Geranium rotundifolium

Habitus and growth type

Plant height [m]: **0.24**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **39.31**

Flower

Flowering period: **January-October**

Fruit, seed and dispersal

Seed mass [mg]: **2.16**
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **1, 7**

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: **Dry**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.3**
Temperature indicator value: **6.9**
Moisture indicator value: **3.7**
Reaction indicator value: **6.8**
Nutrient indicator value: **5.4**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.85**

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

Disturbance frequency (herb layer): **1.74**
Disturbance severity: **0.74**
Disturbance severity (herb layer): **0.63**
Mowing frequency: **0.4**
Grazing pressure: **0.24**
Soil disturbance: **0.4**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QB (SIS) *Sisymbrietea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1L Madeiran oromediterranean siliceous dry grassland**
Constant species of EUNIS habitats: **R1L Madeiran oromediterranean siliceous dry grassland**

Broad habitat

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

Distribution

Continentality amplitude: **7**

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