Galium murale

Habitus and growth type

Plant height [m]: **0.12**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **22.48**

Flower

Flowering period: **February-April**

Fruit, seed and dispersal

Seed mass [mg]: **0.14**
Dispersal mode: **Epizoochory**
Dispersal distance class: **6**

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

Ellenberg-type indicator values

Light indicator value: **7.8**
Temperature indicator value: **8**
Moisture indicator value: **2.3**
Reaction indicator value: **7.3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.74**
Disturbance frequency (herb layer): **1.78**
Disturbance severity: **0.74**

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Disturbance severity (herb layer): **0.55**
Mowing frequency: **0.22**
Grazing pressure: **0.34**
Soil disturbance: **0.32**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **FJ (TRA) *Stipo-Trachynietea distachyae*, QC (CHE) *Chenopodietea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1L Madeiran oromediterranean siliceous dry grassland, S63 Eastern garrigue, S72 Eastern Mediterranean spiny heath (phrygana)**

Constant species of EUNIS habitats: **R1D Mediterranean closely grazed dry grassland, R1L Madeiran oromediterranean siliceous dry grassland, S63 Eastern garrigue, S72 Eastern Mediterranean spiny heath (phrygana)**

Broad habitat

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

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