

## Capacity Building through Regional Cooperation for Data Mobilization in Belarus, Latvia and Lithuania

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**Programme:** CESP

**Project ID:** CESP2020-015

**Project lead organization:** Scientific and Practical Center of the National Academy of Sciences of Belarus for Bioresources

**Project implementation period:** 1/8/2020 - 31/12/2021

**Report approved:** 3/8/2021

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### Narrative Midterm report

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#### Project partners

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##### University of Warsaw, Faculty of Biology

**Country:** Poland

**GBIF Participant Represented:** GBIF Poland

**Role in the project:** Mentoring and Consultation

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##### Natural History Museum and Botanical Garden University of Tartu

**Country:** Estonia

**GBIF Participant Represented:** GBIF Estonia

**Role in the project:** Mentoring and Consultation

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### Executive Summary

From March 29 to 31, a seminar "The dataset preparation in the Global Biodiversity Information Facility (GBIF)" was held in which 54 people from Lithuania, Latvia, Belarus, Ukraine took part, colleagues from Poland (Petr Tykarski), Estonia (Urmas Kõljalg), Russia (Maxim Shashkov, Natalya Ivanova), the Secretariat GBIF (Dmitry Schigel) were invited as mentors and lecturers. Shows the entire algorithm for creating datasets. Participants of the seminar created test datasets prepared for publication through IPT, which is located in the NPC for Bioresources (<https://www.gbif.org/installation/0ea9e953-d63c-49fb-9026-463133905424>). Their quality and suitability for GBIF registration is currently being evaluated.

Based on the results of the seminar, a training manual was prepared, which is currently being adjusted and edited. Templates of informational bulletins about GBIF Poland, GBIF Belarus have been prepared. An agreement has been concluded with the publishing house for the publication of these materials. The seminar materials will be distributed to participants.

A list of organizations in Belarus, Lithuania and Latvia in which biodiversity research is carried out has been compiled. The participants of the seminar were explained the algorithm for obtaining the status of publishing organizations. During the distribution process, these organizations will be invited to obtain this status.

The list of publications on eukaryotes of Belarus, Latvia and Lithuania is being prepared. Currently, the list includes more than 19,000 publications. The list is being prepared for publication on partner sites and on the developed site [gbif.by](http://gbif.by).

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### Mandatory milestones attached to the midterm report

Mandatory milestones attached to the midterm report:

1. Organizations conducting biodiversity studies listed.
2. Workshop held.

Information on progress against milestones is provided in the activities and deliverables sections.

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### Report on Activities

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#### Activity progress summary

Translation work has been shifted over time due to issues related to the reconciliation of amounts with translators and the scope of translation work, given that it was determined during the project that some of the materials had already been translated into Russian and that the issue of avoiding duplication was being worked out.

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#### Completed activities

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**Activity name: Workshop**

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**Description:** Conducted. Documents and materials for distribution to participants are executed

**Start Date - End Date:** 29/3/2021 - 24/3/2021

**Verification Sources:** <http://biobel.by/ob-organizatsii/vse-novosti/704-mezhdunarodnyj-seminar-podgotovka-naborov-dannykh-v-global-nuyu-bazu-dannykh-po-bioraznoobraziyu-gbif-the-dataset-preparation-in-the-global-biodiversity-information-facility-gbif-29-31-marta-2021-g-g-minsk-belarus>

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**Activity name: Creation of the gbif.by website and supporting the IPT**

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**Description:** IPT is supported in the operational state. The gbif.by site is under development

**Start Date - End Date:** 1/8/2020 - 31/12/2021

**Verification Sources:** <http://80.94.160.207:8080/ipt/>

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**Activity name: A list of organizations conducting biodiversity studies**

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**Description:** A list has been prepared of organizations in Belarus, Latvia and Lithuania that are studying biodiversity, including those that already have the status of a publishing organization and who can obtain it.

**Start Date - End Date:** 1/8/2020 - 31/3/2021

**Verification Sources:** checklist of organizations

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**Report on Deliverables**

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**Deliverables progress summary**

A list of organizations that study biological diversity and may as well potentially act as publishing organizations was compiled. An analysis of the collections existing in the region is also being carried out. A seminar «The dataset preparation in the Global Biodiversity Information Facility (GBIF)» was held (March 29-31). The seminar was attended by 54 people from various organizations of Belarus, Latvia, Lithuania, Poland, Russia, Ukraine and Estonia. The seminar was held online using Zoom. The operation of IPT is maintained (<https://www.gbif.org/installation/0ea9e953-d63c-49fb-9026-463133905424>). This recourse is used to host datasets including ones developed during the seminar. 17 datasets have been prepared by now (14 of them were prepared during the seminar). The translation of gbif.org into Russian has been started taking into account the work that has already been done while developing gbif.ru. The compiling of list of publications on the eukaryotes of Belarus, Latvia and Lithuania is in progress. Currently the list includes more than 15 000 items and is being prepared to be published on the Internet resources of the project partners. The compiling of list of eukaryotes indicated in publications for Belarus, Latvia and Lithuania is in progress. The interface of gbif.by website is being developed and materials for publication are being prepared. Preparations have begun to hold the I International Scientific-Practical Conference «Global Database on Biodiversity. Modern development trends in Belarus, Latvia, Lithuania and Estonia». The conference will be held online on November 16-19, 2021.

