



**GBIF**

Global Biodiversity  
Information Facility



**BID**



# Biodiversity Information for Development

*Maheva Bagard Laursen – GBIFS Programme Coordinator*



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



# SUPPLEMENTARY FUNDS FROM THE EUROPEAN COMMISSION

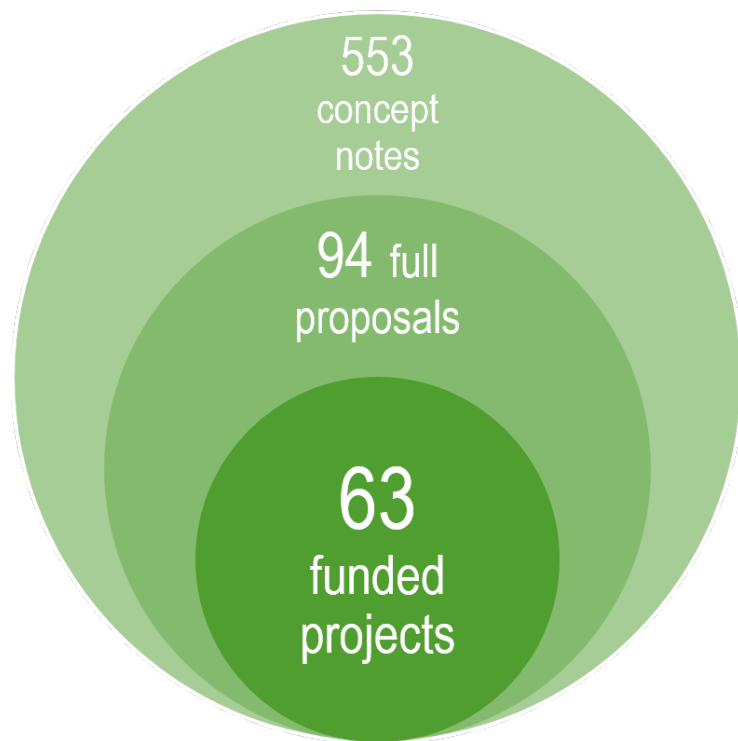


€3,9 million grant under the EuropeAid Biodiversity for Life (B4Live) flagship umbrella programme.



