

Mobilization and strengthening of biodiversity data for conservation to support sustainable development in Côte d'Ivoire

Programme: BID

Project ID: BID-AF2020-128-NAC

Project lead organization: Centre National de Floristique

Project implementation period: 1/4/2021 - 31/3/2023

Report approved: 13/6/2023

Final Narrative Report

Executive Summary

The BID-AF2020-128-NAC project started in June 2021 after the first project funds were made available. It consisted of a scoping meeting with all partners involved. Subsequently, the recruitment and training of more than twenty (20) people in good practices of biodiversity data mobilisation. Eight (8) field missions were carried out in 6 localities to meet and explain the project to other partners. This raised awareness among nearly 70 people. Five (5) training workshops were held, bringing together all the biodiversity stakeholders, in particular the representatives of the various universities and research institutions (UFHB, UNA, INHPB, UJLOG, UPGC, UMAN, UAO, CNRA, IPCI). From these different meetings, 15 partnership agreements were signed. The data mobilised made it possible to publish 18 datasets corresponding to 26976 plants and animals occurrence data. This made it possible to strengthen the database of Côte d'Ivoire in various bodies. The various actors have been made aware of the existence of GBIF, its importance and the use of the data on the GBIF portal. Also, articles have been published on the basis of the data from the herbarium of the Centre National de Floristique and the mobilised data. Two data papers are currently being written, one of which has been submitted and is being evaluated. We have also contributed to assist and publish the soil fauna data of the Nangui Abrogoua University team. The Centre National de Floristique collaborated in the framework of the BID-AF2020-040-REG project by making its herbarium data available for the establishment of the African herbaria network.

Progress against milestones

Has your project completed all planned activities?: Yes

Has your project produced all deliverables: Yes

Report on Activities

Summary of the implementation of the project activities

All activities have been done.

Completed activities

Activity: Mission

Description: meeting of data providers on Yamoussoukro
Start Date - End Date: 6/5/2021 - 8/5/2021
Verification Sources: Mission report

Activity: Mission

Description: meeting of mycological data providers in Aboisso
Start Date - End Date: 16/6/2021 - 18/6/2021
Verification Sources: Mission report

Activity: Mission

Description: Meeting of data providers at Dabou
Start Date - End Date: 25/7/2023 - 29/7/2021
Verification Sources: Mission report

Activity: Mission

Description: Meeting other data providers at Dabou
Start Date - End Date: 12/9/2021 - 14/9/2021
Verification Sources: Mission report

Activity: Mission

Description: Meeting of data holders in Soubré
Start Date - End Date: 19/9/2021 - 21/9/2021
Verification Sources: Mission report

Activity: Mission

Description: Meeting of others data holders in Soubré
Start Date - End Date: 24/10/2021 - 26/10/2021
Verification Sources: Mission report

Activity: Mission

Description: Meeting of data holders of the University of Daloa
Start Date - End Date: 2/11/2021 - 4/11/2021
Verification Sources: Mission report

Activity: Mission

Description: Meeting of partners and data holders of University of Korhogo
Start Date - End Date: 21/11/2021 - 23/11/2021
Verification Sources: Mission report

Activity: Kick off-workshop

Description: Workshop with all biodiversity data stakeholders

Start Date - End Date: 7/12/2021 - 7/12/2021

Verification Sources: Workshop report

Activity: IT Purchase

Description: Purchase of computer and printer

Start Date - End Date: 28/7/2021 - 2/12/2021

Verification Sources: Photos

Activity: Data mobilization

Description: Capacity building workshop

Start Date - End Date: 6/9/2021 - 8/9/2021

Verification Sources: Training programme, attendance list, training powerpoint

Activity: Partnership Agreement

Description: Signing of a partnership between the Laboratoire des milieux naturels et conservation de la biodiversité and the CNF for the provision of occurrence data.

Start Date - End Date: 7/12/2021 - 7/12/2021

Verification Sources: Service agreement

Activity: Partnership agreement

Description: Signing of a partnership with the biological sciences laboratories of the Felix Houphouët-Boigny (UFHB), Daloa (UJLOG) and Peleforo Gon Coulibaly (UPGC) universities

Start Date - End Date: 12/7/2022 - 12/7/2022

Verification Sources: Partnership documents

Activity: Data mobilization

Description: Training of biological data providers in good practices for collecting and mobilising biological data and disseminating scientific information through the writing of data papers

Start Date - End Date: 18/7/2022 - 21/7/2022

Verification Sources: Workshop report

Activity: Training of stakeholders

Description: Workshop for decision making and research

Start Date - End Date: 15/9/2022 - 16/9/2022

Verification Sources: Workshop report

Activity: Workshop

Description: Implementation of actor collaboration platform

Start Date - End Date: 20/12/2022 - 21/12/2022

Verification Sources: Workshop report

Activity: Drafting of data paper

Description: Submission of a data paper entitled : Occurrence data of vascular plants in the herbarium collections of the Centre National de Floristique (Côte d'Ivoire). A first evaluation has been done and the redrafted data paper has to be revised for a new submission.

