



Data Aggregator – Tutorial Session 1 Lesson 2

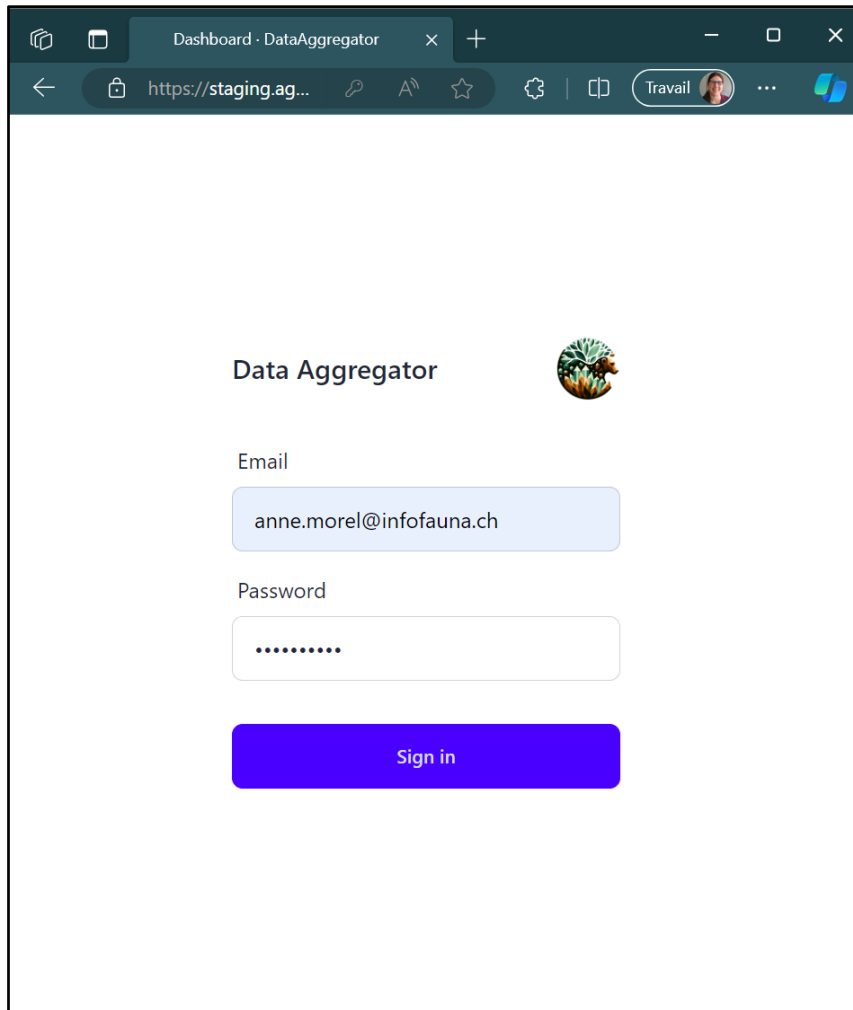
Collections

Dataset upload

Mapping

ZOOM sessions

Access to the Data Aggregator



The screenshot shows a web browser window with the title "Dashboard - DataAggregator". The address bar displays "https://staging.ag...". The page content includes the text "Data Aggregator" next to a circular logo featuring a bee and plants. Below this, there are two input fields: "Email" with the value "anne.morel@infofauna.ch" and "Password" with masked characters ".....". A blue "Sign in" button is positioned at the bottom of the form.

Current URL link to the Data Aggregator

<https://staging.aggregator.scnat.zebra.ch/sign-in>

! Staging URL ≠ Production URL !

To add the first user for your institution

contact-swissnatcoll@infofauna.ch

- Full name
- Email
- Institution

Structure of the Data Aggregator

! Page of one and only one institution !

