



## 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:

Anna Kuzemko<sup>1,2</sup>, Milan Chytrý<sup>1</sup>

- Applicant's institutional address:

<sup>1</sup>Department of Botany and Zoology, Masaryk University, Kotlářská 2, Brno, Czech Republic

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- Applicant's e-mail:

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- Project title:

Diversity and syntaxonomic revision of the Molinio-Arrhenatheretea vegetation in Europe

- Brief description of aims and methods of the study:

The aim of the project is to review the syntaxonomic diversity of the Molinio-Arrhenatheretea class in Europe, to define the boundaries of the class, to reveal the floristic, ecological and biogeographical features of syntaxa, and to resolve the status of some doubtful syntaxa. Various supervised, semi-supervised and unsupervised classification and ordination methods will be used. The obtained results will be used for developing formal definitions and expert system for syntaxa of the class.

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

Ilona Knollová, Lubomír Tichý and other members of the Department of Botany and Zoology at Masaryk University if their analytical skills will be needed; Maria Pilar Rodríguez-Rojo, Pauline Delbosc, Iveta Škodová, Katarina Hegedüšová, Kiril Vassilev; custodians of the contributing databases or persons nominated by these custodians can also be involved if they wish to contribute to data editing or analysis.

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

2021

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

All European countries

- 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?



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- Vegetation types needed (syntaxa):

All the types of mesic, wet and semi-dry non-alpine and non-saline grasslands, defined as either Molinio-Arrhenatheretea or habitat types R1A, R1M, R2x or R3x within EUNIS.

- Other data selection criteria:

- Envisaged publications:

1 or 2 paper in international scientific journals (most likely Applied Vegetation Science or Vegetation Classification and Survey)

- 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. unique vegetation types, under-represented geographic areas) or make up more than 10% of the final dataset (5% threshold can be considered too). These database representatives should be experts in the topic of the project (they do not need to be the custodians or deputy custodians) and they 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.

Anna Kuzemko will be the lead author of the planned publications. Co-authorship will be offered to a representative of each database that is represented by at least 1% of relevés included in the final analysis (i.e. after stratified selection from the basic data sets). We assume that co-authorship will be based not only on data provision but also on intellectual contribution to the study. Further, persons with significant contribution to data analysis may be involved as co-authors.

- 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.



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Anna Kuzemko is the custodian of the Ukrainian Grassland Database, Milan Chytrý is the custodian of the Czech National Phytosociological 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>).

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, 12 August 2019

Anna Kuzemko, Milan Chytrý