

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**