Home

Collections

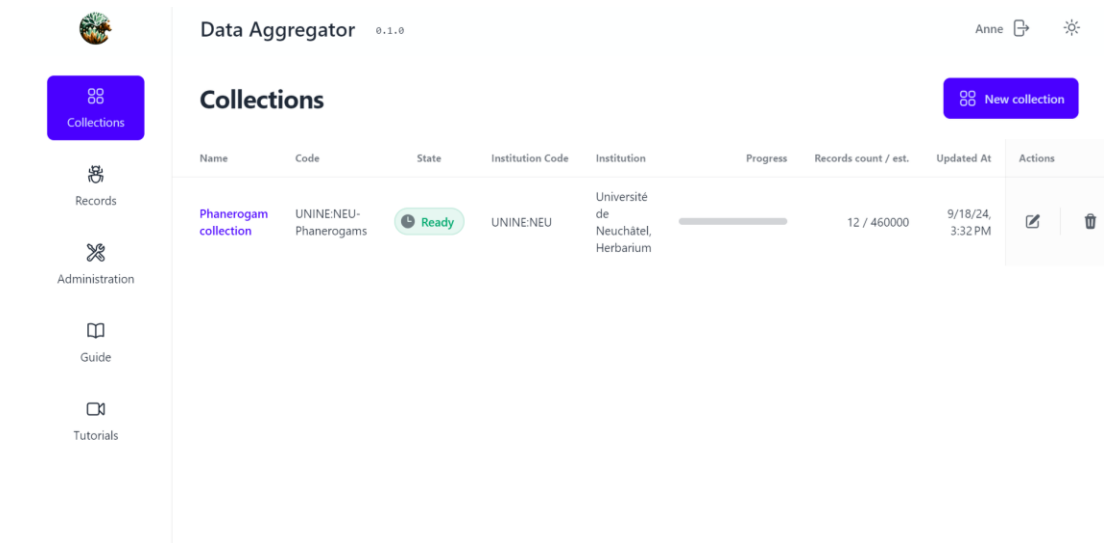
- List of all collections already added on the Aggregator
- State and general overview
- Last update timestamp
- Button to add more collections (source: [GRSciColl \(gbif.org\)](https://grscicoll.gbif.org/))

