

OSCARS

Open Science Clusters' Action
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Funded Project

Implementing FAIR principles in the European Vegetation Archive data (EVA-FAIR)

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**VEGETATION
SCIENCE
GROUP**
MASARYK UNIVERSITY B



European
Vegetation
Survey



Funded by
the European Union

- The IAVS European Vegetation Survey Working Group manages a community **database of > 2.1 mil. vegetation plots** across Europe (EVA)
- Data crucial for analyzing European biodiversity and their changes
- Most of these data **not freely available** ~ ownership rules of data contributors
- Many data contributors/owners **not familiar with FAIR principles**, their benefits, and with the appropriate ways of open data publishing
- Currently: Implementing **the pilot project** (Part 1),
Starting **FAIRification of the European Vegetation Archive** (Part 2)



- **Phase 1: Pilot project: FAIRification of the Czech Vegetation Database**
 - Preparing its open version available in a public repository
 - Preparing its stratified open version (for analyses) and open codes for data stratification
 - Exporting data to the Global Biodiversity Information Facility (GBIF) database

 - **Phase 2: FAIRification of the European Vegetation Archive (EVA)**
 - Workshops with EVA data contributors using the Czech example
 - Motivating data contributors to prepare open versions of their databases using the tools developed within the pilot project
 - Preparing a stratified version of the EVA database
 - Exporting selected data from EVA (if data contributors agree) to GBIF
-

- Phase 1

- ✓ **CzechVeg-Open** – an open version of the Czech Vegetation Database
- ✓ **R code** for stratified data selection and conversion to the GBIF format
- ✓ **CzechVeg-OpenStrat** – a stratified version of this national database
- 🕒 All these data will be made available in the new **national biodiversity repository**
- 🕒 Sampling event data will be available in the **GBIF database**



Phase 2

- Webinars** (March 13th & 27th) for the EVA data contributors & community
- Open versions of selected EVA databases
 - EVA-OpenStrat – a stratified version of the European Vegetation Archive
 - Sampling event data from selected EVA databases in the GBIF database
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Czech Vegetation Database



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 - History
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- Data ▾
 - Map viewer
 - [CzechVeg-Open](#)
 - CzechVeg-OpenStrat
 - Data description
 - Turboveg
- Data processing tutorial ▾
 - Turboveg to R
 - Basic data analyses
 - Export to other formats
 - Data stratification
 - Data resampling
 - Export to GBIF

[Data](#) > CzechVeg-Open

CzechVeg-Open

CzechVeg-Open is a publicly available, full version of the Czech Vegetation Database, containing all vegetation-plot records included in the database. The taxonomy and nomenclature of plant taxa are not fully harmonized. The data description is available [here](#).

CzechVeg-Open is available in two formats: the Turboveg 2 format, which requires the [Turboveg 2](#) program, and the CSV format (see the [Data processing tutorial](#)).

Version 1.0

- Compiled on: 3 November 2025
- Size: 117,740 vegetation plots
- DOI: <https://doi.org/10.5281/zenodo.18289905>
- Licence: Creative Commons Attribution 4.0 International (CC-BY)
- Download
 - Vegetation-plot data in Turboveg 2 format
 - Vegetation-plot data in CSV format
 - Species nomenclature (useful for interpretation of plant taxon concepts and names)
 - [Turboveg species list](#) (necessary for Turboveg 2)
 - [Turboveg popup lists](#) (necessary for Turboveg 2)

