

Hellenic Woodland Database

Georgios Fotiadis, Ioannis Tsiripidis, Erwin Bergmeier & Panayotis Dimopoulous

Abstract: The Hellenic Woodland Database (GIVD ID EU-GR-006) includes relevés from 59 sources, approximately, as well as unpublished relevés. In total 4,571 relevés have already been entered in the database, but the database is going to continue growing in the near future. Species abundances are recorded according the 7-grade Braun-Blanquet scale. The oldest relevés date back to 1963. For the majority of relevés (more than 90%) environmental data (e.g. altitude, slope aspect, inclination) exist. Relevés entered in the database represent both evergreen and deciduous forests, as well as scrubs and they belong (according to the original publications) to the classes *Quercetea ilicis*, *Rhamno-Prunetea spinosae*, *Erico-Pinetea*, *Quercetea pubescentis*, *Quercu-Fagetea*, *Vaccinio-Piceetea* and *Populetea albae*. Most relevés (approximately 69%) concern northern Greece (floristic regions of northeastern, north-central Greece and northern Pindos), while the remainder concern the rest of Greek mainland as well as the islands.

Keywords: beech; conifer; macchia; oak; riparian vegetation; silbjak.

GIVD Database ID: EU-GR-006	Last update: 2012-05-03	
Hellenic Woodland Database		
Scope: Classification of forest communities and study of forest ecology		
Status: [NA]	Period: 1963-2006	
Database manager(s): Georgios Fotiadis (gfotiad95@gmail.com); Ioannis Tsiripidis (tsiripid@bio.auth.gr)		
Owner: Georgios Fotiadis, Ioannis Tsiripidis, Erwin Bergmeier, Panayotis Dimopoulos		
Web address: [NA]		
Availability: according to a specific agreement	Online upload: no	Online search: no
Database format(s): SORT 4	Export format(s): Excel	
Publication: Tsiripidis I. Fotiadis G. Karagiannakidou V. & Babalonas D. 2005. Classification problems of forest vegetation in Greece: Transition from beech to deciduous oak zone. <i>Botanica Chronika</i> 18 (1): 253-268.		
Plot type(s): normal plots	Plot-size range: 2-1,600 m ²	
Non-overlapping plots: 4,571	Estimate of existing plots: 6,500	Completeness: 70%
Total plot observations: 4,571	Number of sources: 59	Valid taxa: [NA]
Countries: GR: 100.0%		
Forest: 100% — Non-forest: aquatic: 0%; semi-aquatic: 0%; arctic-alpine: 0%; natural: 0%; semi-natural: 0%; anthropogenic: 0%		
Guilds: all vascular plants: 100%		
Environmental data: altitude: 94%; slope aspect: 91%; slope inclination: 92%; microrelief: 31%; other soil attributes: 12%		
Performance measure(s): cover: 100%		
Geographic localisation: GPS coordinates (precision 25 m or less): 12%; small grid (not coarser than 10 km): 63%; political units or only on a coarser scale (>10 km): 25%		
Sampling periods: 1960-1969: 6.1%; 1970-1979: 12.9%; 1980-1989: 18.3%; 1990-1999: 35.4%; 2000-2009: 27.4%		
Information as of 2012-07-12; further details and future updates available from http://www.givd.info/ID/EU-GR-006		

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