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## **CHECKMYNAME**

FIND THE  
RIGHT ONLINE  
MATCHING  
TOOL FOR  
CHECKING  
THE SCIENTIFIC  
NAMES OF  
ORGANISMS





## Target group

The user spectrum is broad, and includes, but not limited to:

- **Researchers and citizen scientists** who need to verify the spelling of names.
- **Data curators** who link names to taxonomic backbone services.
- **Taxonomists** preparing monographic treatments.



## Goal

To help users find the online **name-matching service** that best fits their needs, a task that can be difficult, especially for those not familiar with biodiversity informatics.



## Summary/Description

Using scientific names based on globally recognised rules of biological nomenclature enables precise and effective communication about the living world. A key requirement for this is the ability to **connect names across different sources** (particularly with taxonomic data aggregators), which relies on name-matching. The data used in the application covers large-scale taxonomic datasets and online name matching services that access them. This recipe describes how to use a simple online tool to identify **name-matching services** suited to your specific requirements. The website uses a short questionnaire to define the filter conditions which are then applied to the underlying data. The result is a list of dataset/service combinations that can serve your needs.

ChecklistBank Name Match  
with Artsdatabanken (Norway) / Nortaxa dataset  
CLB dataset 2030 [12 jul 2025]

Geographic Scope: Norway

Taxonomic Scope: Algae, Animalia, Cyanobacteria, Fungi, Plantae

Features: Direct Matching Interface, File Matching Interface, Download Full From Website, API, Local Installation

Website of the Dataset: <https://artsdatabanken.no/>

API: <https://nortaxa.artsdatabanken.no/swaaqer/>





Photo by NHMC-UoC



## You Will Need

### Understanding of your name checking requirements:

- You will need to know which kind of names you want to check (geographic and taxonomic scope),
- Decide what you want to check them for: (just the spelling, with author names, the accepted status, the higher classification),
- Determine whether you need persistent identifiers for the names (and if so, whether they need to be resolvable),
- Be aware of the technical context of your setup (do you want to upload the names via file or user interface, or do you need to embed it into a more technical workflow).

The precise details are asked by the filter form during the selection process, but having a good understanding beforehand will speed up this process.

**A web browser:** the tool is a simple website that can be accessed here: <https://cetaf-eu.github.io/CheckMyName/>

**An editing environment** to apply the corrected names. The correction process itself is not part of this recipe, as it varies widely depending on the field of work and the user's technical expertise. Some users prefer to work in spreadsheet software, whereas other use more complex environments that can call external libraries or an API (Application Programming Interface).



## Steps to implement the Course

- 1 Open your browser and go to <https://cetaf-eu.github.io/CheckMyName/>
- 2 In the user interface, select the filters that correspond to your name checking needs.
- 3 In the list of the remaining name checking services with the corresponding source datasets, click on the individual entries to see further details and remarks about the service/dataset.
- 4 Choose the entry that you consider most suitable for your dataset.
- 5 Click on the link to that service and follow the instructions there to check the taxonomic names in your data.



## Timeframe

The whole process usually takes **15 – 60 minutes**, depending on how many service suggestions remain after the filtering and how thoroughly you evaluate the remaining candidates.





## Estimated Budget (Indicative)

The service is free of charge.



## What went well / Even better if

If you notice any gaps or inaccuracies in the data of the service, please report them

- via the Github Issue tracker at <https://github.com/CETAF-EU/CheckMyName/issues>
- or via e-mail to [d.fichtmueller@bgbm.org](mailto:d.fichtmueller@bgbm.org).



## Outputs and Indicators

You will now have a dataset that contains **valid taxonomic names**, perhaps even with persistent identifiers for those names.



## Check My Name

### Taxonomic Name Matching Service Explorer

Using scientific names based on globally recognized rules of biological nomenclature enables precise and effective communication about the living world. One goal of the TETTRIs project is to integrate taxonomic resources to support cross-domain data linkage. A key requirement for this is the ability to connect names across different sources (particularly with taxonomic data aggregators), which relies on name-matching. This prototype tool helps biodiversity data curators identify name-matching services suited to their specific needs.

#### Filters

▶ Geographic Scope

▶ Taxonomic Scope

▶ Number of records

▶ Purpose

▶ Data Linkage

▶ Technical Requirements

#### Suitable Matching Services and Datasets (56)

<b>ChecklistBank Name Match</b> Catalogue of Life	Algae Animalia Bacteria Cyanobacteria Fungi Plantae Virus	Direct Matching Interface File Matching Interface Download Full From Website Download Dataset API Local Installation	Canonical Name Checked Full Name Checked Acceptance Classification	●
<b>ChecklistBank Name Match</b> Catalogue of Life eExtended Release	Algae Animalia Bacteria Cyanobacteria Fungi Plantae Virus	Direct Matching Interface File Matching Interface Download Full From Website Download Dataset API Local Installation	Canonical Name Checked Full Name Checked Classification	●
<b>GBIF Species Matcher</b> GBIF Backbone Taxonomy (2023)	Algae Animalia Bacteria Cyanobacteria Fungi Plantae Virus	File Matching Interface Download Full From Website API	Canonical Name Checked	●
<b>WFO Plant List</b> World Flora Online Plant List	Plantae	Direct Matching Interface File Matching Interface OpenRefine Reconciliation Interface Download Full From Website Download Dataset API Local Installation	Canonical Name Checked Full Name Checked Classification	●

#### Filters

▼ Geographic Scope

- Global
- Europe
  - Austria
  - Belgium
  - Bulgaria
  - Croatia
  - Cyprus
  - Czech Republic
  - Denmark

▼ Taxonomic Scope

- Multiple or unknown
- Animals
- Plants
- Algae
- Fungi
- Bluegreen algae
- Bacteria
- Virus
- Testate fossils

▼ Number of records

Number of names to be check simultaneously:

In the User Interface (add items via copy & paste)

less or equal 5000

more than 5000

Via file upload

less or equal 5000

more than 5000

▼ Purpose

I want to check ...

- Orthography of canonical name (name without author / year)
- Orthography of full name (also checking author abbreviations and year)
- Acceptance (if it is a taxon name, or a synonym of another name, or taxonomically unresolved)
- Classification (inclusion in higher taxa according to the dataset's hierarchy)

▶ Data Linkage

▶ Technical Requirements

#### Suitable Matching Services and Datasets (10)

<b>ChecklistBank Name Match</b> Catalogue of Life	Algae Animalia Bacteria Cyanobacteria Fungi Plantae Virus	Direct Matching Interface File Matching Interface Download Full From Website Download Dataset API Local Installation	Canonical Name Checked Full Name Checked Acceptance Classification	●
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# TETTRIS



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the European Union



Catalogue of Life

