Improve accessibility of biodiversity data through digitizing and partnerships between the Anton de Kom University of Suriname, ACT Suriname and SNRI/ADRON

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Project plan and deliverables

Data mobilization plan

INSTITUTION	COLLECTIONS	NUMBER OF RECORDS	ACTIVITY	NUMBER OF PERSONS PER INSTITUTION
BBS	Plant collection	37,500	- Capture herbarium sheet images - Digitize data on labels - Provide each specimen with a barcode - Link barcodes with the database	4
NZCS	Invertebrate collection	20,000	- Digitize data on labels - Provide each specimen with a barcode - Link barcodes with the database	3
ACT-S	NTFP plants	1,500	- Digitize data on lianas, palms, medicinal plants - extract data on NTFPs from the NFI forms and digitize them	2
SNRI/ADRON	Weeds	500	- Transfer camera and its emplacement from BBS to SNRI/ADRON - Capture SNRI/ADRON sheet images - Digitize data on labels - Provide each specimen with a barcode - Link barcodes with the database	2

Planned Datasets

ACT-Suriname	BBS	NZCS	SNRI/ADRON
NTFP Plants	Herbarium Plant Collections	Invertebrate collection & IAS	Weeds in Rice Fields

Project efforts and milestones

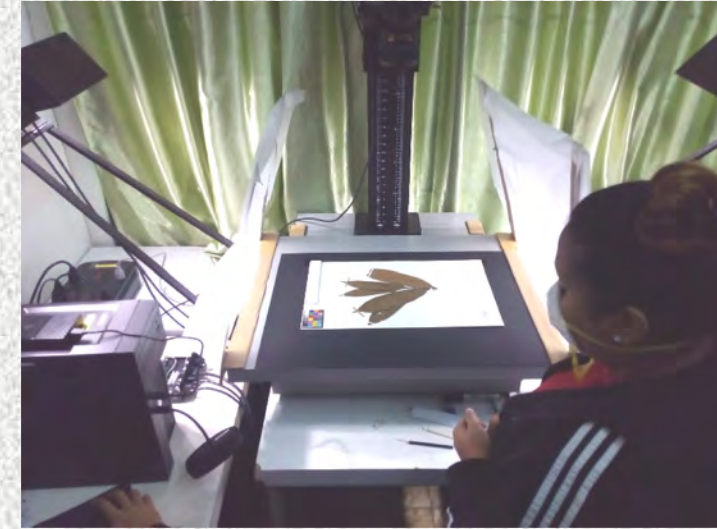- Training in Trinidad 2017
BBS:
- Imaging equipment acquired
- Herbarium collections photographed
- Application for data entry built by Alembo
ACT-S and ADRON:
- Training in collecting and data-entry
General:
- 2 workshops held
- Data hosted by VertNet
- Data published through GBIF

Challenges and points for improvement

HERBARIUM:
- Co-funding workstation Herbarium
- Procurement of equipment caused some schedule delays.
- Testing the work station was very challenging in terms of technical knowledge, time and effort.
- Parts not working adequately in the beginning, caused some schedule delay.
- Quality check Data entry based on images

ACT / SNRI ADRON
- Training partners preparing acceptable data for GBIF
- Engaging communities in sharing data

GENERAL:
- Hosting data and publishing

Promoting the use of biodiversity data to support decision-making

Engaging with local communities
- Meetings in the village Kwamalasamutu
- Guided tour in the Herbarium