Start Date - End Date: 17/8/2022 - 31/3/2024

Report on Deliverables

Deliverables - Summary

For this project, the planned workshops, capacity building activities, partnership agreements as well as the publications foreseen in the start-up plan were carried out according to the established timetable. In addition, the team members participated in several training and certification events initiated by the donor. These certifications concern the formal engagement and establishing Participant nodes, Ecological niche model and Data processing. A data paper has been submitted and needs to be improved and the other data papers will be submitted shortly.

Deliverables produced by the project

Dataset deliverables

Données complémentaires de spécimens d'herbiers du Centre National de Floristique (CNF), Côte d'Ivoire

Dataset type: Occurrences
Dataset scope: Côte d'Ivoire and Africa
Number of records: 913
Data holder: CNF
Data host institution: CNF
% complete: 100%
Status update: xxxx
DOI: <https://doi.org/10.15468/j2xxzy>
Expected date of publication:

Grands et Petits mammifères de Côte d'Ivoire

Dataset type: Occurrences
Dataset scope: All regions in Côte d'Ivoire
Number of records: 2,418
Data holder: CNF
Data host institution: CNF
% complete: 100%
Status update: XX
DOI: <https://doi.org/10.15468/4xr367>
Expected date of publication:

Occurrence data for two CITES Appendix II species in Côte d'Ivoire

Dataset type: Occurrences
Dataset scope: Côte d'Ivoire
Number of records: 2,539
Data holder: CNF
Data host institution: CNF
% complete: 100%
Status update: XX
DOI: <https://doi.org/10.15468/rwt3x2>
Expected date of publication:

Occurrences d'espèces de poissons des eaux douces, saumâtres et marines de Côte d'Ivoire

Dataset type: Occurrences
Dataset scope: Côte d'Ivoire
Number of records: 1,634
Data holder: CNF
Data host institution: CNF
% complete: 100%
Status update: XX
DOI: <https://doi.org/10.15468/acztxk>
Expected date of publication:

Occurrences d'espèces d'amphibiens de Côte d'Ivoire

Dataset type: Occurrences
Dataset scope: Côte d'Ivoire
Number of records: 1,063
Data holder: CNF
Data host institution: CNF
% complete: 100%
Status update: xx
DOI: <https://doi.org/10.15468/rycqjn>
Expected date of publication:

Données d'occurrence de quelques espèces végétales de conservation de Côte d'Ivoire

Dataset type: Occurrences
Dataset scope: Côte d'Ivoire
Number of records: 3,737
Data holder: CNF
Data host institution: CNF
% complete: 100%
Status update: XX
DOI: <https://doi.org/10.15468/beb6ek>
Expected date of publication:

Données d'occurrence de quelques Phytovirus rencontrés en Côte d'Ivoire

Dataset type: Occurrences
Dataset scope: Côte d'Ivoire
Number of records: 124
Data holder: CNF
Data host institution: CNF
% complete: 100%
Status update: XX
DOI: <https://doi.org/10.15468/vmxgjb>
Expected date of publication:

Données d'occurrence de quelques espèces animales de conservation de Côte d'Ivoire

Dataset type: Occurrences
Dataset scope: Côte d'Ivoire
Number of records: 337
Data holder: CNF
Data host institution: CNF

% complete: 100%
Status update: XX
DOI: <https://doi.org/10.15468/gtn9k8>
Expected date of publication:

Données d'occurrence de quelques mollusques de Côte d'Ivoire

Dataset type: Occurrences
Dataset scope: Côte d'Ivoire
Number of records: 82
Data holder: CNF
Data host institution: CNF
% complete: 100%
Status update: XX
DOI: <https://doi.org/10.15468/nb5dyd>
Expected date of publication:

Données d'occurrence de quelques espèces de la faune du sol de Côte d'Ivoire

Dataset type: Occurrences
Dataset scope: Côte d'Ivoire
Number of records: 693
Data holder: CNF
Data host institution: CNF
% complete: 100%
Status update: XX
DOI: <https://doi.org/10.15468/wzzb82>
Expected date of publication:

