

# *Poa arctica*

## Habitus and growth type

Plant height [m]: **0.34**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **9.8**

## Fruit, seed and dispersal

Seed mass [mg]: **2.08**

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

Dispersal distance class: **2**

## 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**

Ellenberg-type indicator values

Moisture indicator value: **5**

Disturbance indicator values

Disturbance frequency: **1.4**

Disturbance frequency (herb layer): **1.53**

Disturbance severity: **0.23**

Disturbance severity (herb layer): **0.2**

Mowing frequency: **0.01**

Grazing pressure: **0.2**

Soil disturbance: **0.12**

## Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [\*\*AB \(KOB\) \*Carici rupestris-Kobresietea bellardii\*\*\*](#), [\*\*AE \(COC\) \*Saxifrago cernuae-Cochlearietea groenlandicae\*\*\*](#),

**QH (ARC) *Matricario-Poetea arcticae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q31 Palsa mire**

Broad habitat

Occurrence in broad habitats: **Mire, Alpine-subalpine and arctic grassland,**

**Synanthropic**