

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):

LOTVS70_Smilauer

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

Forbs and Grass removal experiment in grasslands

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

Šmilauer P., Šmilauerová M. 2013. Asymmetric relationship between grasses and forbs: results from a field experiment under nutrient limitation. Grass Forage Sci 68, 186–198.

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

Petr Šmilauer, Marie Šmilauerová

- CONTACT E-MAIL:

petrsm@jcu.cz, majka@prf.jcu.cz

- METHODS (description of sampling design and methods):

The data set consists of 40 plots located on an oligotrophic, traditionally managed meadow near Zvíkov, Czech Republic. The experimental design consisted of 10 replicates in each of four treatments: 1) no removals (an intact vegetation), 2) mycorrhizal grasses and forbs left, non-mycorrhizal species weeded out, 3) mycorrhizal forbs remaining, everything else weeded out, and 4) mycorrhizal grasses remaining, everything else weeded out. In all plots (1 m²), the percentage cover of all vascular species was estimated visually every year from 2005 to 2016.

- ENVIRONMENTAL DATA (list of environmental data measured):

Soil analysis (6/2011) – N, P, C, N-NH₄, N-NO₃, P-PO₄

- 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)

Removal of forbs, grasses, control plots

LOTVS metadata, 17.6.2021

Petr Šmilauer, University of South Bohemia, Czech Republic