



Evakuering av Herbariet i Kherson, Ukraina

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GBIF

Global Biodiversity
Information Facility

RUSSIAN OCCUPATION OF KHERSON (MARCH TO NOVEMBER 2022)

March 2022, Russian occupation of Kherson

November 2022, liberation of Kherson

Still today ongoing shelling of Kherson from Russian army...

Ukrainian cultural heritage remain under significant threat from Russian aggression!





● Kherson

KHERSON



Kherson State University

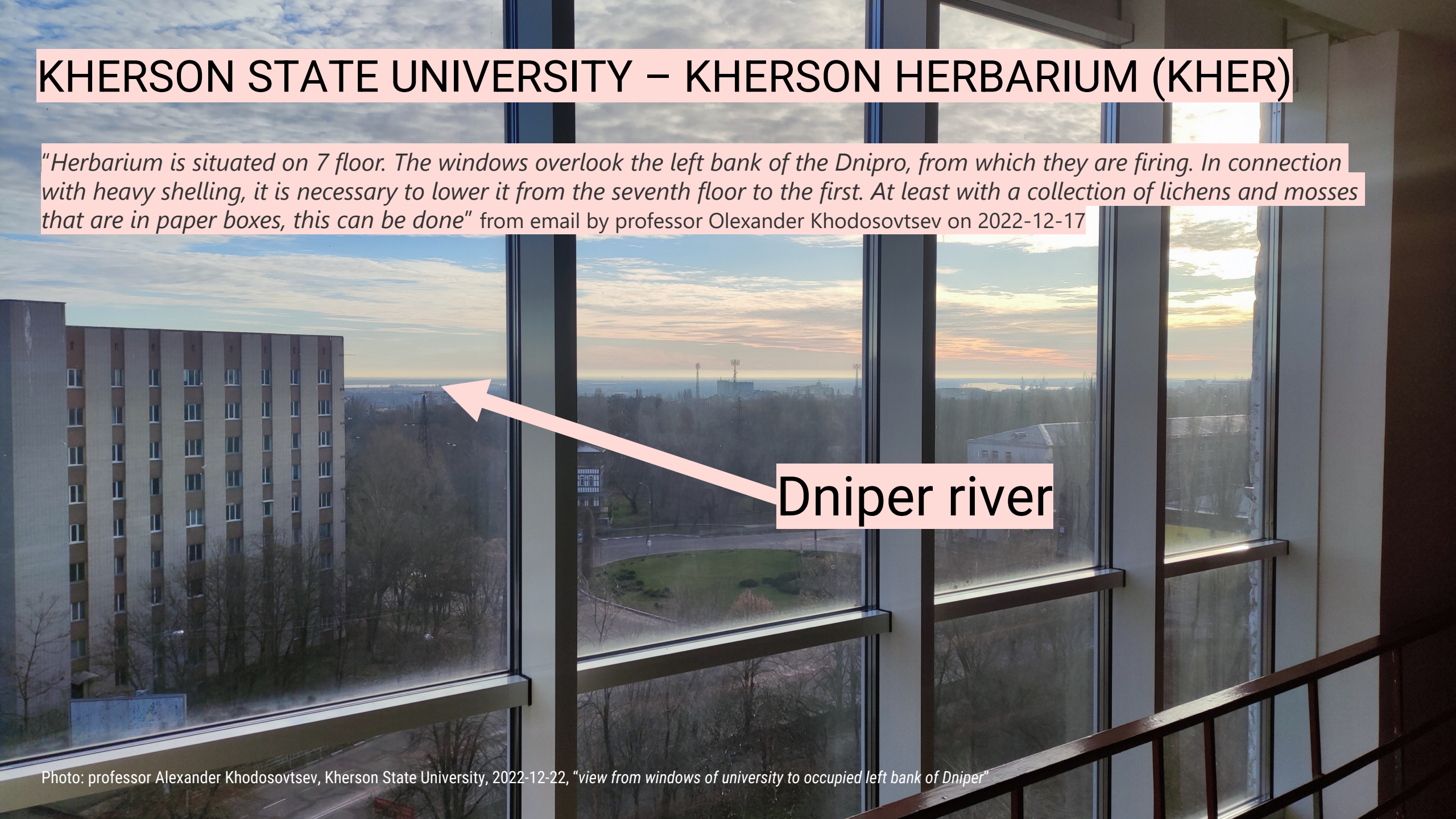
Kherson Nature Museum

Map data from OpenStreetMap, accessed 2023-05-25, Open Database License (ODbL)

