

# *Pulsatilla alpina*

## Habitus and growth type

Plant height [m]: **0.26**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **1.47**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **5.73**

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

## 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: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.2**

Temperature indicator value: **2.7**

Nutrient indicator value: **2.3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.8**

Disturbance frequency (herb layer): **1.18**

Disturbance severity: **0.35**

Disturbance severity (herb layer): **0.28**

Mowing frequency: **0.05**

Grazing pressure: **0.24**

Soil disturbance: **0.09**

## **Habitat and sociology**

### EUNIS habitat

Constant species of EUNIS habitats: [R43 Temperate acidophilous alpine grassland](#), [R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines](#), [S22 Alpine and subalpine ericoid heath](#), [S24 Subalpine genistoid scrub of the Amphi-Adriatic region](#), [T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest](#)

### Broad habitat

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