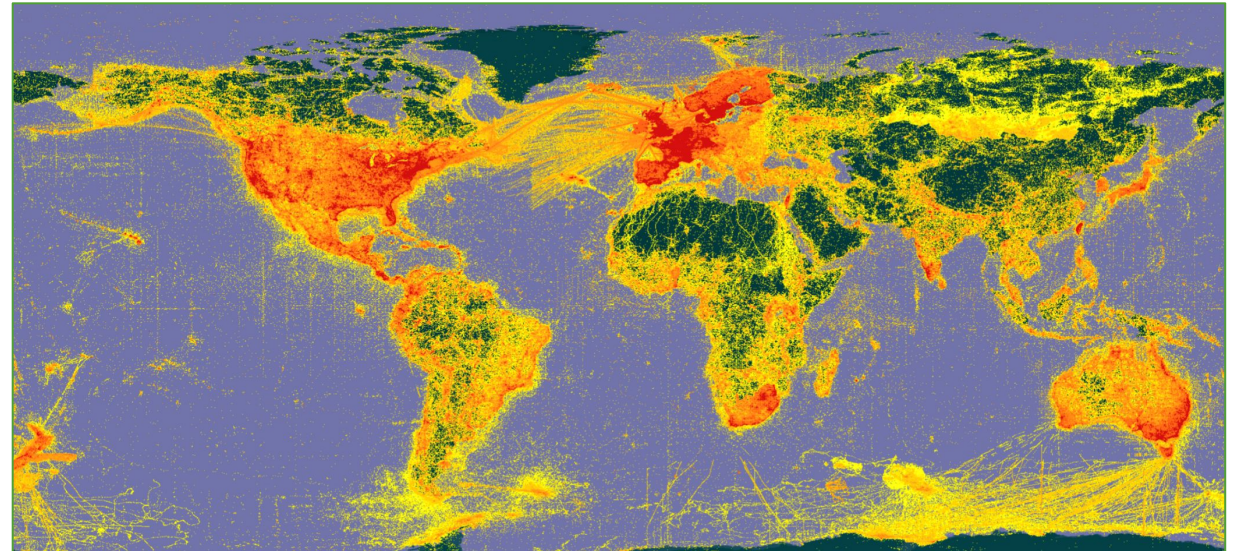


A WINDOW ON EVIDENCE ABOUT WHERE SPECIES LIVED, AND WHEN

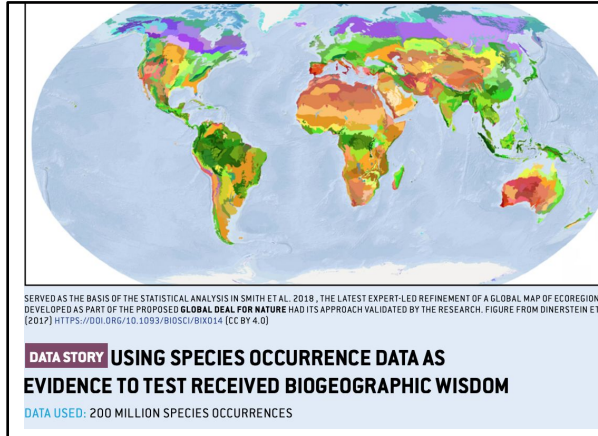
Data from:

- Natural history collections
- Research studies
- Monitoring programmes
- Citizens' observations
- Literature
- DNA sampling
- Others...

Shared using common data standards to enable full interoperability and instant retrieval



APPLIED USES OF GBIF-MEDIATED DATA FOR SUSTAINABLE DEVELOPMENT



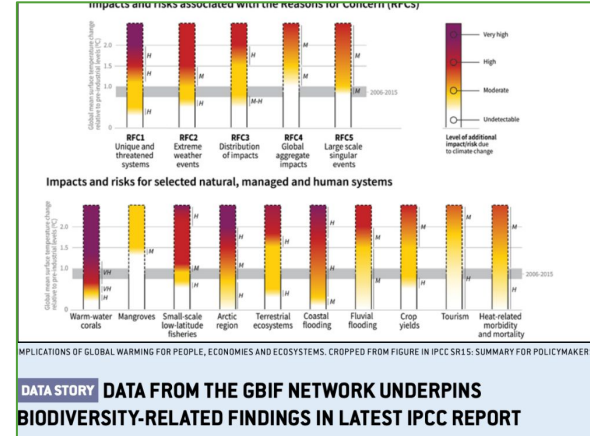
Conservation

- Protected areas
- Threatened species
- Invasive species risk



Food Security

- Crop wild relatives
- *In situ, ex situ* conservation of genetic diversity
- Fisheries planning



Climate change

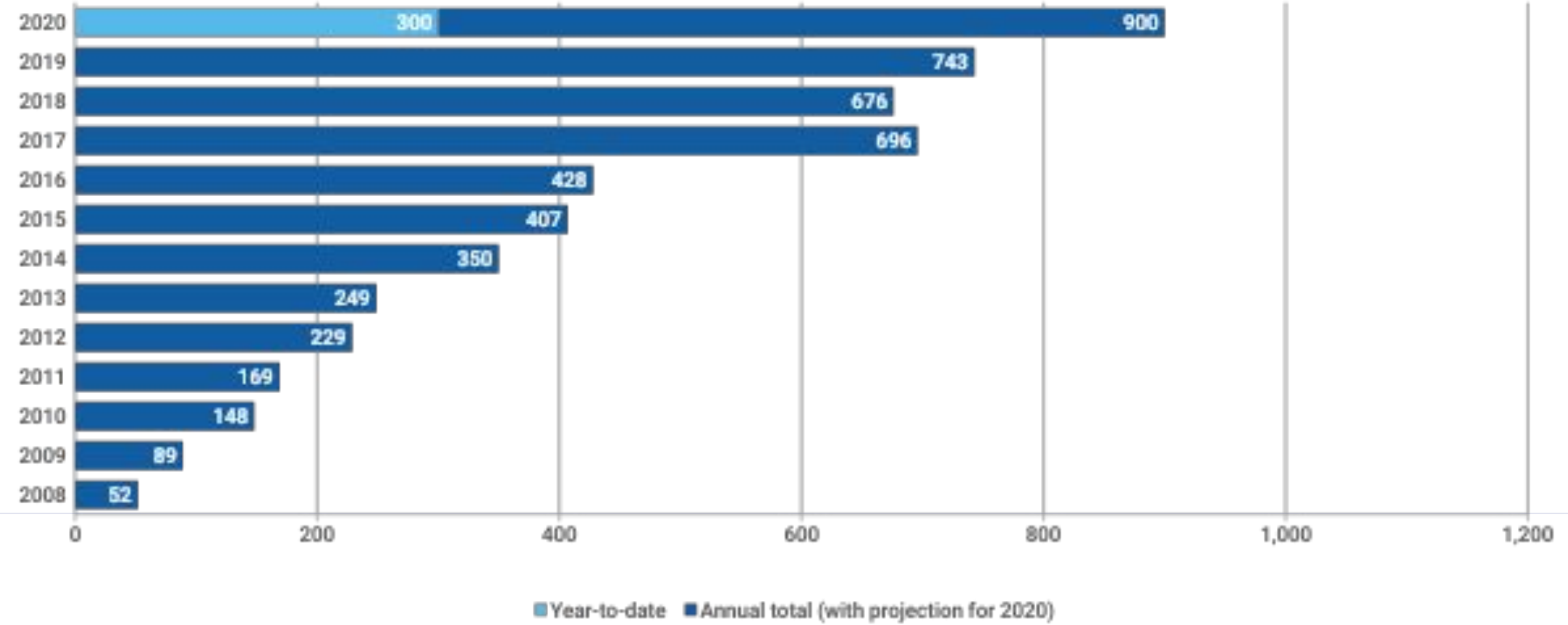
- Modelling impacts on species ranges
- Adaptation strategies
- Mitigation benefits, risks