GBIF committed a further €1 million in-kind support

# BID: FOUR CALLS FOR PROPOSALS 2015 - 2017



CALLS | AFRICA 2015

## Call for proposals

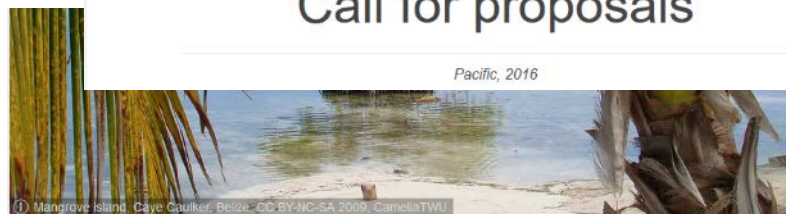
*Sub-Saharan Africa, 2015*



CALLS | PACIFIC

## Call for proposals

*Pacific, 2016*



CALLS | CARIBBEAN

## Call for proposals

*Caribbean, 2016*

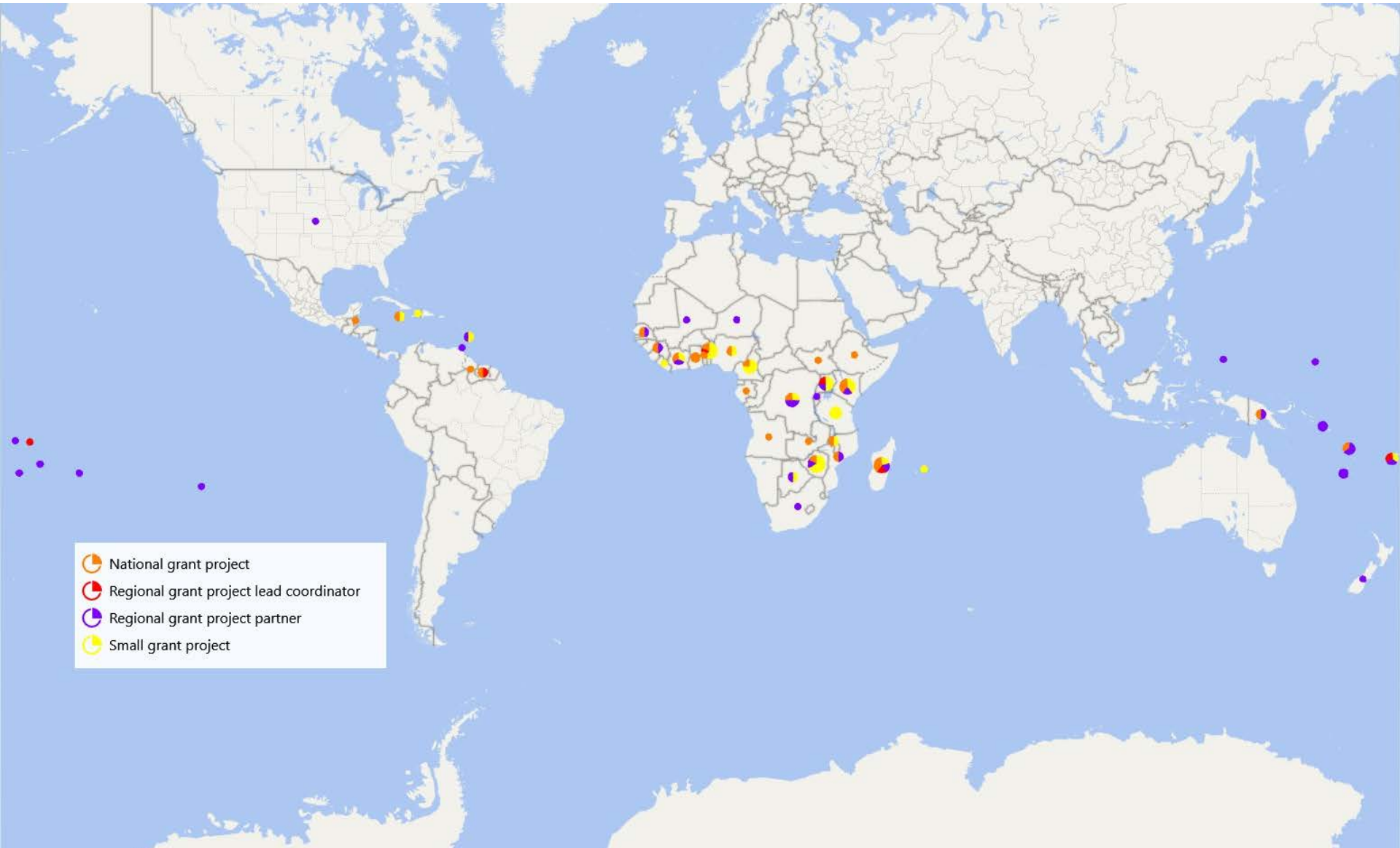


CALLS | AFRICA 2017

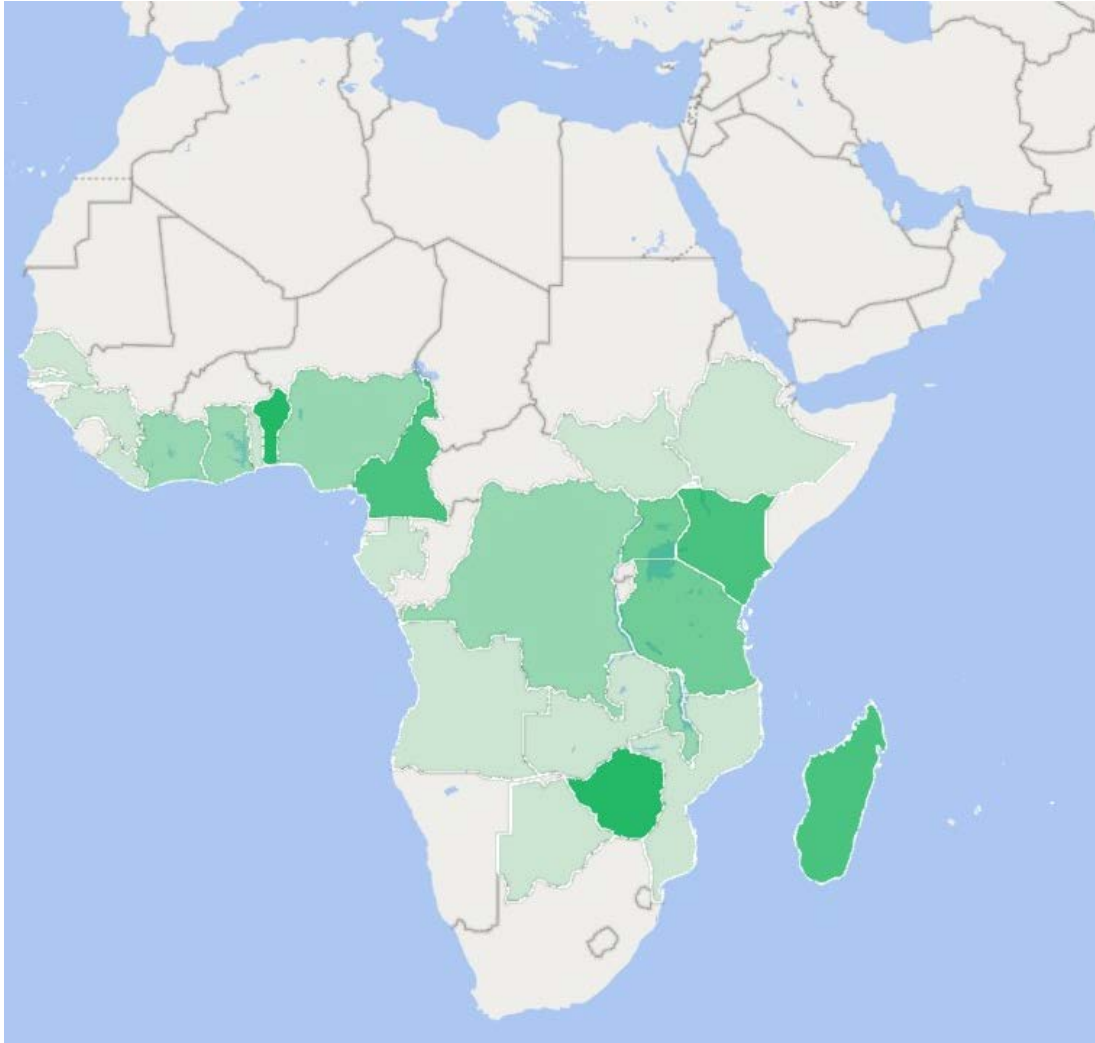
## Call for proposals

*Sub-Saharan Africa, 2017*

