Chrysosplenium alternifolium

Habitus and growth type

Plant height [m]: **0.15**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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, R56 Montane to subalpine moist or wet tall-herb and fern fringe, 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**

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