

# *Lycopodium alpinum*

## Habitus and growth type

Plant height [m]: **0.07**

Life span: **Perennial**

Life form: **Chamaephyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**

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**