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^2/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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz