

# *Eriophorum scheuchzeri*

## Habitus and growth type

Plant height [m]: **0.19**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **9.96**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.43**

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

## 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: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **2**

Moisture indicator value: **9.3**

Reaction indicator value: **3**

Nutrient indicator value: **1.8**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.3**

Disturbance frequency (herb layer): **1.42**  
Disturbance severity: **0.16**  
Disturbance severity (herb layer): **0.15**  
Mowing frequency: **0.04**  
Grazing pressure: **0.12**  
Soil disturbance: **0.2**

### **Habitat and sociology**

#### Syntaxon

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

#### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q31 Palsa mire](#)

Constant species of EUNIS habitats: [Q31 Palsa mire](#)

#### Broad habitat

Occurrence in broad habitats: **Aquatic, Spring, Mire**

### **Distribution**

Continentality amplitude: 7