# *Juncus arcticus* subsp. *arcticus*

### Habitus and growth type

Plant height [m]: **0.45**
Life span: **Perennial**
Life form: **Hemicryptophyte**

### Leaf

Specific leaf area [$mm^2$/mg]: **4.41**

### Fruit, seed and dispersal

Seed mass [mg]: **0.06**
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: **Wet**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

#### Ellenberg-type indicator values

Light indicator value: **7.5**
Temperature indicator value: **2.3**
Moisture indicator value: **8.3**
Reaction indicator value: **6.5**
Nutrient indicator value: **3**
Salinity indicator value: **0**

#### Disturbance indicator values

Disturbance frequency: **1.62**
Disturbance frequency (herb layer): **1.87**
Disturbance severity: **0.22**
Disturbance severity (herb layer): **0.2**

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Mowing frequency: **0.19**
Grazing pressure: **0.11**
Soil disturbance: **0.03**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **PA (SCH) *Scheuchzerio palustris-Caricetea fuscae***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **Q45 Arctic-alpine rich fen**
Constant species of EUNIS habitats: **Q45 Arctic-alpine rich fen**

### Broad habitat

Occurrence in broad habitats: **Spring, Wetland, Mire, Sparsely vegetated (incl. rock and scree)**

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