

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

Island

Cyprus

Species name (Family)

Arum sintenisii (Engl.) P. C. Boyce (Araceae)

Common name

None

Plant description

- ✓ Perennial tuberous (geophyte) herb, up to 65 cm, sweet-scented. Inflorescences peduncle equaling leaf petiole or much shorter. Spathe purplish internally, spadix also purplish, appendix stipitate.
- ✓ Flowering from April to May and fruiting from May until June.
- ✓ Occurs in olive plantations and in moist places, at 250-600 m altitude.

Distribution

Arum sintenisii is an endemic species to Cyprus. It was recorded in three locations, at Kythrea village, at Fasouri area and at Androlikou village.

Map



Legal status

It is not listed in international, national or local regulations.

Main threats and conservation status

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

- ✓ 1.1 Housing & Urban Areas (Expansion of built-up areas)
- ✓ 2.3 Livestock Farming & Ranching (Overgrazing)
- ✓ 9.3 Agricultural & Forestry Effluents (Extensive use of herbicides)

It is included in the Red Data Book of the Flora of Cyprus as VU:D1+2. The species has not been assessed for the IUCN Red List at Global level.

Conservation actions carried out in the CARE-MEDIFLORA project

- The subpopulation in Adrolikou village was recently destroyed.
- Tubers were collected before the destruction of the subpopulation and *ex situ* conserved.
- Tubers from the *ex situ* conserved genetic material were used for the reintroduction of the species to Akamas National Forest Park.

A periodic monitoring of the *in situ* actions was started.

Photos



An overview of *Arum sintenisii* & Plants at flowering from the reintroduction of the species to Akamas National Forest Park