

Curonian Spit Biodiversity Plots

Christian Dolnik

Abstract: The Curonian Spit Biodiversity Plots database (GIVD ID EU-RU-009) was established in 2001 at the Ecology Centre of Kiel University in co-operation with the University of Kaliningrad. The database consists of 130 biodiversity plot series of nested plots from 0.0001m² to 900m² for 14 different vegetation types of the Curonian Spit Nationalpark. The focus was the census of vascular plants, bryophytes and lichens, including epiphytes for the analysis of species richness of different plant communities. Geobotanical relevés are available for the 900 m² plots.

Keywords: plant community; nested plot; SAR; species richness.

GIVD Database ID: EU-RU-009		Last update: 2012-03-19
Curonian Spit Biodiversity Plots		
Scope: Analysis of the species-area-relationship of forest and grassland vegetation - a case study for measuring species diversity of vegetation including bryophytes and lichens		
Status: finished	Period: 1999-2001	
Database manager(s): Christian Dolnik (cdolnik@ecology.uni-kiel.de)		
Owner: Christian Dolnik (private)		
Web address: [NA]		
Availability: according to a specific agreement	Online upload: [NA]	Online search: [NA]
Database format(s): Excel	Export format(s): Excel	
Publication: Dolnik C (2003): Artenzahl-Areal-Beziehungen von Wald- und Offenlandgesellschaften. Mitteilungen Arbeitsgemeinschaft Geobotanik Schleswig-Holstein Hambg., 62:183.		
Plot type(s): nested plots	Plot-size range: 1-900 m ²	
Non-overlapping plots: 130	Estimate of existing plots: [NA]	Completeness: [NA]
Total plot observations: 2,080	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): 100%; non-terricolous taxa (epiphytic, saxicolous, lignicolous): 100%		
Environmental data: soil depth: 100%; surface cover other than plants (open soil, litter, bare rock etc.): 100%; soil pH: 20%		
Performance measure(s): presence/absence only: 100%; cover: 19%		
Geographic localisation: GPS coordinates (precision 25 m or less): 70%		
Sampling periods: 1990-1999: 23.0%; 2000-2009: 77.0%		
<i>Information as of 2012-07-12; further details and future updates available from http://www.givd.info/ID/EU-RU-009</i>		

Christian Dolnik (cdolnik@ecology.uni-kiel.de)
Ecology Centre Kiel, University of Kiel, Olshausenstr. 40, 24098 Kiel, GERMANY