

## 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):

NP-Podyji-Thayatal-Dry-Grasslands

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

Dry grasslands of the Podyjí/Thayatal National Park

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

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

Milan Chytrý, Irena Axmanová

- CONTACT E-MAIL:

chytry@sci.muni.cz

- METHODS (description of sampling design and methods):

This resurvey project describes the vegetation of dry grasslands on the upper slopes of the Dyje (Thaya) river valley and the valleys of its tributaries (Fugnitz, Klaperův potok, Kajabach) in the National Parks Podyjí (Czech Republic) and Thayatal (Austria). The plots were first sampled by Milan Chytrý and Jiří Vicherek in 1991-1993, and resampled by Milan Chytrý and Irena Axmanová in 2022. The size of the 1990s plots varied from 8 to 25 m<sup>2</sup> (plots of non-square shape and smaller than 25 m<sup>2</sup> were usually used if there was no homogeneous vegetation patch of 25 m<sup>2</sup>). In 2022, the same plot size was used for each plot as in the 1990s survey. The old plots were not marked permanently, but their sites could be located with uncertainty between 10 and 170 m (in most cases, between 30 and 50 m). In 2022, the plots were marked with 20-cm nails and a metal circle in each of the four corners of the plot, and coordinates were measured by GPS in the centre of each plot. In each plot, all species of vascular plants were recorded, and their covers were estimated on the 9-degree Braun-Blanquet scale. Bryophytes and lichens were recorded in the 1990s survey but not in 2022.

- ENVIRONMENTAL DATA (list of environmental data measured):

Soil pH measured in water solution. Soil samples were taken from a depth of 5-10 cm in four places within the plot and mixed before pH measurement.

- 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)

Vegetation in the surveyed plots was not manipulated.

Brno, 14 August 2022

Milan Chytrý and Irena Axmanová