

Potentilla argentea

Habitus and growth type

Plant height [m]: **0.28**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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**