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KHERSON STATE UNIVERSITY – KHERSON HERBARIUM (KHER)

"Herbarium is situated on 7 floor. The windows overlook the left bank of the Dnipro, from which they are firing. In connection with heavy shelling, it is necessary to lower it from the seventh floor to the first. At least with a collection of lichens and mosses that are in paper boxes, this can be done" from email by professor Olexander Khodosovtsev on 2022-12-17



Dniper river

Photo: professor Alexander Khodosovtsev, Kherson State University, 2022-12-22, "view from windows of university to occupied left bank of Dniper"

JULAFTEN 24. DESEMBER 2022

"Here are two guys out of five, who helped to lower boxes from the seventh floor to the first floor without an elevator. We started doing it on time. In addition to Russian missiles, there is also humidity, which can also damage specimens. University premises without heating and electricity. Some books in my room have already become wavy."

From email 2022-12-24 by Professor Olexander Khodosovtsev.



Photo Kherson State University, Packing av herbariet desember 2022

KHERSON NATURE MUSEUM

Samme uken som Herbariet i Kherson ble pakket ned – ble også *Kherson Regional Museum of Local Lore* (KHEM) truffet av et russisk missil!!

Kherson Nature Museum har tilsvarende naturhistoriske samlinger (som har blitt delvis evakuert senere i vår).

KHEM herbarium har ca. 22 000 herbariebelegg karplanter, inkludert innsamlinger fra professor Joseph Paczosi.



KHERSON STATE UNIVERSITY - DECEMBER 2022 & JANUARY 2023



"Unfortunately, on New Year's Eve, the university was shelled again. The library, some administrative buildings, and the swimming pool were damaged. Today while working in the herbarium we heard explosions all day long. But we have to hope for the best." From email 2023-01-02 by professor Ivan Moysiienko

Photo: Kherson State University, December 2022 and January 2023 (during the evacuation of the herbarium collection)

PAKKING AV HERBARIET – JANUAR 2023

"Unfortunately, due to the lack of electricity and curfew, the work must be completed by 15.30. Therefore, the work is progressing slowly. But we hope to complete it on January 4. On January 5, we plan to load the truck. And we hope that on January 6 it will go to its destination" email 2023-01-02 from professor Ivan Moysiienko



Professor Alexander Khodosovtsev



Bryophytes curator Natalia Zahorodniuk



Professor Ivan Moysiienko

AVREISE FRA KHERSON

“The truck with the herbarium is moving to Ivano-Frankivsk today. It left at 6 am from Kherson ... explosions were heard all the time. A residential building was shelled today near the university, where a young man was killed. A fire station and other buildings were also destroyed. Therefore, I was once again convinced that we did the right thing by evacuating the herbarium.”

