

# *Chaerophyllum temulum*

## Habitus and growth type

Plant height [m]: **0.6**

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

Life form: **Hemicryptophyte, Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **27.57**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **2.35**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **5.7**

Reaction indicator value: **6.4**

Nutrient indicator value: **7.4**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.17**

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

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.27**

Mowing frequency: **0.1**

Grazing pressure: **0.2**

Soil disturbance: **0.14**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [HA \(POP\) \*Alno glutinosae-Populetea albae\*](#), [QG \(EPI\) \*Epilobietea angustifolii\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T1G \*Alnus cordata\* forest](#)

Constant species of EUNIS habitats: [T1G \*Alnus cordata\* forest](#)

### Broad habitat

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

## Distribution

Continentality amplitude: **5**