

# *Luzula nivea*

## Habitus and growth type

Plant height [m]: **0.63**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.45**

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: **Mesic**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **3.8**

Temperature indicator value: **4.4**

Moisture indicator value: **4.5**

Reaction indicator value: **3.3**

Nutrient indicator value: **3.8**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.02**

Disturbance frequency (herb layer): **1.26**

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.11**

Mowing frequency: **0**  
Grazing pressure: **0.2**  
Soil disturbance: **0.1**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) \*Carpino-Fagetea sylvaticae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T32 Temperate mountain \*Abies\* forest](#), [T34 Temperate subalpine \*Larix\*, \*Pinus cembra\* and \*Pinus uncinata\* forest](#)

Constant species of EUNIS habitats: [T32 Temperate mountain \*Abies\* forest](#), [T34 Temperate subalpine \*Larix\*, \*Pinus cembra\* and \*Pinus uncinata\* forest](#)

### Broad habitat

Occurrence in broad habitats: **Scrub, Forest**

## Distribution

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