

Eriophorum gracile

Habitus and growth type

Plant height [m]: **0.28**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

Flower

Flowering period: **May-July**

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**

Temperature indicator value: **4.4**

Moisture indicator value: **9.3**

Reaction indicator value: **3.8**

Nutrient indicator value: **1.8**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.22**

Disturbance frequency (herb layer): **1.44**

Disturbance severity: **0.17**

Disturbance severity (herb layer): **0.14**

Mowing frequency: **0.14**

Grazing pressure: **0.09**

Soil disturbance: **0.2**

Habitat and sociology

Syntaxon

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

Broad habitat

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

Distribution

Continentality: **7**

Continentality amplitude: **5**