

FINAL ACTIVITY REPORT

[Improvement of GBIF Benin portal to facilitate more access and data uses]

Guidelines on how to complete the activity report are included in italics. Please include sources of verification as links or annexes.

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1. Executive summary

Provide a brief explanation of the project and its implementation, the main capacity enhancement objectives achieved, lessons learned and conclusions.

[The emended project was achieved through its updated deliverables. A workshop was organized on 25th September 2018 to train GBIF Benin participants on data and metadata publication as well as on how to register on GBIF site as data publisher. As achievements, a total of 3 metadata and 4705 occurrences data were published on GBIF site. Three new institutions registered as data publishers on GBIF site]

2. Contact information

Provide the name, institutional affiliation, role in the project and contact details of the author(s) of the report.

2.1. Project Coordinator: Institution/network/agency name: Ganglo Cossi Jean, GBIF Node manager. Faculty of Agricultural Sciences. Benin

2.2. Main contact person and role: Ganglo Cossi Jean, GBIF Node manager. Faculty of Agricultural Sciences. Benin

2.3. BID proposal identifier: CESP2017-0004

2.4. Project title: Improvement of GBIF Benin portal to facilitate more access and data uses

3. Project summary

This section should provide readers with a good understanding of the project, from the original plans to the final implementation, highlighting:

- *The capacity needs that instigated the project and how these have changed as a result of the project activities.*

GBIF Benin partners including the new comers are capacited through two workshops. The first one was organized in July by NGOs and the second was organized in September by GBIF Benin

- *The activities that have been completed at the time of writing the report, and those that are ongoing or pending (e.g. longer-term evaluation, follow-up projects/meetings/training events) and your plans for their completion.*
- *How the different partners in the project have contributed to its implementation.*

[The activities planned in the emended project are achieved:

- Potential data holders were trained to enable more data mobilization on GBIF and GBIF Benin sites
- Outreach sessions were organized to present the GBIF network and GBIF Benin to Beninese institutions and stakeholders
- Three new institutions in Benin registered on GBIF site
- New metadata and datasets were published on the GBIF and GBIF Benin websites]

3.1. Activities completed

Highlight the activities that have been completed at the time of writing the report. Explain how the different partners in the project have contributed to its implementation.

[In the framework of this project, the following activities have been completed:

Activity 1-Potential data holders are trained to enable more data mobilization on GBIF and GBIF Benin sites

With respect to that activity, on 25th September a workshop was organized to train GBIF Benin partners on data and metadata mobilization and publication on GBIF and GBIF Benin sites, **see report 1**]

Activity 2-Outreach session is organized to present the GBIF network and GBIF Benin to Beninese institutions and stakeholders.

This was achieved in two steps, first, on 13th July, one of our partner, CREDI ONG, invited the team of GBIF Benin to one of its workshop. The participants were representatives of NGOs. We then presented GBIF and GBIF Benin and encouraged the participants to become more visible in publishing data and metadata and, in registering as data publishers on GBIF and GBIF Benin sites. On 25th September, during a workshop organized by GBIF Benin, partners including representatives of NGOs were invited and were also encouraged to become more visible in publishing data and metadata on GBIF and GBIF Benin sites (**see report 1**)

Activity 3-Increase in the number of new GBIF-registered institutions in Benin

We are happy to announce that three new institutions registered as new data publishers on GBIF site. They are:

1- Le Centre National de Gestion des Réserves de Faune (CENAGREF)

<https://www.gbif.org/publisher/979d1285-e8ac-4731-9403-297ea0b99149>

2- L'Hôpital de Mènonatin

<https://www.gbif.org/publisher/9c5f261f-ea0b-4fcd-a57a-b531bdb5df0f>

3- Organisation pour le Développement Durable et la Biodiversité (ODDB)

<https://www.gbif.org/publisher/ea42e2af-16c0-437f-a00b-f522cda8e295>

Activity 4-New metadata and datasets are published on the GBIF and GBIF Benin websites at the end of the mentoring

In the framework of that activity, three metadata and two datasets were published on GBIF sites

The metadata published are the following:

1- Inventaire et dénombrement des oiseaux du Parc Naturel Communautaire de la Vallée du Sitatunga (Sud Bénin)

