# *Lycopodium alpinum*

### Habitus and growth type

Plant height [m]: **0.07**
Life span: **Perennial**
Life form: **Chamaephyte**

### Leaf

Specific leaf area [$mm^2$/mg]: **11.32**

### Flower

Flowering period: **June-September**

### Fruit, seed and dispersal

Seed mass [mg]:
Dispersal mode: **Anemochory**
Dispersal distance class: **5**

### Trophic mode

Parasitism and mycoheterotrophy: **initial or partial mycoheterotroph**
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: **7.8**
Temperature indicator value: **2.9**
Moisture indicator value: **5.2**
Reaction indicator value: **2**
Nutrient indicator value: **2**
Salinity indicator value: **0**

#### Disturbance indicator values

Disturbance frequency: **1.23**

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Disturbance frequency (herb layer): **1.56**
Disturbance severity: **0.32**
Disturbance severity (herb layer): **0.3**
Mowing frequency: **0.03**
Grazing pressure: **0.27**
Soil disturbance: **0.09**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **AC (LOI) *Loiseleurio procumbentis-Vaccinietea*, CT (TRI) *Juncetea trifidi***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **R42 Boreal and Arctic acidophilous alpine grassland, S12 Moss and lichen tundra**
Constant species of EUNIS habitats: **R42 Boreal and Arctic acidophilous alpine grassland**

### Broad habitat

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

## Distribution

Continentality amplitude: **6**

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