

Rock glaciers, Prealps, Vaud, Switzerland, Version 1

USER GUIDE

How to Cite These Data

As a condition of using these data, you must include a citation:

Schoeneich, P., C. Lambiel, and L. Wenker 1998. *Rock glaciers, Prealps, Vaud, Switzerland, Version 1*. [Indicate subset used]. Boulder, Colorado USA. NSIDC: National Snow and Ice Data Center. <https://doi.org/10.7265/19xy-5n82>. [Date Accessed].

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FOR CURRENT INFORMATION, VISIT <https://nsidc.org/data/GGD292>



National Snow and Ice Data Center

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Notice:

This data set was first published on the [1998 CAPS CD](#).
The text for this document was taken unchanged from that CD.

1 DATA DESCRIPTION

1.1 Geographic extent

1.1.1 Study location

Pierreuse, Etivaz, Hongrin and Ormonts valleys, Prealps, Switzerland

Northwestern latitude 46 28' N

Northwestern longitude 7 00' E

Southeastern latitude 46 18' N

Southeastern longitude 7 13' E

1.1.2 Period of investigation

1990-1995

1.2 Description

The investigated area forms part of the western lobe of the Swiss Prealps. The 25 identified fossil rock glaciers are found mainly in the Prealpes Medianes Rigides Nappe and the Niesen Nappe, at altitudes of 1500 to 2100 m. They represent at least 3 generations of fossil periglacial forms of late-glacial age (older than Boelling), at about 1200, 950 and 700 m, respectively, below today's permafrost boundary. These fossil features are related to glacial stages and form part of a detailed late-glacial morphostratigraphy. Information in the files includes: orientation, elevation of the source and the front, area, type of form, type of material, lithology and generation.

1.3 Current storage of data

The inventory is stored on electronic file (Filemaker Pro 2.0 for Macintosh) and on paper. The data are not at risk of being lost, as they are stored at:

University of Lausanne, Institute of Geography

BFSH 2

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2 CONTACTS AND ACKNOWLEDGMENTS

2.1 Investigator

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3 REFERENCES

SCHOENEICH Philippe (1992). Glaciers rocheux fossiles dans les Prealpes vaudoises. Bulletin de la Societe vaudoise de Sciences naturelles, 82.1, p. 35-55 + Bulletin de geologie Lausanne, ní 318 (= Fossil rock-glaciers in the Prealpes vaudoises)

SCHOENEICH Philippe (1997). Le retrait glaciaire dans les vallees des Ormonts, de l'Hongrin et de l'Etivaz (Prealpes vaudoises). Travaux et recherches ní 14, Institut de Geographie, Universite de Lausanne, 483 p. (= The deglaciation in the Ormonts, Hongrin and Etivaz valleys)

4 DOCUMENT INFORMATION

4.1 Please cite the data as follows

Schoeneich, P. 1998. Rock glaciers of the Prealps, Vaud, Switzerland. In: International Permafrost Association, Data and Information Working Group, comp. Circumpolar Active-Layer Permafrost System (CAPS), version 1.0. CD-ROM available from National Snow and Ice Data Center, nsidc@kryos.colorado.edu. Boulder, Colorado: NSIDC, University of Colorado at Boulder.

4.2 Publication Date

January 1998

4.3 Date Last Updated

January 2021