Pinguicula alpina

Habitus and growth type

Plant height [m]: **0.06**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **27.86**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **7.41**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate humidity relationship: **Wet**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.3**
Temperature indicator value: **3.1**
Moisture indicator value: **8**
Reaction indicator value: **7.8**
Nutrient indicator value: **2.4**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.79**

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Disturbance frequency (herb layer): **1.04**
Disturbance severity: **0.29**
Disturbance severity (herb layer): **0.23**
Mowing frequency: **0.08**
Grazing pressure: **0.18**
Soil disturbance: **0.07**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **OA (MON) *Montio-Cardaminetea*, PA (SCH) *Scheuchzerio palustris-Caricetea fuscae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q45 Arctic-alpine rich fen**
Constant species of EUNIS habitats: **Q45 Arctic-alpine rich fen**

Broad habitat

Occurrence in broad habitats: **Aquatic, Spring, Wetland, Mire, Grassland (non-alpine, non-saline), Scrub**

Distribution

Continentality: **7**
Continentality amplitude: **4**

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