

# *Chrysosplenium alternifolium*

## Habitus and growth type

Plant height [m]: **0.15**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **37.15**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.05**

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

Dispersal distance class: **1**

## 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: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **3.9**

Temperature indicator value: **4.4**

Moisture indicator value: **7.8**

Reaction indicator value: **6.8**

Nutrient indicator value: **5.2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.28**

Disturbance frequency (herb layer): **1.3**  
Disturbance severity: **0.6**  
Disturbance severity (herb layer): **0.3**  
Mowing frequency: **0.07**  
Grazing pressure: **0.16**  
Soil disturbance: **0.11**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [HA \(POP\) \*Alno glutinosae-Populetea albae\*](#), [OA \(MON\) \*Montio-Cardaminetea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [P2N Spring](#), [T12 \*Alnus glutinosa\*-\*Alnus incana\* forest on riparian and mineral soils](#)

Constant species of EUNIS habitats: [P2N Spring](#), [R56 Montane to subalpine moist or wet tall-herb and fern fringe](#), [T12 \*Alnus glutinosa\*-\*Alnus incana\* forest on riparian and mineral soils](#)

### Broad habitat

Occurrence in broad habitats: **Spring, Wetland, Alpine-subalpine and arctic grassland, Forest, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality: **6**  
Continentality amplitude: **6**