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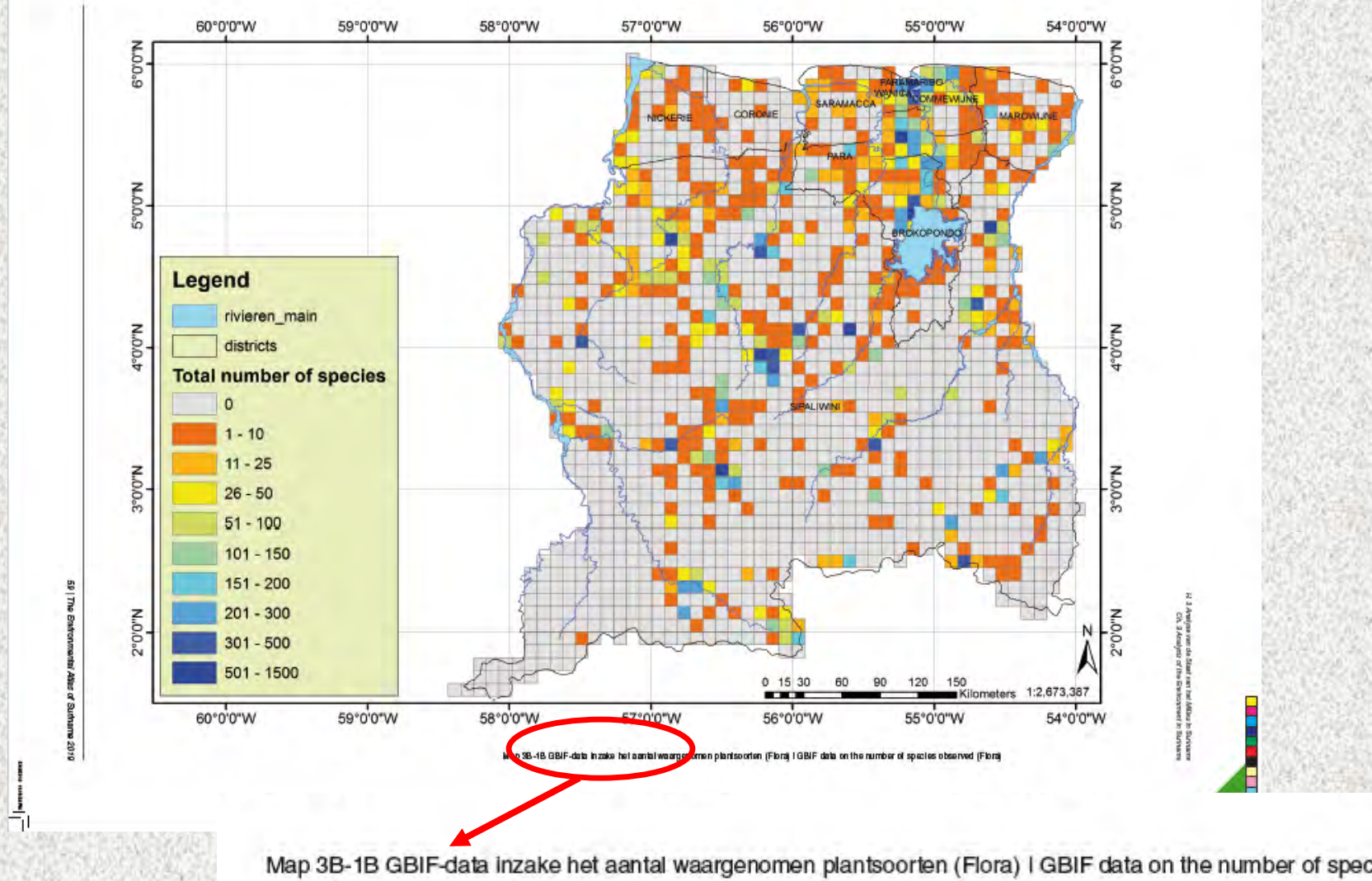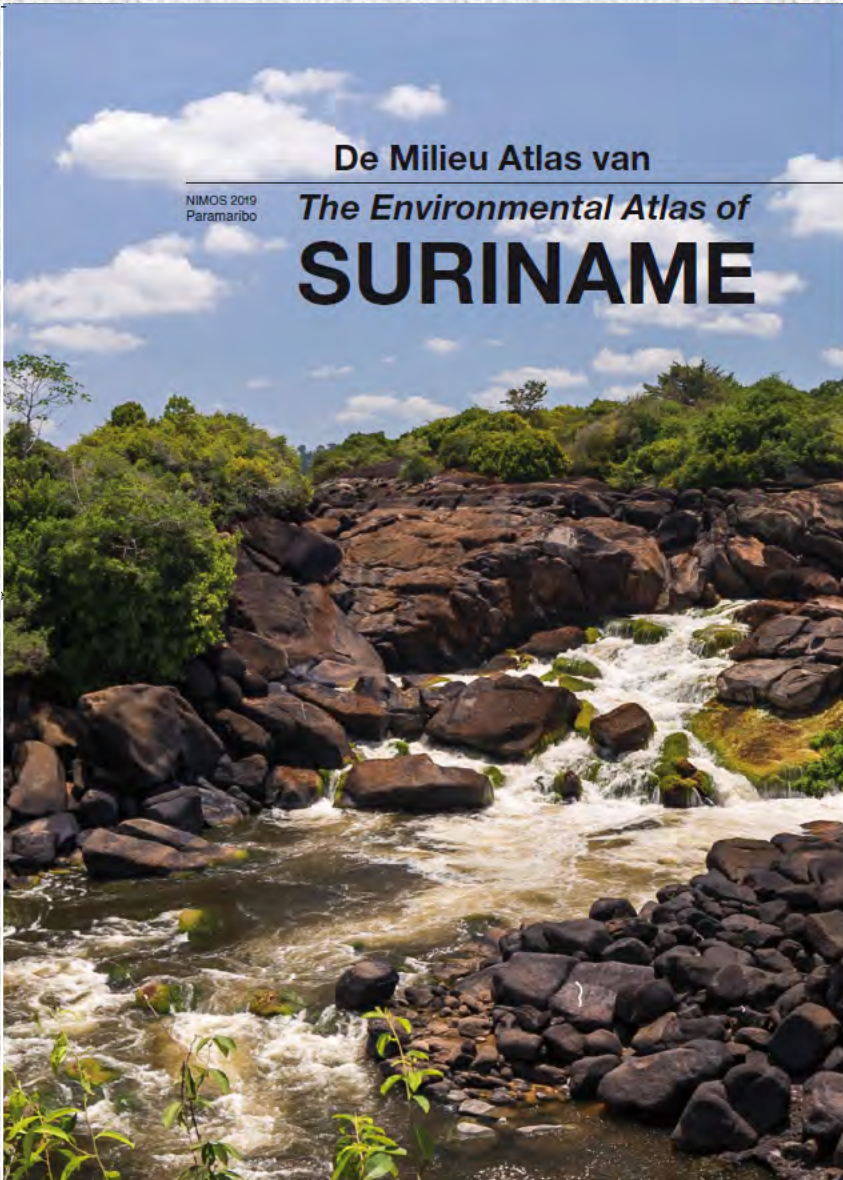Source: https://en.wikipedia.org/wiki/List_of_cities_and_towns_in_Suriname

