

Luzula alpinopilosa

Habitus and growth type

Plant height [m]: **0.23**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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](#)

Constant species of EUNIS habitats: [R41 Snow-bed vegetation](#), [R43 Temperate acidophilous alpine grassland](#), [S21 Subarctic and alpine dwarf *Salix* scrub](#)

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**