# *Potentilla alba*

## Habitus and growth type

Plant height [m]: **0.14**
Life span: **Perennial**
Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [$mm^2$/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**

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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**

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