

# *Limoniastrum monopetalum*

## Habitus and growth type

Plant height [m]: **0.75**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **9.36**

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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Saline**

### Ellenberg-type indicator values

Light indicator value: **8.7**

Temperature indicator value: **10.3**

Moisture indicator value: **8**

Reaction indicator value: **8.7**

Nutrient indicator value: **6.7**

Salinity indicator value: **8.3**

### Disturbance indicator values

Disturbance frequency: **1.54**

Disturbance frequency (herb layer): **2.17**

Disturbance severity: **0.48**

Disturbance severity (herb layer): **0.45**

Mowing frequency: **0**  
Grazing pressure: **0.19**  
Soil disturbance: **0.26**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [MG \(SAL\) \*Salicornietea fruticosae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [MA253 Mediterranean mid-low saltmarsh](#)

### Broad habitat

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