



## 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:

Jürgen Dengler

- Applicant's institutional address:

Vegetation Ecology Group, Institute of Natural Resource Sciences (IUNR), Zurich  
University of Applied Sciences (ZHAW), Grüentalstr. 14, 8820 Wädenswil, Switzerland

- Applicant's e-mail:

juergen.dengler@zhaw.ch

- Project title:

Ecological niche of *Nuphar pumila*

- Brief description of aims and methods of the study:

In her Bachelor thesis, supervised by Jürgen Dengler and Manuel Babbi, Sabrina Keller ask which factors are decisive for the introduction or re-introduction success of ex-situ propagated *Nuphar pumila* plants in various water bodies of Switzerland. *Nuphar pumila* is a very rare plant in Switzerland with only four surviving autochthonous populations in the country. Thus our hope is to characterise the most promising habitats in terms of co-occurring species and ecological indicator values based on data from across Europe, for *N. pumila* alone and in comparison with the much more frequent *N. lutea*

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

Sabrina Keller, Manuel Babbi, possibly Regula Billeter, all ZHAW Wädenswil

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

Bachelor thesis to be finished 2018; if a publication is prepared then in 2018/2019

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

all

- 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?

both with and without coordinates

- Vegetation types needed (syntaxa):

any

- Other data selection criteria:



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All stands with either of the two Nuphar species

- Envisaged publications:

Primarily only an unpublished BSc. thesis and advice for conservation practitioners is planned. If the overall results of the thesis are convincing, a publication in a national journal is possible

- 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. 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.

If a publication in a journal should be prepared, one person of each database that contributed at least 10% of the final dataset will be offered active co-authorship. The respective databases will be contacted once we have decided positively about a publication.

- 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.

Jürgen Dengler is custos of NBGVD and GrassVeg.DE

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.



## Data Request Form

Wädenswil, 10 April 2018

[place, date]

Jürgen Dengler

[applicant's name]