

# *Sanguisorba officinalis*

## Habitus and growth type

Plant height [m]: **0.7**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**

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**