

Trichophorum alpinum

Habitus and growth type

Plant height [m]: **0.17**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm²/mg]: **9.43**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.32**

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: **Water**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **4**

Moisture indicator value: **9.5**

Nutrient indicator value: **2**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.14**

Disturbance frequency (herb layer): **1.66**

Disturbance severity: **0.22**

Disturbance severity (herb layer): **0.18**

Mowing frequency: **0.39**

Grazing pressure: **0.1**

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: [Q42 Extremely rich moss-sedge fen](#)

Constant species of EUNIS habitats: [Q42 Extremely rich moss-sedge fen](#), [Q44 Calcareous quaking mire](#), [Q45 Arctic-alpine rich fen](#)

Broad habitat

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

Distribution

Continentality: **6**

Continentality amplitude: **5**