# *Cardamine alpina*

## Habitus and growth type

Plant height [m]: **0.28**
Life span: **Perennial**
Life form: **Hemicryptophyte**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.19**
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: **Slightly acidic to near-neutral**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.5**
Temperature indicator value: **1**
Moisture indicator value: **7**
Reaction indicator value: **5**
Nutrient indicator value: **3**
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.46**
Disturbance frequency (herb layer): **1.6**
Disturbance severity: **0.21**
Disturbance severity (herb layer): **0.2**

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Mowing frequency: **0**
Grazing pressure: **0.14**
Soil disturbance: **0.14**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **LA (HER) *Salicetea herbaceae***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **R41 Snow-bed vegetation**, **S21 Subarctic and alpine dwarf Salix scrub**

### Broad habitat

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

## Distribution

Continentality: **4**
Continentality amplitude: **2**

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