<https://www.gbif.org/dataset/3194e21c-447a-410d-bb09-31398482de1f>

2- List of plant species of forest formation in Benin

<https://www.gbif.org/dataset/d882e391-10f9-43f6-b0f9-29636396ba9e>

3- Inventory of plant species produced in CERF nurseries

<https://www.gbif.org/dataset/f7598557-adb5-4827-9c28-8025da802dc4>

The datasets published with a total of 4705 occurrence date are the following:

1- Census of plant species in forest gaps in the natural forest of Massi (Lama Forest reserve, South-Benin)

<https://www.gbif.org/dataset/8918ab8e-2534-4a3f-8469-67407dd166c8>

2- Distribution de quelques espèces végétales du Bénin

<https://www.gbif.org/dataset/0d2e2847-e125-4a3b-b4a7-a2a199919b44>

3.2. Post-project activities

Highlight post-project activities if any (e.g. longer-term evaluation, follow-up projects/meetings/training events) and your plans for their completion.

[GBIF Benin is an everlasting institution with many activities. Since 2010, we regularly organize at least 2 workshops per year, to train partners including the new comers. We will continue this and train participants to the workshops so that to enable more datasets and metadata publications. In-depth training to enable relevant data uses to inform decisions on biodiversity conservation is taking place in the master program of biodiversity informatics at the Faculty of Agricultural sciences of the University of Abomey-Calavi, Benin]

4. Project objectives

A list of the objectives included in your original project proposal, and a description of how your project activities contributed to meeting them. . Also include any additional objectives that were defined during the implementation of the project.

[The project objectives are derived from the updates of the deliverables as follows:

1. Train potential data holders to enable more data mobilization on GBIF and GBIF Benin sites

In order to achieve that objective, on 25th September a workshop was organized to train GBIF Benin partners on data and metadata mobilization and publication on GBIF and GBIF Benin sites, **see report 1]**

2. Organize outreach session to present the GBIF network and GBIF Benin to Beninese institutions and stakeholders.

This was achieved in two steps, first, on 13th July, one of our partner, CREDI ONG, invited the team of GBIF Benin to one of its workshop. The participants were representatives of NGO. We then presented GBIF and GBIF Benin and encouraged the participants to become more visible in publishing data and metadata, and in registering as data publishers on GBIF and GBIF Benin sites. On 25th September, during a workshop organized by GBIF Benin, partners including representatives of NGO were invited and were also encouraged to become more visible in publishing data and metadata, and in registering as data publishers on GBIF and GBIF Benin sites (**see report 1)**

3. Increase the number of new GBIF-registered institutions in Benin.

Three new institutions registered as new data publishers on GBIF site. They are:

a- Le Centre National de Gestion des Réserves de Faune (CENAGREF)

<https://www.gbif.org/publisher/979d1285-e8ac-4731-9403-297ea0b99149>

b- L'Hôpital de Mènontin

<https://www.gbif.org/publisher/9c5f261f-ea0b-4fcd-a57a-b531bdb5df0f>

c- Organisation pour le Développement Durable et la Biodiversité (ODDB)

<https://www.gbif.org/publisher/ea42e2af-16c0-437f-a00b-f522cda8e295>

4. Publish new metadata and datasets on the GBIF and GBIF Benin websites at the end of the mentoring.

In order to achieve that objective, three metadata and two datasets were published on GBIF sites

The metadata published are the following:

a- Inventaire et dénombrement des oiseaux du Parc Naturel Communautaire de la Vallée du Sitatunga (Sud Bénin)

<https://www.gbif.org/dataset/3194e21c-447a-410d-bb09-31398482de1f>

b- List of plant species of forest formation in Benin

<https://www.gbif.org/dataset/d882e391-10f9-43f6-b0f9-29636396ba9e>

c- Inventory of plant species produced in CERF nurseries

<https://www.gbif.org/dataset/f7598557-adb5-4827-9c28-8025da802dc4>

The datasets published with a total of 4705 occurrence date are the following:

a- Census of plant species in forest gaps in the natural forest of Massi (Lama Forest reserve, South-Benin)

<https://www.gbif.org/dataset/8918ab8e-2534-4a3f-8469-67407dd166c8>

b- Distribution de quelques espèces végétales du Bénin

<https://www.gbif.org/dataset/0d2e2847-e125-4a3b-b4a7-a2a199919b44>

5. Project deliverables

The original list of deliverables from your project proposal, including a description of the final deliverables produced. Make sure to include sources of verification for each of the deliverables, such as details of data mobilized through the project including DOIs to published datasets, and/or links to re-usable information resources or tools. Alternatively, the deliverables can be attached to the report as an annex.