Human health

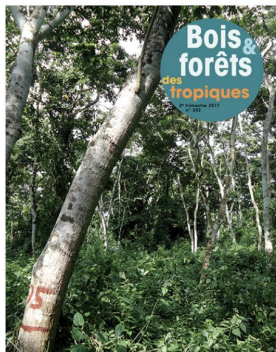
- Disease risk based on occurrence of vectors, hosts, reservoirs
- Medicinal plants
- Hazards e.g. snakebite

PEER-REVIEWED PUBLICATIONS USING GBIF-MEDIATED DATA *30 Apr 2020*



DATA USE IN AFRICA

ÉVALUATION DE L'APTITUDE D'ESSENCES PIONNIÈRES POUR LA RESTAURATION DE FORÊTS SECONDAIRES AU BÉNIN DANS UN CONTEXTE DE CHANGEMENT CLIMATIQUE



PDF

Publié: sept. 18, 2017

DOI:
<https://doi.org/10.19182/bft2017.332.a31332>

Mots-clés:
Lonchocarpus sericeus,
Anogeissus leiocarpa,
modèle de distribution
d'espèces, entropie
maximum, modèle linéaire
généralisé, aire favorable,
écologie.

Alain Jaures Gbètoho
Cirad UR 105 - Biens et services des écosystèmes forestiers

Augustin K. N. Aoudji

Lizanne Roxburgh

Jean C. Ganglo

Résumé

Pour cette étude, des modèles de niches écologiques sont appliqués à la gestion des forêts secondaires au Bénin. Cette étude a consisté à identifier les zones favorables à l'utilisation d'essences pionnières, telles que *Lonchocarpus sericeus* ou *Anogeissus leiocarpa*, pouvant être ciblées pour assurer à faible coût, dans un contexte de changement climatique global, pour restaurer rapidement des forêts secondaires et des écosystèmes dégradés afin de rétablir leur biodiversité. À l'aide des indices de fréquence mis à disposition sur le site Internet du Centre mondial d'information sur la biodiversité (GBIF) et les données environnementales récentes, les facteurs affectant la distribution des espèces sont évalués pour l'ensemble de l'Afrique de l'Ouest. Les modèles développés avec MaxEnt pour les deux essences, en Afrique de l'Ouest uniquement, affichent une bonne prédictivité pour $AUC > 0,80$ et des ratios AUC dépassant largement 1,5. Les résultats, intégrés dans des scénarios climatiques rcp4.5 et rcp8.5 à l'horizon 2055 basés sur les données AfriClim suggèrent une petite réduction de l'aire de distribution de *L. sericeus* et quelques variations pour *A. leiocarpa*. Cette distribution potentielle future des deux essences permet d'envisager leur utilisation pour la restauration du couvert végétal dès maintenant et jusqu'aux années 2050. Des améliorations sont nécessaires en utilisant des données complémentaires, en l'étendant à d'autres espèces et en évaluant les incertitudes liées à ces prédictions.

Numéro

Pioneering Benin forest restorations under future climate conditions

Data use

Study examines two candidate pioneer species to assess vulnerability to climate change ... Able to out-compete exotic weeds and attract important dispersers, fast-growing pioneer species are important ...

Published August 23, 2018



Tracking free-roaming cheetahs outside protected areas of South Africa

Data use

Large dataset of free-roaming cheetahs provides new information on the range of this vulnerable species ... Two of South Africa's cheetah populations exist in protected areas, while a third roams free ...

Published October 9, 2017



Predicting species richness through environmental heterogeneity

Data use

Focusing on variability rather than absolute values of environmental variables may improve models of species richness ... Plant species richness is influenced by resource availability, environmental st...

Published May 17, 2017



Building national watch lists for invasive alien species

Data use

A research team from the South African National Biodiversity Institute (SANBI) developed a simple methodology for drawing up national 'watch lists' that identify alien species most likely to pose subs...

Published October 13, 2014



Conserving genetic diversity of crops in West Africa

Data use

A shortlist of 20 plants for priority conservation in Benin has been drawn up, based on relatedness to crops used to sustain livelihoods in the country, using GBIF to help identify plant records from ...

