

# Balkan Dry Grasslands Database

Kiril Vassilev, Zora Dajić Stevanović, Renata Cušterevska, Erwin Bergmeier & Iva Apostolova

**Abstract:** Dry grasslands on the Balkan Peninsula are characterized by a rich diversity. They include syntaxa mostly referred to *Festuco-Brometea*. Relevés from Bulgaria, Serbia, Macedonia, Kosovo and Greece are included in this database aiming to cover geographically the central part of the peninsula. Significant parts of the data have been collected in the recent years. More than 150 literature sources have been collected and their data were digitized. The database is in TURBOVEG format. It includes 4,520 relevés. All of them contain ecological data as well as quantitative estimates for the species. About 15% of the samples contain cryptogams. Some of the relevés overlap with national or private databases. The database is built on collaboration among scientists dealing with vegetation classification from all countries in the Central Balkans. This report describes the available content in the Balkan Dry Grasslands Database (GIVD ID EU-00-013).

**Keywords:** *Festuco-Brometea*; relevé; steppe; vegetation.

GIVD Database ID: EU-00-013		Last update: 2012-05-06	
<b>Balkan Dry Grasslands Database</b>			
<b>Scope:</b> Relevés from dry grasslands ( <i>Festuco-Brometea</i> , <i>Helianthemetea guttati</i> , <i>Koelerio-Coryneporetea</i> incl. <i>Sedo-Scleranthetea</i> and <i>Festucetea vaginatae</i> ) collected from the Balkan peninsula. The plot size varies between 16 - 100 m <sup>2</sup> .			
<b>Status:</b> emerging		<b>Period:</b> 1947-2011	
<b>Database manager(s):</b> Kiril Vassilev (kiril5914@abv.bg)			
<b>Owner:</b> Kiril Vassilev, Zora Dajić Stevanović, Renata Cušterevska, Erwin Bergmeier, Iva Apostolova (private)			
<b>Web address:</b> [NA]			
<b>Availability:</b> according to a specific agreement		<b>Online upload:</b> no	<b>Online search:</b> no
<b>Database format(s):</b> TURBOVEG		<b>Export format(s):</b> TURBOVEG	
<b>Publication:</b> [NA]			
<b>Plot type(s):</b> normal plots; nested plots		<b>Plot-size range:</b> 16-100 m <sup>2</sup>	
<b>Non-overlapping plots:</b> 4,520	<b>Estimate of existing plots:</b> [NA]	<b>Completeness:</b> [NA]	
<b>Total plot observations:</b> 4,520	<b>Number of sources:</b> 150	<b>Valid taxa:</b> [NA]	
<b>Countries:</b> BG: 45.0%; GR: 5.0%; MK: 13.0%; RS: 37.0%			
<b>Forest:</b> [NA] — <b>Non-forest:</b> [NA]			
<b>Guilds:</b> all vascular plants: 100%; bryophytes (terricolous or aquatic): 15%; lichens (terricolous or aquatic): 10%			
<b>Environmental data:</b> altitude: 96%; slope aspect: 85%; slope inclination: 89%; soil pH: 18%			
<b>Performance measure(s):</b> [NA]			
<b>Geographic localisation:</b> GPS coordinates (precision 25 m or less): 31%			
<b>Sampling periods:</b> 1940-1949: 1.0%; 1950-1959: 7.0%; 1960-1969: 7.0%; 1970-1979: 14.0%; 1980-1989: 5.0%; 1990-1999: 4.0%; 2000-2009: 30.0%; 2010-2019: 32.0%			
<b>Information as of 2012-07-12; further details and future updates available from <a href="http://www.givd.info/ID/EU-00-013">http://www.givd.info/ID/EU-00-013</a></b>			

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