

XVII International Botanical Congress

Vienna, Austria Center , 17 - 23 July 2005



Vienna Academy
of Postgraduate
Medical Education
and Research
Conference and
Association Management

Control/Tracking Number : 2005-A-1271-IBC

Activity : Abstract

Current Date/Time : 1/26/2005 11:50:46 AM

A Pilot Network of Plant Micro-Reserves in Western Crete

C. A. Thanos¹, C. Fournaraki², K. Georghiou¹, P. Dimopoulos³, E. Bergmeier⁴;
¹Department of Botany, National & Kapodistrian University of Athens, Athens, Greece, ²Seed Bank and Botanic Garden, Mediterranean Agronomic Institute of Chania, Chania, Greece, ³Lab. of Ecology and Biodiversity Conservation, Dept. of Environmental and Natural Resources Management, University of Ioannina, Agrinio, Greece, ⁴Dept. Vegetation & Phytodiversity Analysis, Albrecht-von-Haller Institute for Plant Sciences, University of Goettingen, Goettingen, Germany.

Within the framework of a LIFE-NATURE-2004 project, a Pilot Plant Micro-Reserves Network is about to be established in Western Crete, Greece (Chania Prefecture). The network is comprised by 7 reserves selected among a total of 14 locations, within the boundaries of 3 pSCI (Natura 2000 sites): Gramvousa (GR4340001), Elafonisos (GR4340002), Lefka Ori (GR4340008). Each of the 6 reserves refers to each of the 6 plant species of Community priority (Directive 92/43/EEC) growing in Chania Prefecture: **Androcymbium rechingeri*, **Anthemis glaberrima*, **Bupleurum kakiskalae*, **Cephalanthera cucullata*, **Hypericum aciferum*, **Nepeta sphaciatica*; the last reserve encloses part of the priority habitat type 9370, *Palm groves of *Phoenix*. The micro-reserves also embrace a significant number of other important plants (endemic, rare and threatened species). The network will be implemented by enclosures, wardening and on-site mild management measures. Permanent plots and automatic stations are to be established in each reserve for long-term monitoring. In addition, ex situ management of the targeted species and an information campaign will complement the network.

Topic (Complete): 08-22

Keyword (Complete): conservation ; micro-reserves ; Crete

Presentation Preference (Complete): Poster only

Young Scientists (Complete):

Status: Complete