Données d'occurrence de quelques crustacés de Côte d'Ivoire

Dataset type: Occurrences
Dataset scope: Côte d'Ivoire
Number of records: 186
Data holder: CNF
Data host institution: CNF
% complete: 100%
Status update: XX
DOI: <https://doi.org/10.15468/4h57yd>
Expected date of publication:

Données d'occurrence de quelques insectes parasites des cultures rencontrées en Côte d'Ivoire

Dataset type: Occurrences
Dataset scope: Côte d'Ivoire
Number of records: 1,398
Data holder: CNF
Data host institution: CNF
% complete: 100%
Status update: XX
DOI: <https://doi.org/10.15468/kuzdca>
Expected date of publication:

Occurrences d'espèces de reptiles collectés en Côte d'Ivoire

Dataset type: Occurrences
Dataset scope: Côte d'Ivoire
Number of records: 589
Data holder: CNF
Data host institution: CNF
% complete: 100%
Status update: XX
DOI: <https://doi.org/10.15468/5n85yj>
Expected date of publication:

Données d'occurrence de quelques insectes de Côte d'Ivoire

Dataset type: Occurrences
Dataset scope: Côte d'Ivoire
Number of records: 1,625
Data holder: CNF
Data host institution: CNF
% complete: 100%
Status update: XX
DOI: <https://doi.org/10.15468/jpasx4>
Expected date of publication:

Données d'occurrence de quelques espèces d'oiseaux en Côte d'Ivoire

Dataset type: Occurrences
Dataset scope: Côte d'Ivoire
Number of records: 4,157
Data holder: CNF
Data host institution: CNF
% complete: 100%
Status update: XX
DOI: <https://doi.org/10.15468/3qxmrt>
Expected date of publication:

Données d'occurrence de quelques champignons parasites de Côte d'Ivoire

Dataset type: Occurrences
Dataset scope: All regions in Côte d'Ivoire
Number of records: 309
Data holder: CNF
Data host institution: CNF
% complete: 100%
Status update: XX
DOI: <https://doi.org/10.15468/7ytb8w>
Expected date of publication:

Données d'occurrence d'algues et divers organismes uni et pluricellulaires des cours d'eaux de Côte d'Ivoire

Dataset type: Occurrences
Dataset scope: Côte d'Ivoire
Number of records: 5,057
Data holder: 5
Data host institution: CNF
% complete: 100%

Status update: New informations
DOI: <https://doi.org/10.15468/4ks4g8>
Expected date of publication:

Données d'occurrence de quelques champignons comestibles de Côte d'Ivoire

Dataset type: Occurrences
Dataset scope: Côte d'Ivoire
Number of records: 115
Data holder: CNF
Data host institution: CNF
% complete: 100%
Status update: New information
DOI: <https://doi.org/10.15468/eurdks>
Expected date of publication:

Other deliverables

Importance socio-culturelle du bois de vène, *Pterocarpus erinaceus* Poir (Fabaceae) une espèce en voie de disparition, du centre nord de la Côte d'Ivoire

Description: Article
% complete: 100%
Status update: xx
Sources of verification: PDF article

Contribution de l'Herbier du Centre National de Floristique de Côte d'Ivoire à la lutte contre les symptômes de la maladie à covid-19: une synthèse bibliographique

Description: Article
% complete: 100%
Status update: New and Original article
Sources of verification: <https://doi.org/10.35759/JAnmPlSci.v51-3>.

Events

Capacity building

Dates: 2021-09-06 - 2021-09-08
Organizing institution: Centre National de Floristique
Country: Côte d'Ivoire
Number of participants: 12
Comments: Capacity building of data collectors
Website or sources of verification: Training Program

Events

Kick-off workshop

Dates: 2021-12-07 - 2021-12-07

Organizing institution: Centre National de Floristique

Country: Côte d'Ivoire

Number of participants: 60

Comments: Meeting with stakeholders

Website or sources of verification: workshop report

Events

Scoping meeting

Dates: 2021-06-04 - 2021-06-04

Organizing institution: Centre National de Floristique

Country: Côte d'Ivoire

Number of participants: 4

Comments: Present the objectives and activities of the project to external stakeholders

