

# ***Chaerophyllum bulbosum***

## **Habitus and growth type**

Plant height [m]: **1.22**

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

Life form: **Hemicryptophyte, Geophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **17.33**

## **Flower**

Flowering period: **May-August**

## **Fruit, seed and dispersal**

Seed mass [mg]: **1.91**

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

Dispersal distance class: **2**

## **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: **Eutrophic**

Salinity relationship: **Non-saline**

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

Light indicator value: **6.7**

Moisture indicator value: **6.4**

Reaction indicator value: **8**

Nutrient indicator value: **8.2**

Salinity indicator value: **0.2**

### **Disturbance indicator values**

Disturbance frequency: **0.66**

Disturbance frequency (herb layer): **1.35**

Disturbance severity: **0.6**

Disturbance severity (herb layer): **0.44**

Mowing frequency: **0.37**

Grazing pressure: **0.2**

Soil disturbance: **0.16**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [QG \(EPI\) Epilobietea angustifolii](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [V39 Mesic perennial anthropogenic herbaceous vegetation](#)

### Broad habitat

Occurrence in broad habitats: **Wetland, Scrub, Synanthropic**

## Distribution

Continentality: **6**

Continentality amplitude: **5**