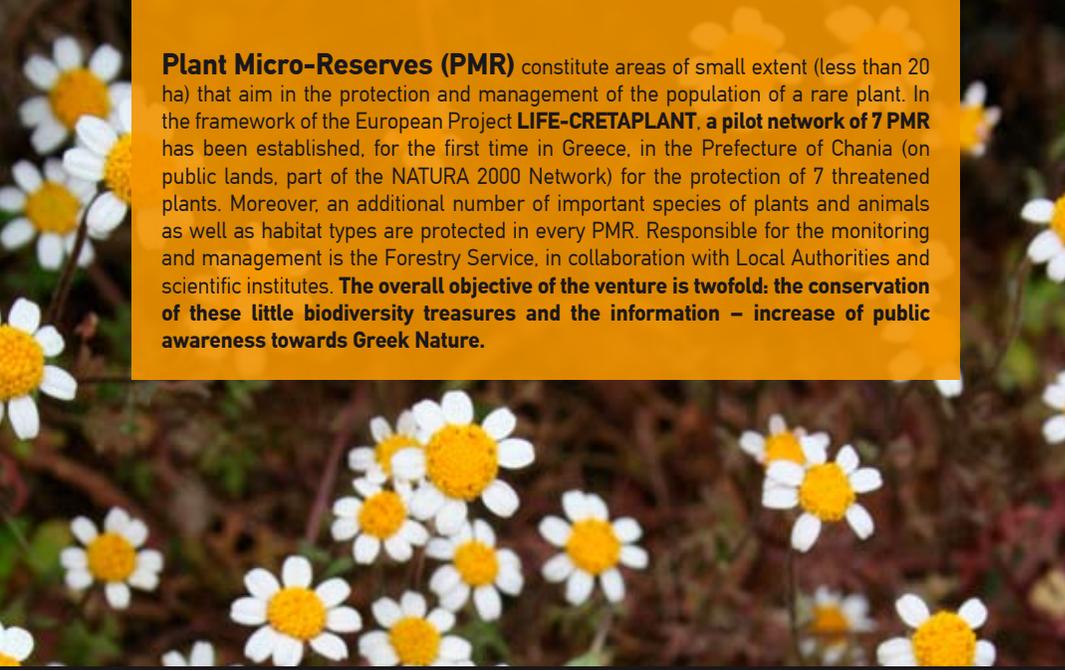


**Plant Micro-Reserves (PMR)** constitute areas of small extent (less than 20 ha) that aim in the protection and management of the population of a rare plant. In the framework of the European Project **LIFE-CRETAPLANT**, a **pilot network of 7 PMR** has been established, for the first time in Greece, in the Prefecture of Chania (on public lands, part of the NATURA 2000 Network) for the protection of 7 threatened plants. Moreover, an additional number of important species of plants and animals as well as habitat types are protected in every PMR. Responsible for the monitoring and management is the Forestry Service, in collaboration with Local Authorities and scientific institutes. **The overall objective of the venture is twofold: the conservation of these little biodiversity treasures and the information – increase of public awareness towards Greek Nature.**



**CRETAPLANT**

**MICRO - RESERVE**

## *Anthemis glaberrima* (Rech.f.) Greuter



MEDITERRANEAN AGRONOMIC  
INSTITUTE OF CHANIA



ΕΘΝΙΚΟΝ & ΚΑΠΟΔΙΣΤΡΙΑΚΟΝ  
ΠΑΝΕΠΙΣΤΗΜΙΟΝ ΑΘΗΝΩΝ  
NATIONAL & KAPODISTRIAN  
UNIVERSITY OF ATHENS



Περιφέρεια Κρήτης

**Knowledge - Protection - Conservation**



A Pilot Network of Plant Micro-Reserves in Western Crete  
Πιλοτικό Δίκτυο Μικρο-Αποθεμάτων Φυτών στη Δυτική Κρήτη



Project LIFE04 NAT/GR/000104:

**CRETAPLANT – A Pilot Network of Plant Micro-Reserves in Western Crete**

Publication: **National and Kapodistrian University of Athens**

(Photos: CRETAPLANT, NKUA, Mediterranean Agronomic Institute of Chania, Forest Directorate of Chania)

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# *Anthemis glaberrima* (Rech.f.) Greuter

AGRIA GRAMVOUSA  
NATURA 2000 GR4340001



## Distribution

*Anthemis glaberrima* (Compositae family) occurs in coastal calcareous rocks, only on the islets Imeri and Agria Gramvousa in Western Crete (and nowhere else in the world).

## Description

A small, annual aromatic plant with stems 2-30 cm high and many small flowers. It germinates in late autumn, flowers in spring (April - May) and dries in summer.



Seeds of *Anthemis glaberrima*  
(in magnification)

### Threats

- ▶ Grazing
- ▶ Climatic change

## Conservation status

- Included in Annexes II\* and IV of 92/43 EU Directive
- Protected by the Presidential Decree 67/81
- Protected by the Bern Convention (1979)
- Proclaimed 'Endangered' by the Red Data Book of Rare and Threatened Flora of Greece (1995)
- Included in the IUCN list of "The Top 50 Plants of the Mediterranean Islands" (2006)

## The Plant Micro-Reserve of *Anthemis glaberrima*

**Locality:** Agria Gramvousa islet

**Surface:** 4,5 ha

**Altitude:** 0-20 m

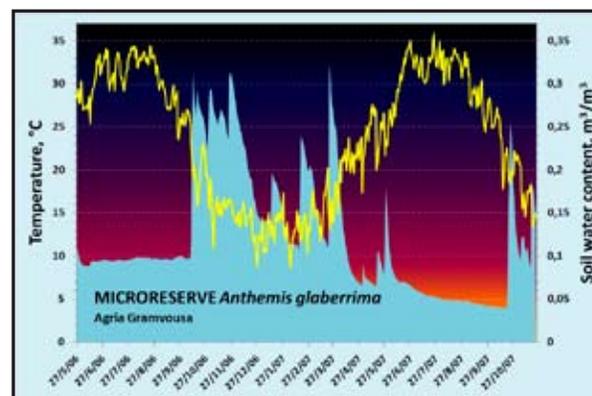
**Landscape:** Rocky coast with halophilous vegetation

**Other important plant species:** *Allium tardans*, *Sedum litoreum* subsp. *praesidis*, *Muscari spreitzenhoferi*, *Limonium frederici*, *Allium chamaespathum*



## Conservation and monitoring actions

- Wardening
- Placement of information boards
- Recording of climatic parameters (meteorological microstation)
- Annual counting of young plants (seedlings) and estimation of reproductive potential (seed production)
- Seed storage in the Seed Banks of MAICH and University of Athens
- Study of seed germination and the factors regulating annual regeneration of the species



Counting seedlings contributes to the estimation of population regeneration.

