

Lycopodium alpinum

Habitus and growth type

Plant height [m]: **0.07**

Life span: **Perennial**

Life form: **Chamaephyte**

Leaf

Specific leaf area [mm²/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](#), [S12 Moss and lichen tundra](#)

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**