

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):

Krastini_grazing

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

Krastini grazing reintroduction project.
Funded by several projects during the monitoring period. Started in the frame of the project LIFE04 NAT/LV/000198 Meadows

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

Rūsiņa, S. 2008. Dabisko zālāju atjaunošanas pasākumu ietekme uz veģetāciju aizsargājamo ainavu apvidū "Ziemeļgauja" [Influence of semi-natural grassland restoration on the vegetation in the protected landscape area „Northern Gauja”]. In: Auniņš A. (red.) Aktuālā savvaļas sugu un biotopu apsaimniekošanas problemātika Latvijā. Latvijas Universitāte, Rīga, pp. 57-72.
http://old.lf.lv/upload_file/28934/LDF-057-072-rusina.pdf

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

Solvita Rūsiņa (all years), Latvian Fund for Nature (2004-2007), Nature Conservation Agency (2013-2014), University of Latvia (2018-2020), Viesturs Lārmanis (management data)

- CONTACT E-MAIL:

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- METHODS (description of sampling design and methods):

17 plots placed in representative sites over a larger landscape of abandoned floodplain grasslands restored by introduction of grazing in 2004. Plot size 5x5 m and 10x10 m in shrub/forested areas. Permanent plots marked by metal sticks in four corners and relocated by metal detector. Vascular plant species counted in nested plots (0.06, 0.12, 0.25, 0.50, 1.00, 2.00, 4.00, 8.00, 16.00, 25.00 and in shrub/forested areas 50.00 and 100.00 m²), cover of each species evaluated in per cent only in the largest plot. Moss species determined in some of the monitoring years. Monitoring years: 2004-2007, 2009 (only some plots), 2011, 2013 (only some plots), 2014, 2018-2020.

- ENVIRONMENTAL DATA (list of environmental data measured):

Stocking level (cattle units per hectare), each year; soil pH, N, P, K, C, Ca, Mg, cation exchange capacity for some plots in 2018.

- 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)

Grazing reintroduced in 2004 after abandonment period of about 10 years

[Riga, 21 January, 2021]

[Solvita Rūsiņa]