

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

Island

Cyprus

Species name (Family)

Dichoropetalum kyriakae (Hadjik. & Alziar) Hand & Hadjik (Apiaceae)

Common name

None

Plant description

- ✓ Erect perennial herb, 30-80(-100) cm high. Rootstock usually divided at apex. Basal leaves present at flowering time, lamina 2-pinnatisect, narrowly oblong to deltoid in outline, 8-18 x 6-14 cm. Upper leaves smaller, reduced gradually to sheaths. Flowers in umbels, rays (2-)4-8 unequal, sepals absent, petals white internally, tinged purple externally. Fruit oblong to obovate 4-6 x 3-4 mm.
- ✓ Flowering from May to June and fruiting from June to July.
- ✓ Occurs in open *Pinus brutia* forest, on serpentinised substrate, at 450-550 m altitude.

Distribution

Dichoropetalum kyriakae is an endemic to Cyprus. It is found only to one location (0.5 km², less than 250 plants) near Parekkklisia, in the Lemesos state forest.

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:

- ✓ 7.1 Fire & Fire Suppression (Forest fires)
- ✓ 4.1 Roads & Railroads (Road maintenance)
- ✓ 3.2 Mining & Quarrying (Habitat degradation)

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

Conservation actions carried out in the CARE-MEDIFLORA project

In situ conservation actions included the reinforcement of the population at Limassol forest. 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 *Dichoropetalum kyriakae*



Young plant established as part of the reinforcement actions. An irrigation system was installed to provide water support.