

# *Centaureum spicatum*

## Habitus and growth type

Plant height [m]: **0.19**

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

Life form: **Hemicryptophyte, Therophyte**

## Flower

Flowering period: **May-October**

## Fruit, seed and dispersal

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

## 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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Saline**

### Ellenberg-type indicator values

Light indicator value: **7.8**

Moisture indicator value: **6.8**

Reaction indicator value: **8**

Nutrient indicator value: **4**

Salinity indicator value: **7**

### Disturbance indicator values

Disturbance frequency: **1.35**

Disturbance frequency (herb layer): **1.36**

Disturbance severity: **0.42**

Disturbance severity (herb layer): **0.41**

Mowing frequency: **0.18**

Grazing pressure: **0.21**

Soil disturbance: **0.19**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [JA \(SAG\) \*Saginetea maritimae\*](#), [OC \(ISO\) \*Isoëto-Nanojuncetea\*](#), [QI \(BID\) \*Bidentetea\*](#)

### Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Wetland, Saline vegetation, Scrub, Sparsely vegetated (incl. rock and scree)**