

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) 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):

Moravsky Krumlov oakwood experiment

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

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

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

Jan Roleček

- CONTACT E-MAIL:

honza.rolecek@centrum.cz

- METHODS (description of sampling design and methods):

Where: Oakwood forest complex E of Moravský Krumlov (southern Moravia, Czech Republic)

Experiment: Influence of canopy thinning on herb layer of oakwoods

Design: The original experimental design included 90 plots (6 sites by 15 plots) with three levels of canopy thinning intensity equally represented (light, heavy, no = control; 5 replicates at each site). Present dataset includes 2 x 74 plots, as one whole site and one additional plot (16 plots in total) have been destroyed by forestry activities meanwhile. Baseline (pre-treatment) data are missing, surveys in 2009 and 2019 document vegetation development following the treatment after 10 and 20 years, respectively. Sampling design described in: Wild O. et al. 2013. Experimental restoration of coppice-with-standards: Response of understorey vegetation from the conservation perspective. - Forest Ecology and Management 310: 234–241. <http://dx.doi.org/10.1016/j.foreco.2013.07.056>

- ENVIRONMENTAL DATA (list of environmental data measured):

Aspect; slope; estimate of tree, shrub and herb layer cover.

- 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)

Canopy thinning (tree removal)

Brno, 6.1.2025

Jan Roleček