

Vegetation Database of the Dry Grasslands from the Transylvanian Basin

Eszter Ruprecht, Annemária Fenesi & Anna Szabó

Abstract: This paper describes the structure and content of the Vegetation Database of the Dry Grasslands from the Transylvanian Basin – Romania (GIVD ID EU-RO-002). It aims to collect all available phytosociological relevés of dry grasslands and related communities (specifically the phytosociological classes *Festuco-Brometea*, *Koelerio-Corynephoretea*, *Festucetea vaginatae*, *Trifolio-Geranietea sanguinei*, *Seslerietea albicantis*, *Asplenietea trichomanis* and *Sedo-Scleranthetea*) from the study region (Transylvanian Basin - Romania). Presently, 1,467 digitized relevés of an estimated total of 4,000 are available in the database, which comprises data on dry grassland and related communities (95%), together with data on similar vegetation units (*Molinio- Arrhenatheretea*, *Nardo-Callunetea*; 5%). The database contains relevés from the literature (1935-2010) published mainly in Romanian journals and relevés monitored by the members of the Working Group on dry grasslands from Romania - Transylvanian Basin, since 2002. The data are mainly used by the Working Group on dry grasslands from Romania, however external proposals for joint analyses are welcomed.

Keywords: phytosociology; plot; relevé.

GIVD Database ID: EU-RO-002		Last update: 2012-05-12	
Vegetation Database of the Dry Grasslands from the Transylvanian Basin			
Scope: It aims to collect all available phytosociological relevés of dry grasslands and related communities (specifically the phytosociological classes <i>Festuco-Brometea</i> , <i>Koelerio-Corynephoretea</i> , <i>Festucetea vaginatae</i> , <i>Trifolio-Geranietea sanguinei</i> , <i>Seslerietea albicantis</i> , <i>Asplenietea trichomanis</i> and <i>Sedo-Scleranthetea</i>) from the study region (Transylvanian Basin - Romania).			
Status: ongoing capture		Period: 1935-2011	
Database manager(s): Eszter Ruprecht (eszter.ruprecht@ubbcluj.ro)			
Owner: Working Group on Dry Grasslands from Romania - Transylvanian Basin; Eszter Ruprecht, Hungarian Department of Biology and Ecology, Babes-Bolyai University, Republicii street 42., 400015 Cluj-Napoca, Romania; e-mail: eszter.ruprecht@ubbcluj.ro			
Web address: [NA]			
Availability: according to a specific agreement		Online upload: no	Online search: no
Database format(s): TURBOVEG, Excel		Export format(s): TURBOVEG, Excel	
Publication: [NA]			
Plot type(s): normal plots		Plot-size range: 1-300 m ²	
Non-overlapping plots: 1,467	Estimate of existing plots: 4,000	Completeness: 37%	
Total plot observations: 1,467	Number of sources: 47	Valid taxa: 1,138	
Countries: RO: 100.0%			
Forest: [NA] — Non-forest: [NA]			
Guilds: all vascular plants: 100%; bryophytes (terricolous or aquatic): 2%			
Environmental data: altitude: 99%; slope aspect: 96%; slope inclination: 92%; soil depth: 13%; other soil attributes: 45%			
Performance measure(s): cover: 14%; other: 86%			
Geographic localisation: political units or only on a coarser scale (>10 km): 100%			
Sampling periods: 1930-1939: 4.0%; 1940-1949: 8.0%; 1950-1959: 5.0%; 1960-1969: 26.0%; 1970-1979: 14.0%; 1980-1989: 3.0%; 1990-1999: 5.0%; 2000-2009: 23.0%; 2010-2019: 6.0%; unknown: 6.0%			
Information as of 2012-07-12; further details and future updates available from http://www.givd.info/ID/EU-RO-002			

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