

# ***Ranunculus alpestris***

## **Habitus and growth type**

Plant height [m]: **0.07**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Flower**

Flowering period: **June-August**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.26**

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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### **Ellenberg-type indicator values**

Light indicator value: **8.8**

Temperature indicator value: **1.8**

Reaction indicator value: **7.7**

Nutrient indicator value: **3.1**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **1.2**

Disturbance frequency (herb layer): **1.35**

Disturbance severity: **0.26**

Disturbance severity (herb layer): **0.24**

Mowing frequency: **0.01**

Grazing pressure: **0.18**

Soil disturbance: **0.11**

## Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [R41 Snow-bed vegetation](#)

Constant species of EUNIS habitats: [R41 Snow-bed vegetation](#), [S21 Subarctic and alpine dwarf Salix scrub](#)

Broad habitat

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

## Distribution

Continentality: **4**

Continentality amplitude: **2**