Festuca pallens

Habitus and growth type

Plant height [m]: **0.25**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **5.55**

Fruit, seed and dispersal

Seed mass [mg]: **1.04**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

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: **Dry**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Dystrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.6**
Temperature indicator value: **6.8**
Moisture indicator value: **2.7**
Reaction indicator value: **7.3**
Nutrient indicator value: **1**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.83**
Disturbance frequency (herb layer): **1.48**
Disturbance severity: **0.39**
Disturbance severity (herb layer): **0.31**

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Mowing frequency: **0.09**
Grazing pressure: **0.28**
Soil disturbance: **0.19**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CU (SES) *Elyno-Seslerietea*, DA (FES) *Festuco-Brometea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R16 Perennial rocky grassland of Central and South-Eastern Europe, R1S Heavy-metal grassland in Western and Central Europe, U3A Temperate ultramafic inland cliff**
Constant species of EUNIS habitats: **R16 Perennial rocky grassland of Central and South-Eastern Europe, R1S Heavy-metal grassland in Western and Central Europe, U3A Temperate ultramafic inland cliff**
Dominant species of EUNIS habitats: **R16 Perennial rocky grassland of Central and South-Eastern Europe**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Forest, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **6**
Continentality amplitude: **2**

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