# BID FUNDED PROJECTS



# BID IN AFRICA



## Regional grants



## National grants



## Small grants





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**BID**

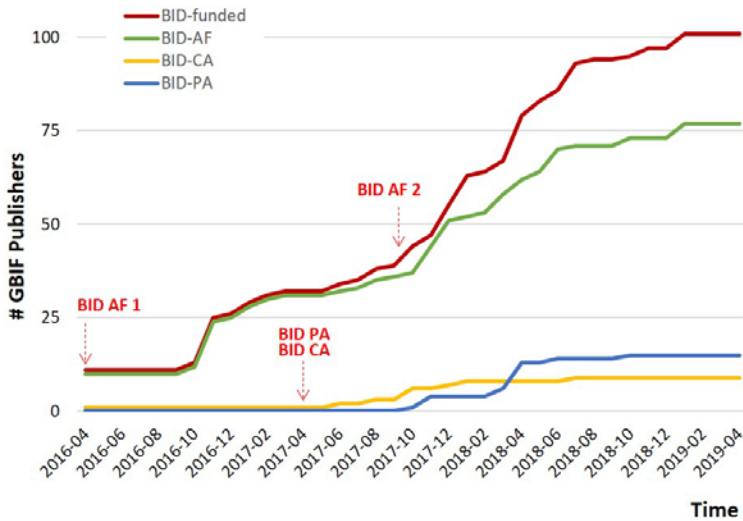


**Impact on Data Mobilization**

**“Enhanced availability of information resources  
and best practice guidance for mobilisation and  
application of biodiversity information for key policy  
needs”**



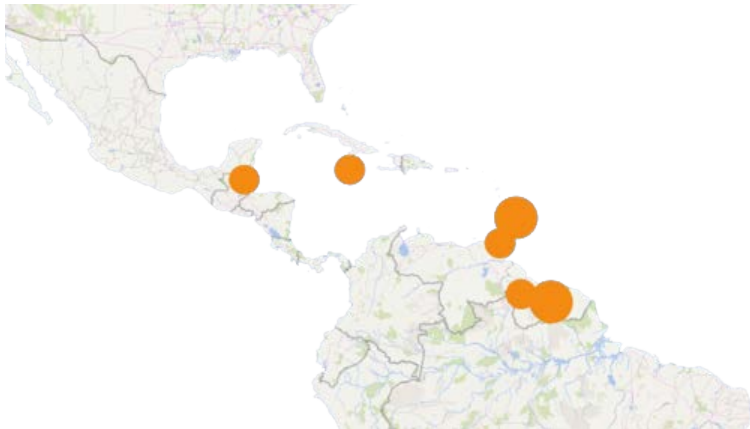
# GBIF PUBLISHERS REGISTERED SINCE 2015



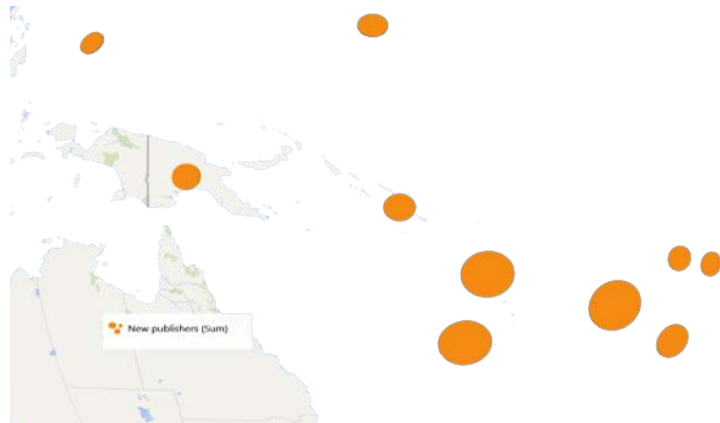
Registration of GBIF Data publishers that have published datasets under BID



