

Phytosociological Relevé Database of Japan (PRDB)

Nobuyuki Tanaka

Abstract: The Phytosociological Relevé Database of Japan (PRDB; GIVD ID AS-JP-001) is the database composed of many plot (relevé) data on every type of vegetation, which have been collected throughout Japan with the phytosociological method. A relevé datum comprises the ID no., survey date, surveyor name, references, surveyed area, location, environmental data, community structure, species name and their dominance, etc. The PRDB provides the information on the distribution of a variety of species. The PRDB has been constructed by research projects about the assessment of climate change impact on vegetation and biodiversity.

Keywords: every type of vegetation; vegetation plot; whole Japan.

GIVD Database ID: AS-JP-001		Last update: 2012-07-09	
Phytosociological Relevé Database of Japan (PRDB)			
Scope: Phytosociological Relevé Database of Japan (PRDB) is the database composed of many plot (relevé) data on every type of vegetation, which have been collected throughout Japan with the phytosociological method. The PRDB provides the information on distribution of a variety of plant species. The PRDB has been constructed under research projects on impact assessment of climate change on vegetation and biodiversity.			
Status: emerging		Period: 1950-2008	
Database manager(s): Nobuyuki Tanaka (ntanaka@affrc.go.jp)			
Owner: Forestry and Forest Products Research Institute			
Web address: http://www.ffpri.affrc.go.jp/labs/prdb/EnglishVer/index-e.html			
Availability: according to a specific agreement		Online upload: no	Online search: no
Database format(s): FVD		Export format(s): plain text file	
Publication: Tanaka, N., Matsui, T., Shimada, K., Yagihashi, T., and Taoda, H. (2005) Constructing Vegetation Databases Useful for Assessing Impact of Climate Changes in Japan. <i>Journal of Agricultural Meteorology</i> 60: 433-438.			
Plot type(s): normal plots		Plot-size range: 1-2500 m ²	
Non-overlapping plots: 39,287	Estimate of existing plots: [NA]	Completeness: [NA]	
Total plot observations: 39,287	Number of sources: [NA]	Valid taxa: [NA]	
Countries: JP: 100.0%			
Forest: [NA] — Non-forest: [NA]			
Guilds: all vascular plants: 100%; bryophytes (terricolous or aquatic): 1%; lichens (terricolous or aquatic): 1%; non-terricolous taxa (epiphytic, saxicolous, lignicolous): 5%			
Environmental data: altitude: 90%; slope aspect: 70%; slope inclination: 70%; microrelief: 40%; surface cover other than plants (open soil, litter, bare rock etc.): 20%			
Performance measure(s): presence/absence only: 5%; cover: 95%			
Geographic localisation: GPS coordinates (precision 25 m or less): 1%; point coordinates less precise than GPS, up to 1 km: 4%; small grid (not coarser than 10 km): 70%; political units or only on a coarser scale (>10 km): 25%			
Sampling periods: [NA]			
<i>Information as of 2012-07-12; further details and future updates available from http://www.givd.info/ID/AS-JP-001</i>			

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