

Chaerophyllum aureum

Habitus and growth type

Plant height [m]: **0.9**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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*](#)

Broad habitat

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

Distribution

Continentality: **4**

Continentality amplitude: **2**