Spergula morisonii

Habitus and growth type

Plant height [m]: **0.14**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **11.44**

Fruit, seed and dispersal

Seed mass [mg]: **0.16**
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: **Dry**
Substrate reaction relationship: **Acidic**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.9**
Temperature indicator value: **5.8**
Moisture indicator value: **2.8**
Reaction indicator value: **2.5**
Nutrient indicator value: **1.8**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.29**
Disturbance frequency (herb layer): **1.99**
Disturbance severity: **0.43**
Disturbance severity (herb layer): **0.4**

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Mowing frequency: **0.12**
Grazing pressure: **0.24**
Soil disturbance: **0.39**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CJ (COR) *Koelerio-Corynephoretea canescentis*, FI (TUB) *Helianthemetea guttati***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1N Open Iberian supramediterranean dry acid and neutral grassland, R1Q Inland sanddrift and dune with siliceous grassland**
Constant species of EUNIS habitats: **R1N Open Iberian supramediterranean dry acid and neutral grassland, R1Q Inland sanddrift and dune with siliceous grassland**

Broad habitat

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

Distribution

Continentality: **5**
Continentality amplitude: **3**

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