Scorpiurus muricatus

Habitus and growth type

Plant height [m]: **0.28**
Life span: **Annual**
Life form: **Therophyte**
Spinescence: **not spinescent**

Leaf

Specific leaf area [mm^2/mg]: **15.07**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **9.9**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **symbiosis with rhizobia**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate humidity relationship: **Dry**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **7.7**
Temperature indicator value: **8.7**
Moisture indicator value: **3**
Reaction indicator value: **7.3**
Salinity indicator value: **0.5**

Disturbance indicator values

Disturbance frequency: **1.04**

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Disturbance frequency (herb layer): **1.87**
Disturbance severity: **0.78**
Disturbance severity (herb layer): **0.66**
Mowing frequency: **0.37**
Grazing pressure: **0.3**
Soil disturbance: **0.33**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **FI (TUB) *Helianthemetea guttati*, QC (CHE) *Chenopodietea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1F Mediterranean annual-rich dry grassland, S63 Eastern garrigue, S72 Eastern Mediterranean spiny heath (phrygana)**
Constant species of EUNIS habitats: **R1F Mediterranean annual-rich dry grassland, S63 Eastern garrigue, S72 Eastern Mediterranean spiny heath (phrygana)**

Broad habitat

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

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