Epilobium alpestre

Habitus and growth type

Plant height [m]: **0.57**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **33.45**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.24**
Dispersal mode: **Anemochory**
Dispersal distance class: **5**

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: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**
Temperature indicator value: **3.2**
Moisture indicator value: **6**
Reaction indicator value: **6.3**
Nutrient indicator value: **7.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.55**

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Disturbance frequency (herb layer): **1.13**
Disturbance severity: **0.43**
Disturbance severity (herb layer): **0.25**
Mowing frequency: **0.09**
Grazing pressure: **0.17**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CS (MUL) *Mulgedio-Aconitetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R56 Montane to subalpine moist or wet tall-herb and fern fringe**, **S25 Subalpine and subarctic deciduous scrub**
Constant species of EUNIS habitats: **R56 Montane to subalpine moist or wet tall-herb and fern fringe**

Broad habitat

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

Distribution

Continentality: **4**
Continentality amplitude: **2**

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