



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:

Prof. Dr. Jürgen Dengler
Dr. Severin Irl
Jan-Niklas Nuppenau

- Applicant's institutional address:

Bayreuth Center of Ecology and Environmental Research (BayCEER), University of Bayreuth,
95770 Bayreuth, Germany

- Applicant's e-mail:

juergen.dengler@uni-bayreuth.de
severin.irl@uni-bayreuth.de
Jan-Niklas_Nuppenau@web.de

- Project title:

Identify the relationship between latitude and elevational range for plant species using
global species-specific elevational data

- Brief description of aims and methods of the study:

Aims:

By using species-specific elevational distribution data from mountain ranges on islands and the continent, ranging from the tropics to high latitudes we want to assess the relationship between latitude and elevational range.

In addition, by comparing islands (generally low seasonality due to oceanic buffering) and continents (high seasonality) we want to test if seasonality is the main driver behind the proposed relationship or if other environmental features are more important

Location:

Global mountain ranges

From EVA:

European mountain ranges higher than 1000m:

Carpathians, Sudetes, Alps, Pyrenees, Apennines, Cantabrian range, Balkan mountains, Scandes, Massive Central, Sierra Nevada, Rhodopes, Dinaric Alps, Snowdonia, Grampian Mountains, Taurus Mountains, Pontic Mountains

Methods:

On the basis of national/regional data sets, as well as data from floras, we will search for differences in elevational distribution patterns in mountains in Europe and on a global Scale.



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

Potentially we will involve our colleague Dr. Manuel Steinbauer, University of Aarhus, Denmark

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

Master thesis J.-N. Nuppenau June 2016, Paper for international journal planned for December 2016

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

All (we will extract the mountain data ourselves according to our specific definitions)

- Vegetation types needed (syntaxa):

All

- Other data selection criteria:

Only plots with coordinates and given altitude

- Envisaged publications:

master thesis, international publication planned

- 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):

We will inform all contributors about the progress of the project (at least at the end of the Master thesis and prior to the start of the paper). We will invite database custodians who contribute more than 5% of the data of the final selection to get co-authors as well as those who make substantial intellectual contributions.

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>).

Bayreuth, 15 December 2015

Prof. Dr. Jürgen Dengler