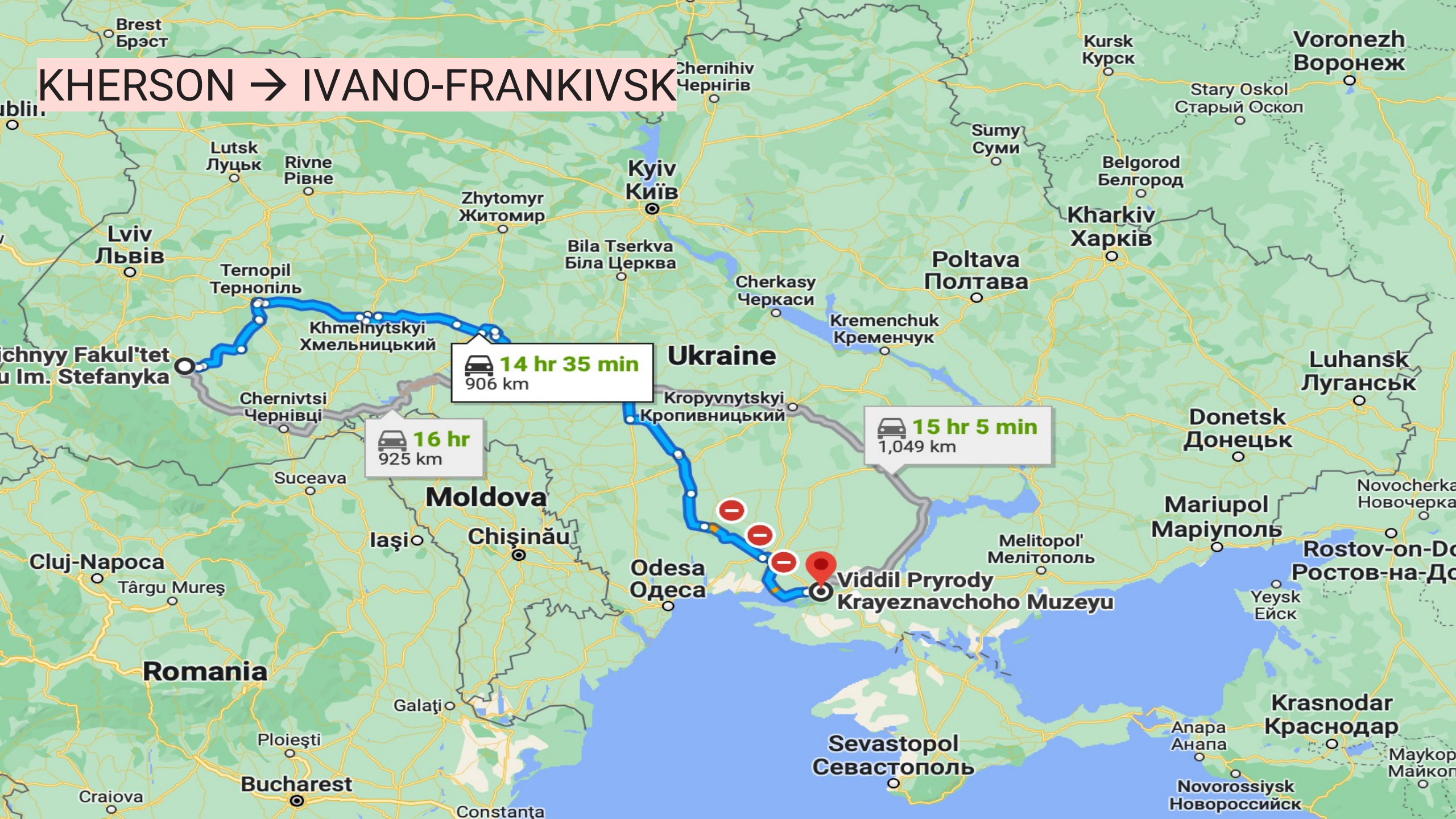
Professor Ivan Moysienko (email 2023-01-05)

NOTE 9

Avreise fra Kherson 2023-01-05 at 06:00 AM



KHERSON → IVANO-FRANKIVSK



IH VASYL STEFANYK PRYCARPATHIAN NATIONAL UNIVERSITY, IVANO-FRANKIVSK



Professor Alexander Khodosovtsev & Associate Professor Oleh Prylutskyi

Kherson Herbarium (KHER) trygt fremme hos Vasyli Stefanyk Precarpathian National University, Ivano-Frankivsk 2023-01-07 – 1000 km nordvest for Kherson

Norway

BioDATA 2018 - 2022



Belarus

Ukraine

Armenia

Tajikistan

PROSJEKT PARTNERE

- University of Oslo (ForBio & GBIF Norway)
 - Armenian National Agrarian University
 - National Academy of Sciences of Belarus
- Academy of Science & Zan va Zamin, Tajikistan
- V.N. Karazin Kharkiv National University, Ukraine
 - GBIF Secretariat, Copenhagen



