

# *Potentilla hirta*

## Habitus and growth type

Plant height [m]: **0.42**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.5**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **9**

Moisture indicator value: **3.9**

Reaction indicator value: **7**

Nutrient indicator value: **3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.55**

Disturbance frequency (herb layer): **1.64**

Disturbance severity: **0.57**

Disturbance severity (herb layer): **0.36**

Mowing frequency: **0.24**

Grazing pressure: **0.32**

Soil disturbance: **0.16**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CK \(SED\) \*Sedo-Scleranthetea\*](#), [CL \(GER\) \*Trifolio-Geranietea sanguinei\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R14 Perennial rocky grassland of the Italian Peninsula](#)

Constant species of EUNIS habitats: [R14 Perennial rocky grassland of the Italian Peninsula](#)

### Broad habitat

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