

# *Atriplex prostrata*

## Habitus and growth type

Plant height [m]: **0.54**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **20.98**

## Flower

Flowering period: **June-October**

## Fruit, seed and dispersal

Seed mass [mg]: **2.47**

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: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8.2**

Moisture indicator value: **6.6**

Reaction indicator value: **7**

Nutrient indicator value: **7.2**

Salinity indicator value: **2.1**

### Disturbance indicator values

Disturbance frequency: **1.24**

Disturbance frequency (herb layer): **1.74**

Disturbance severity: **0.57**

Disturbance severity (herb layer): **0.54**

Mowing frequency: **0.16**

Grazing pressure: **0.28**

Soil disturbance: **0.33**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [DC \(CRY\) \*Crypsietea aculeatae\*](#), [JC \(CAK\) \*Cakiletea maritimae\*](#), [QI \(BID\) \*Bidentetea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [MA221 Atlantic saltmarsh driftline](#), [N11 Atlantic, Baltic and Arctic sand beach](#), [N21 Atlantic, Baltic and Arctic coastal shingle beach](#), [Q63 Periodically exposed saline shore with pioneer or ephemeral vegetation](#)

Constant species of EUNIS habitats: [MA221 Atlantic saltmarsh driftline](#), [MA223 Atlantic upper-mid saltmarsh and saline and brackish reed, rush and sedge bed](#), [MA224 Atlantic mid-low saltmarsh](#), [MA241 Black Sea littoral saltmarsh](#), [MA252 Mediterranean upper-mid saltmarsh and saline and brackish reed, rush and sedge bed](#), [N11 Atlantic, Baltic and Arctic sand beach](#), [N12 Mediterranean and Black Sea sand beach](#), [N21 Atlantic, Baltic and Arctic coastal shingle beach](#), [Q54 Inland saline or brackish helophyte bed](#), [Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation](#), [Q63 Periodically exposed saline shore with pioneer or ephemeral vegetation](#), [R63 Temperate inland salt marsh](#)

### Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh**, **Coastal beach**, **dune or shingle**, **Wetland**, **Saline vegetation**, **Sparsely vegetated (incl. rock and scree)**,  
**Synanthropic**

## Distribution

Continentality amplitude: 7