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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

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 maritimae***

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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz