

# ***Centaureum pulchellum***

## **Habitus and growth type**

Plant height [m]: **0.1**

Life span: **Annual**

Life form: **Therophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **47.01**

## **Flower**

Flowering period: **April-October**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.01**

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: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

### **Ellenberg-type indicator values**

Light indicator value: **8.7**

Moisture indicator value: **6.7**

Reaction indicator value: **7.9**

Nutrient indicator value: **3.4**

Salinity indicator value: **1.1**

### **Disturbance indicator values**

Disturbance frequency: **1.53**

Disturbance frequency (herb layer): **1.97**

Disturbance severity: **0.56**

Disturbance severity (herb layer): **0.54**

Mowing frequency: **0.3**

Grazing pressure: **0.42**

Soil disturbance: **0.23**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [OC \(ISO\) Isoëto-Nanojuncetea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [MA222 Atlantic upper saltmarsh](#), [R32](#)

[Mediterranean short moist grassland of lowlands](#)

Constant species of EUNIS habitats: [MA222 Atlantic upper saltmarsh](#), [R32](#)

[Mediterranean short moist grassland of lowlands](#)

### Broad habitat

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

**Synanthropic**

## Distribution

Continentality amplitude: **10**