Geographic scope of new GBIF data publishers in Africa



Geographic scope of new GBIF data publishers in the Caribbean



Geographic scope of new GBIF data publishers in the Pacific

# DATA MOBILIZATION UNDER BID

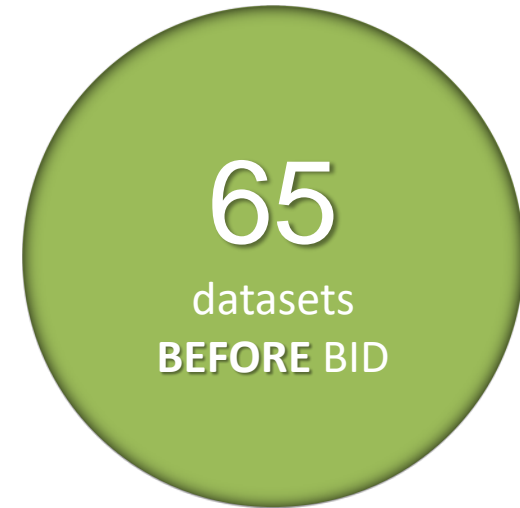


535\* BID datasets

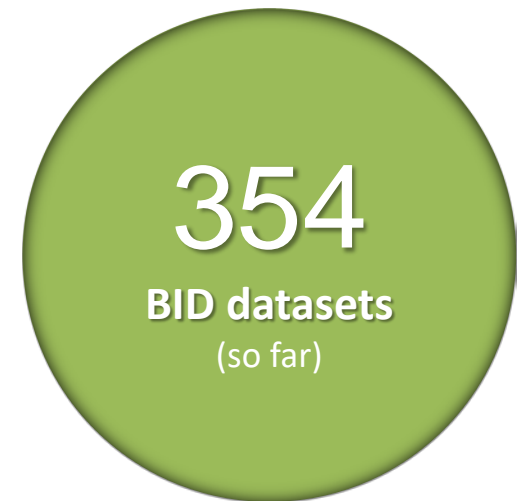
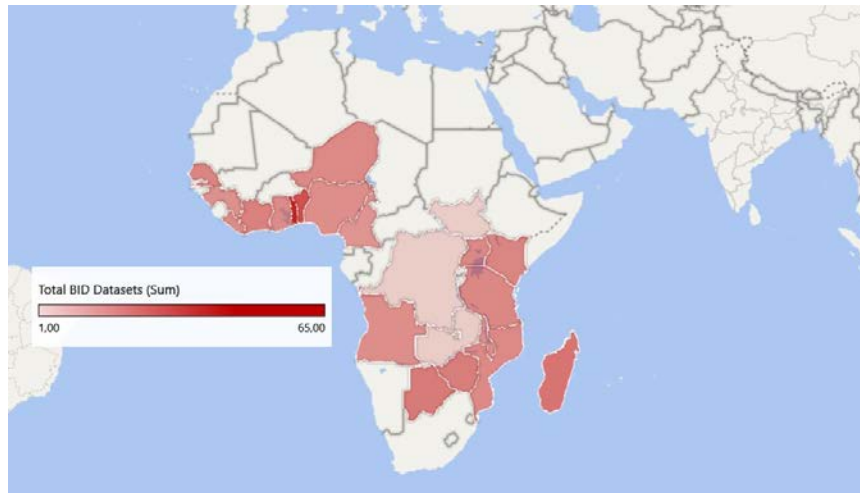
74% are "OCCURRENCE" datasets (specimens and observations)

\* + 1 BID dataset from South Africa, +3 datasets from New Zealand

# FOCUS ON AFRICA



Datasets published by BID target countries **before** BID



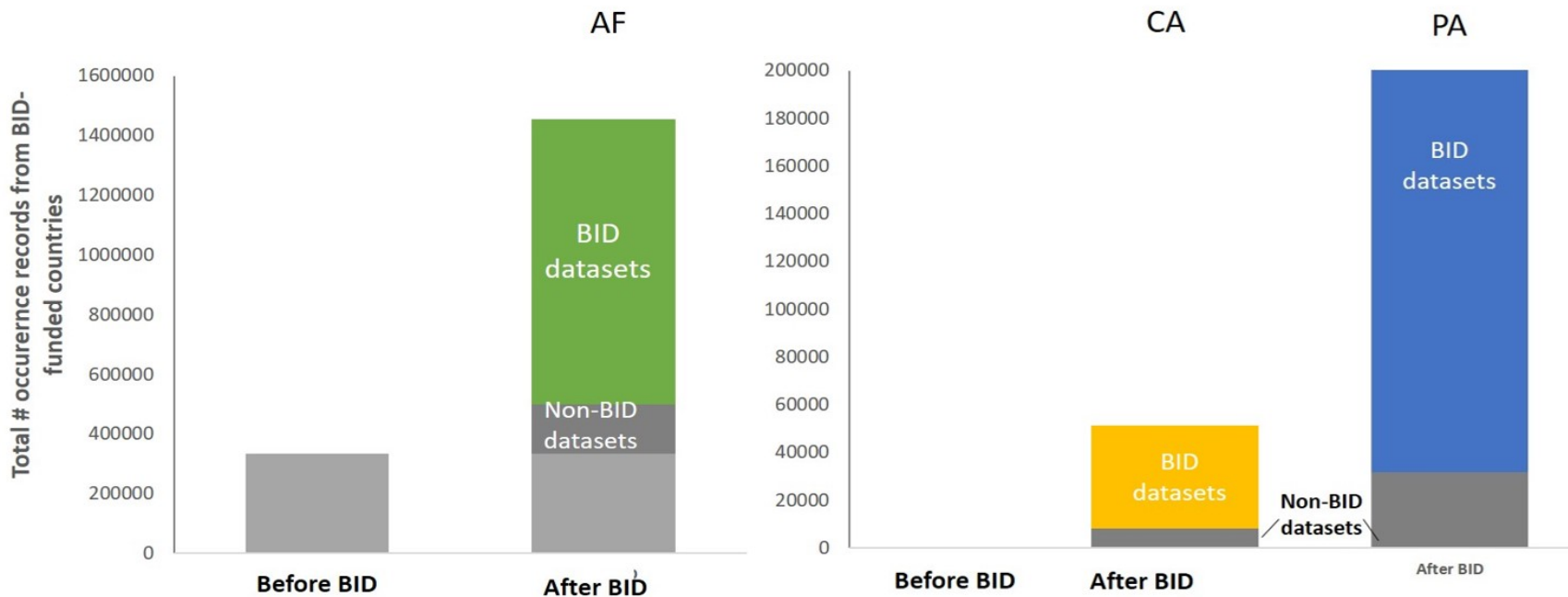
Datasets published under a **BID** project ID so far

# BIODIVERSITY DATA RECORDS

Dataset type		Occurrence			Checklist			Sampling-event		
Region		Before BID	from BID datasets	After BID	Before BID	from BID datasets	After BID	Before BID	from BID dataset	After BID
BID-funded countries	AF	334.9	959.9	<b>1,453.6</b>	2.2	39.6	<b>48.1</b>	0	69.2	<b>89</b>
	CA	0	43.1	<b>51.3</b>	0	2.5	<b>2.5</b>	0	2.1	<b>2.1</b>
	PA	0	180.6	<b>212.1</b>	0	8.4	<b>9.2</b>	0	0	<b>0</b>
	<b>TOTAL</b>	<b>334.9</b>	<b>1,183.6</b>	<b>1,717</b>	<b>2.2</b>	<b>50.5</b>	<b>59.8</b>	<b>0</b>	<b>71.3</b>	<b>91.1</b>

