Trisetum alpestre

Habitus and growth type

Plant height [m]: **0.3**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Flower

Flowering period: **June-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.28**
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: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **2.9**
Moisture indicator value: **4.4**
Reaction indicator value: **8**
Nutrient indicator value: **2.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.07**
Disturbance frequency (herb layer): **1.39**
Disturbance severity: **0.33**
Disturbance severity (herb layer): **0.29**

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

Mowing frequency: **0.02**
Grazing pressure: **0.25**
Soil disturbance: **0.11**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CU (SES) *Elyno-Seslerietea*, KC (ASP) *Asplenietea trichomanis***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R44 Arctic-alpine calcareous grassland, U36 Temperate high-mountain base-rich inland cliff**

Broad habitat

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

Distribution

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

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