

Vegetation Database Forest of Southern Ural

Vasilij Martynenko, Pavel Shirokikh, Ayzik Solomeshch & Albert Muldashev

Abstract: The Vegetation Database Forest of Southern Ural (GIVD ID 00-RU-001) was established in 1996 at the Laboratory of Geobotany and Conservation of Vegetation in the Institute of Biology of Ufa Scientific Center of RAS. The database contains geobotanical relevés of primeval zonal forest of South-Ural region and their mountain analogues. It includes almost all the different types of primeval forest of region. The database is used to develop syntaxonomy of Southern Urals forests, for identifying features of the flora and forest vegetation of the region, for phytocoenological and ecological analysis of the syntaxa at all levels, for the comparison with syntaxa-analogues from other regions and investigation of relationships on the species and ecosystem levels. Also, this database is used as the basis for the development of classification secondary forests communities of South-Ural region, the construction chronocone succession of natural regeneration of the original community types and developing recommendations for stimulating restoration succession.

Keywords: Bashkortostan Republic; mountain forest; primeval root zonal forest; Russia; South-Ural region.

GIVD Database ID: 00-RU-001		Last update: 2012-05-12
Vegetation Database Forest of Southern Ural		
Scope: The database contains data from forest vegetation plots collected since 1977 during reasearch expeditions in the Southern Urals (Bashkortostan Republic).		
Status: completed and continuing	Period: 1977-2009	
Database manager(s): Vasilij Martynenko (Vasmar@anrb.ru); Pavel Shirokikh (Shirpa@mail.ru); Ayzik Solomeshch (aizsolom@plantsciences.ucdavis.edu)		
Owner: Institute ob biology, Ufa Scientific Center Russian Academy of Sciences (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: 100-1,000 m ²	
Non-overlapping plots: 2,270	Estimate of existing plots: [NA]	Completeness: [NA]
Total plot observations: 2,270	Number of sources: [NA]	Valid taxa: [NA]
Countries: RU: 100.0%		
Forest: [NA] — Non-forest: [NA]		
Guilds: all vascular plants: 100%; bryophytes (terricolous or aquatic): 100%; lichens (terricolous or aquatic): 90%		
Environmental data: altitude: 80%; slope aspect: 100%; slope inclination: 80%; microrelief: 85%; soil depth: 68%; soil pH: 10%		
Performance measure(s): cover: 100%; measurements like diameter or height of trees: 100%		
Geographic localisation: GPS coordinates (precision 25 m or less): 74%; point coordinates less precise than GPS, up to 1 km: 26%		
Sampling periods: 1970-1979: 0.6%; 1980-1989: 16.5%; 1990-1999: 34.3%; 2000-2009: 48.6%		
<i>Information as of ; further details and future updates available from http://www.givd.info/ID/00-RU-001</i>		

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