# *Luzula pediformis*

### Habitus and growth type

Plant height [m]: **0.4**
Life span: **Perennial**
Life form: **Hemicryptophyte**

### Leaf

Specific leaf area [$mm^2$/mg]: **2.22**

### Flower

Flowering period: **May-August**

### Fruit, seed and dispersal

Seed mass [mg]: **1.45**
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: **7.3**
Temperature indicator value: **3**
Moisture indicator value: **4.3**
Reaction indicator value: **3**
Nutrient indicator value: **2**
Salinity indicator value: **0**

#### Disturbance indicator values

Disturbance frequency: **1.36**

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Disturbance frequency (herb layer): **1.71**
Disturbance severity: **0.35**
Disturbance severity (herb layer): **0.33**
Mowing frequency: **0.1**
Grazing pressure: **0.28**
Soil disturbance: **0.11**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **CT (TRI) *Juncetea trifidi***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **R43 Temperate acidophilous alpine grassland**

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest**

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