

# ***Centaurea benedicta***

## **Habitus and growth type**

Plant height [m]: **0.37**

Life span: **Annual**

Life form: **Therophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **31.55**

## **Flower**

Flowering period: **April-June**

## **Fruit, seed and dispersal**

Seed mass [mg]: **33.82**

Dispersal mode: **Epizoochory**

Dispersal distance class: **6**

## **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**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

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

Light indicator value: **8**

Temperature indicator value: **8.7**

Moisture indicator value: **4**

Reaction indicator value: **6.8**

Nutrient indicator value: **5.8**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **2.13**

Disturbance frequency (herb layer): **2.13**

Disturbance severity: **0.84**

Disturbance severity (herb layer): **0.84**

Mowing frequency: **0.49**

Grazing pressure: **0.24**

Soil disturbance: **0.6**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QC \(CHE\) \*Chenopodietea\*](#)

### Broad habitat

Occurrence in broad habitats: **Synanthropic**

## **Distribution**

Continentality: **8**

Continentality amplitude: **4**