

Phytobase C2005 – vegetation database of Swiss floodplains (Braun-Blanquet plots)

Christian Roulier

Abstract: Alluvial zones are dynamic habitats which are very rich in species. As they are highly endangered, the Swiss Federal Council has recorded them in an inventory, as required under the article 18a of the Federal Act on the Protection of Nature and Cultural Heritage (NCHA; SR 451). The alluvial zones vegetation database (Phytobase C2005; GIVD ID EU-CH-008) contains 1,241 relevés from whole Switzerland, ranging from 200 to 3,000 m. Relevés were assessed between 1987 and 2008 from 20 different people. These relevés were done using the classical - Braun-Blanquet - method.

Keywords: alluvial zone; Switzerland; vegetation.

GIVD Database ID: EU-CH-008		Last update: 2012-05-09
Phytobase C2005		
Scope: The Phytobase C2005 vegetation database contains 1,241 relevés from alluvial zones in whole Switzerland, ranging from 200 to 3,000 m. Relevés were assessed between 1987 and 2008 from around 20 different botanists. These relevés were made using the classical - Braun-Blanquet - method.		
Status: completed and continuing	Period: 1987-2008	
Database manager(s): Christian Roulier (scza@bluewin.ch)		
Owner: Federal Office for the Environment FOEN and University of Neuchâtel (Switzerland)		
Web address: http://www.bafu.admin.ch/schutzgebiete-inventare/07839/index.html?lang=de		
Availability: according to a specific agreement	Online upload: no	Online search: no
Database format(s): MS Access		Export format(s): Excel, PDF, plain text file
Publication: Moor M. 1958: "Pflanzengesellschaften Schweizerischer Flusssauen". Mitt. der Schweiz. Anstalt für das forstliche Versuchswesen, 34. 219-359.		
Plot type(s): normal plots		Plot-size range: 10-900 m ²
Non-overlapping plots: 1,241	Estimate of existing plots: 1,241	Completeness: 100%
Total plot observations: 1,241	Number of sources: 1	Valid taxa: 1,050
Countries: CH: 100.0%		
Forest: [NA] — Non-forest: [NA]		
Guilds: all vascular plants: 100%		
Environmental data: altitude: 100%; slope aspect: 50%; slope inclination: 100%; microrelief: 50%; soil depth: 100%; surface cover other than plants (open soil, litter, bare rock etc.): 50%; soil pH: 50%; other soil attributes: 100%; land use categories: 50%		
Performance measure(s): cover: 100%		
Geographic localisation: GPS coordinates (precision 25 m or less): 75%; point coordinates less precise than GPS, up to 1 km: 25%		
Sampling periods: 1980-1989: 75.0%; 1990-1999: 12.0%; 2000-2009: 13.0%		
Information as of 2012-07-12; further details and future updates available from http://www.givd.info/ID/EU-CH-008		

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