



## 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:

Riccardo Guarino

- Applicant's institutional address:

Dept. STEBICEF - Botanical Unit. Via Archirafi, 38 - 90134 Palermo, Italy

- Applicant's e-mail:

guarinotro@hotmail.com

- Project title:

Knowledge and learning trough Social Networks: How many data for nature conservation and monitoring are we overlooking?

- Brief description of the aims and methods of the study:

A facebook group named "Flora Spontanea Siciliana" was established in 2013. Aim of the group is to post photographs of vascular plants growing spontaneously in Sicily, indicating place, day and province of the shot. The correct identification of the portrayed specimens is ensured by the group administrators, all of which are experienced botanists. At present, the group counts more than 25000 members, of which roughly 3000 are 'posting' members.

During the first five years of activity, the following data were recorded per each post: (1) name of the user; (2) name of the portrayed plant species; (3) whether the plant species was correctly identified by the user; (4) date of the post; (5) provenance of the shot.

We would like to use these data to answer the following questions:

(1) are social networks used to share and disseminate knowledge about plant species identification?

(2) which are the habitats most frequented by those who posted plants?

(3) what are the traits of the most posted plants?

(4) can floristic data collected through social networks be useful for habitat monitoring?

In order to answer the second question, it would be great if we could use EVA data related to all available plots including at least one of the species in our species list (in case of positive reply, the species list will be provided by Corrado Marcenò)

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

EVA data will be handled jointly by the applicant and by Corrado Marcenò. As co-authors of the paper, at the moment we foresee Alfonso La Rosa, Dario Cusimano, Emanuele Genduso (additional contributors from EVA will be most welcomed).

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



## Data Request Form

Hopefully, by the end of 2020

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

Sicily

- 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?

yes, possibly. An accuracy of < 10 km will be enough.

- Vegetation types needed (syntaxa):

All available vegetation types including at least one of the species in our species list

- Other data selection criteria:

none

- Envisaged publications:

one paper on refereed international journal

- 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. relatively large proportion of the final dataset used in the analyses or data from unique vegetation types or under-represented geographic areas). This database representative should be an expert in the topic of the project (not necessarily the custodian or deputy custodian) and this person 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.

We agree to follow EVA recommendation about co-authorship. The co-authorship will be offered to every person who made an intellectual contribution to our paper project

- 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.



## Data Request Form

Riccardo Guarino contributed a significant part of vegetation plots from Sicily, data on the wall vegetation of Italy, data from the Garda Lake, some other relevés on the Mediterranean forest and high mountain vegetation to VegItaly. His relevés are included in the following EVA data-bases: High Mediterranean Mountains, Ammophiletea, Vegetation of Italy. The project is supported by Corrado Marcenò, custodian of EU-00–016 Mediterranean Ammophiletea database and deputy custodian of EU-00–029 High Mediterranean Mountains 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>).

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.

Palermo, January 16th 2019

Riccardo Guarino