Potentilla sterilis

Habitus and growth type

Plant height [m]: **0.08**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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-Fagetea 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**

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