

# *Eriophorum latifolium*

## Habitus and growth type

Plant height [m]: **0.42**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **15.75**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.76**

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: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.2**

Temperature indicator value: **4.6**

Moisture indicator value: **9.1**

Reaction indicator value: **7.1**

Nutrient indicator value: **2**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **1.57**

Disturbance frequency (herb layer): **1.83**  
Disturbance severity: **0.28**  
Disturbance severity (herb layer): **0.26**  
Mowing frequency: **0.82**  
Grazing pressure: **0.13**  
Soil disturbance: **0.06**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [IA \(ALN\) \*Alnetea glutinosae\*](#), [PA \(SCH\) \*Scheuchzeria palustris\*-\*Caricetea fuscae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q23 Relict mire of Mediterranean mountains](#), [Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen](#), [Q42 Extremely rich moss-sedge fen](#), [Q43 Tall-sedge base-rich fen](#)

Constant species of EUNIS habitats: [Q23 Relict mire of Mediterranean mountains](#), [Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen](#), [Q42 Extremely rich moss-sedge fen](#), [Q43 Tall-sedge base-rich fen](#), [Q46 Carpathian travertine fen with halophytes](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic, Spring, Wetland, Mire, Grassland (non-alpine, non-saline), Forest**

## Distribution

Continentality amplitude: **5**