Short Database Report

Hellenic Woodland Database

Georgios Fotiadis, Ioannis Tsiripidis, Erwin Bergmeier & Panayotis Dimopolous

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The Hellenic Woodland Database (GIVD ID EU-GR-006) includes relevés from 59 sources, approximately, as well as unpublished relevés.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 shrubs and they belong (according to the original publications) to the classes Quercetea ilicis, Rhamno-Prunetea spinosae, Erico-Pinetea, Quercetea pubescentis, Querco-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

Hellenic Woodland Database

Scope: Classification of forest communities and study of forest ecology

Database manager(s): Georgios Fotiadis (gfotiad95@gmail.com); Ioannis Tsiripidis (tsiripid@bio.auth.gr)

Owner: Georgios Fotiadis, Ioannis Tsiripidis, Erwin Bergmeier, Panayotis Dimopolous

Web address: [NA]

Availability: according to a specific agreement

Online upload: no

Online search: no

Database format(s): SORT 4

Export format(s): Excel


Plot type(s): normal plots

Plot-size range: 2-1,600 m²

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%


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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