

Potentilla alba

Habitus and growth type

Plant height [m]: **0.14**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **14.71**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **0.7**

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: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.3**

Temperature indicator value: **6.2**

Moisture indicator value: **4.5**

Reaction indicator value: **5.8**

Nutrient indicator value: **4.6**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.44**

Disturbance frequency (herb layer): **1.62**
Disturbance severity: **0.57**
Disturbance severity (herb layer): **0.35**
Mowing frequency: **0.41**
Grazing pressure: **0.22**
Soil disturbance: **0.17**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [**CB \(PUB\) Quercetea pubescentis**](#)

Broad habitat

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

Distribution

Continentality: **6**
Continentality amplitude: **3**