Agrostis mertensii subsp. *borealis*

Habitus and growth type

Plant height [m]: **0.05**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **24.03**

Fruit, seed and dispersal

Seed mass [mg]: **0.13**
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**
Nutrient relationship: **Dystrophic**
Salinity relationship: **Non-saline**
Ellenberg-type indicator values
Light indicator value: **9**
Temperature indicator value: **2**
Moisture indicator value: **5.5**
Reaction indicator value: **6**
Nutrient indicator value: **1**
Salinity indicator value: **0**
Disturbance indicator values
Disturbance frequency: **1.45**
Disturbance frequency (herb layer): **1.69**
Disturbance severity: **0.3**
Disturbance severity (herb layer): **0.27**

Mowing frequency: **0.03**

Grazing pressure: **0.19**

Soil disturbance: **0.12**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **[CT (TRI) *Juncetea trifidi*](#)**

EUNIS habitat

Diagnostic species of EUNIS habitats: **[R42 Boreal and Arctic acidophilous alpine grassland](#), [U21 Boreal and Arctic siliceous scree and block field](#), [U25 Boreal and Arctic base-rich scree and block field](#), [U52 Polar desert](#)**

Constant species of EUNIS habitats: **[R42 Boreal and Arctic acidophilous alpine grassland](#), [U21 Boreal and Arctic siliceous scree and block field](#), [U25 Boreal and Arctic base-rich scree and block field](#), [U52 Polar desert](#)**

Broad habitat

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