Eriophorum angustifolium

Habitus and growth type

Plant height [m]: **0.3**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/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**

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

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**

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