Published February 8, 2013



GBIF IN AFRICA

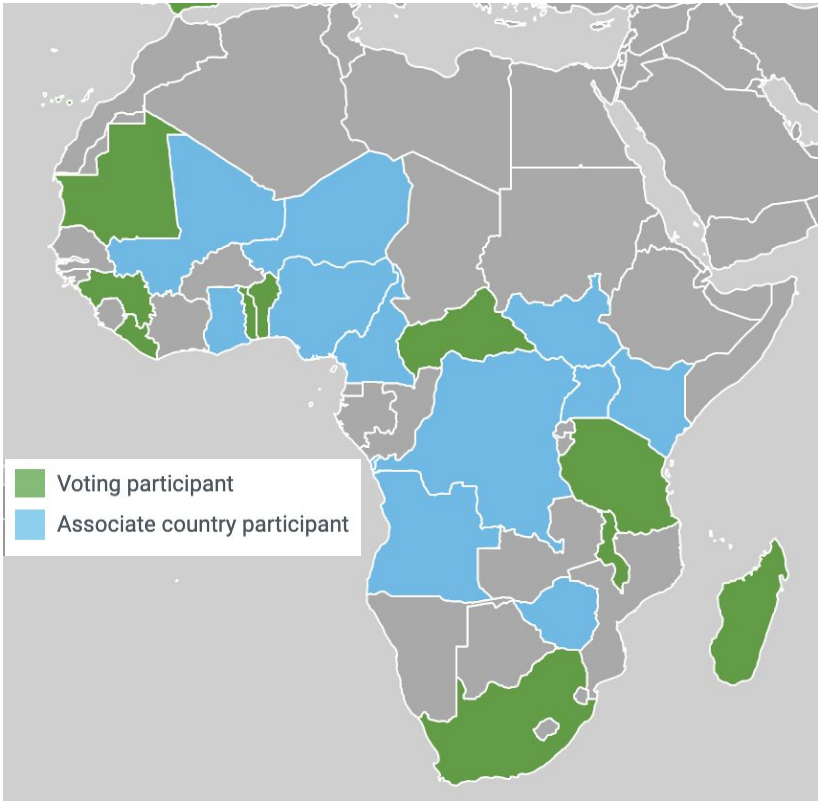
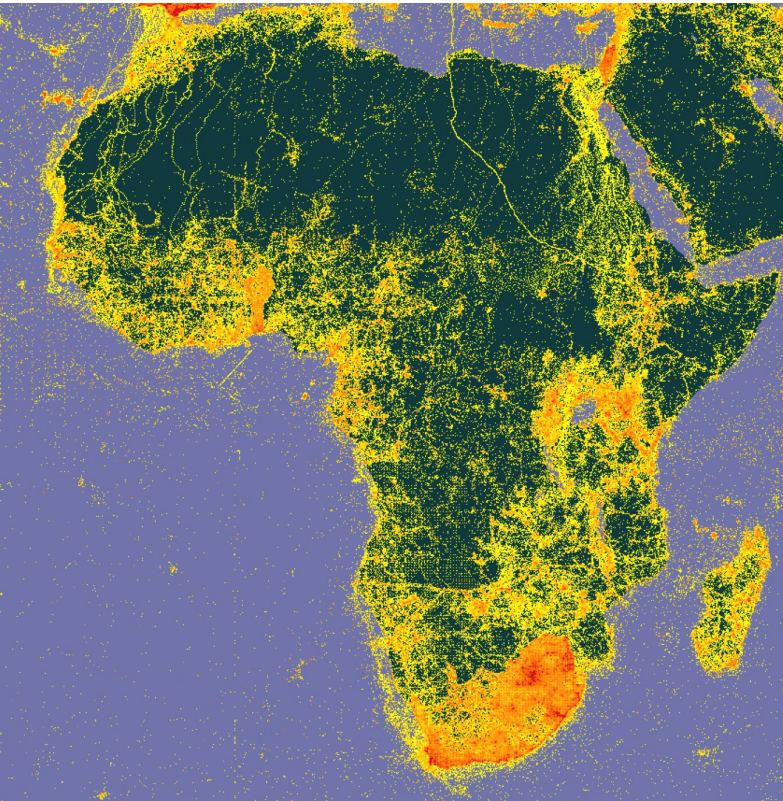
10 VOTING PARTICIPANTS

11 ASSOCIATE COUNTRY PARTICIPANTS

4 OTHER ASSOCIATE PARTICIPANTS

163 PUBLISHERS

30,935,010 OCCURRENCES



Nodes regional representative Africa	Ganglo, Jean Cossi	Benin
Nodes regional representative deputy Africa	Radji, Pierre Raoufou	Togo

CAPACITY ENHANCEMENT IN GBIF



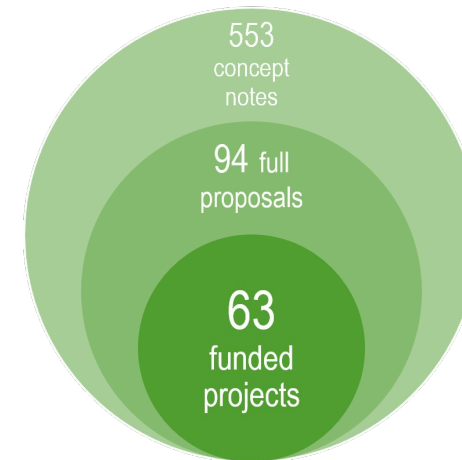
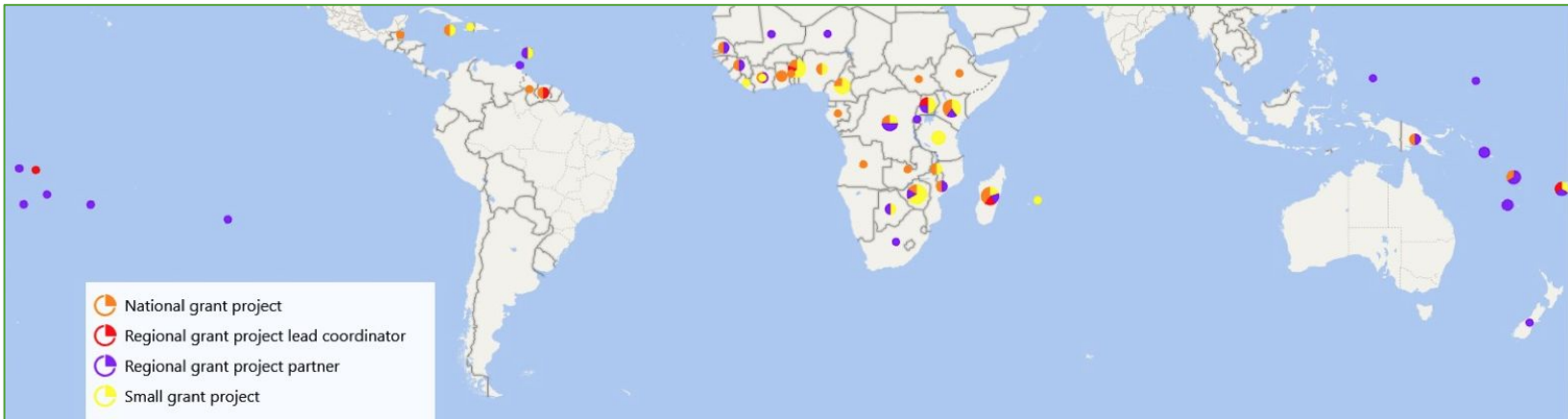
	Mentoring between GBIF Benin and GBIF France	June 1, 2017
	Mentoring Madagascar (MadBIF) - GBIF France	May 15, 2015
	Mentoring of GBIF Togo	June 1, 2018
	Mentoring of Nigerian Biodiversity Information Facility	June 19, 2018
	OpenPSD: Promoting publication and use of private-sector data on biodiversity	June 1, 2019

