

# *Linaria alpina*

## Habitus and growth type

Plant height [m]: **0.06**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

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

## Flower

Flowering period: **June-September**

## Fruit, seed and dispersal

Seed mass [mg]: **0.3**

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: **9**

Temperature indicator value: **3**

Moisture indicator value: **3.5**

Reaction indicator value: **7.8**

Nutrient indicator value: **1.8**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.43**

Disturbance frequency (herb layer): **1.49**  
Disturbance severity: **0.37**  
Disturbance severity (herb layer): **0.36**  
Mowing frequency: **0.02**  
Grazing pressure: **0.14**  
Soil disturbance: **0.21**

## **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [U22 Temperate high-mountain siliceous scree](#), [U26 Temperate high-mountain base-rich scree and moraine](#), [U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions](#)

Constant species of EUNIS habitats: [U26 Temperate high-mountain base-rich scree and moraine](#), [U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions](#)

Broad habitat

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

## **Distribution**

Continentality: **4**

Continentality amplitude: **2**