Sherardia arvensis

Habitus and growth type

Plant height [m]: **0.13**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **24.86**

Flower

Flowering period: **February-July**

Fruit, seed and dispersal

Seed mass [mg]: **1.94**
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: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.2**
Temperature indicator value: **6**
Moisture indicator value: **4.1**
Reaction indicator value: **6.8**
Nutrient indicator value: **4.9**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.08**

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Disturbance frequency (herb layer): **1.92**
Disturbance severity: **0.73**
Disturbance severity (herb layer): **0.66**
Mowing frequency: **0.41**
Grazing pressure: **0.28**
Soil disturbance: **0.47**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **FJ (TRA) *Stipo-Trachynietea distachyae*, QA (PAR) *Papaveretea rhoeadis***

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: **R1D Mediterranean closely grazed dry grassland, R1F Mediterranean annual-rich dry grassland, R1R Mediterranean to Atlantic open, dry, acid and neutral grassland, S34 Balkan-Anatolian submontane genistoid scrub, S63 Eastern garrigue, S72 Eastern Mediterranean spiny heath (phrygana), V13 Arable land with unmixed crops grown by low-intensity agricultural methods, V32 Mediterranean subnitrophilous annual grassland, V33 Dry Mediterranean land with unpalatable non-vernal herbaceous vegetation**

Broad habitat

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

Distribution

Continentality: **4**
Continentality amplitude: **4**

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