Festuca halleri

Habitus and growth type

Plant height [m]: **0.13**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **1.02**

Flower

Flowering period: **June-August**

Fruit, seed and dispersal

Seed mass [mg]: **1.25**
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: **Acidic**
Nutrient relationship: **Dystrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **9**
Temperature indicator value: **1.5**
Moisture indicator value: **3.3**
Reaction indicator value: **1.7**
Nutrient indicator value: **1.3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.35**

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

Disturbance frequency (herb layer): **1.56**
Disturbance severity: **0.3**
Disturbance severity (herb layer): **0.28**
Mowing frequency: **0.02**
Grazing pressure: **0.25**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CT (TRI) *Juncetea trifidi***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R43 Temperate acidophilous alpine grassland, U32 Temperate high-mountain siliceous inland cliff**

Constant species of EUNIS habitats: **U32 Temperate high-mountain siliceous inland cliff**

Broad habitat

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

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