

# *Geranium palustre*

## Habitus and growth type

Plant height [m]: **0.51**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **20.44**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **4.21**

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: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.7**

Temperature indicator value: **5**

Moisture indicator value: **7.1**

Reaction indicator value: **7.3**

Nutrient indicator value: **7.2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.91**

Disturbance frequency (herb layer): **1.48**

Disturbance severity: **0.55**

Disturbance severity (herb layer): **0.49**

Mowing frequency: **0.7**

Grazing pressure: **0.17**

Soil disturbance: **0.15**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) Molinio-Arrhenatheretea](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Grassland (non-alpine, non-saline)**

## **Distribution**

Continentality: **5**

Continentality amplitude: **4**