

### 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):

FertilizationMedows

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

Submontane mesic grasslands near Závěšín

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

Prach K., Vítovcová K., Řehouňková K. & Královec J. (2021) Three decades of vegetation changes in a submontane grassland after the cessation of intensive fertilization. *Preslia* 93: 169–179.

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

Karel Prach, University of South Bohemia in České Budějovice

- CONTACT E-MAIL:

prach@prf.jcu.cz

- METHODS (description of sampling design and methods):

Study of a long-term regeneration of heavily fertilized grassland near Závěšín. Experimental plots of 2.5 × 6.0 m were established in 1968. A randomized block design with different intensity of fertilisation. Data was collected in the first half of June 1990, 1994, 1996, 1997, 1999, 2003, 2006, 2009, 2012, 2015 and 2018, before the first mowing of the season – percentage cover estimates of all vascular plants in 4 x 2 m subplots (r, +, %)

- ENVIRONMENTAL DATA (list of environmental data measured):

- 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)

Y – different intensity of fertilization (no fertilizer applied; treated with applications of 80, 160 (the most common at that time), 240 and 320 kg/ha of nitrogen (N) in the form of ammonium nitrate per year.

České Budějovice, 9.2.2021

Karel Prach