

# *Potentilla erecta*

## Habitus and growth type

Plant height [m]: **0.21**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Spinescence: **not spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **24.3**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.41**

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: **Wet**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.5**

Temperature indicator value: **4.8**

Moisture indicator value: **6.8**

Reaction indicator value: **3.8**

Nutrient indicator value: **2.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.89**  
 Disturbance frequency (herb layer): **1.58**  
 Disturbance severity: **0.43**  
 Disturbance severity (herb layer): **0.35**  
 Mowing frequency: **0.45**  
 Grazing pressure: **0.24**  
 Soil disturbance: **0.17**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CI \(NAR\) \*Nardetea strictae\*](#), [IA \(ALN\) \*Alnetea glutinosae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q12 Blanket bog](#), [Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen](#), [Q42 Extremely rich moss-sedge fen](#), [Q43 Tall-sedge base-rich fen](#), [Q46 Carpathian travertine fen with halophytes](#), [R1M Lowland to montane, dry to mesic grassland usually dominated by \*Nardus stricta\*](#), [R23 Mountain hay meadow](#), [R37 Temperate and boreal moist or wet oligotrophic grassland](#)

Constant species of EUNIS habitats: [N18 Atlantic and Baltic coastal \*Empetrum\* heath](#), [N19 Atlantic coastal \*Calluna\* and \*Ulex\* heath](#), [N1H Atlantic and Baltic moist and wet dune slack](#), [Q11 Raised bog](#), [Q12 Blanket bog](#), [Q21 Oceanic valley mire](#), [Q22 Poor fen](#), [Q23 Relict mire of Mediterranean mountains](#), [Q24 Intermediate fen and soft-water spring mire](#), [Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen](#), [Q42 Extremely rich moss-sedge fen](#), [Q43 Tall-sedge base-rich fen](#), [Q45 Arctic-alpine rich fen](#), [Q46 Carpathian travertine fen with halophytes](#), [R1M Lowland to montane, dry to mesic grassland usually dominated by \*Nardus stricta\*](#), [R1T Azorean open, dry, acid to neutral grassland](#), [R22 Low and medium altitude hay meadow](#), [R23 Mountain hay meadow](#), [R33 Mediterranean short moist grassland of mountains](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [R37 Temperate and boreal moist or wet oligotrophic grassland](#), [R52 Forest fringe of acidic nutrient-poor soils](#), [R54 \*Pteridium aquilinum\* vegetation](#), [S22 Alpine and subalpine ericoid heath](#), [S31 Lowland to montane temperate and submediterranean \*Juniperus\* scrub](#), [S41 Wet heath](#), [S42 Dry heath](#), [S43 Macaronesian heath](#), [S92 \*Salix\* fen scrub](#), [T16 Broadleaved mire forest on acid peat](#), [T1C Temperate and boreal mountain \*Betula\* and \*Populus tremula\* forest on mineral soils](#), [T3F Dark taiga](#), [T3K \*Picea\* mire forest](#), [U25 Boreal and Arctic base-rich scree and block field](#)

### Broad habitat

Occurrence in broad habitats: **Spring, Wetland, Mire, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Heathland, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality amplitude: 5