

Vegetation Database of Southern Morocco

Manfred Finckh

Abstract: The Vegetation Database of Southern Morocco (GIVD ID AF-MA-001) compiles vegetation relevés and permanent plot data from south-central Morocco, with a special focus on the provinces of Ouarzazate and Zagora. Most of the data was sampled within the research projects IMPETUS (<http://www.impetus.uni-koeln.de>) and BIOTA Maroc (<http://www.biota-africa.org/>). The database includes most types of natural rangelands occurring in this area, in especially oromediterranean screes, oromediterranean cushion shrubs, Sagebrush steppes, Halfa-steppes, presaharan *Hammada*-steppes, Saharan rock desert, Saharan regs, Saharan sand dunes, *Acacia*-wadis, and halophytic salt pan vegetation. A special feature of the database are vegetation monitoring data from 35 permanent plots and two BIOTA Biodiversity Observatories along an altitudinal transect from the Mgoun area in the Central High Atlas down to the Lac Iriki at the Algerian Border. Those data include individual based plot observations and repeated relevés covering the period from 2001 to 2009.

Keywords: BIOTA Biodiversity Observatory; permanent plot; rangeland vegetation.

GIVD Database ID: AF-MA-001		Last update: 2012-05-06	
Vegetation Database of Southern Morocco			
Scope: Rangeland vegetation of Southern Morocco from the High Atlas to the Sahara with focus on the Draa-catchment. The data set includes individual based permanent plots and Biodiversity Observatories.			
Status: completed and continuing		Period: 1952-2009	
Database manager(s): Manfred Finckh (manfred.finckh@uni-hamburg.de)			
Owner: BIOTA Data Facility			
Web address: http://www.biota-africa.org			
Availability: according to a specific agreement		Online upload: no	Online search: no
Database format(s): MS Access, BIOTABase		Export format(s): TURBOVEG, MS Access, CSV file	
Publication: [NA]			
Plot type(s): normal plots; nested plots; time series		Plot-size range: 0.25-10,000 m ²	
Non-overlapping plots: 1,790	Estimate of existing plots: 44,984	Completeness: 4%	
Total plot observations: 44,984	Number of sources: 4	Valid taxa: 732	
Countries: MA: 100.0%			
Forest: 0% — Non-forest: aquatic: 0%; semi-aquatic: 0%; arctic-alpine: 0%; natural: 100%; semi-natural: 0%; anthropogenic: 0%			
Guilds: all vascular plants: 100%			
Environmental data: altitude: 98%; slope aspect: 92%; slope inclination: 92%; microrelief: 92%; soil pH: 20%; other soil attributes: 100%			
Performance measure(s): cover: 100%			
Geographic localisation: GPS coordinates (precision 25 m or less): 92%; political units or only on a coarser scale (>10 km): 98%			
Sampling periods: 1990-1999: 2.3%; 2000-2009: 92.7%			
Information as of 2012-07-12; further details and future updates available from http://www.givd.info/ID/AF-MA-001			

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