

# *Lotus maritimus*

## Habitus and growth type

Plant height [m]: **0.29**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **18.51**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **4.08**

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

Dispersal distance class: **1**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **symbiosis with rhizobia**

## Taxon origin

Origin in Europe: **native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8.1**

Temperature indicator value: **6.3**

Reaction indicator value: **8.1**

Nutrient indicator value: **2.3**

Salinity indicator value: **1.7**

### Disturbance indicator values

Disturbance frequency: **1.86**

Disturbance frequency (herb layer): **2.06**

Disturbance severity: **0.45**

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

Mowing frequency: **1.07**

Grazing pressure: **0.3**

Soil disturbance: **0.13**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#),  
[JB \(CRI\) \*Crithmo-Staticetea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R31 Mediterranean tall humid inland grassland](#)

Constant species of EUNIS habitats: [R31 Mediterranean tall humid inland grassland](#)

### Broad habitat

Occurrence in broad habitats: **Coastal cliff, Wetland, Mire, Grassland (non-alpine, non-saline), Saline vegetation**

## **Distribution**

Continentality: **5**

Continentality amplitude: **3**