

# *Centaurea orientalis*

## Habitus and growth type

Plant height [m]: **0.95**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

Seed mass [mg]: **5.35**

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: **Mesic**

Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **4.8**

Moisture indicator value: **4.8**

Disturbance indicator values

Disturbance frequency: **1.4**

Disturbance frequency (herb layer): **1.96**

Disturbance severity: **0.48**

Disturbance severity (herb layer): **0.46**

Mowing frequency: **0.53**

Grazing pressure: **0.37**

Soil disturbance: **0.18**

## Habitat and sociology

## Syntaxon

Diagnostic species of phytosociological classes: [DA \(FES\) Festuco-Brometea](#)

## EUNIS habitat

Diagnostic species of EUNIS habitats: [R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops](#), [U2A Crimean base-rich scree](#)

## Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub**