

# *Hornungia alpina*

## Habitus and growth type

Plant height [m]: **0.05**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.25**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.7**

Temperature indicator value: **2**

Reaction indicator value: **7.5**

Nutrient indicator value: **1.8**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.4**

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

Disturbance severity: **0.29**

Disturbance severity (herb layer): **0.29**

Mowing frequency: **0.02**

Grazing pressure: **0.13**

Soil disturbance: **0.18**

## **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [R41 Snow-bed vegetation](#), [U26 Temperate high-mountain base-rich scree and moraine](#)

Constant species of EUNIS habitats: [R41 Snow-bed vegetation](#), [U26 Temperate high-mountain base-rich scree and moraine](#)

Broad habitat

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

## **Distribution**

Continentality: **3**

Continentality amplitude: **3**