

Project partner: Sóller Botanic Garden Foundation

Island

Balearic Islands (Mallorca)

Species name (Family)

Myosurus minimus L. (Ranunculaceae)

Common name

Cua de ratolí, miosur (local name)

tiny mousetail (English)

Plant description

- ✓ Herb from 3-10 cm, narrow, linear and glabrous leaves arranged in basal rosette. Solitary flower with 5 yellowish sepals (3-4 mm) with a spur each; 5 greenish petals (2 mm); 5-10 stamens. Fruit is a polychene from 2- 10 cm in length.
- ✓ Therophyte. Flowering time from March to May. Fruiting time from April to June.
- ✓ Temporarily flooded soils, humid meadows and sands. From 0 -150 meters over sea level.

Distribution

It is a multiregional species, inhabiting in most part of Europe, North Africa and North America. It is present around the Mediterranean basin either in the continent or in islands (Balearic Islands, Sicily, Crete or Cyprus).

At the Balearic Islands, it is only present in Mallorca. There is only one population located at the south part of the island, in a private land.

Map



Legal status

Habitats Directive 92/43/CEE (3170, Mediterranean temporary ponds).

Main threats and conservation status

According to the IUCN classification scheme, main threats are due to:

- 2.3.2 Small-holder grazing, ranching or farming: the presence of livestock supposes a threat for species populations by grazing and substrate nitrification.

- 11.1 Habitat shifting and alteration: this taxon inhabits at a really unstable habitat, so any habitat alteration supposes a threat for the species.
- 12.1 Other threats: occurring at just one population and having a small number of individuals supposes an increase of its risk of disappearing from Balearic Islands.

The Soller Botanic Garden conserves a collection of seeds from the wild population and as well plants in the living plant collection.

Conservation actions carried out in the CARE-MEDIFLORA project

- Verbal accord with the landowner to keep the pond as natural as possible.
- In order to address the small number of individuals of the population, a new introduction of the species has been done in a closed temporary pond.

Photos

