

Project partner: Sóller Botanic Garden Foundation

Island

BALEARIC ISLANDS (MALLORCA)

Species name (Family)

Dorycnium fulgurans (Porta) Lassen (Fabaceae)

Common name

Socarrell fulgurant, socarrell retús, socarrell alís (locals names).

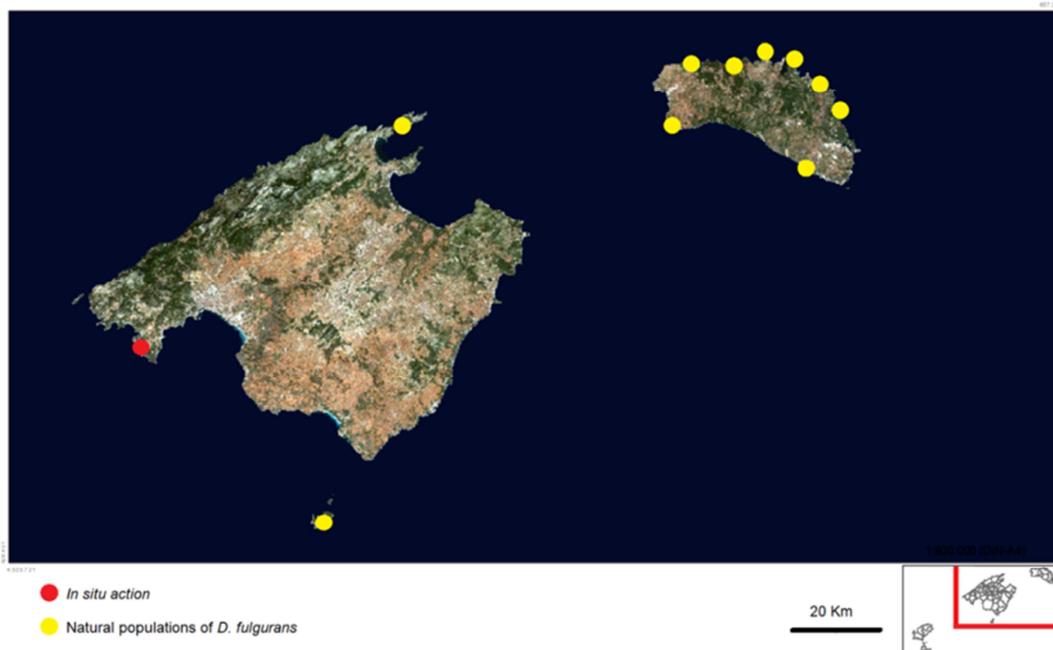
Plant description

- ✓ Spiny cushion shrub with divaricated stems, branched in zigzag. Small white flowers and purple calyx. Ovoid fruit containing 1(2) seeds.
- ✓ Camephyte. Flowering time from April to June. Fruiting time from May to July. Its flowers are pollinated by insects. Seed dispersal by barochory.
- ✓ It lives at calcareous and sandy areas of coastal scrubland, between 0-100 meters above sea level.

Distribution

Endemic strict of Balearic Islands: Mallorca (only two populations), Minorca and Cabrera. The selected population to carry out *in situ* conservation actions is that occurring at Mallorca's South coast (Calvià).

Map



Distribution of *Dorycnium fulgurans* and in red COLOR population restored.

Legal status

It is included at Catalogue of Balearic Islands' Threatened Species as Special Protection Species by Decreed 75/2005. And as well with "special protection" by Balearic Resolution CMA 23/10/2017 (BOIB 131, 26/10/2017).

Main threats and conservation status

According to the IUCN Threats Classification Scheme (Version 3.2) the main threats in Calvià population are:

- Housing and urban areas. Recently, it was started a chalet construction that affected the number of individuals of the population.
- 6.1. Recreational activities. Crowded zone by swimmers and tourists.
- 8.1. Invasive non-native/alien species/diseases. Due to the proximity of housing there are some invasive species like *Limoniastrum monopetalum*.

12. Other threats: the small number of individuals in the population.

Conservation actions carried out in the CARE-MEDIFLORA project

In situ measures:

- Reinforcement of the current population in Punta Prima (Calvià).
- New introduction in Cap Negret (Calvià) 800m far from the original population.

Ex situ measures:

- Seed conservation: collecting seeds in order to store them in the seedbank.
- Living plant collection conserved in the Sóller Botanical Garden.

Photos

