

# *Potentilla heptaphylla*

## Habitus and growth type

Plant height [m]: **0.15**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **15.87**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.48**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

## 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: **7.1**

Temperature indicator value: **5.7**

Moisture indicator value: **3.4**

Reaction indicator value: **8.4**

Nutrient indicator value: **2.6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.05**

Disturbance frequency (herb layer): **1.81**

Disturbance severity: **0.49**

Disturbance severity (herb layer): **0.44**

Mowing frequency: **0.65**

Grazing pressure: **0.28**

Soil disturbance: **0.16**

## **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [R17 Heavy-metal dry grassland of the Balkans](#)

Constant species of EUNIS habitats: [R17 Heavy-metal dry grassland of the Balkans](#)

Broad habitat

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

## **Distribution**

Continentality: **6**

Continentality amplitude: **2**