Number of data records (in thousands) published through GBIF in the BID-funded countries, before and after BID

Over 1.1 million occurrence records published within BID datasets  
81% of records published by BID projects in Africa



## In Africa

321% increase of number of occurrence records  
65% shared by BID funded project

\* + 1 BID dataset from South Africa, +3 datasets from New Zealand

# OCCURRENCE RECORDS PUBLISHED BY THE COUNTRIES IN AFRICA

Region	dwc:country / publishing country	Before BID	After BID	BID records	% BID / total after
	<b>BID / same BID</b>	<b>295321</b>	<b>1379387</b>	<b>910421</b>	<b>66</b>
AF	<b>South Sudan</b>	<b>0</b>	<b>61</b>	<b>61</b>	<b>100</b>
	Rwanda	0	343	0	0
	<b>Niger</b>	<b>0</b>	<b>489</b>	<b>489</b>	<b>100</b>
	Mauritius	0	1022	1003	98.1
	<b>Liberia</b>	<b>0</b>	<b>5862</b>	<b>5862</b>	<b>100</b>
	<b>Zambia</b>	<b>0</b>	<b>6072</b>	<b>6072</b>	<b>100</b>
	<b>Senegal</b>	<b>0</b>	<b>6926</b>	<b>6926</b>	<b>100</b>
	Botswana	0	15475	4853	31.4
	Zimbabwe	0	17632	16437	93.2
	<b>Cote d'Ivoire</b>	<b>0</b>	<b>19605</b>	<b>19605</b>	<b>100</b>
	Malawi	0	24841	5753	23.2
	Nigeria	0	39070	25920	66.3
	<b>Angola</b>	<b>0</b>	<b>43530</b>	<b>43530</b>	<b>100</b>
	<b>Gabon</b>	<b>0</b>	<b>57824</b>	<b>57824</b>	<b>100</b>
	Kenya	0	134179	129176	96.3
	<b>Mozambique</b>	<b>0</b>	<b>174235</b>	<b>174235</b>	<b>100</b>
	Rep. Guinea	453	33973	29853	87.9
	Dem. Rep. Congo	2879	7964	4844	60.8
	Tanzania	5053	38916	33302	85.6
	Togo	8547	58973	46548	78.9
	Cameroon	10314	60584	50128	82.7
	Madagascar	19939	60415	39007	64.6
	Uganda	57217	83408	25608	30.7
	Ghana	69174	141686	50480	35.6
Benin	121745	346302	132905	38.4	

For many BID-funded countries all records ever published by that country were published in BID datasets.

