

# *Spergularia marina*

## Habitus and growth type

Plant height [m]: **0.12**

Life span: **Annual, Biennial or short-lived, Perennial**

Life form: **Hemicryptophyte, Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **15.92**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0.06**

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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

### Ellenberg-type indicator values

Light indicator value: **7.6**

Moisture indicator value: **6.8**

Reaction indicator value: **8.4**

Nutrient indicator value: **5.4**

Salinity indicator value: **7.5**

### Disturbance indicator values

Disturbance frequency: **2.02**

Disturbance frequency (herb layer): **2.04**

Disturbance severity: **0.51**

Disturbance severity (herb layer): **0.51**

Mowing frequency: **0.11**

Grazing pressure: **0.35**

Soil disturbance: **0.23**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [DC \(CRY\) \*Crypsietea aculeatae\*](#), [JA \(SAG\) \*Saginetea maritima\*](#), [MF \(JUN\) \*Juncetea maritimi\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [MA251 Mediterranean upper saltmarsh](#), [Q63 Periodically exposed saline shore with pioneer or ephemeral vegetation](#)

Constant species of EUNIS habitats: [MA232 Baltic coastal meadow](#), [MA251 Mediterranean upper saltmarsh](#), [Q63 Periodically exposed saline shore with pioneer or ephemeral vegetation](#), [R61 Mediterranean inland salt steppe](#), [R63 Temperate inland salt marsh](#)

### Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Coastal beach, dune or shingle, Wetland, Saline vegetation, Synanthropic**

## Distribution

Continentality: **9**

Continentality amplitude: **5**