Short Database Report

Hellenic Beech Forests Database (Hell-Beech-DB)

Ioannis Tsiripidis, Erwin Bergmeier, Georgios Fotiadis & Panayotis Dimopoulos

Abstract: The Hellenic Beech Forests Database (GIVD ID EU-GR-007) includes relevés dominated or co-dominated by Fagus sylvatica s.l. It includes almost all published relevés from the northeast, north-central and east-central floristic regions of Greece. Ca. 50 unpublished relevés have been already entered and more than 300 new relevés are going to be entered soon. Furthermore, existing relevés from northwestern Greece are going to be entered to complete the data. Species data concern vascular plants and additionally most relevés have environmental data such as altitude, aspect, and slope inclination. For about 40% of the relevés precise geographic locality is given, while for a small proportion (ca. 3%) soil physical and chemical attributes are included. Relevé data have already been classified into 14 vegetation units, corresponding to the association or community level. The database is available for research purposes, upon agreement.

Keywords: deciduous forest; Fagion moesiacae; Fagion sylvaticae; Fagus sylvatica.

GIVD Database ID: EU-GR-007

Hellenic Beech Forests Database (Hell-Beech-DB)

Scope: Study of beech (Fagus sylvatica) and its forest communities

Status: completed and continuing  Period: 1977-1999

Database manager(s): Ioannis Tsiripidis (tsirpid@bio.auth.gr)

Owner: Tsiripidis I., Bergmeier E., Fotiadis G., Dimopoulos P.

Web address: [NA]

Availability: according to a specific agreement  Online upload: no  Online search: no

Database format(s): TURBOVEG  Export format(s): TURBOVEG, MS Access, Excel, CSV file


Plot type(s): normal plots  Plot-size range: 100-1,600 m²

Non-overlapping plots: 1,404  Estimate of existing plots: 2,000  Completeness: 70%

Total plot observations: 1,404  Number of sources: 16  Valid taxa: 652

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: 100%; slope aspect: 95%; slope inclination: 95%; microrelief: 60%; surface cover other than plants (open soil, litter, bare rock etc.): 3%; soil pH: 3%; land use categories: 3%

Performance measure(s): cover: 100%; measurements like diameter or height of trees: 42%

Geographic localisation: GPS coordinates (precision 25 m or less): 42%; political units or only on a coarser scale (>10 km): 59%


Information as of 2012-07-12; further details and future updates available from http://www.givd.info/ID/EU-GR-007

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