

# *Pimpinella alpina*

## Habitus and growth type

Plant height [m]: **0.26**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

Seed mass [mg]: **2.41**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **3.7**

Moisture indicator value: **4.5**

Reaction indicator value: **6**

Nutrient indicator value: **3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.67**

Disturbance frequency (herb layer): **1.05**

Disturbance severity: **0.37**

Disturbance severity (herb layer): **0.26**

Mowing frequency: **0.04**

Grazing pressure: **0.24**

Soil disturbance: **0.09**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [KE \(THL\) \*Thlaspietea rotundifolii\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S24 Subalpine genistoid scrub of the Amphi-Adriatic region](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree)**

## **Distribution**

Continentality: **4**

Continentality amplitude: **2**