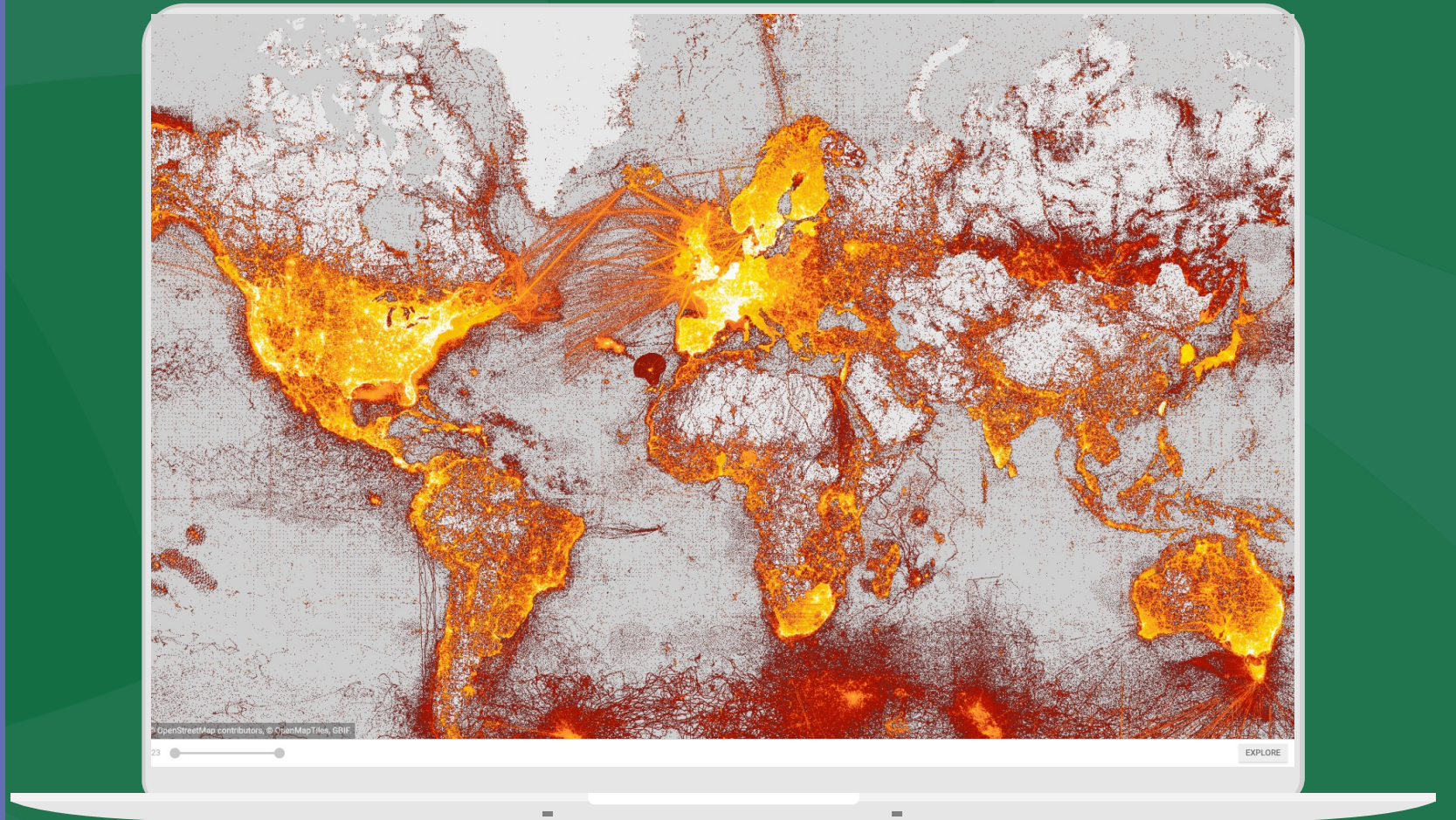
HVA ER GBIF?

