Potentilla argentea

Habitus and growth type

Plant height [m]: **0.28**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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**

Constant 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**

Broad habitat

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

Distribution

Continentality amplitude: **6**

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