

# *Crucianella maritima*

## Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Chamaephyte**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **2.13**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## 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: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **9**

Temperature indicator value: **9.8**

Moisture indicator value: **3.3**

Reaction indicator value: **7**

Nutrient indicator value: **3.3**

Salinity indicator value: **4**

### Disturbance indicator values

Disturbance frequency: **1.41**

Disturbance frequency (herb layer): **1.53**

Disturbance severity: **0.34**

Disturbance severity (herb layer): **0.32**

Mowing frequency: **0.01**

Grazing pressure: **0.16**

Soil disturbance: **0.49**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [JB \(CRI\) Crithmo-Staticetea](#), [JD \(AMM\) Ammophiletea arundinaceae](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N16 Mediterranean and Macaronesian coastal dune grassland \(grey dune\)](#)

Constant species of EUNIS habitats: [N16 Mediterranean and Macaronesian coastal dune grassland \(grey dune\)](#)

Dominant species of EUNIS habitats: [N16 Mediterranean and Macaronesian coastal dune grassland \(grey dune\)](#)

### Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Coastal cliff**