Thymus alpestris

Habitus and growth type

Plant height [m]: **0.09**
Life span: **Perennial**
Life form: **Chamaephyte**

Leaf

Leaf type (woody plants only): **Sclerophyllous**
Leaf phenology (woody plants only): **Evergreen**

Fruit, seed and dispersal

Seed mass [mg]: **0.15**
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: **Slightly acidic to near-neutral**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.8**
Temperature indicator value: **3.2**
Moisture indicator value: **5.1**
Reaction indicator value: **4.5**
Nutrient indicator value: **2.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.63**
Disturbance frequency (herb layer): **0.72**
Disturbance severity: **0.33**

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Disturbance severity (herb layer): **0.26**
Mowing frequency: **0.05**
Grazing pressure: **0.23**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CH (ULI) *Calluno-Ulicetea***

Broad habitat

Occurrence in broad habitats: **Heathland, Sparsely vegetated (incl. rock and scree)**

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