



## 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:

Borja Jiménez-Alfaro

- Applicant's institutional address:

Research unit of Biodiversity (<https://www.unioviado.es/UMIB/>)  
Universidad de Oviedo – Campus de Mieres, Edificio de Investigación – 5ª floor  
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- Applicant's e-mail:

[jimenezalfaro.borja@gmail.com](mailto:jimenezalfaro.borja@gmail.com)

- Project title:

Influence of historical and environmental factors on the community assembly of European alpine vegetation

- Brief description of aims and methods of the study:

The aim of this project is to understand major drivers influencing species pools and community diversity of alpine vegetation across European regions. Species pools will be estimated by interpolation and extrapolation methods. Community diversity will be approached by plot species richness and functional diversity using CWM and CWV of selected traits provided by TRY. Historical and environmental drivers will be approached by macroecological variables related to past and current conditions of mountain regions, respectively. Data will be analyzed by regression approaches and Structural Equation Modeling. I will use null models to control for the effect of functional species pools.

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

Borja Jiménez-Alfaro will lead the project as part of a Clarín (COFUND Marie-Curie) grant by the Principate of Asturias (Spain). Members of the EVA Database Management Team, EVA Coordinating Board or experts in data analysis from other institutions may be involved, if needed. Confidentiality in data use will be guaranteed

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

2018 and 2019

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

All countries with an alpine belt

- 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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Yes. Any accuracy is valid.

- Vegetation types needed (syntaxa):

All syntaxa or vegetation types related to alpine vegetation (above the treeline).

- Other data selection criteria:

Plot data should include the alpine habitat types classified to EUNIS classification by the European expert system used in EVA, and those assigned to the European Red List.

- Envisaged publications:

I estimate to prepare two manuscripts, one about species pools, and the second one about environmental filtering of functional diversity.

- 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.

Borja Jiménez-alfaro will be the lead author of the publications, and will inform all data providers regularly. Co-authorship will be offered to a representative of each database with at least 5% of relevés included in the analysis (i.e. after filtering) or fewer for databases providing particularly important data. Data providers will be asked to help in taxonomical standarization. Other researchers with a significant contribution (e.g. in data analysis) will be invited as co-authors. All co-authors will be asked to actively participate in data interpretation and manuscript writing.

- 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.

Borja Jiménez-Alfaro is part of the Governing Board of EVA, custodian of the SIVIM-alpine database and deputy custodian of Ammophiletea 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>).

Mieres, November 2017

Borja Jiménez-Alfaro