Clear all filters

Plot properties

Time

Environment

Vegetation layers

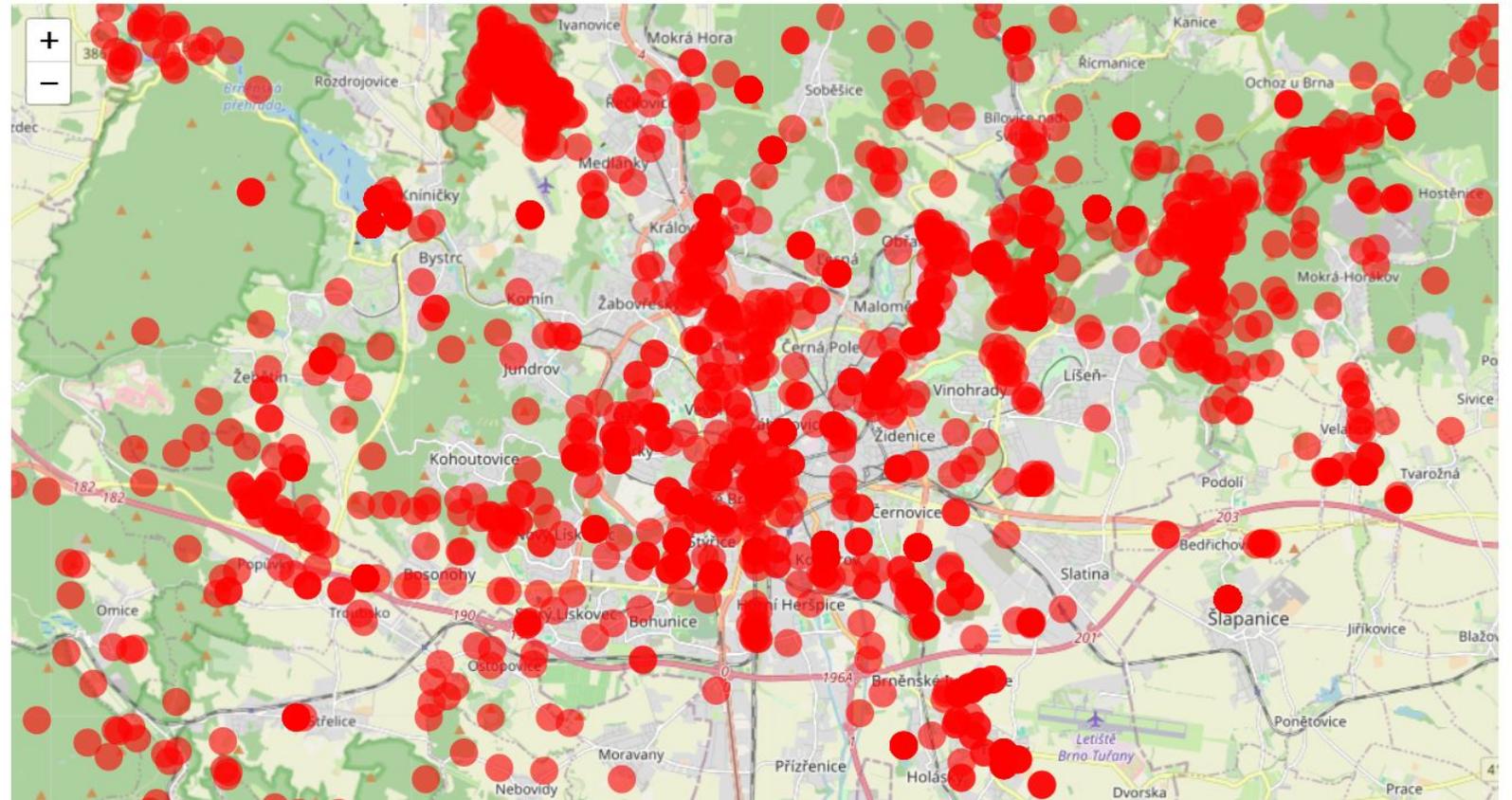
Vegetation types

Species

To display characteristics of selected plots, click on the Select button:

Select

Download



Website



GitHub



GBIF

Global Biodiversity
Information Facility

<https://czechvegetationdatabase.github.io/>

- CzechVeg-Open & CzechVeg-OpenStrat
- Data processing tutorial
- R codes
- Articles for scientific community



European
Vegetation
Survey

- Workshop at EVS Meeting 2026



GBIF

Global Biodiversity
Information Facility

- Open versions of selected EVA databases (+ national repositories)
 - EVA-Open-Strat – a stratified version of the European Vegetation Archive
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