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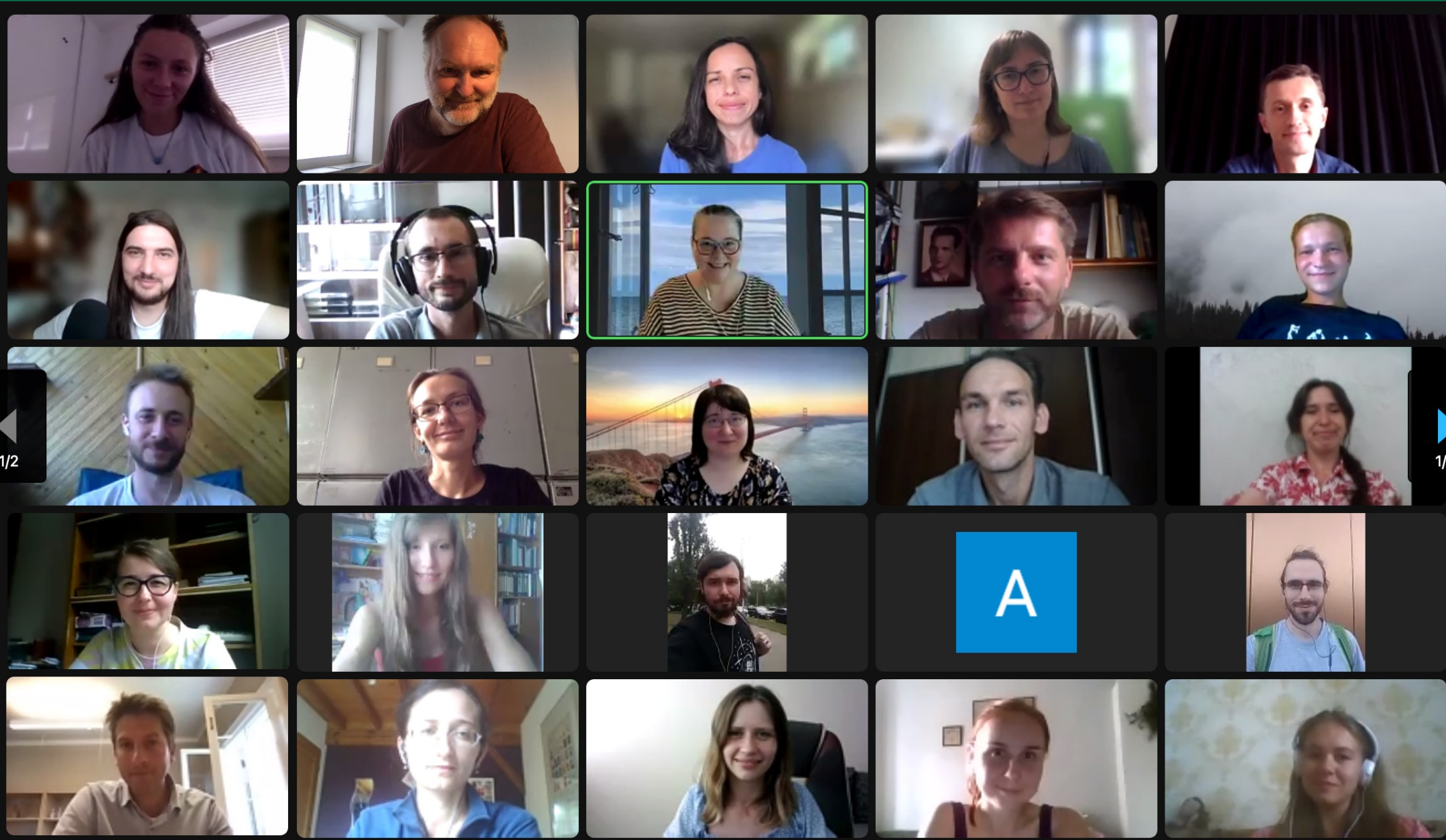
*Train-the-mentors course
Staff from the project partners
Including from Ukraine*



