

Centaurea benedicta

Habitus and growth type

Plant height [m]: **0.37**

Life span: **Annual**

Life form: **Therophyte**

Leaf

Specific leaf area [mm²/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**