

Vegetation-Plot Database of the University of the Basque Country (BIOVEG)

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Abstract: BIOVEG (Vegetation Database of the University of the Basque Country; GIVD ID EU-00-011) stores 20,172 phytosociological relevés mostly from the northern-central part of the Iberian Peninsula and southwestern France: Basque Country and surrounding areas. All vegetation types of this area are represented in the database: temperate deciduous, mediterranean evergreen and subalpine coniferous forests and related shrublands and grasslands, rock and scree vegetation, coastal vegetation, aquatic and semi-aquatic vegetation and anthropogenic vegetation. Data are stored in TURBOVEG format, and are freely available under request. Many published relevés have also been included in SIVIM database (Information System of Iberian and Macaronesian Vegetation), and thus they are freely available online. Data have been mainly used for vegetation classification, but also for distribution analysis of species and communities.

Keywords: Northern Spain; phytosociological relevé; plot; Southern France.

GIVD Database ID: EU-00-011		Last update: 2012-07-09	
Vegetation-Plot Database of the University of the Basque Country (BIOVEG)			
Scope: Phytosociological relevés of northern Iberian Peninsula and southern France			
Status: completed and continuing		Period: 1941-2011	
Database manager(s): Idoia Biurrun (idoia.biurrun@ehu.es); Itziar García-Mijangos (itziar.garcia@ehu.es); Juan A. Campos (juanancampos@ehu.es)			
Owner: [NA]			
Web address: [NA]			
Availability: free upon request		Online upload: no	Online search: no
Database format(s): TURBOVEG		Export format(s): TURBOVEG, MS Access, Excel	
Publication: [NA]			
Plot type(s): normal plots		Plot-size range: 0,2-1,000 m ²	
Non-overlapping plots: 20,172	Estimate of existing plots: 22,000	Completeness: 92%	
Total plot observations: 20,172	Number of sources: 200	Valid taxa: 4,724	
Countries: ES: 98.0%; FR: 1.9%; PT: 0.1%			
Forest: 19% — Non-forest: aquatic: 2%; semi-aquatic: 14%; arctic-alpine: 2%; natural: 6%; semi-natural: 44%; anthropogenic: 12%			
Guilds: all vascular plants: 100%; bryophytes (terricolous or aquatic): 3%			
Environmental data: altitude: 98%; slope aspect: 26%; slope inclination: 48%			
Performance measure(s): presence/absence only: 0%; cover: 100%			
Geographic localisation: GPS coordinates (precision 25 m or less): 3%; point coordinates less precise than GPS, up to 1 km: 82%; small grid (not coarser than 10 km): 15%			
Sampling periods: 1940-1949: 0.1%; 1950-1959: 0.4%; 1960-1969: 1.7%; 1970-1979: 31.2%; 1980-1989: 35.8%; 1990-1999: 9.8%; 2000-2009: 0.1%			
Information as of 2012-07-12; further details and future updates available from http://www.givd.info/ID/EU-00-011			

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