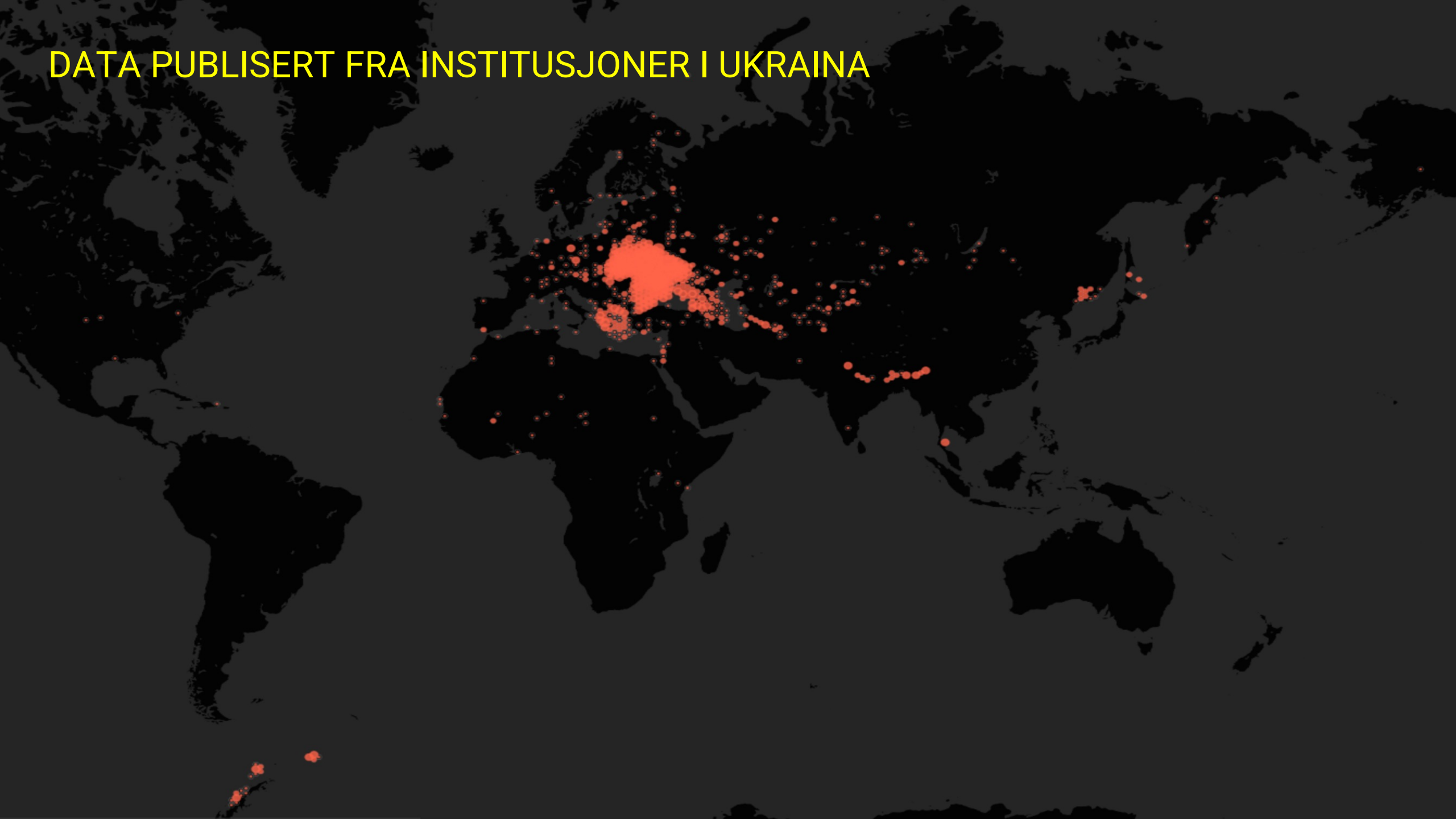
Train-the-mentors| February 2019 | Minsk, Belarus



