

# *Centaurea melitensis*

## Habitus and growth type

Plant height [m]: **0.51**

Life span: **Annual, Biennial or short-lived**

Life form: **Hemicryptophyte, Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **17.55**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **1.5**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

## 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**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8.7**

Moisture indicator value: **1.3**

Reaction indicator value: **6.5**

Nutrient indicator value: **6**

Salinity indicator value: **0.5**

Disturbance indicator values

Disturbance frequency: **1.07**

Disturbance frequency (herb layer): **1.82**

Disturbance severity: **0.73**

Disturbance severity (herb layer): **0.67**

Mowing frequency: **0.29**

Grazing pressure: **0.29**

Soil disturbance: **0.35**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QC \(CHE\) \*Chenopodietea\*](#), [QF \(ART\) \*Artemisietea vulgaris\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S66 Mediterranean halo-nitrophilous scrub](#)

### Broad habitat

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