

Vegetation Database *Mulgedio-Aconitetea* and Related Vegetation Types

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Abstract: This paper describes the structure and content of the Vegetation Database *Mulgedio-Aconitetea* and Related Vegetation Types (GIVD ID EU-00-005). The database was initiated in 2004 to prepare a large-scale consistent classification of the target class in central and northern Europe on the basis of individual relevés. It aims at collecting all available phytosociological relevés that are assigned to the *Mulgedio-Aconitetea* by their authors or appear to have similar species combinations. Presently, 2,852 of an estimated total of 10,000 relevés are available in the database, which is run offline with the program TURBOVEG. Most of the relevés are from central Europe. The content includes also relevés of the class *Betulo carpaticae-Alnetea viridis*. The data are used to prepare large-scale classifications in cooperation with interested colleagues. Proposals for joint analyses are welcome.

Keywords: *Adenostyletalia alliariae*; *Betulo-Adenostyletea*; *Betulo carpaticae-Alnetea viridis*; biodiversity informatics; *Calamagrostietalia villosae*; phytosociology; vegetation classification.

GIVD Database ID: EU-00-005		Last update: 2012-05-03	
Vegetation Database <i>Mulgedio-Aconitetea</i> and Related Vegetation Types			
Scope: The database contains relevés of montane to alpine tall-herb vegetation of the phytosociological class <i>Mulgedio-Aconitetea</i> and related communities. The data originate mainly from central and northern Europe and mainly from literature sources. The aim of the ongoing capture is, to collect all available relevés of the target class for a large-scale syntaxonomical classification using individual relevés.			
Status: ongoing capture		Period: 1911-2008	
Database manager(s): Thomas Michl (tho.michl@web.de)			
Owner: Thomas Michl E-Mail: tho.michl@web.de (private)			
Web address: [NA]			
Availability: according to a specific agreement		Online upload: no	Online search: no
Database format(s): TURBOVEG		Export format(s): TURBOVEG	
Publication: [NA]			
Plot type(s): normal plots		Plot-size range: 0.25-3,000 m ²	
Non-overlapping plots: 2,852	Estimate of existing plots: 10,000	Completeness: 29%	
Total plot observations: 2,852	Number of sources: 100	Valid taxa: [NA]	
Countries: AT: 4.0%; CH: 6.7%; CZ: 13.6%; DE: 34.6%; ES: 0.7%; FI: 2.8%; FR: 5.9%; IT: 0.6%; LI: 3.1%; NO: 7.9%; PL: 2.7%; RO: 2.8%; SE: 2.7%; SI: <0.1%; SK: 9.1%; UA: 2.8%			
Forest: [NA] — Non-forest: [NA]			
Guilids: all vascular plants: 100%; bryophytes (terricolous or aquatic): 70%; lichens (terricolous or aquatic): 70%			
Environmental data: altitude: 96%; slope aspect: 68%; slope inclination: 76%; microrelief: 3%; soil depth: 10%; surface cover other than plants (open soil, litter, bare rock etc.): 10%; soil pH: 5%; other soil attributes: 3%			
Performance measure(s): cover: 100%			
Geographic localisation: GPS coordinates (precision 25 m or less): 10%; small grid (not coarser than 10 km): 20%; political units or only on a coarser scale (>10 km): 100%			
Sampling periods: < 1919: 0.0%; 1920-1929: 1.5%; 1930-1939: 10.5%; 1940-1949: 1.6%; 1950-1959: 8.0%; 1960-1969: 14.0%; 1970-1979: 14.8%; 1980-1989: 22.8%; 1990-1999: 15.4%; 2000-2009: 11.3%; unknown: 0.1%			
Information as of 2012-07-12; further details and future updates available from http://www.givd.info/ID/EU-00-005			

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