Poa alpina

Habitus and growth type

Plant height [m]: **0.23**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **AE (COC) *Saxifrago cernuae-Cochlearietea groenlandicae***, **CU (SES) *Elyno-Seslerietea***, **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**

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