**Completed deliverables**

**Title:** Workshop

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**Type:** Training Workshop

**Description:**

**Sources of verification:** <http://biobel.by/ob-organizatsii/vse-novosti/704-mezhdunarodnyj-seminar-podgotovka-naborov-dannykh-v-global-nuyu-bazu-dannykh-po-bioraznoobraziyu-gbif-the-dataset-preparation-in-the-global-biodiversity-information-facility-gbif-29-31-marta-2021-g-g-minsk-belarus>

**Title:** A list of organizations that can become active GBIF data publishers

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**Type:** Documentation

**Description:**

**Sources of verification:** See attached report for information

**Title:** A list of organizations conducting biodiversity research

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**Type:** Documentation

**Description:**

**Sources of verification:** See attached report for information

**Title:** A list of bibliography of Eukaryota of the region

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**Type:** Documentation

**Description:**

**Sources of verification:** The compiling of list of publications on the eukaryotes of

Belarus, Latvia and Lithuania is in progress. Currently the list includes more than 15 000 items and is being prepared to be published on the Internet resources of the project partners.

**Title:** Supplementary materials for GBIF Portal in Russian

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**Type:** Resources

**Description:**

**Sources of verification:** The documents are in preparation. Part is available by link ([https://drive.google.com/drive/u/0/folders/1icqJRVyhRbT4Qtd\\_QRFYct-9YBvz1g38](https://drive.google.com/drive/u/0/folders/1icqJRVyhRbT4Qtd_QRFYct-9YBvz1g38)) and was used during the seminar

**Title:** Education materials about GBIF in Russian

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**Type:** Resources

**Description:**

**Sources of verification:** The documents are in preparation. Part is available by link ([https://drive.google.com/drive/u/0/folders/1icqJRVyhRbT4Qtd\\_QRFYct-9YBvz1g38](https://drive.google.com/drive/u/0/folders/1icqJRVyhRbT4Qtd_QRFYct-9YBvz1g38)) and was used during the seminar

**Title:** A conference about GBIF

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**Type:** Regional Event

**Description:**

**Sources of verification:** Preparations have begun to hold the I International Scientific-Practical Conference «Global Database on Biodiversity. Modern development trends in Belarus, Latvia, Lithuania and Estonia». The conference will be held online on November 16-19, 2021.

**Title:** Information materials, leaflets, handbooks

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**Type:** Resources

**Description:**

**Sources of verification:** The documents are in preparation. Part is available by link ([https://drive.google.com/drive/u/0/folders/1icqJRVyhRbT4Qtd\\_QRFYct-9YBvz1g38](https://drive.google.com/drive/u/0/folders/1icqJRVyhRbT4Qtd_QRFYct-9YBvz1g38)) and was used during the seminar

**Title:** Website gbif.by

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**Type:** Resources

**Description:**

**Sources of verification:** The interface of gbif.by website is being developed and materials for publication are being prepared. The operation of IPT is maintained (<https://www.gbif.org/installation/0ea9e953-d63c-49fb-9026-463133905424>). This recourse is used to host datasets including ones developed during the seminar.

**Title:** A list of specimen collections, including estimated number of specimens and records for GBIF

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**Type:** Documentation

**Description:**

**Sources of verification:** Work in this direction continues

**Title:** A list of existing biodiversity databases and assessment of chances for their connecting with GBIF

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**Type:** Resources

**Description:**

**Sources of verification:** Work in this direction continues

## Events

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### Seminar The dataset preparation in the Global Biodiversity Information Facility (GBIF)

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**Dates:** 2021-03-29 - 2021-03-31

**Organizing institution:** SPC NAS of Belarus for bioresources

**Country:** Belarus

**Number of participants:** 54

**Comments:** The seminar was attended by 54 people from various organizations of Belarus, Latvia, Lithuania, Poland, Russia, Ukraine and Estonia. The seminar was held online using Zoom. More detailed information in the attached file

**Website or sources of verification:** <http://biobel.by/ob-organizatsii/vse-novosti/704-mezhdunarodnyj-seminar-podgotovka-naborov-dannykh-v-global-nuyu-bazu-dannykh-po-bioraznoobraziyu-gbif-the-dataset-preparation-in-the-global-biodiversity-information-facility-gbif-29-31-marta-2021-g-g-minsk->

## **Communications and visibility**

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Invitations to participate in the seminar were sent directly to all interested participants in Belarus, information was transmitted during the Zoological Reading 2021 conference (Grodno), and information was also posted on the website biobel.by. For stakeholders from Lithuania and Latvia, project partners from Vilnius University and Daugavpils University compiled a list of participants and sent them invitations.

## **Monitoring and evaluation**

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### **Monitoring and evaluation findings**

The work is going on as planned, there are some difficulties in preparing a list of publications on the eukaryotes of Lithuania and Latvia, since this work requires the search for additional funding. Work is also being done in this direction. An additional workshop on the preparation of datasets and the adjustment of training materials will be held during the conference

## **Impact of COVID-19 pandemic on project implementation**

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Due to the pandemic situation, all events are held online, which slightly reduces the effectiveness of communication, especially when conducting training events

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The Capacity Support Enhancement Programme (CESP) is funded by GBIF