- Annual call funded from GBIF core budget
- Exclusive to GBIF participating nodes
- Aims to address needs identified by GBIF Participants, facilitates knowledge transfer and collaboration at regional and global levels
- Supports mentoring, regional events, advocacy, documentation, promotion of data use
- 12 projects supporting African nodes since 2014, €147k grant funds with €150k co-funding

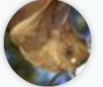


BIODIVERSITY INFORMATION FOR DEVELOPMENT (BID) PROGRAMME

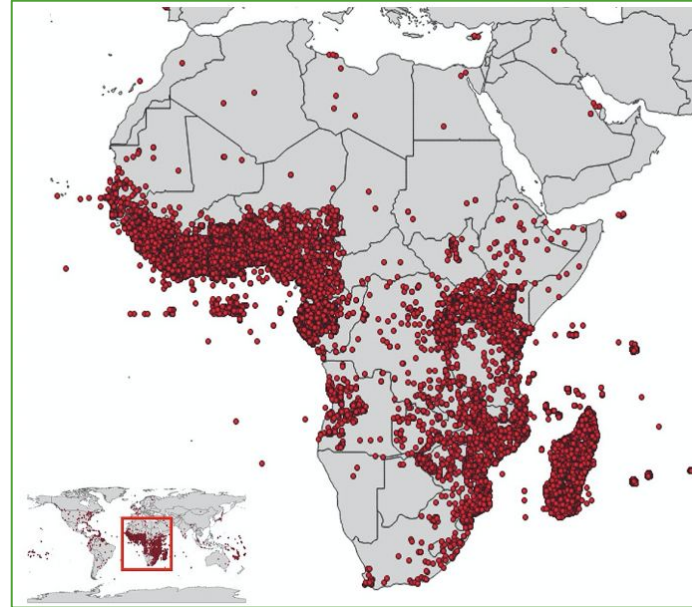
Overall objective: Improved management of natural capital for human well-being; through increased application of biodiversity information as evidence for decision making

- Initial €3,9 million grant under the EuropeAid Biodiversity for Life (B4Life) flagship umbrella programme, €1m in-kind contribution from GBIF
- First phase 2015-2019: Funded 63 projects in sub-Saharan Africa, Caribbean and Pacific (ACP) countries
- Regional capacity enhancement workshops trained project teams in biodiversity data mobilization and use
- Extension agreed to 2023, €1.6m budget top-up



BID IN SUB-SAHARAN AFRICA: FIRST-PHASE OUTCOMES

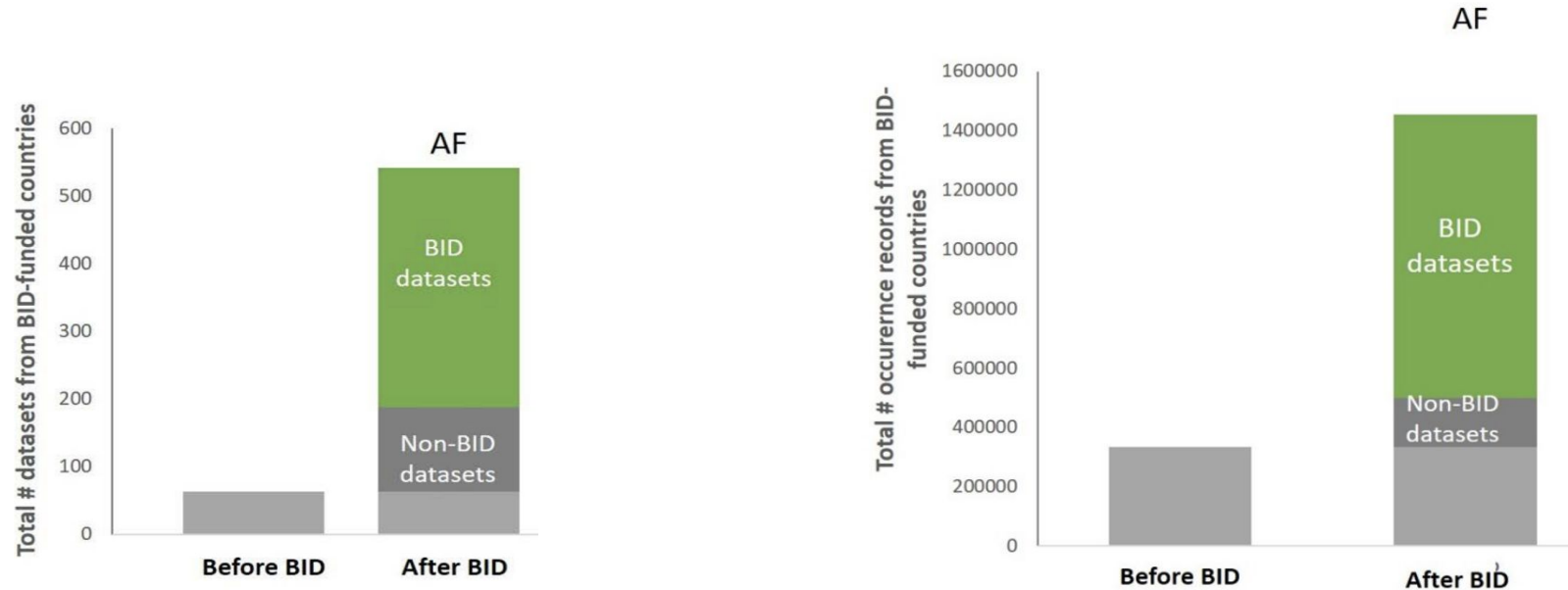
	Mobilizing bat occurrence data in Zambia	National grant
	Getting the plants to all: dissemination of information from the collection of The Mauritius Herbarium	Small grant
	Biodiversity Information for Development and Environmental Resilience in Southwestern Ethiopia (BIDERSE)	National grant
	Freshwater biodiversity of the Eastern Highlands of Zimbabwe: Assessing conservation priorities using primary species occurrence data	Small grant
	Digitizing the Matobo Hills Arachnid collections at the Natural History Museum of Zimbabwe	Small grant
	Mobilizing specimen data on bats and rodents from Zimbabwe	Small grant
	Strengthening Malawi's Biodiversity Information Facility	National grant



- 50 funded projects covering 27 African countries
- 354 datasets published in GBIF.org, 67 new data publishers
- 10 new GBIF participant countries in Africa
- Growing community of practice in biodiversity informatics
- Mentoring and training involving global GBIF community