Records

Administration

Guide ✨ NEW

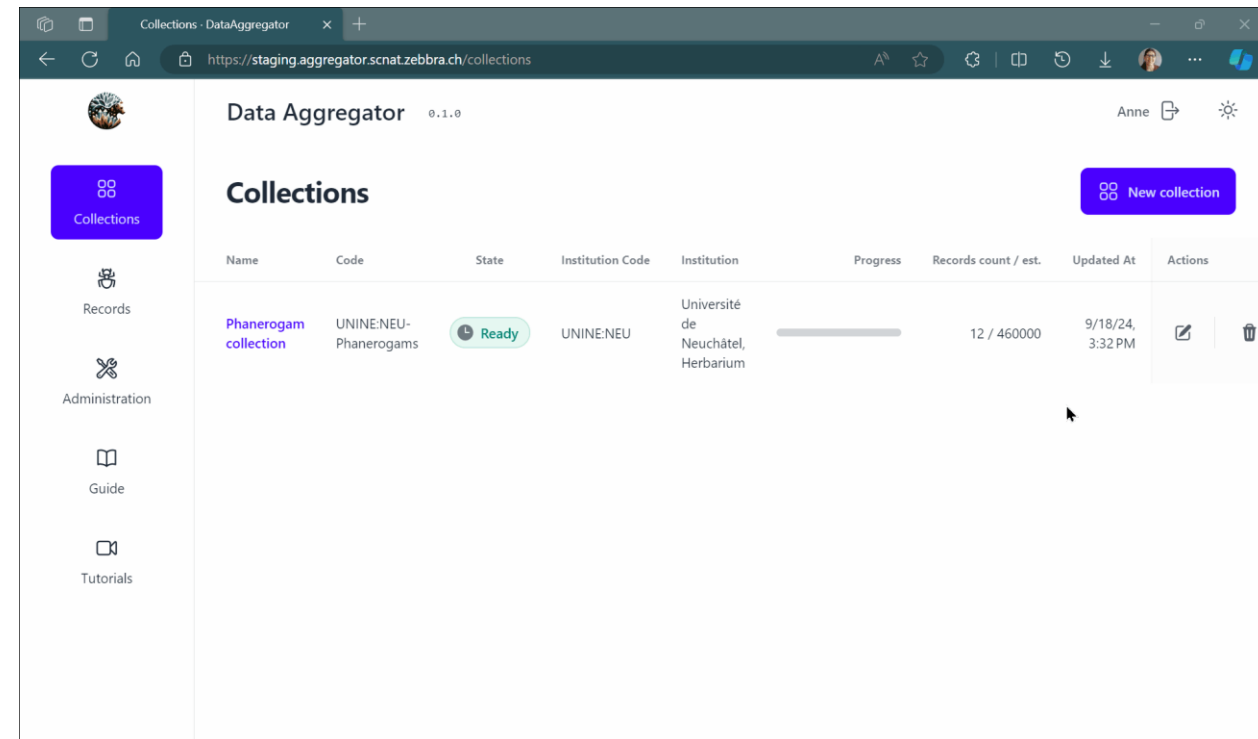
Tutorials ✨ NEW



Name	Code	State	Institution Code	Institution	Progress	Records count / est.	Updated At	Actions
Phanerogam collection	UNINE-NEU-Phanerogams	Ready	UNINE-NEU	Université de Neuchâtel, Herbarium	<div></div>	12 / 460000	9/18/24, 3:32 PM	Edit Delete

Import a new dataset

1. (Add a new collection)

