

# *Trifolium alpestre*

## Habitus and growth type

Plant height [m]: **0.26**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **11.28**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **2.62**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **symbiosis with rhizobia**

## Taxon origin

Origin in Europe: **native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.1**

Temperature indicator value: **5.8**

Moisture indicator value: **3.4**

Reaction indicator value: **6.6**

Nutrient indicator value: **3.2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.44**

Disturbance frequency (herb layer): **1.53**  
Disturbance severity: **0.55**  
Disturbance severity (herb layer): **0.33**  
Mowing frequency: **0.33**  
Grazing pressure: **0.25**  
Soil disturbance: **0.15**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CL \(GER\) \*Trifolio-Geranietea sanguinei\*](#)

### EUNIS habitat

Constant species of EUNIS habitats: [R17 Heavy-metal dry grassland of the Balkans](#),  
[R51 Thermophilous forest fringe of base-rich soils](#)

### Broad habitat

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

## Distribution

Continentality: **5**  
Continentality amplitude: **4**