Eriophorum vaginatum

Habitus and growth type

Plant height [m]: **0.43**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **11.99**

Flower

Flowering period: **June-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.94**
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 reaction relationship: **Acidic**
Nutrient relationship: **Dystrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.6**
Temperature indicator value: **3.6**
Moisture indicator value: **9**
Reaction indicator value: **1.9**
Nutrient indicator value: **1**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.52**
Disturbance frequency (herb layer): **1.3**

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Disturbance severity: **0.33**
Disturbance severity (herb layer): **0.12**
Mowing frequency: **0.11**
Grazing pressure: **0.15**
Soil disturbance: **0.17**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **PB (OXY) *Oxycocco-Sphagnetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q11 Raised bog**, **Q12 Blanket bog**, **Q21 Oceanic valley mire**, **Q31 Palsa mire**, **T3J Pinus and Larix mire forest**, **T3K Picea mire forest**

Constant species of EUNIS habitats: **Q11 Raised bog**, **Q12 Blanket bog**, **Q21 Oceanic valley mire**, **Q22 Poor fen**, **Q23 Relict mire of Mediterranean mountains**, **Q25 Non-calcareous quaking mire**, **Q31 Palsa mire**, **S41 Wet heath**, **T16 Broadleaved mire forest on acid peat**, **T3J Pinus and Larix mire forest**, **T3K Picea mire forest**

Dominant species of EUNIS habitats: **Q11 Raised bog**, **Q21 Oceanic valley mire**, **T16 Broadleaved mire forest on acid peat**, **T3J Pinus and Larix mire forest**

Broad habitat

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

Distribution

Continentality amplitude: **7**

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