[As noted, the remaining funds were very limited. However, we could achieve the following adapted deliverables:

1. Potential data holders are trained to enable more data mobilization on GBIF and GBIF Benin sites

In order to achieve that deliverable, on 25th September a workshop was organized to train GBIF Benin partners on data and metadata mobilization and publication on GBIF and GBIF Benin sites, **see report 1]**

2. Outreach session is organized to present the GBIF network and GBIF Benin to Beninese institutions and stakeholders.

This was achieved in two steps, first, on 13th July, one of our partner, CREDI ONG, invited the team of GBIF Benin to one of its workshop. The participants were representatives of NGO. We then presented GBIF and GBIF Benin and encouraged the participants to become more visible in publishing data and metadata on GBIF and GBIF Benin sites. On 25th September, during a workshop organized by GBIF Benin, partners including representatives of NGO were invited and were also encouraged to become more visible in publishing data and metadata on GBIF and GBIF Benin sites (**see report 1)**

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<https://www.gbif.org/publisher/9c5f261f-ea0b-4fcd-a57a-b531bdb5df0f>

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4. New metadata and datasets are published on the GBIF and GBIF Benin websites at the end of the mentoring

In order to achieve that deliverable, three metadata and two datasets were published on GBIF sites

The metadata published are the following:

a- Inventaire et dénombrement des oiseaux du Parc Naturel Communautaire de la Vallée du Sitatunga (Sud Bénin)

<https://www.gbif.org/dataset/3194e21c-447a-410d-bb09-31398482de1f>

b- List of plant species of forest formation in Benin

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c- Inventory of plant species produced in CERF nurseries

<https://www.gbif.org/dataset/f7598557-adb5-4827-9c28-8025da802dc4>

The datasets published with a total of 4705 occurrence date are the following:

d- Census of plant species in forest gaps in the natural forest of Massi (Lama Forest reserve, South-Benin)

<https://www.gbif.org/dataset/8918ab8e-2534-4a3f-8469-67407dd166c8>

e- Distribution de quelques espèces végétales du Bénin

<https://www.gbif.org/dataset/0d2e2847-e125-4a3b-b4a7-a2a199919b44>

6. Project communications

Report on the way the results of your project have been communicated and shared with the project stakeholders and broader GBIF community . Please also review the page describing your project available from <https://www.gbif.org/programme/82219/capacity-enhancement-support-programme#projects>. Highlight any additional documents, events, news items or links that you would like to add to your page.

[During the workshop of 25 September, the project deliverables were presented to the participants; we went on GBIF site and showed the organization already registered as data publishers. As a result of this, many other institutions decided to register on GBIF site and publish their data. Once the datasets or metadata are published, their links are sent to data holders]

7. Evaluation: lessons learned and best practices

An assessment of the overall outcomes and impacts of your project, including strengths and weaknesses in its implementation and results. If any changes have been made to the project plans please clearly indicate this and the reasons for this. Try to identify your experiences that could help others to design and implement projects more effectively, including the best practices to adopt and the pitfalls to avoid.

[The project was emended from its original version. The deliverables of the emended project are achieved. This enabled more metadata and data publishing on GBIF site. Partners are trained on data mobilization and registering on GBIF site as data publishers. Three metadata were published on GBIF site. The weaknesses are that, the time allocated to achieve the project was too tight]

8. Future plans and sustainability

A description of how the partners involved will build on the results of this project in their future work. This could include future collaborative activities, such as plans to complete any unfinished project activities and how the future impact of the project could be monitored or measured.

[GBIF Benin is an everlasting institution with many activities. Since 2010, we regularly organize at least 2 workshops per year, to train partners including the new comers. We will continue this and train participants to the workshops so that to enable more datasets and metadata publications. The metadata published were achieved in the framework of internships of students in the master program of biodiversity informatics. The datasets will not only be published on GBIF site but also will be treated and analysis so as to inform decisions on the conservations and sustainable uses of the resources of biodiversity. In-depth training to enable relevant data uses to inform decisions on biodiversity conservation is taking place in the master program of biodiversity informatics at the Faculty of Agricultural sciences of the University of Abomey-Calavi, Benin]

9. Signature of the project main contact point

Signed on behalf of the project partners

Date

GANGLO C. Jean

10/10/2018
