

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

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**