

# *Eriophorum angustifolium*

## Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **10.46**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.56**

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: **8.2**

Temperature indicator value: **4.2**

Moisture indicator value: **9.4**

Reaction indicator value: **3.9**

Nutrient indicator value: **1.9**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.18**

Disturbance frequency (herb layer): **1.43**  
Disturbance severity: **0.23**  
Disturbance severity (herb layer): **0.19**  
Mowing frequency: **0.29**  
Grazing pressure: **0.14**  
Soil disturbance: **0.14**

## Habitat and sociology

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q12 Blanket bog](#), [Q21 Oceanic valley mire](#), [Q22 Poor fen](#), [Q24 Intermediate fen and soft-water spring mire](#), [Q25 Non-calcareous quaking mire](#), [Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen](#), [Q42 Extremely rich moss-sedge fen](#), [Q44 Calcareous quaking mire](#), [Q45 Arctic-alpine rich fen](#), [S41 Wet heath](#)

Constant species of EUNIS habitats: [P3g Dystrophic-water vegetation](#), [Q11 Raised bog](#), [Q12 Blanket bog](#), [Q21 Oceanic valley mire](#), [Q22 Poor fen](#), [Q23 Relict mire of Mediterranean mountains](#), [Q24 Intermediate fen and soft-water spring mire](#), [Q25 Non-calcareous quaking mire](#), [Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen](#), [Q42 Extremely rich moss-sedge fen](#), [Q43 Tall-sedge base-rich fen](#), [Q44 Calcareous quaking mire](#), [Q45 Arctic-alpine rich fen](#), [Q46 Carpathian travertine fen with halophytes](#), [S41 Wet heath](#), [T16 Broadleaved mire forest on acid peat](#), [U35 Boreal and Arctic base-rich inland cliff](#)

Dominant species of EUNIS habitats: [Q22 Poor fen](#), [Q25 Non-calcareous quaking mire](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic, Spring, Wetland, Mire, Grassland (non-alpine, non-saline), Heathland, Forest, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality amplitude: 7