

# *Cistus umbellatus*

## Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

Spinescence: **not spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **3.56**

## Fruit, seed and dispersal

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## Taxon origin

Origin in Europe: **Native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Dry**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **7**

Moisture indicator value: **3.5**

Reaction indicator value: **3**

Nutrient indicator value: **1.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.51**

Disturbance frequency (herb layer): **1.41**

Disturbance severity: **0.42**

Disturbance severity (herb layer): **0.21**

Mowing frequency: **0.04**

Grazing pressure: **0.32**

Soil disturbance: **0.13**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CH \(ULI\) Calluno-Ulicetea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S62 Western acidophilous garrigue](#)

### Broad habitat

Occurrence in broad habitats: **Heathland, Scrub**