Website or sources of verification: powerpoint présentation

Events

Data Mobilization workshop for BID Africa

Dates: 2021-05-18 - 2021-05-21

Organizing institution: BID Coordination team

Country: Danemark

Number of participants: 45

Comments: Capacity building

Website or sources of verification: BID@gbif.org

Events

BID Data processing virtual course

Dates: 2021-11-24 - 2021-11-24

Organizing institution: BID Coordination team

Country: Danemark

Number of participants: 50

Comments: Capacity Building

Website or sources of verification: BID@gbif.org

Events

BID project implementation and reporting

Dates: 2022-01-19 - 2022-05-19

Organizing institution: BID Coordination team

Country: Danemark

Number of participants: 50

Comments: Training

Website or sources of verification: BID@gbif.org

Events

Mission

Dates: 2021-05-06 - 2021-11-23

Organizing institution: Centre National de Floristique

Country: Côte d'Ivoire

Number of participants: 25

Comments: Contacting data providers

Website or sources of verification: Mission report

Events

Data processing

Dates: 2022-11-24 - 2022-11-24

Organizing institution: BID Coordination team

Country: Danemark

Number of participants: 15

Comments: Capacity building

Website or sources of verification: BID@gbif.org

Events

Assessing the conservation status of a species

Dates: 2022-02-17 - 2022-02-17

Organizing institution: BID Coordination team

Country: Danemark

Number of participants: 20

Comments: Capacity building

Website or sources of verification: BID@gbif.org

Events

Ecological Niche Models

Dates: 2022-04-05 - 2022-04-05

Organizing institution: BID Coordination team

Country: Danemark

Number of participants: 20

Comments: Capacity building

Website or sources of verification: BID@gbif.org

Events

Data use club practical sessions: introduction to gbif.org

Dates: 2022-08-17 - 2022-08-17
Organizing institution: BID Coordination team
Country: Danemark
Number of participants: 20
Comments: Capacity building
Website or sources of verification: BID@gbif.org

Events

Bringing data to light

Dates: 2022-11-08 - 2022-11-08
Organizing institution: BID Coordination team
Country: Danemark
Number of participants: 20
Comments: Capacity building
Website or sources of verification: BID@gbif.org

Events

formation rgbif

Dates: 2023-02-08 - 2023-02-08
Organizing institution: BID Coordination team
Country: Danemark
Number of participants: 15
Comments: Capacity building
Website or sources of verification: BID@gbif.org

Events

Virtual peer-learning course

Dates: 2022-11-14 - 2023-01-19
Organizing institution: BID coordination team
Country: Danemark
Number of participants: 20
Comments: Capacity building
Website or sources of verification: BID@gbif.org

Events

Workshop for decision making and research

Dates: 2022-09-15 - 2022-09-16
Organizing institution: Centre National de Floristique
Country: Côte d'Ivoire
Number of participants: 20
Comments: Training of stakeholders
Website or sources of verification: Report

Events

Implementation of actor collaboration platform

Dates: 2022-12-20 - 2022-09-21

Organizing institution: Centre National de Floristique

Country: Côte d'Ivoire

Number of participants: 20

Comments: Platform collaboration

Website or sources of verification: Report

Communications and visibility

The strategy to share the results with stakeholders into decision-making has been to involve and to invite the national structures of the sector in several meetings organized by the team of project. The aim of this collaboration, was to introduce them to the GBIF community on the one hand, and on the other hand to show them the diversity of species (animals and plants) in order to advocate for their conservation. In addition, researchers were trained to write data papers to enable them to increase awareness of their datasets published on the GBIF site. For broader GBIF, the data will be accessible on the GBIF portal in open access and the data papers to be published.

Monitoring and evaluation

Final Evaluation

All project activities were carried out according to the established timetable. The various partners contacted met the team's expectations by contributing by making the data in their possession available. They were also trained through several training sessions in the mobilization of biodiversity data, their cleaning and publication on the GBIF portal. With the fear that the COVID-19 had aroused, finally our project was carried out in the time and chronogram proposed because there is no activity report. During the implementation of the project, the support of the GBIF secretariat was of paramount importance, particularly through the information and training received. Similarly, the coaching provided by the consultant Tsiky Rabetrano helped to boost the project and to remove the obstacles we were often faced with. Through this project, the CNF was able to collect data on other organisms of biodiversity such as animals, insects, fungi and viruses. The secretariat should in future projects maintain consultants to assist in the progress of the projects.

Best Practices and Lessons learned

The methodology of writing of data papers has been one of the strong points of this project.

Post Project activities

Continue to strengthen biodiversity data on neglected organisms in our countries.

Sustainability

Sustainability Plans

This project has enabled stakeholders to become aware of information biases with regard to biodiversity and

therefore encourages them to mobilise data to fill this gap. These data will provide a basis for them to direct their future research.

Impact of COVID-19 pandemic on project implementation

Covid-19 has impacted the project since its inception. Subsequently, with the restrictions imposed and their gradual lifting, the timetable followed its normal course. In the end, COVID-19 had little impact on the execution of our project.

GBIF leads the Biodiversity Information for Development (BID), a programme funded by the European Union. The programme provides supplementary support for activities addressing the needs of regional researchers and policymakers through mobilization and use of biodiversity data.

