



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:

Jakub Těšitel
Ondřej Borowiecki

- Applicant's institutional address:

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- Applicant's e-mail:

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- Project title:

The use of hemiparasitic plants in orchards and vineyards (Bachelor thesis)

- Brief description of aims and methods of the study:

The aim of the study is to use large-scale phytosociological data to design seed mixtures for orchard and vineyard greening which could support establishment of hemiparasitic plants species (*Rhinanthus minor*, *R. alectorolophus* and *Melampyrum arvense*). Frequencies and mean covers of co-occurring species recorded in the vegetation plots with the hemiparasites will be used as a basis for designing potentially suitable seed mixtures.

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

No

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

Manuscript will be finished in May 2019

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

Czech Republic
Slovakia
Poland
Austria
Hungary

- 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?

No



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- Vegetation types needed (syntaxa):

EUNIS habitat type E according to Chytrý *et al. in prep.*

- Other data selection criteria:

- Only plots with *Rhinanthus alectorolophus*, *Rhinanthus minor* and *Melampyrum arvense*

- Envisaged publications:

Bachelor thesis only; no other publication planned.

- 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.

The EVA data will be acknowledged in Bachelor thesis but no co-authorship can be offered.

- 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.

Ilona Knollová, the deputy custodian of 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>).



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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, 19.3. 2019

Jakub Těšitel, Ondřej Borowiecki