

xReSurveyEurope

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):

Dierschke_1988_Buchenwald_Kahlschlaege

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

Pflanzensoziologische und ökologische Untersuchungen in Wäldern Süd-Niedersachsens, IV. Vegetationsentwicklung auf langfristigen Dauerflächen von Buchenwald-Kahlschlägen

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

Dierschke, H. (1988): Pflanzensoziologische und ökologische Untersuchungen in Wäldern Süd-Niedersachsens, IV. Vegetationsentwicklung auf langfristigen Dauerflächen von Buchenwald-Kahlschlägen. Tuexenia 8:307-326, [urn:nbn:de:hebis:30:3-381882](https://nbn-resolving.org/urn:nbn:de:hebis:30:3-381882)

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

- Ute Jandt
- Geobotany & Botanical Garden, Martin Luther University Halle-Wittenberg, Halle, Germany

- CONTACT E-MAIL:

ute.jandt@botanik.uni-halle.de

- METHODS (description of sampling design and methods):

The progressive secondary succession of two forms of the Melico-Fagetum on clear cuts near Göttingen has been studied since 1971 on two permanent plots. Clear cut of ca. 100 m width in winter 1970/71 was made for road construction through Melico-Fagetum forest but road never built. Start of permanent plots in spring 1971
Method Braun-Blanquet cover, plot size 8x8 m, recorded twice per year and then aggregated per year
As of 1987, three successional stages could be recognized:
1. A herbaceous pioneer stage (4-5 years): rapid change involving various
2. A Rubus thicket stage (3-4 years)
3. A pre forest stage

- ENVIRONMENTAL DATA (list of environmental data measured):

more info on geology and soil characteristics in publication (in German)
--
- 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 further treatment, natural succession
--

[Halle, 15.01.2023]

[Ute Jandt]