BID IN SUB-SAHARAN AFRICA: FIRST-PHASE OUTCOMES

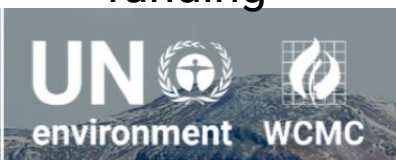


- 321% increase in species occurrence records from target countries
- More than 80,000 different species, of which 27% were first records in GBIF for a country
- Over 2,000 distinct scientific names reported for the first time in GBIF
- Data on 1,100 threatened species, of which 22 were first records in GBIF



BID IN SUB-SAHARAN AFRICA: COLLABORATION AND JOINT FUNDING

- Capacity enhancement workshops for all funded projects
- Curricula developed in biodiversity data mobilization and data use for decision making
- Volunteer mentors from global community
- Trainees from first African projects became mentors for later projects!
- Workshops held jointly with complementary projects in Africa, e.g. Africa Biodiversity Challenge (SANBI/JRS), Connect (UNEP-WCMC/GEF), enabling efficiencies of funding



Biodiversity Information for Development


BID IN SUB-SAHARAN AFRICA: SECOND-PHASE PLANS

- Call for proposals launched 10 June 2020
- Eligibility for all sub-Saharan Africa, apart from South Africa
- Approximately €600,000 available for grants
- Implementation April 2021-March 2023

10 JUNE 2020


BID call for proposals: Sub-Saharan Africa 2020

The Biodiversity Information for Development programme aims to enhance capacity for effective data mobilization and use for sustainable development: DEADLINE: 27 AUGUST 2020



Linda's flatworm (*Pseudoceros lindae*) Zanzibar, Tanzania. Photo 2011 by Rino Iubatti via iNaturalist Research-grade Observations, licensed under CC BY-NC 4.0.

[Application timeline](#) • [General recommendations](#) • [General eligibility](#) • [Application process](#)

 **BID** | Biodiversity Information for Development

GBIF invites the submission of concept notes for project funding from sub-Saharan Africa through Biodiversity Information for Development (BID), a programme funded by the Directorate-General for International Partnerships of the European Union.

BID IN THE SUB-SAHARAN AFRICA: SECOND-PHASE PLANS

Four grant types:

- **Regional data mobilization grant:** establishing or strengthening international collaborations to increase biodiversity data mobilization addressing regional sustainable development needs
 - Funding limit: €120,000 (3 or more countries); €60,000 (2 countries)
- **National data mobilization grant:** establishing or strengthening national biodiversity information facilities and increasing biodiversity data mobilization to respond to national priorities
 - Funding limit: €40,000
- **Institution-level data mobilization grant:** mobilizing data relevant for sustainable development
 - Funding limit: €20,000
- **Data-use grant:** building on existing relationships between biodiversity data-holding institutions and decision makers, and providing data solutions that respond to a specific policy need
 - Funding limit: €60,000

<https://www.gbif.org/article/6YMaBaQKPDDfBSGT06jvq5/bid-call-for-proposals-sub-saharan-africa-2020>



 **BID** | Biodiversity Information
for Development



BID IN SUB-SAHARAN AFRICA: SECOND-PHASE PLANS

Timetable:

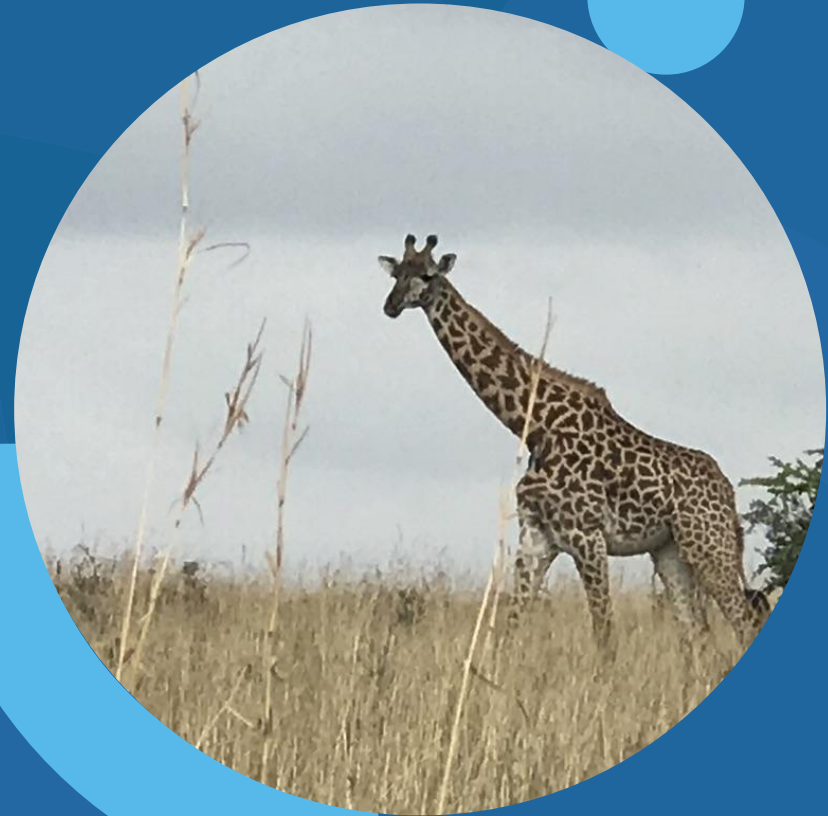
- **10 June 2020:** Call for concept notes
- **27 August 2020:** Deadline for submitting concept notes
- **Last-quarter 2020:** Invitation to submit full proposals (2 months)
- **April 2021 – March 2023:** Implementation of projects
- **Second-quarter 2021:** Capacity enhancement workshop for Africa



THANK YOU

Tim Hirsch

thirsch@gbif.org



www.gbif.org



BID WEBINAR: GBIF PARTICIPATION IN THE AFRICA REGION



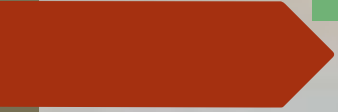
Dr. GANGLO C. Jean
Professor of Forest sciences
Node Manager of GBIF Benin
Regional Representative of GBIF-Africa
Virtual meeting 10-12 June 2020

Content



- History and functioning of GBIF Africa
- Benefits of working at regional level
- Main points of BID regional statement
- The initiative of the master program in biodiversity informatics in Benin
- Invitation for more engagement with BID and GBIF to strengthen participation in the region