# EXAMPLE: MOZAMBIQUE

## Before BID

146,262 occurrence records available

None published by national publishers

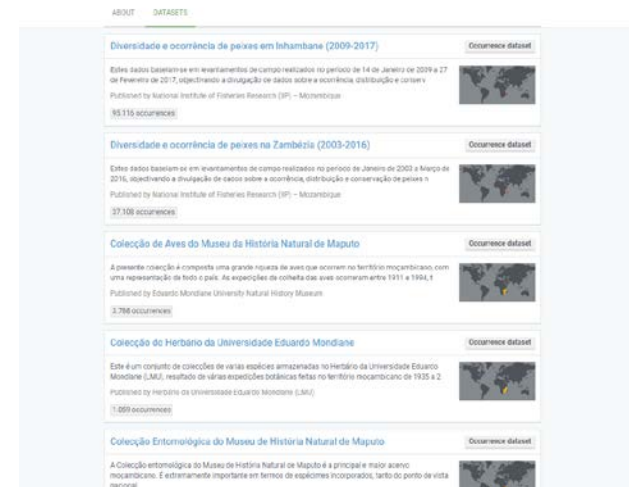
## After BID

433,623 occurrence records available

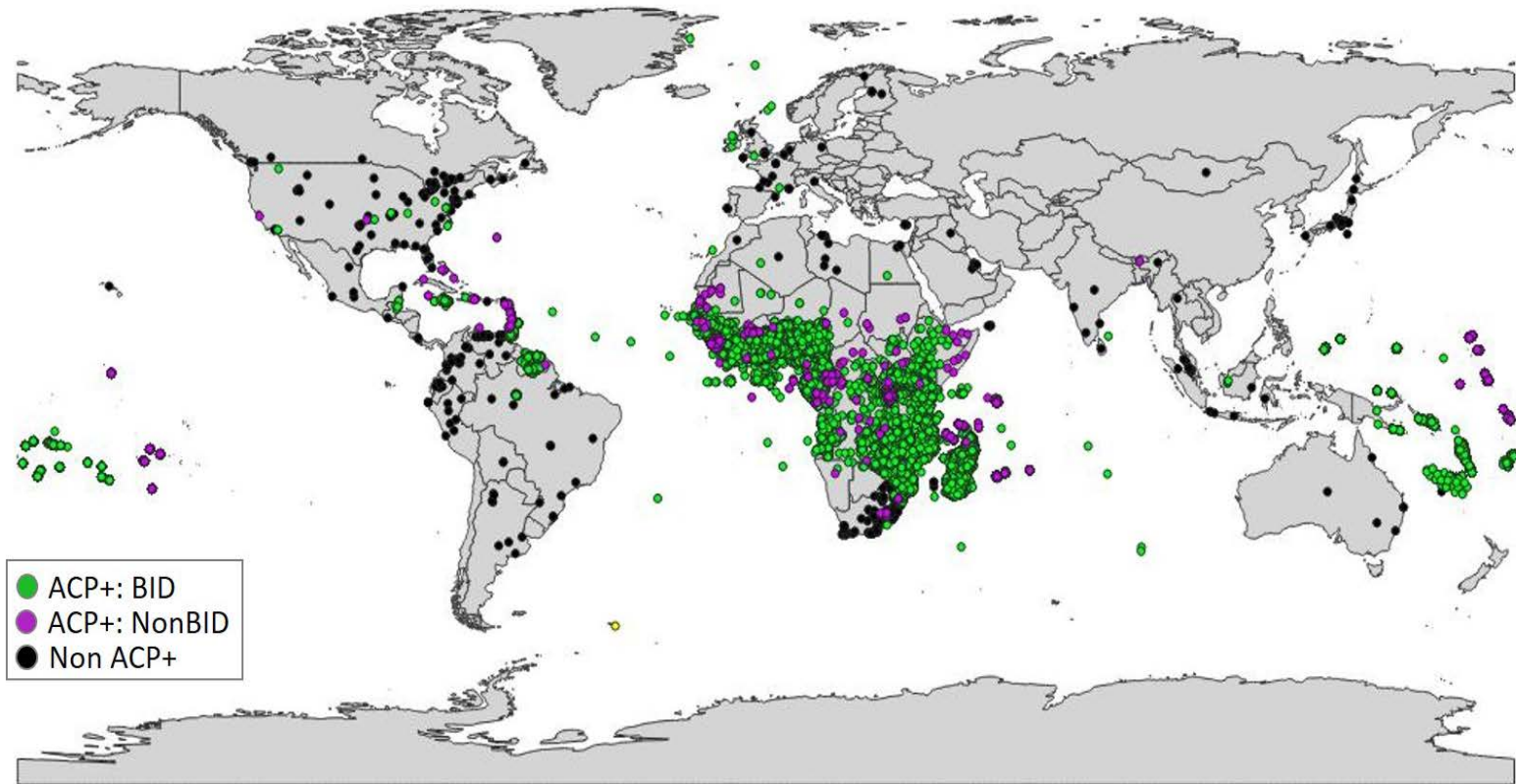
40.2% published by Mozambican data publishers



Mobilizing primary biodiversity data for Mozambican species of conservation concern



# GEOGRAPHIC COVERAGE

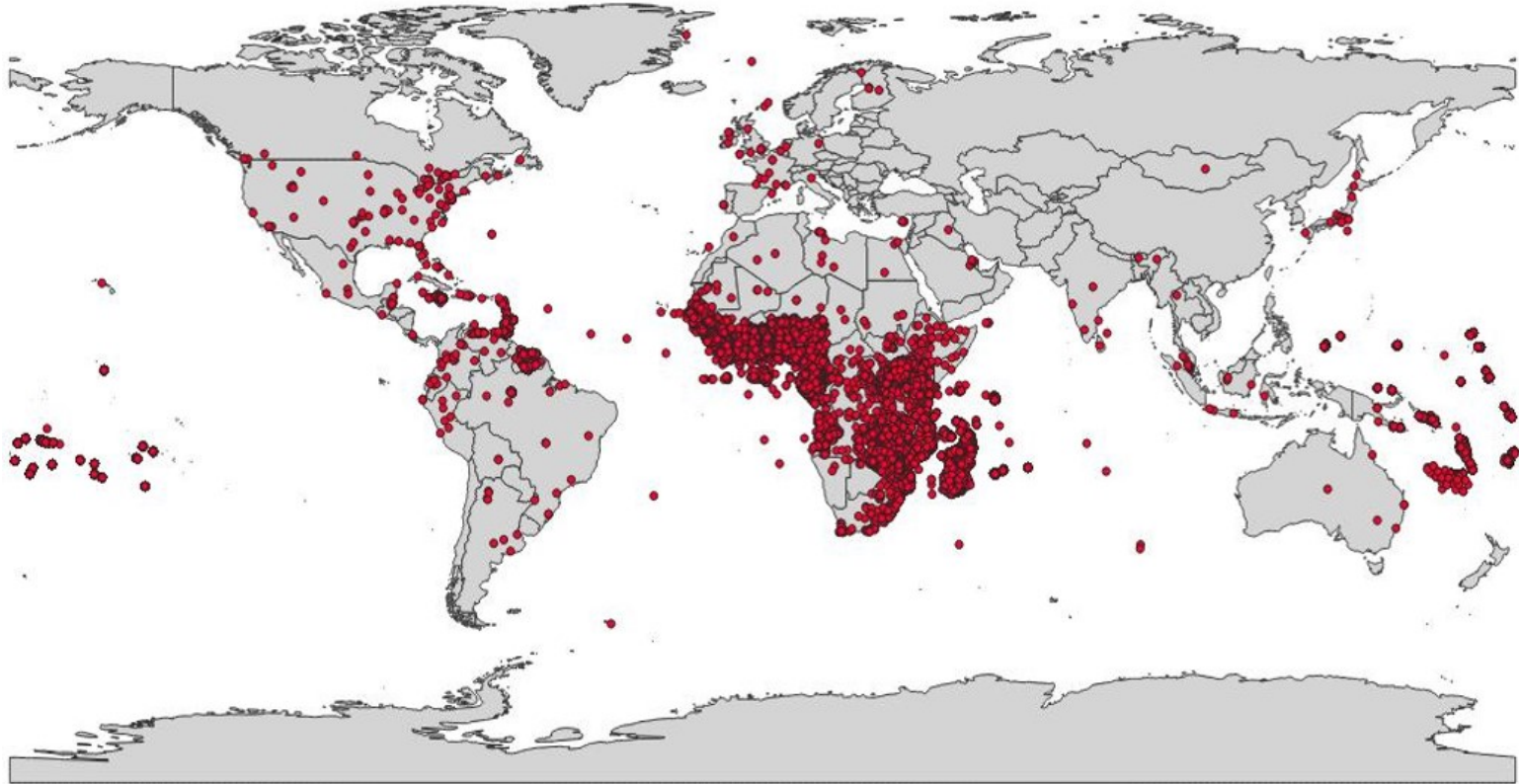


1,058,757 records with coordinates.

