

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

 Multitrophic diversity changes in Central European lowland forests
- REFERENCE (publication or URL or DOI of the dataset if published online):
 https://doi.org/10.1007/s10530-022-02793-8, and unpublished
- DATA OWNER: person(s), institution(s):
 Jiří Doležal, Tomáš Černý
- CONTACT E-MAIL:

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METHODS (description of sampling design and methods):

Vegetation relevés (917) were conducted to sample both the herbaceous and the tree layer in various lowland forest types in SE Czech Republic and SW Slovakia along Morava and Dyje (Thaya) Rivers. Plots were distributed across the landscape to include all different forest types including hardwood and softwood floodplain forests, preserved woods, managed forests, recent clearings, and plantations. The plot size is 10 by 10 m and plots are GPS georeferenced wit. The tree, shrub and herbaceous layers were sampled by visual estimates of the percentage cover of every species in every releve. All vascular plants were identified at the lowest taxonomical level as possible. Plots 1-299 were set up in 2012, mainly around the confluence of two rivers (Soutok), and resampled in 2021. Cover scale - Modified Brau-Blanquet (%)

- ENVIRONMENTAL DATA (list of environmental data measured):
 Soil water table depth, forest structural parameters based (live, dead wood, tree basal areas)
- 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)



3.10.2022, České Budějovice Jiří Doležal [in Trebon, 06.10.2022]