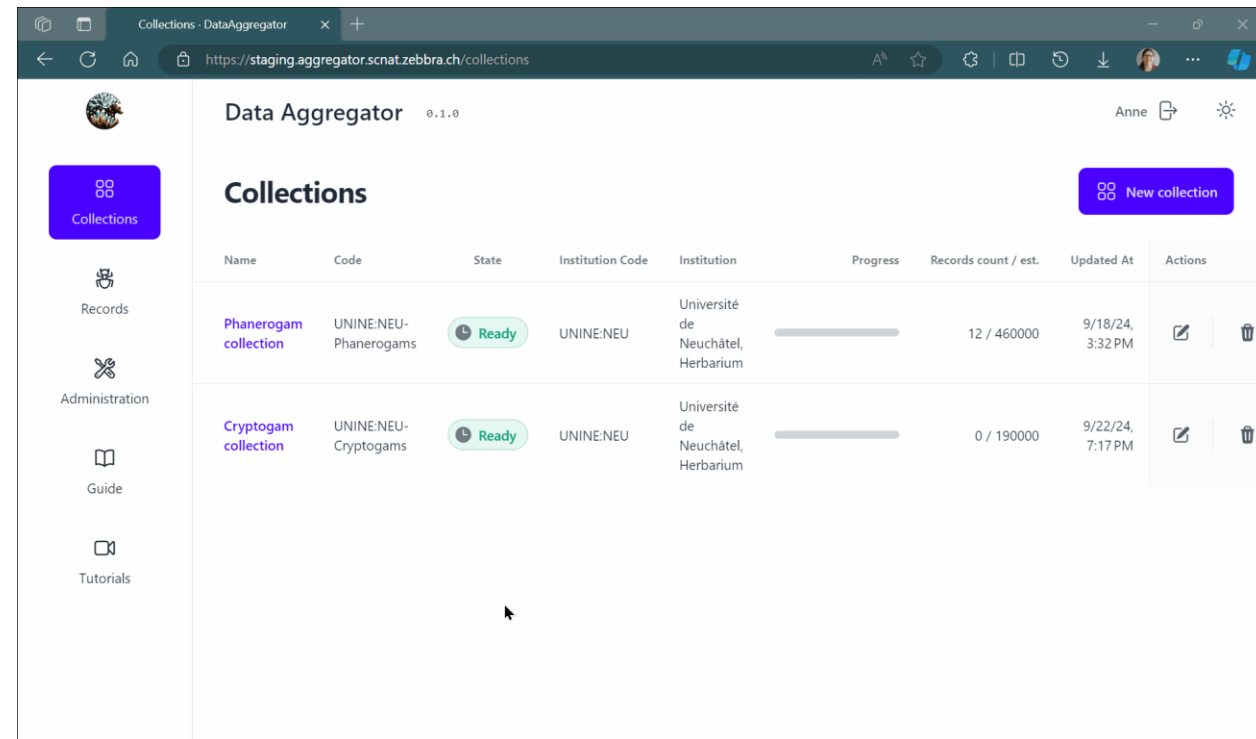


The screenshot shows the 'Data Aggregator' web application interface. The browser address bar displays 'https://staging.aggregator.scnat.zebra.ch/collections'. The page title is 'Data Aggregator 0.1.0'. On the left sidebar, there are navigation links: 'Collections' (highlighted in purple), 'Records', 'Administration', 'Guide', and 'Tutorials'. The main content area is titled 'Collections' and features a 'New collection' button in the top right corner. Below this is a table with the following columns: Name, Code, State, Institution Code, Institution, Progress, Records count / est., Updated At, and Actions. A single row is visible in the table:

Name	Code	State	Institution Code	Institution	Progress	Records count / est.	Updated At	Actions
Phanerogam collection	UNINE:NEU-Phanerogams	Ready	UNINE:NEU	Université de Neuchâtel, Herbarium	<div></div>	12 / 460000	9/18/24, 3:32 PM	Edit Delete

