

# *Mesembryanthemum nodiflorum*

## Habitus and growth type

Plant height [m]: **0.09**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **4.78**

## Flower

Flowering period: **February-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0.22**

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**

Ellenberg-type indicator values

Light indicator value: **9**

Temperature indicator value: **10.3**

Moisture indicator value: **2.7**

Reaction indicator value: **7.3**

Nutrient indicator value: **6.3**

Salinity indicator value: **6.3**

Disturbance indicator values

Disturbance frequency: **0.9**

Disturbance frequency (herb layer): **0.92**

Disturbance severity: **0.5**

Disturbance severity (herb layer): **0.49**

Mowing frequency: **0.2**

Grazing pressure: **0.17**

Soil disturbance: **0.29**

## **Habitat and sociology**

### Syntaxon

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

### EUNIS habitat

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

Constant 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**