Geranium purpureum

Habitus and growth type

Plant height [m]: **0.18**
Life span: **Annual**
Life form: **Therophyte**

Flower

Flowering period: **March-November**

Fruit, seed and dispersal

Seed mass [mg]: **1.9**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

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**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**
Moisture indicator value: **4.3**
Reaction indicator value: **6.7**
Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **0.25**
Disturbance frequency (herb layer): **1.43**
Disturbance severity: **0.71**
Disturbance severity (herb layer): **0.33**
Mowing frequency: **0.1**
Grazing pressure: **0.25**
Soil disturbance: **0.19**

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Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QC (CHE) *Chenopodietea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1L Madeiran oromediterranean siliceous dry grassland**, **T25 Phoenix theophrasti vegetation**

Constant species of EUNIS habitats: **R1L Madeiran oromediterranean siliceous dry grassland**, **T14 Mediterranean and Macaronesian riparian forest**, **T25 Phoenix theophrasti vegetation**

Broad habitat

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

Distribution

Continentality: **4**

Continentality amplitude: **4**

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