Import a new dataset

1. (Add a new collection)
2. Import dataset



Data Aggregator 0.1.0 Anne

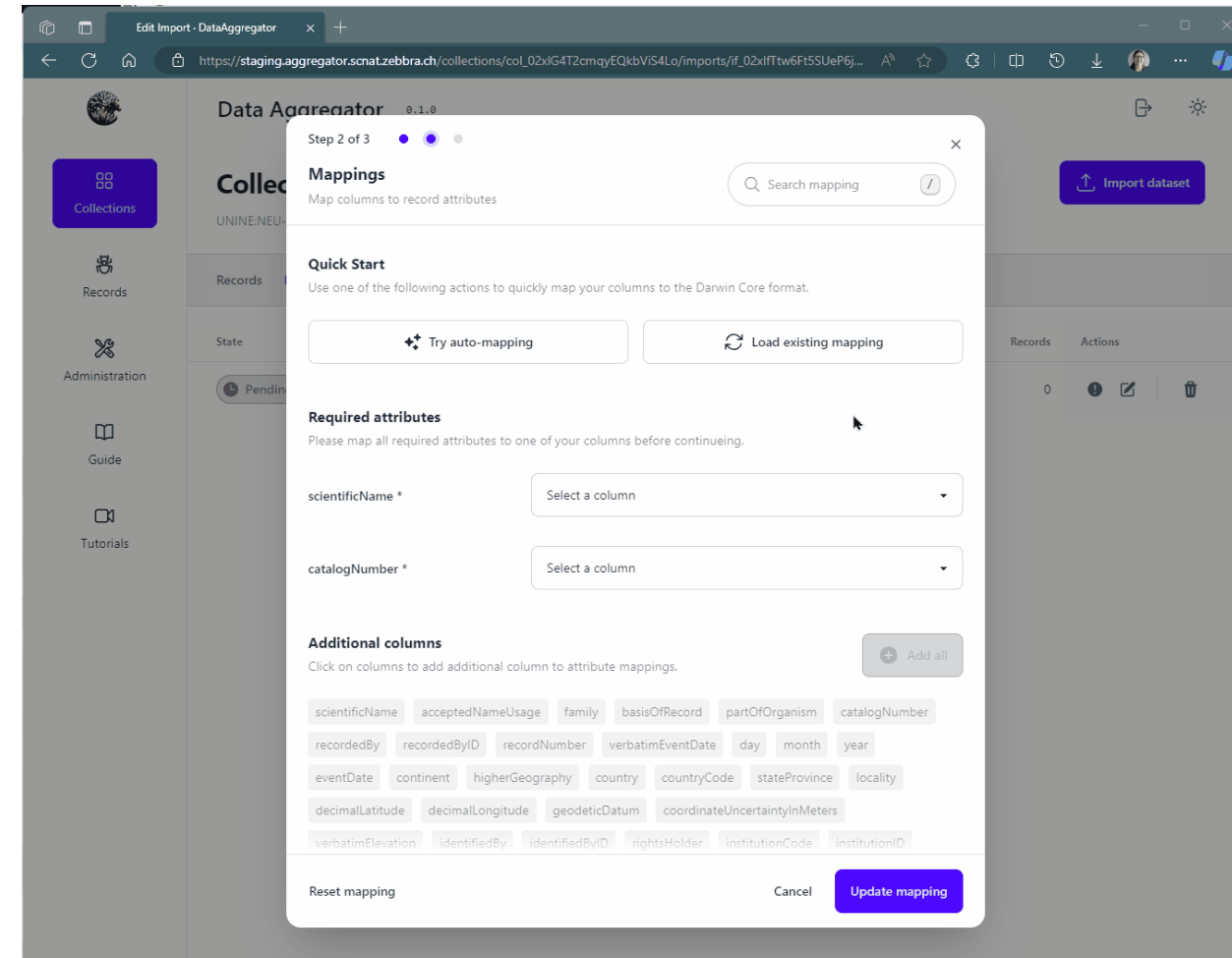
Collections

[New collection](#)

Name	Code	State	Institution Code	Institution	Progress	Records count / est.	Updated At	Actions
Phanerogam collection	UNINE:NEU-Phanerogams	Ready	UNINE:NEU	Université de Neuchâtel, Herbarium	<div></div>	12 / 460000	9/18/24, 3:32 PM	Edit Delete
Cryptogam collection	UNINE:NEU-Cryptogams	Ready	UNINE:NEU	Université de Neuchâtel, Herbarium	<div></div>	0 / 190000	9/22/24, 7:17 PM	Edit Delete

