Potentilla crantzii

Habitus and growth type

Plant height [m]: **0.14**
Life span: **Perennial**
Life form: **Hemicryptophyte**
Spinescence: **not spinescent**

Leaf

Specific leaf area [mm^2/mg]: **14.97**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.54**
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: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.4**
Temperature indicator value: **2.9**
Reaction indicator value: **7.7**
Nutrient indicator value: **1.8**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.25**

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Disturbance frequency (herb layer): **1.61**
Disturbance severity: **0.36**
Disturbance severity (herb layer): **0.33**
Mowing frequency: **0.13**
Grazing pressure: **0.29**
Soil disturbance: **0.12**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **AB (KOB) *Carici rupestris-Kobresietea bellardii***, **CU (SES) *Elyno-Seslerietea***, **DA (FES) *Festuco-Brometea***, **KF (LAM) *Lamio tomentosi-Chaerophylletea humilis***

EUNIS habitat

Diagnostic species of EUNIS habitats: **U21 Boreal and Arctic siliceous scree and block field**

Constant species of EUNIS habitats: **R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines**, **U21 Boreal and Arctic siliceous scree and block field**, **U25 Boreal and Arctic base-rich scree and block field**, **U3A Temperate ultramafic inland cliff**

Broad habitat

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

Distribution

Continentality: **6**
Continentality amplitude: **5**

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