

# ***Potentilla sterilis***

## **Habitus and growth type**

Plant height [m]: **0.08**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **24.6**

## **Flower**

Flowering period: **February-May**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.57**

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: **Mesic**

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

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### **Ellenberg-type indicator values**

Light indicator value: **5.7**

Temperature indicator value: **5.7**

Moisture indicator value: **4.7**

Reaction indicator value: **6.2**

Nutrient indicator value: **5**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.11**

Disturbance frequency (herb layer): **1.36**

Disturbance severity: **0.66**

Disturbance severity (herb layer): **0.18**

Mowing frequency: **0.07**

Grazing pressure: **0.21**

Soil disturbance: **0.13**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) \*Carpino-Fagetetea sylvaticae\*](#),  
[CL \(GER\) \*Trifolio-Geranietea sanguinei\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S37 \*Corylus avellana scrub\*](#)

Constant species of EUNIS habitats: [S37 \*Corylus avellana scrub\*](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest**

## Distribution

Continentality: **2**

Continentality amplitude: **2**