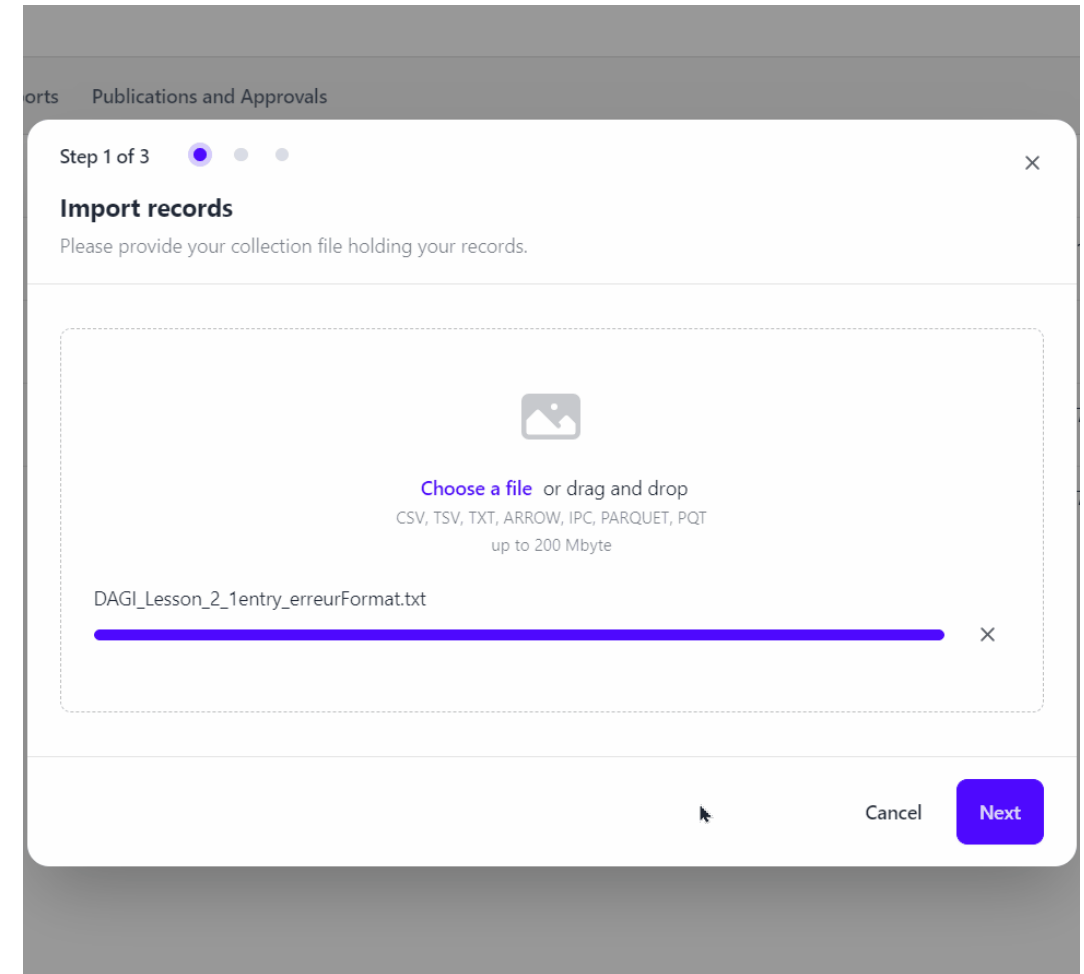
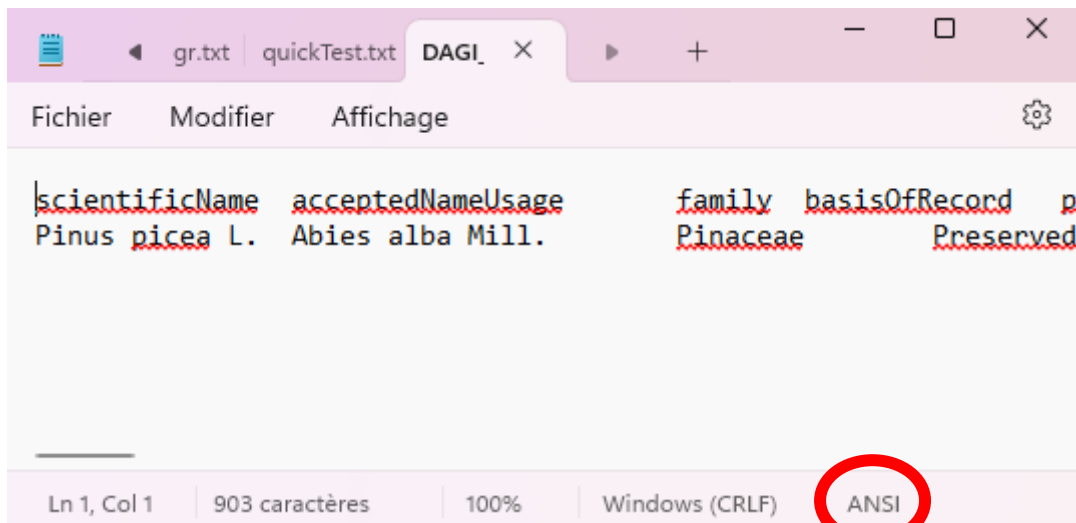
Import a new dataset

1. (Add a new collection)
2. Import dataset
3. Map your dataset fields to the Data Aggregator attributes
 - a) ✨ Try auto-mapping
 - b) ↺ Load existing mapping
 - c) Manually map (drop-down menus)



