

# *Sonchus maritimus*

## Habitus and growth type

Plant height [m]: **0.75**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **21.41**

## Flower

Flowering period: **May-September**

## Fruit, seed and dispersal

Seed mass [mg]: **0.24**

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

## 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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Saline**

### Ellenberg-type indicator values

Light indicator value: **8.8**

Temperature indicator value: **7.8**

Moisture indicator value: **5.5**

Reaction indicator value: **8.5**

Nutrient indicator value: **6**

Salinity indicator value: **6**

### Disturbance indicator values

Disturbance frequency: **1.54**

Disturbance frequency (herb layer): **1.79**  
Disturbance severity: **0.36**  
Disturbance severity (herb layer): **0.35**  
Mowing frequency: **0.3**  
Grazing pressure: **0.24**  
Soil disturbance: **0.21**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [MF \(JUN\) \*Juncetea maritimi\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [MA252 Mediterranean upper-mid saltmarsh and saline and brackish reed, rush and sedge bed](#), [N1J Mediterranean and Black Sea moist and wet dune slack](#), [R31 Mediterranean tall humid inland grassland](#)

Constant species of EUNIS habitats: [N1J Mediterranean and Black Sea moist and wet dune slack](#), [R31 Mediterranean tall humid inland grassland](#)

### Broad habitat

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