Sanguisorba officinalis

Habitus and growth type

Plant height [m]: **0.7**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **22.03**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **3.01**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

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: **Alkaline**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.4**
Temperature indicator value: **4.7**
Moisture indicator value: **6.4**
Reaction indicator value: **6.3**
Nutrient indicator value: **4**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **1.55**

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Disturbance frequency (herb layer): **1.91**
Disturbance severity: **0.5**
Disturbance severity (herb layer): **0.49**
Mowing frequency: **1.15**
Grazing pressure: **0.18**
Soil disturbance: **0.22**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **BC (BRA) *Brachypodio pinnati-Betuletea pendulae*, CM (MOL) *Molinio-Arrhenatheretea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R35 Moist or wet mesotrophic to eutrophic hay meadow, R37 Temperate and boreal moist or wet oligotrophic grassland, T3H Larix light taiga**
Constant species of EUNIS habitats: **R35 Moist or wet mesotrophic to eutrophic hay meadow, R37 Temperate and boreal moist or wet oligotrophic grassland, T3H Larix light taiga**

Broad habitat

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

Distribution

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

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