

# *Arabis alpina*

## Habitus and growth type

Plant height [m]: **0.18**

Life span: **Perennial**

Life form: **Chamaephyte, Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **26.32**

## Flower

Flowering period: **February-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.27**

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

Light indicator value: **7.7**

Reaction indicator value: **8.4**

Nutrient indicator value: **2.8**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.66**

Disturbance frequency (herb layer): **1.21**

Disturbance severity: **0.4**

Disturbance severity (herb layer): **0.29**

Mowing frequency: **0.04**

Grazing pressure: **0.15**

Soil disturbance: **0.15**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [U26 Temperate high-mountain base-rich scree and moraine](#)

Constant species of EUNIS habitats: [R1L Madeiran oromediterranean siliceous dry grassland](#), [R41 Snow-bed vegetation](#), [T33 Mediterranean mountain Abies forest](#), [T38 Mediterranean montane Cedrus forest](#), [U26 Temperate high-mountain base-rich scree and moraine](#), [U29 Eastern Mediterranean base-rich scree](#)

### Broad habitat

Occurrence in broad habitats: **Coastal cliff, Spring, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Forest, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality amplitude: **5**