

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):
 ReSurvey of German streams and rivers
- FULL PROJECT NAME (use if the full project name is longer than used in the database):
 Habitat ecology and long-term development of the macrophyte vegetation of northwest German streams and rivers since the 1950s (PhD thesis title)
- REFERENCE (publication or URL or DOI of the dataset if published online):
 The raw data has not been published so far.
- DATA OWNER: person(s), institution(s):
 Kristina Steffen (BHF LandschaftsArchitekten, Kiel),
 Christoph Leuschner (Georg-August-Universität Göttingen)
- CONTACT E-MAIL:

steffen@bhf-ki.de; cleusch@gwdg.de

METHODS (description of sampling design and methods):

Historical plots from streams and rivers (1930s–1960s) were resurveyed in 2010/2011. In the reach of a sampling location, we chose a site where the macrophyte vegetation was well developed; particularly species-poor stands (e.g. under shading trees) were not selected. Relevé size was adapted to the size of the respective historical relevé. The cover values of all macrophyte species that rooted in the river bed below the water level were recorded using a modified Braun-Blanquet scale.

- ENVIRONMENTAL DATA (list of environmental data measured):
 - width and depth of the water course,
 - flow velocity (determined in the stream line with the drift method as it had been used by Weber-Oldecop, 1969)
 - sediment type within the plot
- 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)

Ν

Kiel, 26.1.2021



[place, date]

[owner's name]