

Potentilla sterilis

Habitus and growth type

Plant height [m]: **0.08**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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](#), [T1E *Carpinus* and *Quercus mesic deciduous* forest](#)

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**