

# *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-Fagetea sylvaticae***, **QG (EPI) *Epilobietea angustifolii***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **S37 *Corylus avellana* scrub**, **T12 *Alnus glutinosa-Alnus incana* forest on riparian and mineral soils**, **T1F Ravine forest**, **T1G *Alnus cordata* forest**, **T32 Temperate mountain *Abies* 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**, **T3C *Taxus baccata* 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**