

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):

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

Seewinkel_Monitoring_Department of Botany and Biodiversity Research
- REFERENCE (publication or URL or DOI of the dataset if published online):

<https://doi.org/10.1007/s10980-025-02256-0>
- DATA OWNER: person(s), institution(s):

University of Vienna, Department of Botany and Biodiversity Research
- CONTACT E-MAIL:

elias.kapitany@univie.ac.at
- METHODS (description of sampling design and methods):

The grasslands were sampled annually in June from 2013 to 2024. Each year, we selected ten, or in some years slightly more, 50 × 50 m sites per management type (meadows, pastures and fallows) from a total pool of sites situated in a radius of 5 km around the village of Illmitz, Burgenland, Austria. A varying number of sites were resampled from year to year, due to occurring time-conflicts of sampling and mowing date as well as unforeseen management type changes on the sites; those not re-sampled were replaced by new ones. Over the 12 years this resulted in 102 sites sampled between 1 and 12 times - a table displaying all sampled sites for each year can be found in the supporting information of Kapitany et al., 2026. At each site, we selected four 2 × 5 m plots positioned in the corners of a transiently marked 30 × 30 m square, the center of which being relocated via GPS coordinates. For georeferencing we used Garmin Etrex10 devices (precision of ~3 m according to tests). For these plots, we collected a full list of all vascular plant species (determination followed Fischer et al. 2008), together with an estimate of their ground cover according to the 7-part Braun-Blanquet scale (Braun-Blanquet 1964).
- ENVIRONMENTAL DATA (list of environmental data measured):

None

- 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)

Vienna, 27.04.2026

Elias Kapitany