

Vegetation Database of Temperate Deciduous Forests of the Göttinger Wald

Wolfgang Schmidt, Michaela Dölle & Andreas Parth

Abstract: The Vegetation Database of Temperate Deciduous Forests of the Göttinger Wald (GIVD ID EU-DE-018) offers forest vegetation relevés obtained from various research projects between 1955-2011 in the Göttinger Wald (S-Lower Saxony, Germany). Single surveys as well as repeated surveys are included. Beech forests ecosystems on limestone with variable fractions of other broadleaved trees (e.g. *Acer pseudoplatanus*, *Fraxinus excelsior*) are characteristic. The database comprises classical phytosociological data, experimental ecological data and additional data for population-biological analysis.

Keywords: beech forest; Germany; limestone.

GIVD Database ID: EU-DE-018	Last update: 2012-05-09	
Vegetation Database of Temperate Deciduous Forests of the Göttinger Wald		
Scope: data obtained from various research projects during six decades including single surveys as well as repeated surveys		
Status: completed and continuing	Period: 1955-2011	
Database manager(s): Wolfgang Schmidt (wschmid1@gwdg.de); Michaela Dölle (mdoelle@gwdg.de); Andreas Parth (aparth@gwdg.de)		
Owner: University of Göttingen		
Web address: http://www.uni-goettingen.de/de/67090.html		
Availability: free upon request	Online upload: no	Online search: no
Database format(s): MS Access	Export format(s): [NA]	
Publication: Schmidt, W., 2009. Vegetation. In: Brumme, R., Khanna, P.K. (eds.) Functioning and Management of European Beech Ecosystems. Results from site specific long-term studies. Ecological Studies 208: 65-86.		
Plot type(s): normal plots; time series	Plot-size range: 1-400 m ²	
Non-overlapping plots: 350	Estimate of existing plots: [NA]	Completeness: [NA]
Total plot observations: 700	Number of sources: 1	Valid taxa: 500
Countries: DE: 100.0%		
Forest: [NA] — Non-forest: [NA]		
Guilds: all vascular plants: 100%; bryophytes (terricolous or aquatic): 50%		
Environmental data: altitude: 100%; slope aspect: 100%; slope inclination: 100%; microrelief: 20%; soil depth: 20%; surface cover other than plants (open soil, litter, bare rock etc.): 20%; soil pH: 30%; other soil attributes: 100%		
Performance measure(s): cover: 100%; number of individuals: 10%; biomass: 10%		
Geographic localisation: GPS coordinates (precision 25 m or less): 80%; point coordinates less precise than GPS, up to 1 km: 20%		
Sampling periods: 1950-1959: 20.0%; 1960-1969: 10.0%; 1980-1989: 20.0%; 1990-1999: 25.0%; 2000-2009: 20.0%; 2010-2019: 5.0%		
Information as of 2012-07-12; further details and future updates available from http://www.givd.info/ID/EU-DE-018		

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