

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):

LOTVS32_Napal

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

Fertilization experiment in Mediterranean grasslands, Navarra, Spain

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

Gazol, A., Uria-Diez, J., Elustondo, D., Garrigó, J. and Ibáñez, R. (2016), Fertilization triggers 11 yr of changes in community assembly in Mediterranean grassland. *J Veg Sci*, 27: 728-738. <https://doi.org/10.1111/jvs.12409>

Voucher specimen's dataset:

Ibáñez R, Imas M (2022). PAMP-tracheo: Vascular plants in the research project on long-term vegetation sampling in Napal (Navarra, Spain). University of Navarra – Department of Environmental Biology. Occurrence dataset <https://doi.org/10.15470/fn44k6> accessed via GBIF.org on <date>.

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

Ricardo Ibáñez (Department of Environmental Biology, University of Navarra)

- CONTACT E-MAIL:

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- METHODS (description of sampling design and methods):

The data set consists of 12 permanent plots located on a calcareous grassland close to Napal, Spain. The experimental area was fenced and shrubs were removed. Six plots were fertilized (sewage sludge to the soil surface with 5000 g/m²) and six plots were used as controls. From 2004 to 2015, all vascular plant species were measured annually using frequencies. Each plot (1 m²) was divided into 100 subplots, and the presence/absence of each species was recorded, obtaining values of frequencies ranging from 0-100 (0=absent; 100=present in all 100 subplots).

- ENVIRONMENTAL DATA (list of environmental data measured):

- 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)

Exclusion of grazing, Fertilization

Ricardo Ibáñez

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