

# ***Potentilla tabernaemontani***

## **Habitus and growth type**

Plant height [m]: **0.11**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/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**

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](#)

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### Broad habitat

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

## Distribution

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