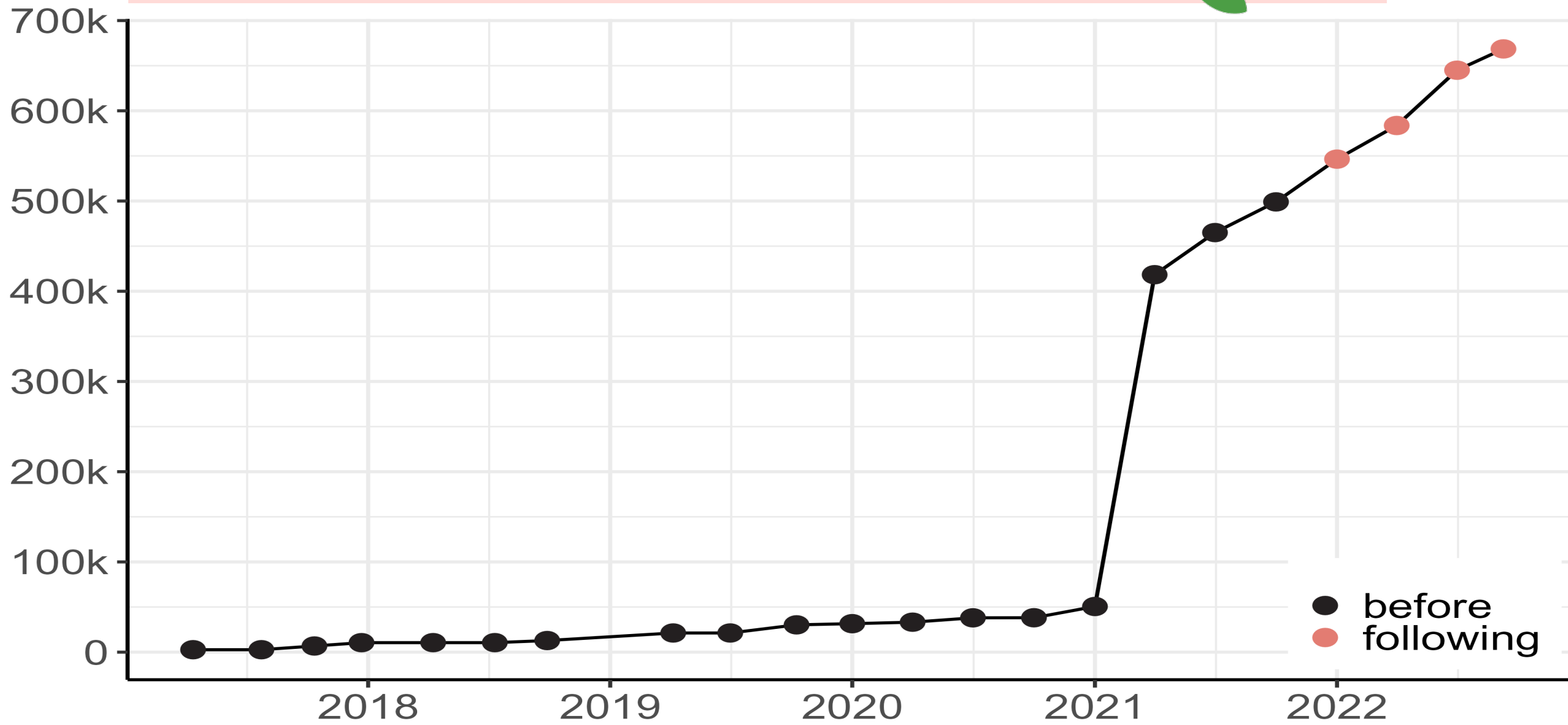
ONLINE COURSE AUGUST 2022 UKRAINE



DATA PUBLISERT FRA INSTITUSJONER I UKRAINA



DATA PUBLISERT ÅPENT FRA UKRAINA I GBIF.



Number of occurrences published by Ukrainian institutions before and following the invasion.

DATA FRA HERBARIET I KHERSON ER PUBLISERT ÅPENT I GBIF

7 659 herbariebelegg digitalisert (så langt)



<https://doi.org/10.15468/7c7xxz>

KERSON HERBARIUM DATASETT

[doi:10.15468/7c7xxz](https://doi.org/10.15468/7c7xxz)

> 31 000 objekter
> 7 659 digitalisert
> 100 typer

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OCCURRENCE DATASET | REGISTERED MAY 2, 2020

Kherson State University herbarium (KHER), Department of Botany

Published by [Kherson State University](#)

 collectors & determiners 16

7,659 OCCURRENCES107 CITATIONS

[DATASET](#)[METRICS](#)[ACTIVITY](#)[DOWNLOAD](#)[HOME PAGE](#)

Herbarium of Kherson State University (KHER) was created in 1945. It has more than 31 000 specimens of vascular plants (12000), lichens and lichenicolous fungi (14000) and mosses (1500). There are more than 100 type specimens of species described from Ukraine. Mainly, it is lichens and lichenicolous fungi.



