



## 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:

Gianmaria Bonari, Milan Chytrý

- Applicant's institutional address:

Department of Botany and Zoology, Masaryk University Kotlarska 2, CZ-611 37 Brno, Czech Republic

- Applicant's e-mail:

Gianmaria.bonari@gmail.com, chytry@sci.muni.cz

- Project title:

Formalized classification of European Mediterranean and temperate pine forests

- Brief description of aims and methods of the study:

The aim of the project is to provide a classification of European Mediterranean and temperate pine forests based on a relevé dataset across Europe. Juice will be used as main software for data analysis. Data will be analysed by unsupervised or semi-supervised classification methods, ordination methods, and the results of these analyses will be used for developing formal definition and expert system for pine forest types

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

Data analysis, interpretation and paper writing in this project will be led by Dr. Gianmaria Bonari, a postdoc at the Vegetation Science Group at Masaryk University, Brno. Further, some members of the EVA Database Management Team, EVA Taxonomic Advisory Board, EVA Coordinating Board or experts in data analysis at the Vegetation Science Group of Masaryk University may be involved in the analysis if needed. Confidentiality in data use will be guaranteed.

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

2019 (manuscript submission)

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

Albania, Andorra, Austria, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Cyprus, France, Germany, Greece, Hungary, Italy, Kosovo, Luxemburg, Macedonia, Malta, Moldova, Monaco, Montenegro, the Netherlands, Poland, Portugal, Romania, San Marino, Serbia, Slovak Republic, Slovenia, Spain, Switzerland, Turkey, Ukraine (only the Carpathians and Crimea);



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- 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.

- Vegetation types needed (syntaxa):

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- Other data selection criteria:

Relevés with *Pinus* sp. pl. (*Pinus halepensis*; *Pinus halepensis* subsp. *halepensis*; *Pinus halepensis* subsp. *brutia*; *Pinus heldreichii*; *Pinus heldreichii* var. *leucodermis*; *Pinus nigra*; *Pinus nigra* subsp. *nigra*; *Pinus nigra* subsp. *dalmatica*; *Pinus nigra* subsp. *pallasiana*; *Pinus nigra* subsp. *salzmannii*; *Pinus nigra* subsp. *laricio*; *Pinus peuce*; *Pinus pinaster*; *Pinus pinaster* subsp. *pinaster*; *Pinus pinaster* subsp. *atlantica*; *Pinus pinaster* subsp. *hamiltonii*; *Pinus pinea*; *Pinus starkewiczii*; *Pinus sylvestris*; *Pinus sylvestris* var. *catalaunica*; *Pinus sylvestris* var. *engadinensis*; *Pinus sylvestris* var. *iberica*; *Pinus sylvestris* var. *lapponica*; *Pinus sylvestris* var. *pyrenaica*; *Pinus uncinata*) with more than 14% cover

- Envisaged publications:

1-3 papers in international scientific journals.

- 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.

Gianmaria Bonari, with contributions from Milan Chytrý, will be the lead author of the planned publications. We will inform the data providers when a major steps in data analyses or paper preparation are achieved. Co-authorship will be offered to a representative of each database that will be represented by at least 5% of relevés included in the final analysis (i.e. after stratified selection from the basic data sets) or fewer for databases that provided particularly important data from vegetation types or regions with general lack of data. Further, persons with significant contribution to data analysis (see above) or providers or analysts of other data may be invited as co-authors. Following the EVA Rules and established practices, we expect co-authorship to be associated with intellectual contribution to the paper, not merely with data provision. In particular, we would like to ask the potential co-authors to help us with filling the regional gaps in the datasets and to provide regional knowledge to the interpretations of vegetation patterns obtained from the continental-scale analyses.



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- 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.

Gianmaria Bonari is a contributor of the database Vegitaly and Flavia Landucci (the deputy Custodian of Vegitaly) supports the data request to EVA

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>).

Brno, 31 October 2017

Gianmaria Bonari, Milan Chytrý