



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.

"This project has been approved by Els De Bie, the custodian of the INBOVEG database (EU-BE-002) and of the Belgium Forest Database."

- Applicant's name:

Vinciane MOSSION

- Applicant's institutional address:

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- Project title:

Evolution of the genus *Rhinanthus* (Orobanchaceae)

- Brief description of aims and methods of the study:

My data inquiry is related to the first part of my thesis project, the revision of the classification of the whole genus. It requires phylogenetic reconstruction using DNA analysis and the use of morphological and ecological data. To obtain all this data, it involves field work to get plant samples and ecological data.

The sampling entails picking up 5 whole plants per population in 2 populations in each area (e.g. part of a country or a country for species with a wide distribution area). For each specimen, one flower is kept in alcohol, 5 leaves/bracts are dried with silicagel for DNA extraction and the rest of the whole plant is prepared for herbarium collection. The composition of the floristic community is determined in one plot in each *Rhinanthus* population that is sampled. Data for the environment (e.g. habitat, soil type, exposition) are also added.

This summer, we plan to work on the *Rhinanthus* species in South-Eastern Europe, because most of them are endemics.

The field work will take place from June to the middle of August. We will go to Romania and Ukraine in June (after 10 June). In Ukraine we will collaborate with Olena Peregrym from The University of Kiev. July will be dedicated to a trip to the Balkan. And finally, we will go to North-Eastern Italy in August.

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



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My PhD supervisor : Professor Renate WESSELINGH

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

I started my PhD one year ago, so we could expect a first manuscript submission in 2 years.

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

North-Eastern Italy, Croatia, Bosnia-Herzegovina, Macedonia, Montenegro, Albania, Bulgaria, Romania, Ukraine, North Greece.

- Vegetation types needed (syntaxa):

Plots containing any *Rhinanthus* species. We do not need the detailed composition of the plots, the geographic coordinates and the abundance(s) of the *Rhinanthus* species would be enough.

- Other data selection criteria:

- Envisaged publications:

Publication about taxonomical revision of the *Rhinanthus* genus, perhaps publications on new species and/or new combination names. We could also think about a new key for European *Rhinanthus* species.

- 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):

All participating databases will be appropriately cited in every paper involving them, and if people are interested in participating actively (i.e. in data treatment, discussion and publication) we will be enthusiastic to make collaborations.

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>).

Louvain-la-Neuve (Belgium), 23 April 2015

Mossion Vinciane