# *Lycopodium complanatum*

## Habitus and growth type

Plant height [m]: **0.17**
Life span: **Perennial**
Life form: **Chamaephyte**

## Leaf

Specific leaf area [$mm^2$/mg]: **6.84**

## Flower

Flowering period: **June-September**

## Fruit, seed and dispersal

Dispersal mode: **Anemochory**
Dispersal distance class: **3**

## 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: **Dry**
Substrate reaction relationship: **Acidic**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **5.9**
Temperature indicator value: **4.1**
Moisture indicator value: **4.5**
Reaction indicator value: **1.3**
Nutrient indicator value: **2**
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.12**
Disturbance frequency (herb layer): **1.47**

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Disturbance severity: **0.68**
Disturbance severity (herb layer): **0.13**
Mowing frequency: **0**
Grazing pressure: **0.21**
Soil disturbance: **0.15**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **BA (PIC) *Vaccinio-Piceetea*, CI (NAR) *Nardetea strictae***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils, T3G Pinus sylvestris light taiga**

### Broad habitat

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

## Distribution

Continentality: **6**
Continentality amplitude: **6**

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