

# *Poa alpina*

## Habitus and growth type

Plant height [m]: **0.23**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **19.92**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.38**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

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: **Slightly acidic to near-neutral**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.4**

Temperature indicator value: **2.7**

Reaction indicator value: **6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.09**

Disturbance frequency (herb layer): **1.48**

Disturbance severity: **0.34**

Disturbance severity (herb layer): **0.3**

Mowing frequency: **0.09**  
Grazing pressure: **0.27**  
Soil disturbance: **0.15**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [AE \(COC\) \*Saxifraga cernuae-Cochlearieta groenlandicae\*](#), [CU \(SES\) \*Elyno-Seslerieta\*](#), [QH \(ARC\) \*Matricario-Poetea arcticae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R41 Snow-bed vegetation](#), [R43 Temperate acidophilous alpine grassland](#), [R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines](#), [S21 Subarctic and alpine dwarf Salix scrub](#), [U22 Temperate high-mountain siliceous scree](#), [U26 Temperate high-mountain base-rich scree and moraine](#)

Constant species of EUNIS habitats: [Q45 Arctic-alpine rich fen](#), [R14 Perennial rocky grassland of the Italian Peninsula](#), [R1K Balkan and Anatolian oromediterranean dry grassland](#), [R23 Mountain hay meadow](#), [R41 Snow-bed vegetation](#), [R43 Temperate acidophilous alpine grassland](#), [R44 Arctic-alpine calcareous grassland](#), [R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines](#), [R56 Montane to subalpine moist or wet tall-herb and fern fringe](#), [S21 Subarctic and alpine dwarf Salix scrub](#), [S22 Alpine and subalpine ericoid heath](#), [T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest](#), [U21 Boreal and Arctic siliceous scree and block field](#), [U22 Temperate high-mountain siliceous scree](#), [U25 Boreal and Arctic base-rich scree and block field](#), [U26 Temperate high-mountain base-rich scree and moraine](#), [U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions](#)

### Broad habitat

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

## Distribution

Continentality: **6**  
Continentality amplitude: **5**