

# *Calamagrostis lapponica*

## Habitus and growth type

Plant height [m]: **0.15**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **25.71**

## Fruit, seed and dispersal

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: **Wet**

Ellenberg-type indicator values

Moisture indicator value: **7**

Disturbance indicator values

Disturbance frequency: **1.07**

Disturbance frequency (herb layer): **1.54**

Disturbance severity: **0.34**

Disturbance severity (herb layer): **0.27**

Mowing frequency: **0**

Grazing pressure: **0.31**

Soil disturbance: **0.12**

## Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [BA \(PIC\) Vaccinio-Piceetea](#), [QH \(ARC\) Matricario-Poetea arcticae](#)

## EUNIS habitat

Diagnostic species of EUNIS habitats: [S11 Shrub tundra](#), [U21 Boreal and Arctic siliceous scree and block field](#)

Constant species of EUNIS habitats: [R42 Boreal and Arctic acidophilous alpine grassland](#), [S11 Shrub tundra](#), [S12 Moss and lichen tundra](#), [U21 Boreal and Arctic siliceous scree and block field](#), [U25 Boreal and Arctic base-rich scree and block field](#), [U35 Boreal and Arctic base-rich inland cliff](#)

## Broad habitat

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