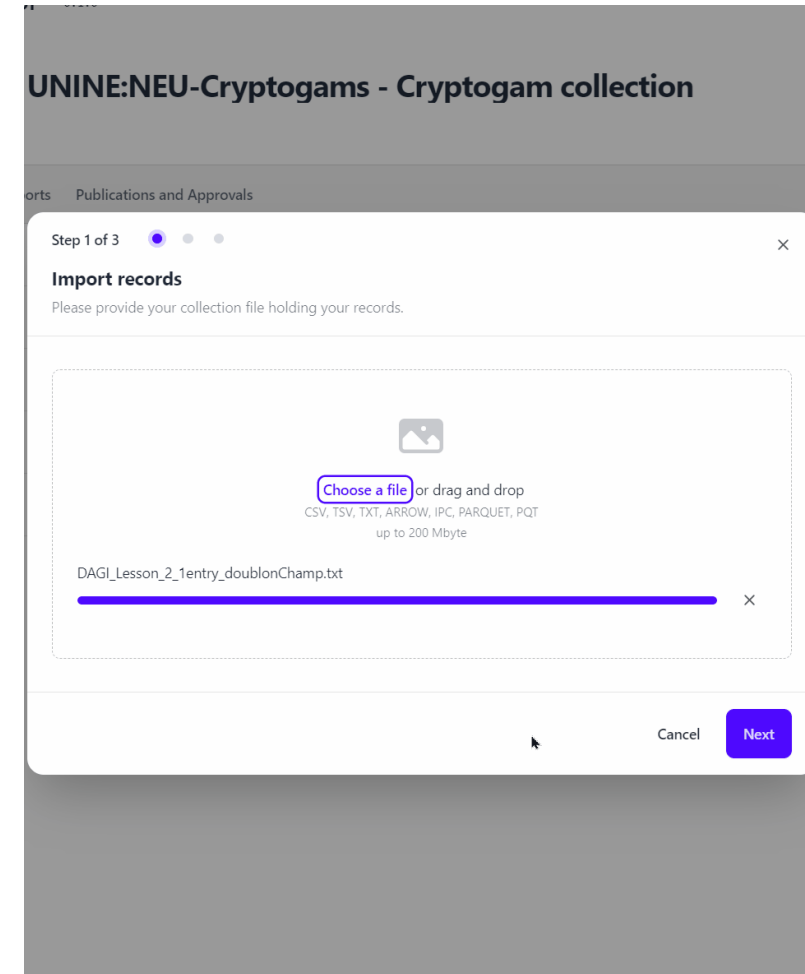
Errors scenarii

- Error before mapping
 - e.g. the format of the file is not UTF-8



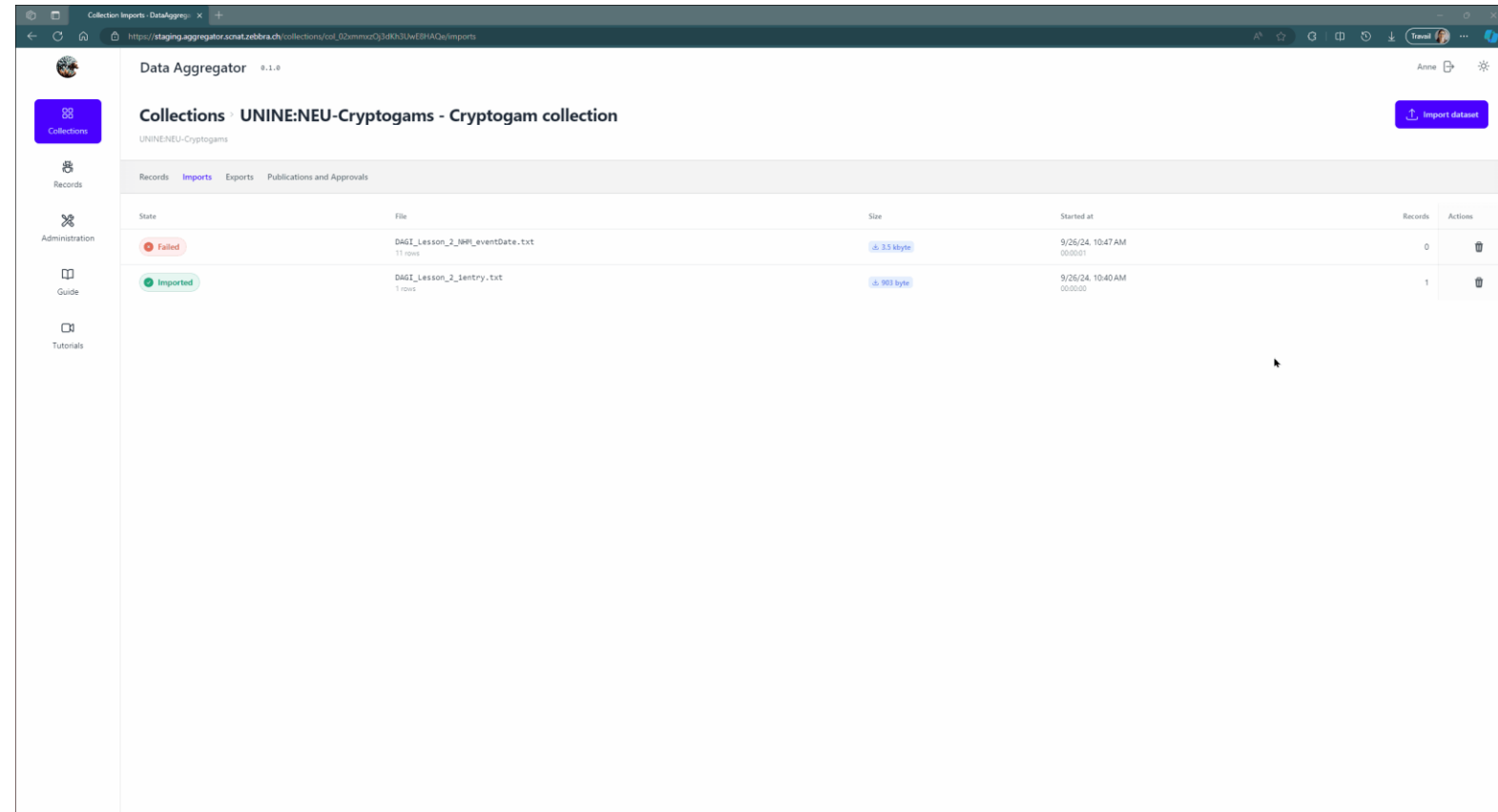
Errors scenarii

- Error before mapping
- Error during mapping
 - duplicated column header in imported file
 - e.g. two columns named «country»



Errors scenarii

- Error before mapping
- Error during mapping
- Error after importing
 - Import failure
 - e.g. duplicated catalogNumber value



The screenshot shows the 'Data Aggregator' interface for the 'UNINE:NEU-Cryptogams - Cryptogam collection'. The 'Imports' tab is active, displaying a table of import records. The first record, 'DAGI_lesson_2_98f_eventDate.txt', is marked as 'Failed' with a red icon. The second record, 'DAGI_lesson_2_1entry.txt', is marked as 'Imported' with a green icon. The table columns are State, File, Size, Started at, Records, and Actions.

State	File	Size	Started at	Records	Actions
Failed	DAGI_lesson_2_98f_eventDate.txt 11 rows	3.5 kbyte	9/26/24, 10:47 AM 00:00:01	0	
Imported	DAGI_lesson_2_1entry.txt 1 rows	903 byte	9/26/24, 10:40 AM 00:00:00	1	

Useful links

- Step-by-step tutorial : <https://swissnatcoll.hp.gbif-staging.org/en/how-to-publish-data>
- Data Aggregator overview : <https://swissnatcoll.hp.gbif-staging.org/en/data-aggregator-about/>
- Data Aggregator FAQs : <https://swissnatcoll.hp.gbif-staging.org/en/data-aggregator-faqs> (is planned to be enriched by your questions too)
- Darwin Core summary : <https://swissnatcoll.hp.gbif-staging.org/en/data-aggregator-faqs#what-is-darwin-core>
- Examples with real museum specimens (more coming soon)
 - Mollusca : <https://swissnatcoll.hp.gbif-staging.org/en/label-mollusca>

Take-Home Message



Mapping made easier

- Auto-mapping is the reward for your efforts to adapt your database to Darwin Core (or at least your import files)



Error messages are a good point

- During upload, error messages show inconsistencies in your database/import file
- They are opportunities to correct them



Expected changes in the interface and functionalities

- Development is still ongoing, bugs are currently being solved
- Your contributions are essential for this user-oriented tool