SIVIM Floodplain Forests – Database of riverine forests and scrubs from the Iberian Peninsula

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Abstract

“SIVIM Floodplain Forests” (GIVD ID: EU-00-024) is a thematic database focused on vegetation plots of riverine forests and scrubs from the Iberian Peninsula and the Pyrenees (Spain, Portugal and southern France). It was registered in the GIVD in February 2016. The data are available both from EVA and sPlot in semi-restricted regime. The database includes both digitized relevés from the literature and unpublished data. Many digitized relevés were derived from SIVIM (GIVD ID EU-00-004) and BIOVEG (GIVD ID EU-00-011), with which SIVIM Floodplain Forests thus partly overlaps. Currently it contains 4,736 vegetation plots of floodplain forests, alder carrs, willow scrubs, and tamarisk and oleander thickets, 99% of them classified at association level. Plot size is available for 94.6% of the relevés. Plant taxonomy is standardized to Flora Iberica. The database has been used for studies on vegetation classification at Iberian and European level, as well as studies on plant invasion, fine-grain plant diversity and macroecological analyses, most of them via EVA.

Abbreviations: BIOVEG = Vegetation-Plot Database of the University of the Basque Country; EVA = European Vegetation Archive; GIVD = Global Index of Vegetation-Plot Databases; SIVIM = Iberian and Macaronesian Vegetation Information System.

Keywords

Alneta glutinosae, Alno glutinosae-Populetea albae, floodplain forest, Iberian Peninsula, Nerio-Tamaricetea, Portugal, Pyrenees, relevé, Salicetea purpureae, Spain, vegetation-plot database, willow scrub
GIVD Fact Sheet

Iberian and Macaronesian Vegetation Information System (SIVIM) – Floodplain Forests

Database manager(s): Idoia Biurrun (idoia.biurrun@ehu.es); Xavier Font (xfont@ub.edu)

Owner: Idoia Biurrun

Scope: Phytosociological relevés of floodplain forests, alder carrs, willow scrubs and tamarisk and oleander thickets in the Iberian Peninsula

Abstract:

Availability: according to a specific agreement

Online upload: no

Online search: no

Database format(s): TURBOVEG, MS Access, Excel, other, XML from B-VegAna

Export format(s): TURBOVEG, MS Access, Excel, XML from B-VegAna

Plot type(s): normal plots

Plot-size range: 4 to 800

Non-overlapping plots: 4736

Total no. of plot observations: 4736

Number of sources (biblioreferences, data collectors): 275

Estimate of existing plots: 6000

Completeness: 79%

Status: ongoing capture

Valid taxa: 2407

Countries (%): ES: 84; PT: 15; FR: 1

Formations: Forest: 75% // Terrestrial: 75% // Non Forest: 25% // Terrestrial: 25% (Non arctic-alpin: 25% [Natural: 25%])

Guilds: all vascular plants: 100%

Environmental data (%): altitude: 97%

Performance measure(s): presence/absence only: <1%; cover: >99%

Geographic localisation: GPS coordinates (precision 25 m or less): 10%; point coordinates less precise than GPS, up to 1 km: 76%; small grid (not coarser than 10 km): 14%; political units or only on a coarser scale (above 10 km): 0.2%


Information as of 2020-12-04 further details and future updates available from http://www.givd.info/ID/EU-00-024

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