

# *Luzula alpinopilosa*

## Habitus and growth type

Plant height [m]: **0.23**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **14.71**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.33**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

## 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: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.1**

Temperature indicator value: **2**

Moisture indicator value: **7**

Reaction indicator value: **4**

Nutrient indicator value: **3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.31**

Disturbance frequency (herb layer): **1.52**  
Disturbance severity: **0.27**  
Disturbance severity (herb layer): **0.24**  
Mowing frequency: **0.01**  
Grazing pressure: **0.18**  
Soil disturbance: **0.12**

## 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](#), [U22 Temperate high-mountain siliceous scree](#)

Constant species of EUNIS habitats: [R41 Snow-bed vegetation](#), [S21 Subarctic and alpine dwarf Salix scrub](#), [U22 Temperate high-mountain siliceous scree](#)

Dominant species of EUNIS habitats: [R41 Snow-bed vegetation](#)

### Broad habitat

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

## Distribution

Continentality: **3**

Continentality amplitude: **3**