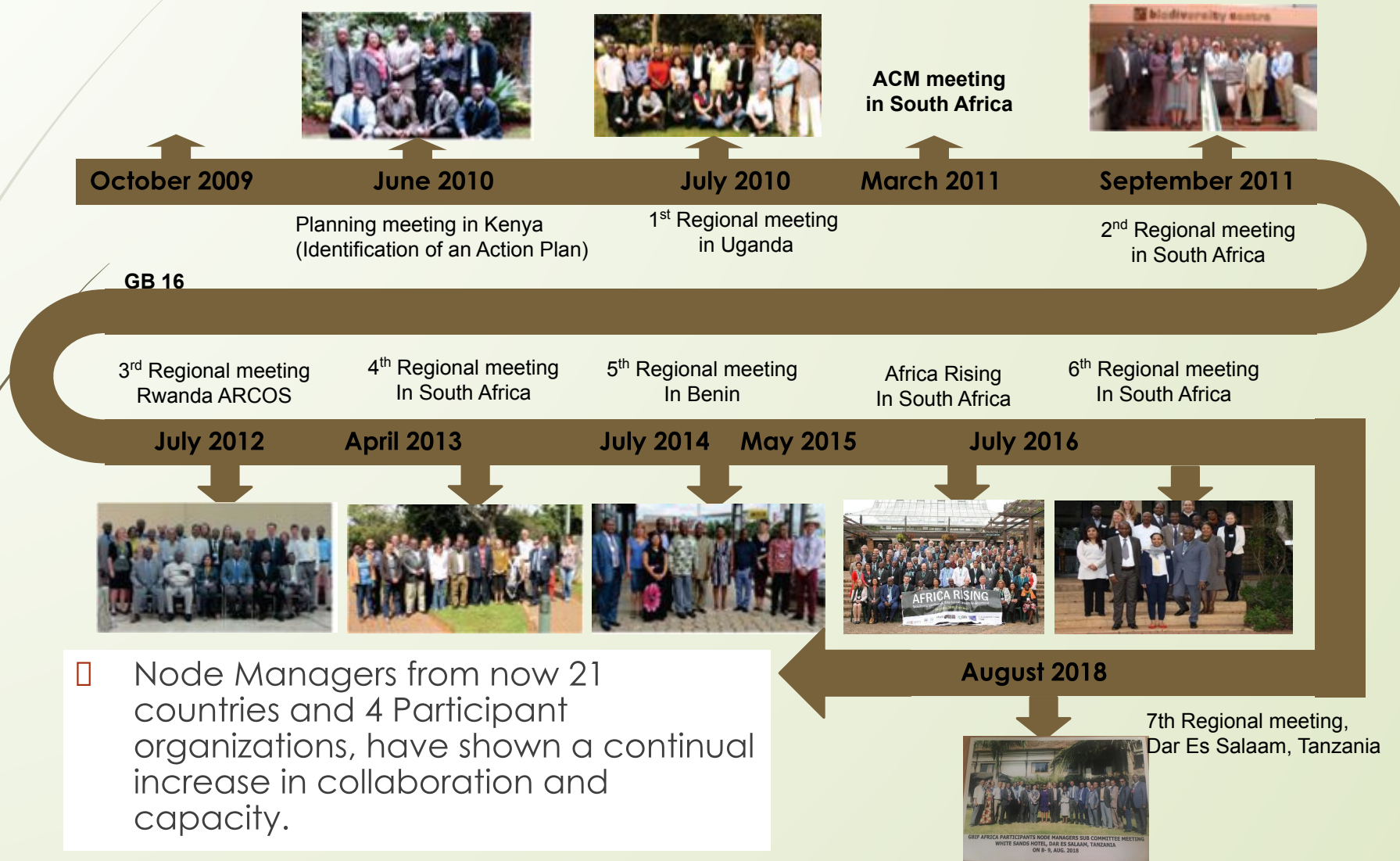
GBIF-Africa, history and functioning



- In 2009 (GB 16), in Copenhagen, Denmark, the governing board endorsed the recommendation to have a series of regional meetings with the aim of improving the **coordination of activities** between the country nodes and the secretariat as well as to **support collaboration** amongst nodes
- In June 2010, a planning meeting took place at Nairobi in Kenya and defined an action plan that progressively evolved through reviews till 2018 when the actual GBIF-Africa Action plan was elaborated for the period of 2018 – 2020

GBIF-Africa, history and functioning

- A total of 7 Regional meetings took place across Africa of which 4 (57%) were organized in South Africa



- Node Managers from now 21 countries and 4 Participant organizations, have shown a continual increase in collaboration and capacity.

GBIF-Africa, history and functioning



- I here acknowledge the leading and helpful roles of SANBI-GBIF, South Africa, that enabled several meetings and capacity building events
- The ongoing initiative of African coordinating Mechanism (ACM) rooted from our first regional meeting in Entebbe (Uganda) in 2010.
- We therefore founded out that the ACM was needed and indispensable to :
 - promote and coordinate biodiversity informatics activities in Africa, mainly capacity development and infrastructure
 - to improve collaborative action in data mobilization, publishing and use, and
 - to complement the global activities of the GBIF Nodes Committee
- We wish that ACM becomes functional to fully play its expected roles in coordination with GBIF Secretariat



GBIF-Africa, history and functioning

- GBIF-Africa Action plan was initiated since 2014, in Benin, and went through several updates. The most updated one covers the period of 2018-2020
- A new GBIF Action plan, is actually needed to cover the period of 2020-2024 with a midterm review in 2022
- Globally, in each country, the nodes are carrying out their activities towards the achievements of the four global objectives of GBIF-Africa Action plan that revolves around capacity building to mobilize, manage, and use data, and regional engagement empowering



- Working at regional level enhance collaboration, experience sharing, and more efficient global advancements.
- Working as region helped node managers to respond to calls for projects in the framework of consortia teams where more experienced node managers have opportunities to train less experienced ones. For examples:
 - In the framework of the Capacity Enhancement Support (CESP) programs of GBIF secretariat, from August 2015 up to May 2020, 08 projects were selected and founded;
 - In the framework of the first phase of the BID projects under the umbrella of GBIF, between 2015 and 2017, GBIF issued four calls for project proposals, resulting in 50 funded projects in Africa;
- In the framework of those collaborative projects and the training opportunities provided by GBIF Secretariat every two years, node managers are trained in basic technics of data mobilization, data cleaning, data publishing, and data uses
- I must here acknowledge the leading and helpful roles of GBIF Secretariat in its daily supports to GBIF Africa

Main points of BID regional statement



▣ The participants of the BID Africa regional meeting, held in Yaoundé, Cameroon from 3 to 6 September 2019, agreed that the BID program has, to date, made significant achievements in the region in:

- ▣ Making 354 valuable biodiversity datasets available—which contain 960,000 occurrence records comprising nearly 29,000 taxa, 40 percent of which were recorded for the first time in at least one African country
- ▣ Mobilizing a new and diverse community of 67 biodiversity data publishers
- ▣ Strengthening a community of practice in biodiversity informatics through the creation of a regional mentor network that supported the training of more than 1,300 experts through BID-funded workshops
- ▣ Increasing formal GBIF participation through the membership of 9 new participant countries in Africa

▣ However, there is still an urgent need to:

- ▣ Step up data mobilization from Africa to overcome the remaining massive under-representation of accessible biodiversity data from the continent
- ▣ Leverage capacity in the region that has been supported in the first phase of the BID program to sustain knowledge transfer
- ▣ Expand the user base within the research community through integrating biodiversity informatics into teaching and training at all levels, building on successful examples in the region
- ▣ Transmit relevant evidence-based information to policy and decision makers at all scales
- ▣ Ensure sustainability through increased GBIF membership, establishment of and support for new nodes, increased regional coordination etc.

