



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:

Cloé Levointurier-Vajda, Milan Chytrý

- Applicant's institutional address:

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- Applicant's e-mail:

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- Project title:

Numerical classification of the wet meadow vegetation in the Atlantic region of Western Europe

- Brief description of aims and methods of the study:

Aim: Establish a numerical classification of wet meadow vegetation in the Atlantic region of Western Europe
Methods: **1.** Combine several databases in order to compile consistent datasets of wet meadow vegetation in the Atlantic region of Western Europe, including never-before-digitized paper-data (*TurboVeg*) ; **2.** Run numerical analyses such as unsupervised, semi-supervised or expert-system classification on a large part of dataset (Juice, R) ; **3.** Validation step with the remaining data of dataset except a few ones (Juice, R) ; **4.** Assign the few data left to the obtained classes through supervised classification. (**5.** Analyze difference between manual and numerical methods and compare several numerical methods)

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

Lubomír Tichý, Masaryk University ; **Anne Bonis**, Univ. Rennes 1 ; **Jan-Bernard Bouzillé**, Univ. Rennes 1

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

December 2015

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

Portugal (7°W – 9°50'W AND 40°N – 43°N), Spain (41°N – 43°50'N AND 1°W – 10°W), France ([5°W – 3°E AND 42°N – 50°N] OR [3°E – 5°E AND 46°50'N – 51°10'N]), United-Kingdom, Ireland, Belgium (2°30'E – 6°E AND 50°N – 51°30'N), Netherlands, Germany



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(5°50'E – 13°E AND 50°N – 55°N), Denmark (8°E – 9°50'E), Norway (4°E – 9°E OR [9°E – 13°50'E AND 62°N – 66°N])

- Vegetation types needed (syntaxa):

Wet meadows (both pasture or mowing)
Agrostietea (French Prodrumus)
Molinio-Arrhenatheretea : Cynosurion cristati ; Deschampsion cespitosae ; Calthion palustris ; Junco-Molinion ; Alopecurion pratensis ; Molinion caeruleae
Phragmitetea : Sparganio-Glycerion ; Oenathion aquaticae

- Other data selection criteria:

Species groups for selecting wet meadow vegetation.

- Envisaged publications:

One paper in an international journal

- 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):

Colleagues significantly contributing to the general concept of the paper, data analysis and interpretation will be offered co-authorship. Contributors of more than 10% of the total data set used for the final analysis and contributors of important data from the underrepresented vegetation types or areas will be offered the co-authorship. Intellectual input (especially the interpretation of the preliminary results) will be expected from the co-authors.

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>).

Rennes and Brno, 18 June 2015

Cloé Levointurier-Vajda, Milan Chytrý