

Lübeck Beech Forest Biodiversity Plots

Christian Dolnik, Leonid Rasran & Kati Vogt

Abstract: The database Lübeck Beech Forest Biodiversity Plots (GIVD ID EU-DE-031) was established in 2007 at the Ecology Centre of Kiel University in co-operation with the Lübeck forest administration in the framework of a beech forest biodiversity project supported by the German Environmental Foundation (DBU). Study objects are temperate Central European lowland beech forest of managed and of unmanaged forest stands (since 10 and 50 years). The database contains 86 series of nested plots from 0.0001 to 1,000 m² and geobotanical relevés for the 400 and 1,000 m² plot size. A census was taken for vascular plants, bryophytes and lichens, including epiphytes.

Keywords: epiphyte; *Fagus sylvatica*; Germany; nested plot.

GIVD Database ID: EU-DE-031		Last update: 2012-05-09	
Lübeck Beech Forest Biodiversity Plots			
Scope: The database contains 86 geobotanical relevés of Central European beech forest of managed and of unmanaged forest stands (since 10 and 50 yr.).			
Status: finished		Period: 2007-2008	
Database manager(s): Christian Dolnik (cdolnik@ecology.uni-kiel.de)			
Owner: Ecology Centre Kiel			
Web address: [NA]			
Availability: according to a specific agreement		Online upload: no	Online search: no
Database format(s): MS Access		Export format(s): MS Access	
Publication: [NA]			
Plot type(s): nested plots		Plot-size range: 400-1,000 m ²	
Non-overlapping plots: 86	Estimate of existing plots: [NA]	Completeness: [NA]	
Total plot observations: 172	Number of sources: [NA]	Valid taxa: [NA]	
Countries: DE: 100.0%			
Forest: [NA] — Non-forest: [NA]			
Guilds: all vascular plants: 100%; bryophytes (terricolous or aquatic): 100%; lichens (terricolous or aquatic): 100%; non-terricolous taxa (epiphytic, saxicolous, lignicolous): 100%			
Environmental data: [NA]			
Performance measure(s): cover: 100%			
Geographic localisation: GPS coordinates (precision 25 m or less): 100%			
Sampling periods: 2000-2009: 100.0%			
Information as of 2012-07-12; further details and future updates available from http://www.givd.info/ID/EU-DE-031			

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