



Data Request Form

To obtain data from the European Vegetation Archive (EVA), please first make an enquiry to the EVA database administrator Ilona Knollová (ikuzel@sci.muni.cz) whether the data meeting your needs are available. If they are, please fill in the form below and submit it to Ilona or another member of the EVA Coordinating Board.

- Applicant's name:

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- Applicant's institutional address:

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- Project title:

Variability of spring vegetation on a European scale

- Brief description of the aims and methods of the study:

The main aim is to conduct a large-scale analysis and syntaxonomical overview of spring vegetation (the *Montio-Cardaminetea* class) in Europe on the basis of phytosociological relevés from national or regional databases and our own data. We want (1) to delimit main vegetation types (alliances), (2) to develop formal definitions of individual vegetation types to establish a consistent classification of European springs and (3) to describe the species composition and to characterize the habitat and distribution of particular vegetation types.

- Will someone else be involved in data editing or analysis in addition to the applicant?

Members of the Department of Botany and Zoology at Masaryk University (e.g. Ilona Knollová, Lubomír Tichý, Eva Hettenbergerová-Šmerdová) or potential students of the department if their analytical skills will be needed. Other vegetation scientist dealing with spring vegetation (Jana Tkáčiková, Melinda Lyons, Dirk Hinterlang).

- Estimated time of delivery of results (e.g. manuscript submission):

2021–2022

- Geographic area needed (e.g. countries or range of geographic coordinates):

Europe

- Do you need plots to be georeferenced? If so, what is the minimum accuracy of plot location (in metres or kilometres) needed for your project?

Yes



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- Vegetation types needed (syntaxa):

Class *Montio-Cardaminetea*. (Relevés will be selected according to assignment to syntaxa or according to presence of selected diagnostic species of the class).

- Other data selection criteria:

- Envisaged publications:

One manuscript to be submitted to international peer-reviewed journal.

- Plant trait data from the TRY consortium. If you plan to combine your analysis of vegetation-plot data with plant trait data, you can also request for a dataset of 18 gap-filled traits for a large number of plant taxa prepared by the TRY consortium. These traits include Leaf area, Specific leaf area, Leaf fresh mass, Leaf dry matter content, Leaf C, Leaf N, Leaf P, Leaf N per area, Leaf N:P ratio, Leaf delta15N, Seed mass, Seed length, Seed number per reproductive unit, Dispersal unit length, Plant height, Stem specific density, Stem conduit density, and Conduit element length. This dataset can be provided to you from the EVA manager together with the vegetation-plot data. If you use this dataset, you must inform about your project the TRY data contributors who might be potentially interested and invite them as potential co-authors, assuming they will make an intellectual contribution to your paper. The list of the TRY data contributors will be sent to you together with the gap-filled trait dataset.

No

- Specification of the co-authorship arrangements in publications based on the requested data. Note that the EVA Rules recommend that co-authorship is offered to a representative of each database providing data that are particularly important for the project (e.g. relatively large proportion of the final dataset used in the analyses or data from unique vegetation types or under-represented geographic areas). This database representative should be an expert in the topic of the project (not necessarily the custodian or deputy custodian), and this person should contribute to the project more than just by providing the existing data, e.g. by intellectual contribution to the concept of the paper, preparation of new data, or helping with data analysis, interpretation of the results or writing parts of the paper (see the IAVS Code of Professional Ethics: <http://iavs.org/Governance/Code-of-Professional-Ethics.aspx>). The project leader should enable active participation by regularly informing potential co-authors about the progress of the project from its early stage. The project leader should also make final co-authorship arrangements based on the real input of the individual contributors.

Co-authorship will be offered to a representative of each vegetation database that will be represented by at least 5% in final dataset of relevés (i.e. after data filtering, geographical and other stratification) or fewer if they are from regions with general lack of data (e.g. Fennoscandinavia, Balcan peninsula).

- Eligibility of the applicant to receive EVA data. Specify to which EVA database the applicant has contributed; if the applicant is not the custodian or deputy custodian of an EVA database, give a name of a custodian or deputy custodian who supports this data request.

T. Peterka is custodian of EU-00-022

This proposal is further supported by Milan Chytrý, coordinator of the EVA database.

- I agree with the terms of EVA Data Property and Governance Rules as approved on 26 May 2012 (<http://euroveg.org/download/eva-rules.pdf>).



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- In any result obtained based on this data, I will cite the EVA report paper (Chytrý et al. 2016; <https://doi.org/10.1111/avsc.12191>). In addition, I will cite individual source databases used in my project (if possible, in the list of References; if not possible, at least as a list of databases in the electronic supplementary material).
- If I ask for the plant trait data from TRY, I agree to invite to my project the TRY data contributors following the list received from the EVA database manager.

Brno March 1, 2020

Michal Hájek

Petra Hájková

Tomáš Peterka