

# *Clematis alpina*

## Habitus and growth type

Plant height [m]: **1.47**

Life span: **Perennial**

Life form: **Phanerophyte, Woody liana**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **3.08**

Dispersal mode: **Anemochory**

Dispersal distance class: **3**

## 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**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **4.8**

Temperature indicator value: **3.1**

Moisture indicator value: **5.7**

Nutrient indicator value: **4**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.05**

Disturbance frequency (herb layer): **0.95**

Disturbance severity: **0.64**

Disturbance severity (herb layer): **0.13**

Mowing frequency: **0.01**

Grazing pressure: **0.19**

Soil disturbance: **0.09**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [BA \(PIC\) Vaccinio-Piceetea](#), [CP \(MUG\) \*Rosa pendulinae\*-Pinetea mugo](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T3H Larix light taiga](#)

Constant species of EUNIS habitats: [S26 Subalpine Pinus mugo scrub](#), [T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest](#), [T3H Larix light taiga](#)

### Broad habitat

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

## Distribution

Continentality: **7**

Continentality amplitude: **5**