

# Iberian and Macaronesian Vegetation Information System (SIVIM)

Xavier Font Castell, Idoia Biurrun, Federico Fernández-Gonzalez & Carmen Lence

**Abstract:** SIVIM (Sistema de Información de la Vegetación Ibérica y Macaronésica; GIVD ID EU-00-004) is an information system designed for capturing, hosting, editing, analysing and exporting georeferenced plot data of Iberian and Macaronesian vegetation. It currently hosts 125,000 relevés, mainly from the northern half of the Iberian Peninsula and the Balearic Islands, and will grow to 150,000 relevés in the near future. SIVIM has been conceived to offer direct and free on-line access to relevés, tables, as well as to floristic, syntaxonomical and bibliographical records. The system also offers on-line software for edition and analysis of vegetation data (<http://www.b-vegana.info>).

**Keywords:** biodiversity informatics; floristic databank; relevé; vegetation databank.

<b>GIVD Database ID:</b> EU-00-004	<b>Last update:</b> 2012-05-09	
<b>Iberian and Macaronesian Vegetation Information System (SIVIM)</b>		
<b>Scope:</b> SIVIM is an Iberian and Macaronesian Vegetation Information System that aims to host about 125.000 relevés mainly from the Iberian Peninsula and the Balearic and Canary Islands.		
<b>Status:</b> ongoing capture	<b>Period:</b> 1926-2010	
<b>Database manager(s):</b> Xavier Font Castell (xfont@ub.edu)		
<b>Owner:</b> [NA]		
<b>Web address:</b> <a href="http://www.sivim.info">http://www.sivim.info</a>		
<b>Availability:</b> free online	<b>Online upload:</b> yes	<b>Online search:</b> yes
<b>Database format(s):</b> DB2 9.5 (Express).	<b>Export format(s):</b> XML VegAna	
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<b>Plot type(s):</b> normal plots	<b>Plot-size range:</b> 1-400 m <sup>2</sup>	
<b>Non-overlapping plots:</b> 125,000	<b>Estimate of existing plots:</b> 160,000	<b>Completeness:</b> 78%
<b>Total plot observations:</b> 125,000	<b>Number of sources:</b> 1472	<b>Valid taxa:</b> [NA]
<b>Countries:</b> AD: 0.1%; ES: 80.0%; FR: 2.9%; PT: 17.0%		
<b>Forest:</b> [NA] — <b>Non-forest:</b> [NA]		
<b>Guilds:</b> all vascular plants: 100%; bryophytes (terricolous or aquatic): 50%; lichens (terricolous or aquatic): 30%; algae (terricolous or aquatic): 1%		
<b>Environmental data:</b> [NA]		
<b>Performance measure(s):</b> presence/absence only: 1%		
<b>Geographic localisation:</b> point coordinates less precise than GPS, up to 1 km: 5%; political units or only on a coarser scale (>10 km): 100%		
<b>Sampling periods:</b> [NA]		
<i>Information as of 2012-07-12; further details and future updates available from <a href="http://www.givd.info/ID/EU-00-004">http://www.givd.info/ID/EU-00-004</a></i>		

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