

# *Euphrasia minima*

## Habitus and growth type

Plant height [m]: **0.1**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **3.52**

## Flower

Flowering period: **June-September**

## Fruit, seed and dispersal

Seed mass [mg]: **0.18**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

## Trophic mode

Parasitism and mycoheterotrophy: **euphytoid hemiparasite**

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: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.5**

Temperature indicator value: **2**

Moisture indicator value: **5**

Reaction indicator value: **2.2**

Nutrient indicator value: **2.6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.43**

Disturbance frequency (herb layer): **1.63**

Disturbance severity: **0.29**

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

Mowing frequency: **0.03**

Grazing pressure: **0.26**

Soil disturbance: **0.1**

## **Habitat and sociology**

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R43 Temperate acidophilous alpine grassland](#)

Constant species of EUNIS habitats: [R43 Temperate acidophilous alpine grassland](#),  
[S21 Subarctic and alpine dwarf Salix scrub](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Heathland, Oromediterranean scrub**

## **Distribution**

Continentality: **3**

Continentality amplitude: **3**