

# Project partners: Department of Forests & Agricultural Research Institute, Ministry of Agriculture, Rural Development and Environment of Cyprus

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## Island

Cyprus

## Species name (Family)

*Crypsis hadjikyriakou* Raus & H. Scholz (Poaceae)

## Common name

None

## Plant description

- ✓ Annual grass, with erect or prostrate culms, 1-4 cm long. Leaf-blades glaucous green, with conspicuous ribs. Inflorescences a spiciform panicle. Caryopsis oblong.
- ✓ Flowering from July to August and fruiting from August to September.
- ✓ Occurs at an alkaline fen, at 1650 m altitude.

## Distribution

*Crypsis hadjikyriakou* is an endemic to Cyprus. It is found at only one location in the area of Almyrolivado (Troodos mountain). The total population size is approximately 550 individuals, distributed in small groups in a very small area of 1000 m<sup>2</sup>.

## Map



## Legal status

It is not listed in international, national or local regulations. However, its habitat is protected and lies within the Troodos National Forest Park.

## Main threats and conservation status

According to the IUCN Treats Classification Scheme (Version 3.2) the main threats are:

- ✓ 7.1 Fire & Fire Suppression
- ✓ 6.1 Recreational Activities
- ✓ 7.2 Dams & Water Management/Use (Changes in the hydrological conditions of its habitat)

It is included in the Red Data Book of the Flora of Cyprus as CR: B1ab(iii)+2ab(iii) and in the IUCN Red list at Global Level as VU: D1+2.

### Conservation action(s) carried out in the CARE-MEDIFLORA project

*In situ* conservations actions included:

- Translocation of the species to Pashia Livadi.
- Control of the naturalized species (*Cirsium arvense*) to Pashia Livadi.
- Reinforcement of the population in Almyrolivado.
- Trimming of herbaceous vegetation at Almyrolivado.

A periodic monitoring of the *in situ* actions was started. Seeds were collected and *ex situ* conserved at the Agricultural Research Institute genebank and at Amiantos Botanical Garden.

### Photos



An overview of *Crysopsis hadjikyriakou*



Production of plants for the *in situ* actions & Tranlocation of the species by removing a patch of soil with mature plants from the existing population (Almyrolivado) and transplanting it to the translocation area (Pashia Livadi)