

# *Luzula spicata*

## Habitus and growth type

Plant height [m]: **0.18**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **10**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.29**

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: **7.9**

Temperature indicator value: **2.2**

Moisture indicator value: **4.7**

Nutrient indicator value: **1.9**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.56**

Disturbance frequency (herb layer): **1.68**

Disturbance severity: **0.3**

Disturbance severity (herb layer): **0.29**

Mowing frequency: **0.02**

Grazing pressure: **0.27**

Soil disturbance: **0.11**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1G Iberian oromediterranean siliceous dry grassland](#), [R1J Cyrno-Sardean oromediterranean siliceous dry grassland](#), [R42 Boreal and Arctic acidophilous alpine grassland](#), [R43 Temperate acidophilous alpine grassland](#), [U21 Boreal and Arctic siliceous scree and block field](#)

Constant species of EUNIS habitats: [R1G Iberian oromediterranean siliceous dry grassland](#), [R1J Cyrno-Sardean oromediterranean siliceous dry grassland](#), [R42 Boreal and Arctic acidophilous alpine grassland](#), [R43 Temperate acidophilous alpine grassland](#), [U21 Boreal and Arctic siliceous scree and block field](#), [U35 Boreal and Arctic base-rich inland cliff](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Heathland, Oromediterranean scrub, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality: **6**

Continentality amplitude: **5**