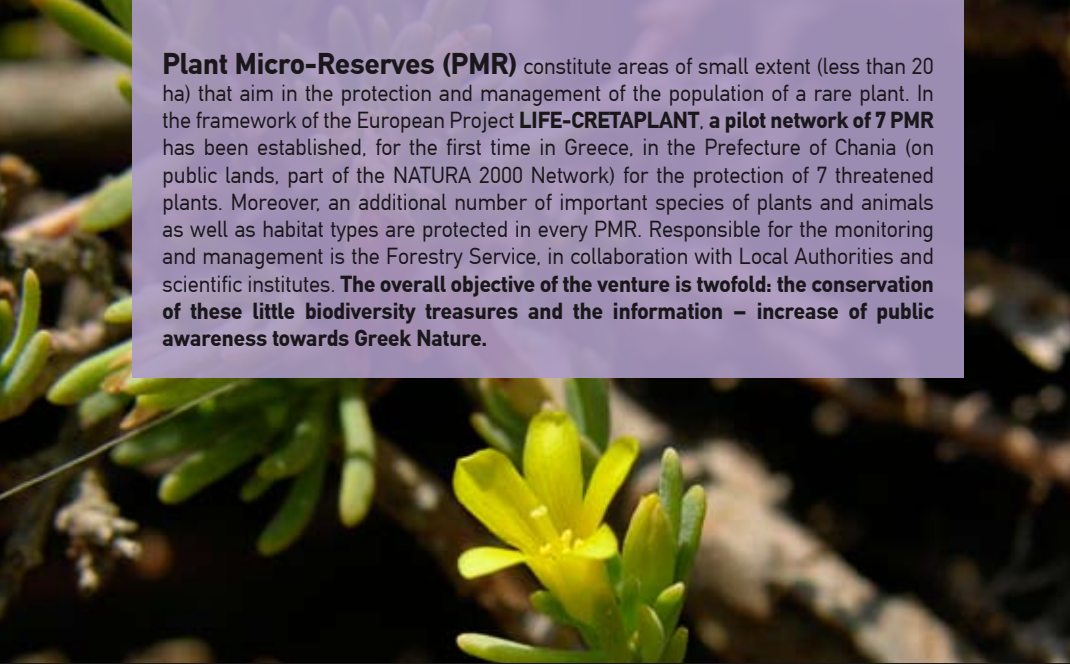


**Plant Micro-Reserves (PMR)** constitute areas of small extent (less than 20 ha) that aim in the protection and management of the population of a rare plant. In the framework of the European Project **LIFE-CRETAPLANT**, a **pilot network of 7 PMR** has been established, for the first time in Greece, 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

## *Hypericum aciferum* (Greuter) N.Robson



MEDITERRANEAN AGRONOMIC  
INSTITUTE OF CHANIA



ΕΘΝΙΚΟΝ & ΚΑΠΟΔΙΣΤΡΙΑΚΟΝ  
ΠΑΝΕΠΙΣΤΗΜΙΟΝ ΑΘΗΝΩΝ  
NATIONAL & KAPODISTRIAN  
UNIVERSITY OF ATHENS

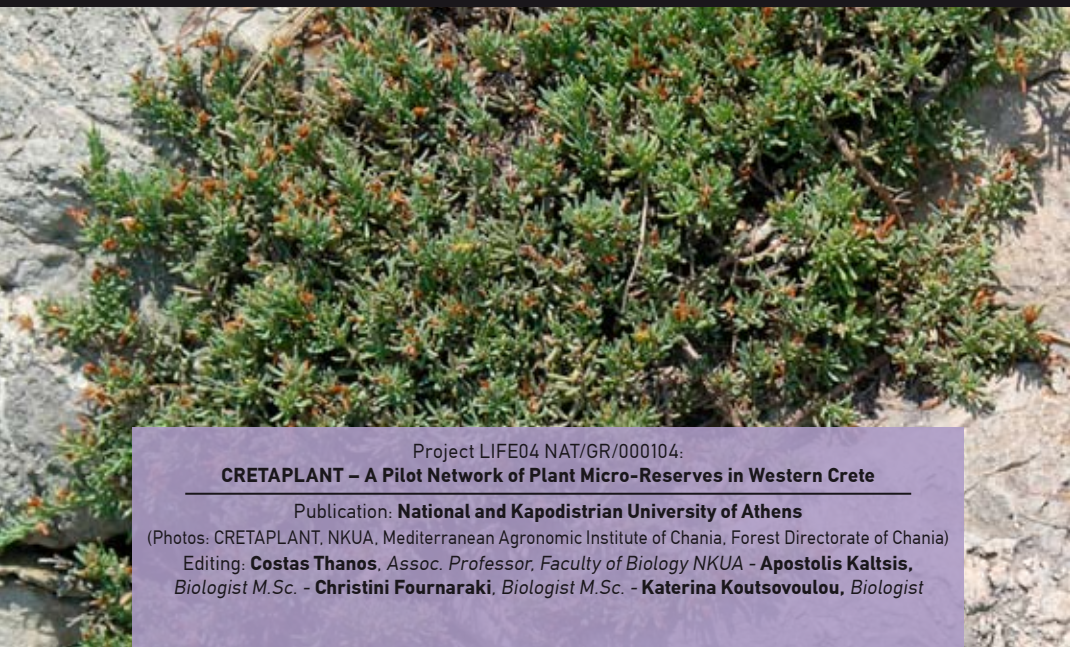


Περιφέρεια Κρήτης

**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)

Editing: **Costas Thanos**, Assoc. Professor, Faculty of Biology NKUA - **Apostolis Kaltsis**,  
Biologist M.Sc. - **Christini Fournaraki**, Biologist M.Sc. - **Katerina Koutsovoulou**, Biologist

# *Hypericum aciferum* (Greuter) N. Robson

FOURNOTI  
NATURA 2000 GR4340008



## Distribution

*Hypericum aciferum* (Guttiferae family) occurs on coastal rocks only in the area of Sfakia (between Sougia and Agia Roumeli) and nowhere else in the world.

## Description

A perennial, short and creeping chasmophyte, 20-30 cm high and up to 130 cm long. It shows an extended flowering period (producing numerous small yellow flowers), from June to October; seeds mature from November to December.



Seeds of *Hypericum aciferum* (in magnification)

## Conservation status

- Included in Annexes II\* and IV of 92/43 EU Directive
- Protected by the Bern Convention (1979)
- Proclaimed 'Endangered' by the Red Data Book of Rare and Threatened Flora of Greece (1995)

## Threats

- ▶ Grazing
- ▶ Forest fire
- ▶ Tourism
- ▶ Climatic change

## The Plant Micro-Reserve (PMR) of *Hypericum aciferum*

**Locality:** Fournoti beach, eastwards of Sougia

**Surface:** 6,5 ha

**Altitude:** 0-100 m

**Landscape:** Gorge with steep calcareous slopes and pine forest

**Other important plant species:** *Centaurea argentea*, *Phlomis lanata*, *Origanum microphyllum*, *Allium bourgeai* subsp. *creticum*, *Stachelina fruticosa*, *Teucrium cuneifolium*, *Origanum dictamnus*



## Conservation and monitoring actions

- Wardening
- Placement of information boards
- Recording of climatic parameters (meteorological microstation)
- Annual measurement of plant growth and counting reproductive plants
- Seed storage in the Seed Banks of MAICh and University of Athens
- Study of seed germination and the factors regulating regeneration of the species

