

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):

Dengler_CH_Schwyz_fens

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

Resurvey in base-rich fen vegetation after 20 years in canton Schwyz, Switzerland

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

von Wartburg, V. (2022) Zustand und Entwicklung von kalkreichen Falchmooren im Kanton Schwyz - ein Resurvey nach 20 Jahren. Bachelor thesis, IUNR, ZHAW, Wädenswil, 44 pp. [Tuexenia paper in prep.]

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

Vera von Wartburg, Birmensdorf, Switzerland
Regula Billeter, ZHAW, Wädenswil, Switzerland

- CONTACT E-MAIL:

- vwartburg@gmx.ch
- regula.billeter@zhaw.ch
- dr.juergen.dengler@gmail.com

- METHODS (description of sampling design and methods):

46 plots of 2 m² (1 m x 2 m) of semi-natural baserich fens originally sampled 1998, resampled 2021 with ca. 10-20 m relocation accuracy with the same plot size. Details, see spreadsheet "Readme" in the provided Excel file

- ENVIRONMENTAL DATA (list of environmental data measured):

Elevation
Inclination
Aspect
Land use details
Landuse (old-new)
Fallow in 2021
Brachen
Age of fallow

Cover herb layer
Cover moss layer
Cover litter
Cover open ground
Cover dead wood & stones
Vegetation height
Change of landuse (ja/nein)

- **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)

No intentional treatment. The different land uses and land use changes reflect what is going on in the landscape in general

Wädenswil, 31 January 2023

Jürgen Dengler