# *Valeriana elongata*

## Habitus and growth type

Plant height [m]: **0.11**
Life span: **Perennial**
Life form: **Hemicryptophyte**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

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

Temperature indicator value: **3**
Moisture indicator value: **6**
Reaction indicator value: **8**
Nutrient indicator value: **1.5**
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.88**
Disturbance frequency (herb layer): **0.91**
Disturbance severity: **0.24**
Disturbance severity (herb layer): **0.23**
Mowing frequency: **0**
Grazing pressure: **0.12**

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Soil disturbance: **0.09**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **KC (ASP) *Asplenietea trichomanis*, KE (THL) *Thlaspietea rotundifolii***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **U36 Temperate high-mountain base-rich inland cliff**

### Broad habitat

Occurrence in broad habitats: **Coastal cliff, Spring, Scrub, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality: **5**
Continentality amplitude: **1**

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