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7,659
Occurrences

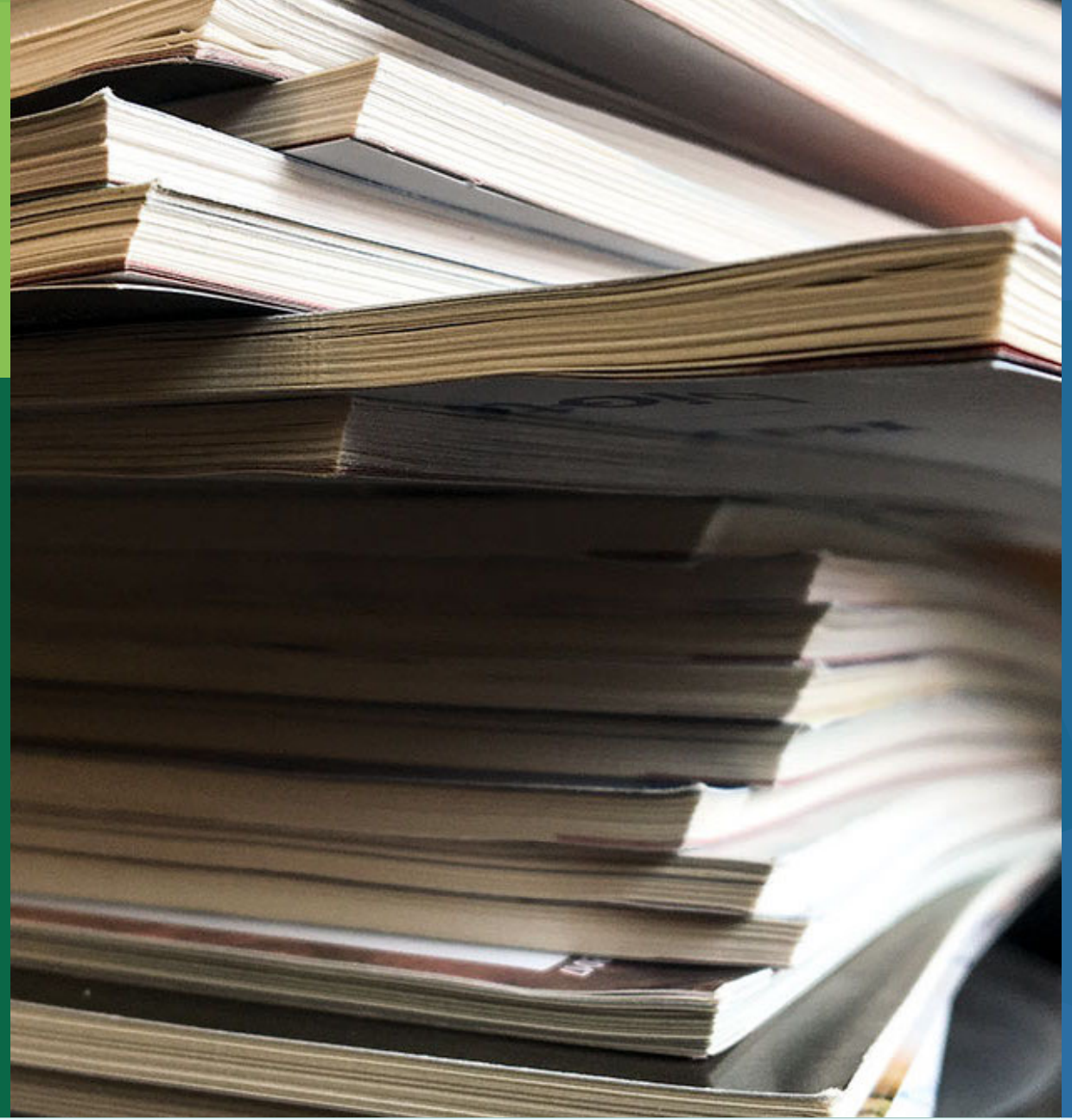
100%
With taxon match

83%
With coordinates

99.6%
With year

KHERSON HERBARIUM DATASETT I GBIF

Dataposter fra herbariet i Kherson er allerede **sitert gjenbrukt av andre forskere** hele 107 publikasjoner, inkludert i **87 forskningsartikler** med fagfelleevaluering og **6 forskningsartikler** med en medforfatter fra Norge.



THANK YOU

Dag Endresen
GBIF Node Manager Norway
Universitetet i Oslo



