

# *Valeriana saxatilis*

## Habitus and growth type

Plant height [m]: **0.12**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.6**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **3**

Moisture indicator value: **4**

Reaction indicator value: **9**

Nutrient indicator value: **2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.36**

Disturbance frequency (herb layer): **0.8**

Disturbance severity: **0.4**

Disturbance severity (herb layer): **0.2**

Mowing frequency: **0.01**

Grazing pressure: **0.2**

Soil disturbance: **0.07**

## **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [R44 Arctic-alpine calcareous grassland](#), [U36 Temperate high-mountain base-rich inland cliff](#)

Constant species of EUNIS habitats: [U36 Temperate high-mountain base-rich inland cliff](#)

Broad habitat

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

## **Distribution**

Continentality: **5**

Continentality amplitude: **1**