Centaurea spinosa

Habitus and growth type

Life span: **Perennial**
Life form: **Chamaephyte**

Fruit, seed and dispersal

Seed mass [mg]: **2.23**
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**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **11**
Moisture indicator value: **4**
Reaction indicator value: **8**
Nutrient indicator value: **5**
Salinity indicator value: **3**

Disturbance indicator values

Disturbance frequency: **1.22**
Disturbance frequency (herb layer): **1.67**
Disturbance severity: **0.36**
Disturbance severity (herb layer): **0.31**
Mowing frequency: **0.01**
Grazing pressure: **0.19**
Soil disturbance: **0.41**

Habitat and sociology

Syntaxon

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Diagnostic species of phytosociological classes: **FB (ROS) *Ononido-Rosmarinetea*, JB (CRI) *Crithmo-Staticetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **N16 Mediterranean and Macaronesian coastal dune grassland (grey dune)**

Broad habitat

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

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