

# *Geranium robertianum*

## Habitus and growth type

Plant height [m]: **0.29**

Life span: **Annual, Biennial or short-lived**

Life form: **Hemicryptophyte, Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **32.41**

## Flower

Flowering period: **April-October**

## Fruit, seed and dispersal

Seed mass [mg]: **1.6**

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: **Mesic**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Moisture indicator value: **5.5**

Reaction indicator value: **6.2**

Nutrient indicator value: **6.8**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.12**

Disturbance frequency (herb layer): **1.32**

Disturbance severity: **0.67**

Disturbance severity (herb layer): **0.22**

Mowing frequency: **0.05**

Grazing pressure: **0.18**

Soil disturbance: **0.12**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) \*Carpino-Fagetum sylvaticae\*](#),  
[QG \(EPI\) \*Epilobietum angustifolii\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T1F Ravine forest](#), [T1G \*Alnus cordata\* forest](#)

Constant species of EUNIS habitats: [N1D Atlantic and Baltic broad-leaved coastal dune forest](#), [R55 Lowland moist or wet tall-herb and fern fringe](#), [R57 Herbaceous forest clearing vegetation](#), [S37 \*Corylus avellana\* scrub](#), [S38 Temperate forest clearing scrub](#), [T12 \*Alnus glutinosa\*-\*Alnus incana\* forest on riparian and mineral soils](#), [T13 Temperate hardwood riparian forest](#), [T17 \*Fagus\* forest on non-acid soils](#), [T1E \*Carpinus\* and \*Quercus\* mesic deciduous forest](#), [T1F Ravine forest](#), [T1G \*Alnus cordata\* forest](#), [T1H Broadleaved deciduous plantation of non site-native trees](#), [T27 \*Ilex aquifolium\* forest](#), [T32 Temperate mountain \*Abies\* forest](#), [T33 Mediterranean mountain \*Abies\* forest](#)

### Broad habitat

Occurrence in broad habitats: **Spring, Grassland (non-alpine, non-saline), Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

## Distribution

Continentality amplitude: **6**