

# *Calamagrostis canescens*

## Habitus and growth type

Plant height [m]:

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**

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: [T15 Broadleaved swamp forest on non-acid peat](#)

Constant species of EUNIS habitats: [Q51 Tall-helophyte bed](#), [S92 \*Salix fen\* scrub](#), [T15 Broadleaved swamp forest on non-acid peat](#), [T16 Broadleaved mire forest on acid peat](#)

### Broad habitat

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

## Distribution

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