

# *Spergula morisonii*

## Habitus and growth type

Plant height [m]: **0.14**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**

Mowing frequency: **0.12**

Grazing pressure: **0.24**

Soil disturbance: **0.39**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CJ \(COR\) \*Koelerio-Coryneporetea 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**