

# *Chaerophyllum aureum*

## Habitus and growth type

Plant height [m]: **0.9**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **21.52**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **7.59**

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: **Hypertrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.4**

Reaction indicator value: **8**

Nutrient indicator value: **8**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.53**

Disturbance frequency (herb layer): **1.42**

Disturbance severity: **0.59**

Disturbance severity (herb layer): **0.41**

Mowing frequency: **0.39**

Grazing pressure: **0.18**

Soil disturbance: **0.21**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CR \(VIR\) \*Betulo carpaticae-Alnetea viridis\*](#), [QG \(EPI\) \*Epilobietea angustifolii\*](#)

### EUNIS habitat

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

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

### Broad habitat

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

## Distribution

Continentality: **4**

Continentality amplitude: **2**