

CL-Dataveg – a database of Chilean grassland vegetation

Miguel Alvarez, Bodo Maria Mösel, Cristina San Martín, Carlos Ramírez & Javier Amigo

Abstract: Grassland vegetation in temperate Chile is dominated by European plant species. Since those plant communities got established spontaneously, they offer us the possibility to study invasion (dispersal) dynamics at the synecological level. In this ongoing project we are collecting published relevés of the temperate and Antarctic regions of Chile, storing them in a TURBOVEG-database (CL-Dataveg; GIVD ID SA-CL-001). Also relevés from the Argentinean Patagonia are included. The main aims of this project are to develop a summarizing classification of the grassland vegetation in the geographical range mentioned above and to confirm its assignment into the class *Molinio-Arrhenatheretea* (included until now in the the *Agrostidion chilensis* Oberdorfer alliance, 1960). Secondary aims are to describe the geographic patterns of distribution, to compare the South American plant communities with their European counterparts, and to identify missing surveys. The future inclusion of all available data of the vegetation in Chile into CL-Dataveg is also considered.

Keywords: *Agrostidion chilensis*; anthropogenic vegetation; *Molinio-Arrhenatheretea*; phytosociology.

GIVD Database ID: SA-CL-001		Last update: 2012-05-07	
CL-Dataveg			
Scope: All available relevés of grassland vegetation including the sub-Mediterranean, temperate, and Antarctic belts in South Chile and South Argentina.			
Status: ongoing capture		Period: 1975-2008	
Database manager(s): Miguel Alvarez (malvarez@uni-bonn.de)			
Owner: Dr. Miguel Alvarez (private)			
Web address: http://www.ipe.uni-bonn.de/pflanzenernaehrung/mitarbeiter/m_alvarez			
Availability: according to a specific agreement		Online upload: no	Online search: no
Database format(s): TURBOVEG, MS Access		Export format(s): TURBOVEG, MS Access	
Publication: [NA]			
Plot type(s): normal plots		Plot-size range: 1-100 m ²	
Non-overlapping plots: 650	Estimate of existing plots: 1,500	Completeness: 43%	
Total plot observations: 650	Number of sources: 18	Valid taxa: 403	
Countries: CL: 100.0%			
Forest: [NA] — Non-forest: [NA]			
Guilds: all vascular plants: 100%			
Environmental data: [NA]			
Performance measure(s): cover: 100%			
Geographic localisation: small grid (not coarser than 10 km): 100%			
Sampling periods: 1970-1979: 8.7%; 1990-1999: 74.1%; 2000-2009: 17.2%			
Information as of 2012-07-12; further details and future updates available from http://www.givd.info/ID/SA-CL-001			

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