# *Potentilla tabernaemontani*

## Habitus and growth type

Plant height [m]: **0.11**
Life span: **Perennial**
Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [$mm^2$/mg]: **12.44**

## Flower

Flowering period: **March-September**

## Fruit, seed and dispersal

Seed mass [mg]: **0.55**
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: **Slightly acidic to near-neutral**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.4**
Temperature indicator value: **6.4**
Moisture indicator value: **3**
Reaction indicator value: **6.2**
Nutrient indicator value: **1.8**
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.11**

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Disturbance frequency (herb layer): **1.82**
Disturbance severity: **0.5**
Disturbance severity (herb layer): **0.44**
Mowing frequency: **0.55**
Grazing pressure: **0.33**
Soil disturbance: **0.21**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **CK (SED) *Sedo-Scleranthetea*, DA (FES) *Festuco-Brometea***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **R12 Cryptogam- and annual-dominated vegetation on siliceous rock outcrops, R13 Cryptogam- and annual-dominated vegetation on calcareous and ultramafic rock outcrops, R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe, R1A Semi-dry perennial calcareous grassland (meadow steppe), R32 Mediterranean short moist grassland of lowlands**
Constant species of EUNIS habitats: **R12 Cryptogam- and annual-dominated vegetation on siliceous rock outcrops, R13 Cryptogam- and annual-dominated vegetation on calcareous and ultramafic rock outcrops, R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe, R1A Semi-dry perennial calcareous grassland (meadow steppe), R32 Mediterranean short moist grassland of lowlands**

### Broad habitat

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

## Distribution

Continentality: **5**
Continentality amplitude: **3**

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