

# *Potentilla argentea*

## Habitus and growth type

Plant height [m]: **0.28**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **16.7**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.1**

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 reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.6**

Moisture indicator value: **2.7**

Reaction indicator value: **4.4**

Nutrient indicator value: **1.6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.3**

Disturbance frequency (herb layer): **1.9**

Disturbance severity: **0.54**

Disturbance severity (herb layer): **0.5**  
Mowing frequency: **0.72**  
Grazing pressure: **0.28**  
Soil disturbance: **0.28**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [BD \(PYR\) \*Pyrolo-Pinetea sylvestris\*](#), [CK \(SED\) \*Sedo-Scleranthetea\*](#), [FG \(SAC\) \*Stipo giganteae-Agrostietea castellanae\*](#), [QF \(ART\) \*Artemisietea vulgaris\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R12 Cryptogam- and annual-dominated vegetation on siliceous rock outcrops](#), [R1B Continental dry grassland \(true steppe\)](#), [R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils](#), [S34 Balkan-Anatolian submontane genistoid scrub](#)

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### Broad habitat

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

## Distribution

Continentality amplitude: **6**