Luzula alpinopilosa

Habitus and growth type

Plant height [m]: **0.23**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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**

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