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Engaging with decision-makers and understanding the needs

National institutions who have requested information in the past years:

- National Institute for Environment and Development in Suriname (NIMOS)
- Foundation for Forest Management and Production Control (SBB)
- General Bureau for Statistics (ABS)
- National Coordination Commission on Plant Genetic Resources (NCCPGR)
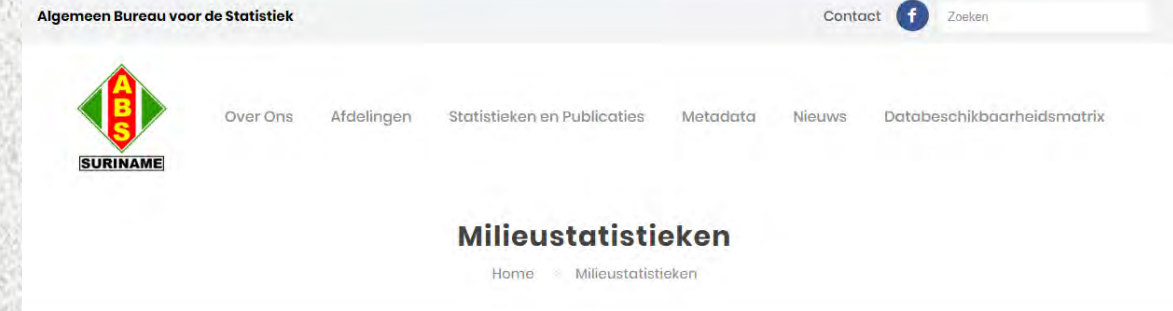- Cabinet of the President of Suriname/Theme Environment

Use of mobilized data

Map 3B-1B GBIF-data inzake het aantal waargenomen plantsoorten (Flora) I GBIF data on the number of speci

Use of mobilized data (continued)

- Environmental Statistics publication (Source: ABS)

https://statistics-suriname.org/milieustatistieken-4/

- Gonini online portal: Landuse Landcover Maps (Source: SBB)

https://www.gonini.org/

- Country Reports e.g. CBD, FAO/Plant Genetic Resources

Project impact and outcomes

Suriname

Convention
Party since: 1996-04-11
By: Ratification

Cartagena Protocol
Party since: 2008-06-25
By: Accession

Nagoya Protocol on Access and Benefit-sharing
Non Party

Nagoya – Kuala Lumpur Supplementary Protocol on Liability and Redress
Non Party

Published data will become valuable in the process of getting the Nagoya Protocol ratified (Source: Donovan Bogor, NIMOS, Personal Communication, November 2018)

Objectives for the future

- Continued partnerships for sustainable data mobilization/data sharing
- Support policy-making with regards to decisions for biodiversity conservation

Gran tangi!!

Thank you!!
Muchas gracias!!
Merci!!