# *Eriophorum latifolium*

### Habitus and growth type

Plant height [m]: **0.42**
Life span: **Perennial**
Life form: **Hemicryptophyte**

### Leaf

Specific leaf area [$mm^2$/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**

*© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz*

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) *Scheuchzerio 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**, **Q46 Carpathian travertine fen with halophytes**

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**

*© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz*