

Wetland Vegetation Database of Baikal Siberia (WETBS)

Victor Chepinoga

Abstract: Following Siberian botanists and biogeographers, we consider Baikal Siberia to consist of the three federal subjects (regions): Irkutsk Oblast', Republic of Buryatia and Zabaikalskii Krai (former Chita Oblast'). The Wetland Vegetation Database of Baikal Siberia (WETBS; GIVD ID AS-RU-001) was established in 2002 at the Department of Botany and Genetics of the Irkutsk State University. It contains 2,806 relevés of aquatic and wetland vegetation sampled mainly in the southern part of Baikal Siberia during the summers of 2002–2010. WETBS covers all kinds of water bodies (freshwater lakes, ponds, river backwaters, steppe lakes, quarry lakes, ephemeral water bodies), rivers, brooks as well as adjacent wetlands. The main purposes of the WETBS are developing of syntaxonomy of the corresponding vegetation types, ecological analysis of vegetation and vegetation mapping. The WETBS is supported by IBIS software (Integrated Botanical Information System) which provides data storage, data analysis and data exchange.

Keywords: aquatic and marsh vegetation; Southern Siberia; wetland.

GIVD Database ID: AS-RU-001		Last update: 2012-07-10
Wetland Vegetation Database of Baikal Siberia (WETBS)		
Scope: The database contains 2,806 original relevés of aquatic and wetland vegetation collected in southern part of Baikal Siberia (SE Siberia) during field expeditions since 2002. Investigations cover all kinds of water bodies (freshwater lakes, ponds, river backwaters, steppe lakes, quarry lakes, ephemeral water bodies), rivers, brooks as well as adjacent wetlands. Plot sizes ranged between 1 to 100 m ² . Plot records are supplemented by information about water depth and bottom soil structure.		
Status: completed and continuing	Period: 2002-2010	
Database manager(s): Victor Chepinoga (Victor.Chepinoga@gmail.com)		
Owner: Victor Chepinoga (private)		
Web address: [NA]		
Availability: according to a specific agreement	Online upload: no	Online search: no
Database format(s): [NA]	Export format(s): TURBOVEG, Excel, CSV file	
Publication: [NA]		
Plot type(s): normal plots	Plot-size range: 1-100 m ²	
Non-overlapping plots: 2,806	Estimate of existing plots: [NA]	Completeness: [NA]
Total plot observations: 2,806	Number of sources: [NA]	Valid taxa: 678
Countries: RU: 100.0%		
Forest: [NA] — Non-forest: aquatic: 37%; semi-aquatic: 45%; arctic-alpine: [NA]; natural: 18%; semi-natural: [NA]; anthropogenic: [NA]		
Guilds: all vascular plants: 100%		
Environmental data: altitude: 36%; soil depth: 100%		
Performance measure(s): cover: 100%		
Geographic localisation: GPS coordinates (precision 25 m or less): 29%; point coordinates less precise than GPS, up to 1 km: 71%		
Sampling periods: 2000-2009: 98.2%; 2010-2019: 1.9%		
<i>Information as of 2012-07-12; further details and future updates available from http://www.givd.info/ID/AS-RU-001</i>		

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