

# *Centaurea odessana*

## Habitus and growth type

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

Life form: **Hemicryptophyte**

## Fruit, seed and dispersal

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

Ellenberg-type indicator values

Light indicator value: **8.3**

Temperature indicator value: **5.6**

Moisture indicator value: **4.4**

Reaction indicator value: **7**

Nutrient indicator value: **4.5**

Salinity indicator value: **1.7**

Disturbance indicator values

Disturbance frequency: **1.92**

Disturbance frequency (herb layer): **1.92**

Disturbance severity: **0.44**

Disturbance severity (herb layer): **0.44**

Mowing frequency: **0.06**

Grazing pressure: **0.15**

Soil disturbance: **0.55**

## Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [JD \(AMM\) \*Ammophiletea arundinaceae\*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [N17 Black Sea coastal dune grassland \(grey](#)

**dune)**

Constant species of EUNIS habitats: **N17 Black Sea coastal dune grassland (grey dune)**

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle**