

# *Carex frigida*

## Habitus and growth type

Plant height [m]: **0.27**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **27.9**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.39**

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**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.8**

Temperature indicator value: **2**

Moisture indicator value: **8.8**

Reaction indicator value: **7.3**

Nutrient indicator value: **1.7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.39**

Disturbance frequency (herb layer): **1.7**  
Disturbance severity: **0.24**  
Disturbance severity (herb layer): **0.22**  
Mowing frequency: **0.17**  
Grazing pressure: **0.12**  
Soil disturbance: **0.09**

## 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)**

## Distribution

Continentality: **3**  
Continentality amplitude: **3**