



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 Milan Chytrý (chytry@sci.muni.cz) or another member of the EVA Coordinating Board.

- Applicant's name:

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- Project title:

Pattern of alpha and beta diversity in European mountains: a case study on high altitude vegetation

- Brief description of aims and methods of the study:

Main questions:

What is the relationship between Alpha and Beta diversity in different regions affected by various climates?

Are there any dependences of local species richness on site species pool and variability of ecological conditions between areas with lower and higher amount of precipitations?

Location: European mountain ranges – Carpathians, Sudetes, Alps, Pyrenees, Apennines, Cantabrian range, Balkan mountains, Scandes.

Methods: On the basis of national/regional data sets as well as our own data, we will search for differences in various diversity indices in European mountains. Relevés recorded on plot sizes from 1 to 100 m² will be included. Only relevés from altitudes higher than 1200 m with defined habitat or community type at least of alliance level are requested. Our results will be discussed in the context of actual amount of precipitations and temperatures.

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

N/A

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



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A manuscript comparing diversity patterns in the European mountain ranges will be submitted in the first half of the year 2016

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

European mountains

- Vegetation types needed (syntaxa):

Phytosociological classes:

Juncetea trifidi, *Carici rupestris-Kobresietea bellardii*, *Elyno-Seslerietea*, *Thlaspietea rotundifolii*, *Salicetea herbaceae*, *Nardetea strictae*, *Mulgedio-Aconitetea*, *Montio-Cardaminetea*, *Molinio-Arrhenatheretea (Polygono-Trisetion)*, *Loiseleurio-Vaccinietea*, *Calluno-Ulicetea*, *Oxycocco-Sphagnetetea*, *Scheutzerio-Caricetea fuscae*, *Isoeto-Littoretea*

- Other data selection criteria:

Plot of relevés size 1 – 100 m² from the elevations higher than 1200 m

- Envisaged publications:

manuscript on vegetation journal

- Specification of the co-authorship arrangements in publications based on the requested data (e.g. the extent of possible involvement of the original data providers, or of EVA data managers if extra work for this project is needed from them):

EVA data providers and eventual contributors on data analyses and EVA data management will be invited as co-authors.

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

September 10, 2015

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