



## Thematic Actions

### Coordinating Universities for the Proposal: UCM and UPM

<b>Title of Action</b>	<b>Creation of a Programme for the Cataloguing, Conservation and Dissemination of Biodiversity in the University City</b>		
<b>Participating partners</b>	UCM-UPM	<b>Other participants</b>	
<b>Personnel involved (indicate institution)</b>	UCM, UPM		
<b>Start date</b>	2010	<b>End date</b>	2012
<b>Cluster</b>	Global Change and New Energies	<b>Other clusters</b>	
<b>Areas of action</b>	Teaching Improvement and EHEA Deployment, Research, Knowledge Transfer		
<b>Location</b>	Moncloa Campus		
<b>Infrastructures involved</b>	MACB Herbarium, MAF Herbarium, EMMA Herbarium, UCM Zoology Collections (MACV and Entomology Museum), UPM Zoology and Entomology collections, UCM Botanic Garden, UPM Botanic Garden and Arboretum, UCM-UPM exhibition areas.		
<b>Keywords</b>	Herbaria; Zoological collections; Botanic garden; Conservation; Public exhibition		
<p><b>Objectives:</b></p> <p>To conserve, for research and teaching purposes, the herbaria and collections of the UCM and UPM; to continue their inclusion in the international project coordinated by GBIF-Spain (Global Biodiversity Information Facility; <a href="http://www.gbif.es/">http://www.gbif.es/</a>); and to create, using this material and the botanic gardens located in the University City, an educational trail (with online catalogues) for university students in our community and for secondary school students in the Community of Madrid.</p>			
<p><b>Description of the action:</b></p> <p>Both universities possess various herbaria and zoological collections which total hundreds of thousands of examples from locations worldwide, and possess arboreta and botanic parks which could be used with the threefold aim of encouraging research (study and exchange of examples with other researchers), teaching (practical classes in study areas related to biological diversity) and the social projection of these resources within the wider area of the Community of Madrid (primary and secondary schools, other universities etc.). The objective is to conserve the botanical and zoological collections of both institutions (improving their infrastructures), to continue their inclusion in GBIF-Spain (Global Biodiversity Information Facility), and to disseminate (creating botanical trails and zoological exhibitions, both real and virtual) the plant and animal biodiversity of the University City.</p>			
<p><b>Planned key results:</b></p> <p>Conservation and active curatorship of the UCM-UPM plant and animal collections. Inclusion of the collections in the GBIF online catalogue. Biodiversity knowledge transfer to students and general public in the Community of Madrid.</p>			
<p><b>Rationale for the action:</b></p> <p>The accumulated material in many cases is stored in inadequate conditions for proper conservation and security (without air conditioning, fire prevention systems, etc.) Its considerable scientific and educational potential is not fully appreciated since it has not been included in the GBIF and not enough scientific, educational and dissemination use is made of it.</p>			
<p><b>International aspects:</b></p> <p>It is important that the UCM-UPM Campus offers its biodiversity resources to the international scientific community through a correct appreciation of the value of its many collections.</p>			
<p><b>Planned impact:</b></p> <p>Increase in exchanges of animal and herbarium specimens with the Spanish and international scientific communities. Increase in the number of visitors to our museums, botanic gardens and arboreta.</p>			