Calamagrostis canescens

Habitus and growth type

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

Leaf

Specific leaf area [mm^2/mg]: **19.58**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.07**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

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: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.5**
Temperature indicator value: **4.7**
Moisture indicator value: **9**
Reaction indicator value: **5.7**
Nutrient indicator value: **5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.55**

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

Disturbance frequency (herb layer): **1.31**
Disturbance severity: **0.46**
Disturbance severity (herb layer): **0.24**
Mowing frequency: **0.23**
Grazing pressure: **0.14**
Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **IA (ALN) *Alnetea glutinosae***, **OD (PHR) *Phragmito-Magnocaricetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **S92 Salix fen scrub**, **T15 Broadleaved swamp forest on non-acid peat**, **T16 Broadleaved mire forest on acid peat**
Constant species of EUNIS habitats: **S92 Salix fen scrub**, **T15 Broadleaved swamp forest on non-acid peat**, **T16 Broadleaved mire forest on acid peat**
Dominant species of EUNIS habitats: **T15 Broadleaved swamp forest on non-acid peat**

Broad habitat

Occurrence in broad habitats: **Aquatic, Spring, Wetland, Mire, Scrub, Forest**

Distribution

Continentality: **5**
Continentality amplitude: **4**

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