

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**

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](#), [T3D Mediterranean Cupressaceae forest](#)

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**