

# *Polygonum maritimum*

## Habitus and growth type

Plant height [m]: **0.34**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **3.35**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8.9**

Reaction indicator value: **6.5**

Nutrient indicator value: **5**

Salinity indicator value: **3.5**

### Disturbance indicator values

Disturbance frequency: **2.1**

Disturbance frequency (herb layer): **2.1**

Disturbance severity: **0.53**

Disturbance severity (herb layer): **0.53**

Mowing frequency: **0.04**

Grazing pressure: **0.11**

Soil disturbance: **0.77**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [JC \(CAK\) \*Cakiletea maritimae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N11 Atlantic, Baltic and Arctic sand beach](#), [N12 Mediterranean and Black Sea sand beach](#), [N14 Mediterranean, Macaronesian and Black Sea shifting coastal dune](#)

Constant species of EUNIS habitats: [N11 Atlantic, Baltic and Arctic sand beach](#), [N12 Mediterranean and Black Sea sand beach](#), [N14 Mediterranean, Macaronesian and Black Sea shifting coastal dune](#)

### Broad habitat

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