Calamagrostis villosa

Habitus and growth type

Plant height [m]: **0.65**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **24.91**

Flower

Flowering period: **July-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.23**
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: **Acidic**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **5.9**
Temperature indicator value: **3.7**
Moisture indicator value: **6.6**
Reaction indicator value: **2.3**
Nutrient indicator value: **3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.13**

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Disturbance frequency (herb layer): **0.98**
Disturbance severity: **0.59**
Disturbance severity (herb layer): **0.15**
Mowing frequency: **0.03**
Grazing pressure: **0.19**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CS (MUL) *Mulgedio-Aconitetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **S25 Subalpine and subarctic deciduous scrub**, **S26 Subalpine Pinus mugo scrub**, **T31 Temperate mountain Picea forest**, **T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest**, **T3K Picea mire forest**
Constant species of EUNIS habitats: **R56 Montane to subalpine moist or wet tall-herb and fern fringe**, **S25 Subalpine and subarctic deciduous scrub**, **S26 Subalpine Pinus mugo scrub**, **T31 Temperate mountain Picea forest**, **T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest**, **T3K Picea mire forest**
Dominant species of EUNIS habitats: **S26 Subalpine Pinus mugo scrub**, **T31 Temperate mountain Picea forest**, **T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest**, **T3K Picea mire forest**

Broad habitat

Occurrence in broad habitats: **Spring, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Heathland, Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality: **5**
Continentality amplitude: **1**

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