Locations determined by combinations of latitude and longitude.



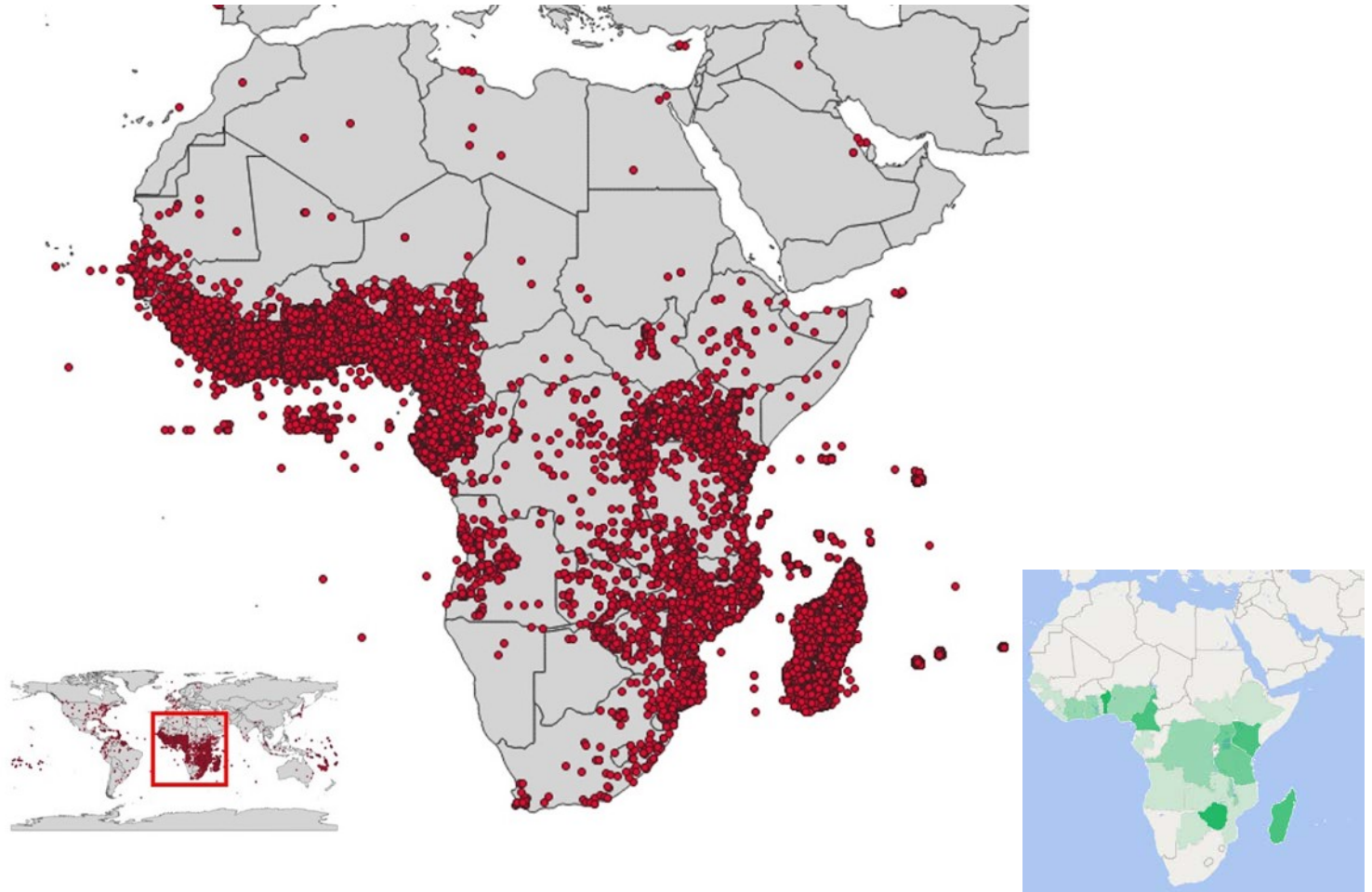
# DISTINCT LOCATIONS NEW TO GBIF



132,359 distinct locations new to GBIF

Locations determined by combinations of latitude and longitude.

# DISTINCT LOCATIONS NEW TO GBIF IN AFRICA



Locations determined by combinations of latitude and longitude.

# TAXONOMIC COVERAGE

# distinct scientific names published by BID			
Kingdom	Already in GBIF for reported country	New to GBIF for reported country	Total
Animalia	19,967	14,203 (41.6%)	34,170
Plantae	38,897	7,252 (15.7%)	46,149
Bacteria	8	29 (78.4%)	37
Fungi	46	87 (65.4%)	133
Chromista	43	108 (71.5%)	151
Viruses	0	2 (100%)	2
Unknown	31	7 (18.4%)	38
<b>Total</b>	<b>58,992</b>	<b>21,688</b>	<b>80,680</b>

2,392 distinct scientific names reported for the first time in GBIF  
80,680 different taxa published through GBIF as a result of BID,  
26,9% of which were recorded in the given country for the first time.