MASTER PROGRAM IN BIODIVERSITY INFORMATICS AS A CONTRIBUTION TO IN-DEPTH CAPACITY BUILDING ACROSS AFRICA



- Among the challenges facing Africa, its biodiversity is not well known in terms of documentations, scientific publications, and data availability for use to inform decision making
- The digitized biodiversity data that are published on open access repositories are very few about Africa; for example, out of more than 1,400 million of primary biodiversity data on GBIF site, Africa published only about 2%
- Limited capacities to achieve sound studies, research works, data and scientific publications in order to advance knowledge on the biodiversity and related ecosystems of the continent, are among the priority challenges to overcome in order to save and use biodiversity of Africa
- In order to overcome those challenges and achieve in-depth capacities in biodiversity informatics we received the strong support of JRS Biodiversity Foundation and of his Executive Director Dr. Don Doering as well as the kind support of Professor Peterson Town of the University of Kansas, and elaborated the curriculum of a master program in biodiversity informatics. This academic program was validated by the University of Abomey-Calavi and the master program was therefore created in June 2017
- Actually, in the program, there are globally three batches of students comprising 4 nationalities (DRC Congo, Côte-d'Ivoire, Togo, and Benin)
- In the programs research works are undertaken in at least three thematic areas to inform decisions in:
 - Public health
 - Threatened species
 - Invasive alien species
 - Etc.
- The students of the first batch of the program are defending their master theses this June

MASTER PROGRAM IN BIODIVERSITY INFORMATICS AS A CONTRIBUTION TO IN-DEPTH CAPACITY BUILDING ACROSS AFRICA



- ❑ The program will welcome its first Ph. D students from the next academic year (2020-2021) and will become master and Ph. D programs in biodiversity informatics
- ❑ Node managers and other stakeholders are invited to train their collaborators in the programs in order to contribute to overcome the critical challenges of capacity shortage in biodiversity informatics across the continent
- ❑ We here acknowledge the kind and memorable support of the Executive Director, Dr. Don Doering of the JRS biodiversity Foundation and the staff members of JRS Foundation Board
- ❑ We also acknowledge the kind support and partnership of the adviser of the program, Professor Peterson Town of the University of Kansas (USA)
- ❑ Thank you

INVITATION FOR MORE ENGAGEMENT WITH BID AND GBIF



- In order to strengthen participation in the region we would like to invite you:
- For more engagement with GBIF
 - By lobbying and advocating at national, regional, and international levels so that your countries become GBIF participants and voting members with regular payments of financial contributions
- For more engagement with BID
 - By liaising with national and regional partners to elaborate and submit proposals in due time in order to support capacity building, data mobilization, and data use to support decisions in Africa



THANK YOU



Experiences from GBIF Zimbabwe: from joining the GBIF family to the CESP project with GBIF Spain

Luke Jimu



GBIF

Global Biodiversity
Information Facility

Zimbabwe joins the GBIF family

- I would want to call this experience, *'Beyond the BID project, the birth of GBIF Zimbabwe'* .
- When we saw the call for the BID project in 2017, we gave it a try and applied.
- We were awarded the grant to mobilise data on wild plants of medicinal and food importance in Zimbabwe.
- During one of the BID workshops, the idea to join GBIF was discussed and Zimbabwe joined GBIF in May of 2018.



GBIF Zimbabwe awarded a CESP grant

- GBIF Zimbabwe and GBIF Spain started working together under the under the Node Mentoring Programme.
- This was followed by the joint application for the CESP funding, awarded in 2019.
- Project title: *Strengthening Zimbabwe's GBIF node through collaboration with GBIF Spain.*



Project activities/ deliverables

1. Online activities:

- IPT for GBIF Zimbabwe
- Website for GBIF Zimbabwe
- Twitter account
- Strategic Plan for GBIF Zimbabwe

2. Training workshops:

- Training of two staff GBIF Zimbabwe in Madrid
- Training of 29 participants in data mobilisation
- Training of 46 researchers and students in data access and use



Sustainability plans

- GBIF Zimbabwe will continue to work with GBIF Spain in critical areas e.g. citizen science, Living Atlases and data use software e.g. ecological niche modelling and R.
- apply for joint proposals aimed at improving data mobilisation and use in both nodes.



Plans for the next 5 years

- Increase the number of data publishers (at least 20) and users (at least 100 papers).
- Increase occurrence data mobilised to at least 1000 000 in the next 5 years.
- Diversify the data sources to include e.g. EIA reports, students' projects, and citizen science.



Thank you



African Insect Atlas

Madagascar , Kenya , Mozambique, Botswana ,
Zimbabwe and South Africa, Lucilia Chuquela,
Natural History Museum-Moz

 **BID** | Biodiversity Information
for Development

*This programme is funded
by the European Union*



Project objectives

African Insects Atlas : Unleashing the potential of Insects in Conservation and Sustainability in Africa



Action done

Regional Workshop, standardized protocol, different trainings on Biodiversity data mobilization, Digitalization and Database management system

MS excel or Specify

70.346 records By September 2016,
Now 93.119 records



Project impacts

The data from Insects each country more accessible and published through GBIF.org

Capacity building in data holding institutions



Best practices & lessons learned

Lack of Skills to work on computer;
Most of specimens don't have coordination;

Most of specimen hold in Museum are fragile and needs soft hand to manipulate;

Published Data on lpt was challenges for most consortium , regional workshop and host data for others.



