Bartsia alpina

Habitus and growth type

Plant height [m]: **0.12**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **17.33**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.27**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

Trophic mode

Parasitism and mycoheterotrophy: **euphytoid hemiparasite**
Carnivory: **non-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: **2.8**
Moisture indicator value: **7.5**
Reaction indicator value: **7**
Nutrient indicator value: **2.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.03**

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Disturbance frequency (herb layer): **1.18**
Disturbance severity: **0.27**
Disturbance severity (herb layer): **0.24**
Mowing frequency: **0.08**
Grazing pressure: **0.2**
Soil disturbance: **0.09**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CU (SES) *Elyno-Seslerietea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q45 Arctic-alpine rich fen**, **R44 Arctic-alpine calcareous grassland**, **S21 Subarctic and alpine dwarf Salix scrub**, **U25 Boreal and Arctic base-rich scree and block field**

Constant species of EUNIS habitats: **Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen**, **Q45 Arctic-alpine rich fen**, **R44 Arctic-alpine calcareous grassland**, **S21 Subarctic and alpine dwarf Salix scrub**, **S22 Alpine and subalpine ericoid heath**, **U25 Boreal and Arctic base-rich scree and block field**, **U35 Boreal and Arctic base-rich inland cliff**

Broad habitat

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

Distribution

Continentality amplitude: **5**

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