

# *Pimpinella saxifraga*

## Habitus and growth type

Plant height [m]: **0.41**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **16.87**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **1.19**

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

Dispersal distance class: **2**

## 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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.3**

Temperature indicator value: **5.4**

Moisture indicator value: **3.7**

Reaction indicator value: **6.4**

Nutrient indicator value: **2.3**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **0.96**

Disturbance frequency (herb layer): **1.81**  
Disturbance severity: **0.52**  
Disturbance severity (herb layer): **0.45**  
Mowing frequency: **0.68**  
Grazing pressure: **0.24**  
Soil disturbance: **0.23**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [DA \(FES\) Festuco-Brometea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#), [R1S Heavy-metal grassland in Western and Central Europe](#)

Constant species of EUNIS habitats: [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#), [R1S Heavy-metal grassland in Western and Central Europe](#), [R22 Low and medium altitude hay meadow](#), [R51 Thermophilous forest fringe of base-rich soils](#), [S24 Subalpine genistoid scrub of the Amphi-Adriatic region](#), [S36 Low steppic scrub](#), [T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest](#)

### Broad habitat

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

## Distribution

Continentality amplitude: **6**