ANGOLA - STRENGTHENING DATA SHARING NETWORK

David Elizalde | (ex) SASSCAL



*This programme is funded
by the European Union*



Project objectives

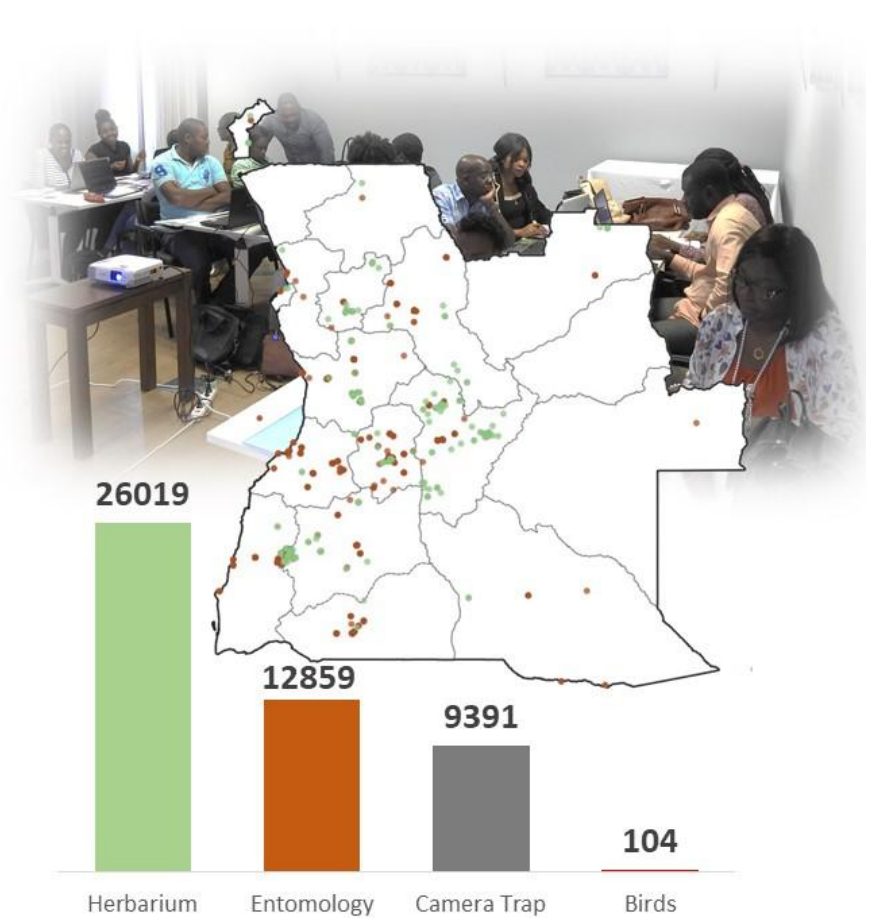
A FIRST CONTACT WITH GBIF

- Engage/register institutions
- Capacity building
- Digitize NH collections
- Publish first country datasets



Main activities and results

- **6 Institutions** reached in **7 Trainings/workshops** in: Natural history collections digitization, herbarium and entomology collections handling, data curation, georeferenciation, data mobilization
- **5** registered and **2** publishing institutions
- **4** datasets and **48,373** records published
- **1** National Workshop



Project impacts

- Data gaps detected by environmental government agencies
- Updated country checklists (i.e. Odonata)
- Network of data holding institutions
- Angola as an Associate GBIF member in early 2019



Best practices & lessons learned

- Break the data sharing fear
- Engage a key institution, others will follow
- Rely on other countries experience and support (BID workshops!)
- Train, train, train = Motivation
- Lookout for the experienced people in country





Project title:
**Extension and management of the
reference collections of bee
pollinators in West Africa (Burkina
Faso and Côte d'Ivoire).**

DR. COULIBALY DRISSA
University, Côte d'Ivoire



*This programme is funded
by the European Union*



Project objectives

- Facilitate data digitization and data mobilization;
- Extend the current reference collection of West Africa bees (Côte d'Ivoire, Burkina Faso);
- Use the reference collection for students training and education;
- Share research findings with policy makers and data users.



Main activities and results

- Sorting, pinning and identification of bees (More than 100 species);
- Data digitization and data publishing on gbif portal (checklist, occurrence and sampling event);
- Participation to the two workshops organized by gbif in Cape Town (knowledges data mobilization and data use);
- Dissemination of knowledges;
- Students training (Master thesis).



Project impacts

The high mobilization of bee data aroused real enthusiasm among learners. Many students used already the bees reference collection as part of their Master thesis. The knowledges on bees has evolved and the ecosystem services study (e.g. pollination) is still possible in agricultural regions. Policy makers and data users (farmers, students, scientists...) have a good understanding of bee importance.



Best practices & lessons learned

- Rigorous respect of planned activities schedule has been an important factor to achieve project objectives;
- Regular contact with the mentors has helped to build our capacity;
- Self-assessment has been an essential tool for effective and efficient management of our project;
- Development of links with other project leaders is still an good experience to be taken advantage of.



Staying engaged in GBIF and BID

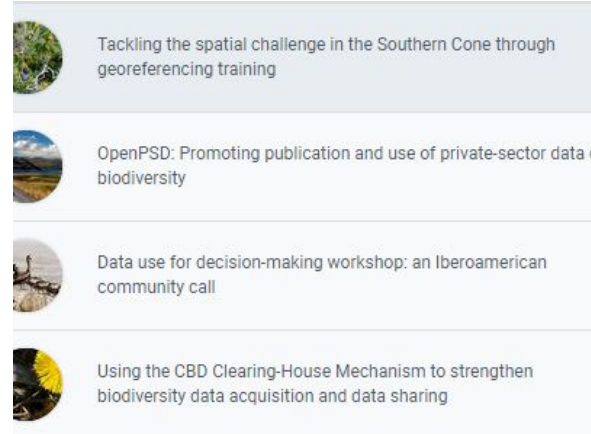
Mélanie Raymond GBIF Secretariat



GBIF

Global Biodiversity
Information Facility

WHAT'S NEXT?



BID call for proposals

- June call for Africa region
- Videos and webinars to support application process

GBIF community webinars

- Regular updates on GBIF activities targeting nodes and publishers

GBIF Capacity Enhancement Support Programme

- 2020 projects start in August
- Next call announced in December

GBIF representation at CBD events

- BID-related side events



WHAT'S NEXT?



GBIF 2021 regional meetings

- In-person meeting for Africa in Togo?

BID Capacity Enhancement workshops 2021

- Data mobilization and data use
- Community mentors

Regional data publishing support

- Contact helpdesk@gbif.org

Become a GBIF Participant country or organization

- www.gbif.org/become-member
- Contact thirsch@gbif.org



STAY IN TOUCH!

- gbif.org/newsletters
- BID community mailing list
- Twitter @GBIF
- Contacts for nodes and Secretariat on GBIF.org

Newsletters

Keep up to date with the latest GBIF news by subscribing to our newsletters



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