## Raja rouxi Capapé, 1977

Observed in Ghana

Animalia > Chordata > Elasmobranchii > Rajiformes > Rajidae > Raja

## Coffea claessensii Lebrun

Observed in Gabon

Plantae > Tracheophyta > Magnoliopsida > Gentianales > Rubiaceae > Argocoffeopsis

Applied name: *Coffea claessensii* Lebrun

Event ID: DII

Accepted name: *Argocoffeopsis subcordata* (Hiern) Lebrun

Dataset: Ve

Location: Gabon

Publisher: I

## Podaxis indicus (Spreng.) Masee

Collected in Senegal

Fungi > Basidiomycota > Agaricomycetes > Agaricales > Agaricaceae > Podaxis

## Ichneumia albicauda G. Baron Cuvier, 1829

Observed in Benin

Animalia > Chordata > Mammalia > Carnivora > Herpestidae > Herpestes

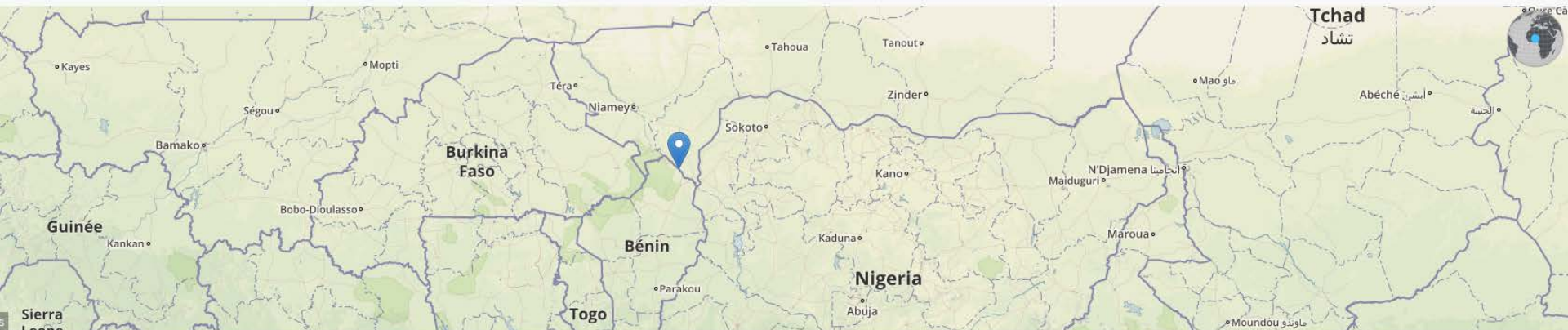
Species: *Ichneumia albicauda* G. Baron Cuvier, 1829

Location: Africa > Benin

Basis of record: Human observation

Dataset: Census of the threatened species of Benin.

Publisher: GBIF Benin



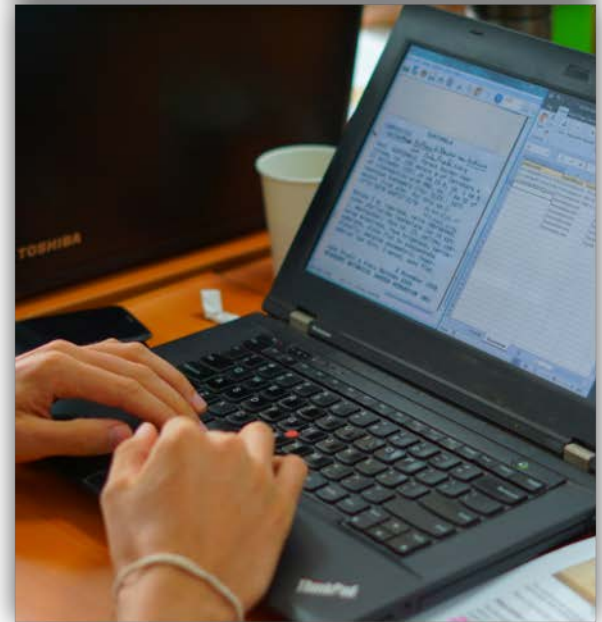
# CONSERVATION RELEVANT DATA

	IUCN threat category	Kingdom	# species	# species new to GBIF
●	CR	Animalia	94	2
		Plantae	44	0
●	EN	Animalia	153	2
		Plantae	188	8
●	VU	Animalia	300	4
		Plantae	410	6

Over 1,100 species with IUCN threat categories  
22 only in BID datasets

# IN BRIEF

- 535 datasets – over 1 million records
- In Africa: 354 datasets – close to 960,000 records
- Close to 2,400 distinct scientific names reported to GBIF for the first time
- Close to 27% of all taxa has occurrence records for a country for the first time
- Over 1,100 occurrence species in IUCN threatened categories – 22 species only in BID datasets



# BREAKOUT SESSION

## Discussions: 30 minutes

- (1) Choose a note taker (use word document)
- (2) Choose a rapporteur
- (3) Discuss the different questions
- (4) Capture key messages on post it

## Plenary: 30 minutes

A selection of groups will have **5 minutes** to:

- (1) Display their post it
- (2) Present their key messages to the whole group

# BID IMPACT ON DATA MOBILIZATION

- (1) In your opinion, what are the main outcome(s) within biodiversity data mobilization achieved by the BID programme?
- (2) In your opinion, what are the remaining gap(s) and need(s) within data mobilization? (e.g. Key collections/Taxonomic groups/Geographic coverage/Type of data/etc.)
- (3) In your opinion, what regional/national priorities should guide future data mobilization efforts in the region?