Calamagrostis purpurea

Habitus and growth type

Plant height [m]: **1.19**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **23.96**

Fruit, seed and dispersal

Seed mass [mg]: **0.1**
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: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**
Temperature indicator value: **4**
Moisture indicator value: **7.7**
Reaction indicator value: **6**
Nutrient indicator value: **3.4**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.2**
Disturbance frequency (herb layer): **1.34**
Disturbance severity: **0.62**
Disturbance severity (herb layer): **0.18**

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Mowing frequency: **0.06**
Grazing pressure: **0.18**
Soil disturbance: **0.13**

Habitat and sociology

Broad habitat

Occurrence in broad habitats: **Mire, Alpine-subalpine and arctic grassland, Synanthropic**

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