

## ReSurveyEurope

### Project Metadata Form

When contributing data to ReSurveyEurope, please fill in this form for each resurvey project and send it to Ilona Knollová ([ikuzel@sci.muni.cz](mailto:ikuzel@sci.muni.cz)) together with the database. A resurvey project is understood as repeated sampling of a certain type of vegetation in a certain study area using specific methods.

- PROJECT NAME (identical with the Resurvey Project name given in the database):

Devin Phenology

- FULL PROJECT NAME (use if the full project name is longer than used in the database):

Interannual monitoring of vegetation dynamics on Děvín, SE Czech Republic

- REFERENCE (publication or URL or DOI of the dataset if published online):

- DATA OWNER: person(s), institution(s):

Kryštof Chytrý, Masaryk University

- CONTACT E-MAIL:

[krystof.chytry@gmail.com](mailto:krystof.chytry@gmail.com)

- METHODS (description of sampling design and methods):

The permanent plots are located on Děvín Hill (549 m a.s.l.) in the northern part of the Pavlov Hills, southern Moravia, Czech Republic. They document a vegetation of a dry rocky grassland (*Festucion valesiaca*) on shallow limestone soil. They are arranged in seven blocks with six plots in each. Plots have 50 × 50 cm<sup>2</sup> size. We established them in 2019 and then we sampled them 11 times in approximately monthly intervals. Since then, the sampling is done 5 times a year with two months-intervals and a longer gap in winter. The plots are permanently marked. In individual observations, we estimate cover (9degree Braun-Blanquet scale) of all vascular plants in the plot (only green/living parts), measure their maximum vegetative height (with 1 cm precision) and note their phenological stage (seedling, vegetative, flowering, fruiting). We pay particular attention at seedlings.

- ENVIRONMENTAL DATA (list of environmental data measured):

Overall cover of 1 herb layer, 2 bryophytes, 3 litter, 4 bare soil and 5 rocks. Pictures of plots taken in every sampling.

- MANIPULATED PLOTS (description of the treatment if the plots were manipulated, e.g. mowing twice a year, fertilizing by NPK once a year, post-fire succession)

Plots are not manipulated, neither managed.

Mikulov, 16. 04. 2022

Kryštof Chytrý