

# *Mesembryanthemum crystallinum*

## Habitus and growth type

Plant height [m]: **0.11**

Life span: **Annual**

Life form: **Therophyte**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0.18**

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 reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8.7**

Temperature indicator value: **10**

Moisture indicator value: **2.3**

Reaction indicator value: **8**

Nutrient indicator value: **6.7**

Salinity indicator value: **3.7**

### Disturbance indicator values

Disturbance frequency: **1.49**

Disturbance frequency (herb layer): **1.49**

Disturbance severity: **0.74**

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

Mowing frequency: **0.45**

Grazing pressure: **0.15**

Soil disturbance: **0.58**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [FK \(PEG\) \*Pegano harmalae-Salsoletea vermiculatae\*](#), [JA \(SAG\) \*Saginetea maritima\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N1C Macaronesian coastal dune scrub](#), [N33 Macaronesian rocky sea cliff and shore](#)

### Broad habitat

Occurrence in broad habitats: **Coastal cliff, Saline vegetation, Scrub**