

**Project Metadata Form**

- PROJECT NAME (identical with the Resurvey Project name given in the database):

CircumMed database

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

Resampled and permanent plots of different vegetation types arising from published and unpublished material

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

**IT\_0011a CircumMed database – Germany**, conversion of anthropogenic forests into more natural forest communities, permanent manipulated data, DOI: 10.1007/s10342-006-0148-0  
**IT\_0011b CircumMed database resampling - Italian Alps**, Unpublished data  
**IT\_0011c CircumMed database - pine forests**, permanent manipulated data, selective thinning of artificial black pine forests, DOI: 10.15287/afr.2020.2006  
**IT\_0011d CircumMed database resampling – Valsugana, DOI: 10.1111/avsc.70012**  
**IT\_0011e CircumMed database resampling - Val Venegia** – site comparison, old relevés of two macrohabitats with unknown precise location were resampled by other relevés in the same area.

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

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- METHODS (description of sampling design and methods):

**IT\_0011a Germany** - The 8 forest plots arising from published material are thus divided:

- (1) No silvicultural management, fencing (stand/plot 1);
- (2) No silvicultural management, no fencing (stand/plot 2);
- (3) Reduction of pine canopy cover, no other silvicultural measures, no fencing (stand/plot 3), and
- (4) Reduction of pine canopy cover and fencing; additionally planting of mainly *Quercus petraea* and *Qu. robur*, but also of *Acer platanoides*, *Carpinus betulus*, *Tilia cordata*, and *Ulmus glabra* in rows with about 4 m distance from each other and a density of altogether 5,000 specimen/ha (stand/plot 4).

**IT\_0011b Italian Alps** - 8 plots resampled plots (unpublished data) recorded with a preferential Br-BI sampling for monitoring activities. Precise relocation (by author of original plots).

**IT\_0011c Pine forests** - 27 permanent plots (Amiata Mt.) and 27 permanent plots (Pratomagno) repeated 2015-2018. The purpose was to study the effect of pine plantation management on fungi. Different type of thinning.

**IT\_0011d Valsugana, Eastern Alps, Italy** - 133 Resampled vegetation plots of grasslands (and few scrubs) along an elevation gradient of approximately 2000 meters by the original surveyor. Data include mosses and a few lichen species.

**IT\_0011e Val Venegia, Eastern Alps, Italy** – 29 old plots resampled with 41 plots of two macrohabitats.

- ENVIRONMENTAL DATA (list of environmental data measured):

For the relevés arising from 10.1007/s10342-006-0148-0 (IT\_0011a) are available silvicultural measures, not environmental.

- 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)

IT\_0011a – 4 plots reduction of pine canopy cover, 2 plots planting, fencing  
IT\_0011b – N  
IT\_0011c – Y, two types of thinning and control  
IT\_0011d – N  
IT\_0011e – N

Siena, 27 February 2025

Gianmaria Bonari