

# *Atriplex patula*

## Habitus and growth type

Plant height [m]: **0.72**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **17.38**

## Flower

Flowering period: **June-November**

## Fruit, seed and dispersal

Seed mass [mg]: **1.81**

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

Dispersal distance class: **2, 7**

## 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: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **6.9**

Temperature indicator value: **5.8**

Reaction indicator value: **7**

Salinity indicator value: **0.8**

### Disturbance indicator values

Disturbance frequency: **1.63**

Disturbance frequency (herb layer): **1.91**

Disturbance severity: **0.81**

Disturbance severity (herb layer): **0.8**

Mowing frequency: **0.66**

Grazing pressure: **0.16**

Soil disturbance: **0.68**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QB \(SIS\) Sisymbrietea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [V12 Mixed crops of market gardens and horticulture](#)

Constant species of EUNIS habitats: [V12 Mixed crops of market gardens and horticulture](#), [V37 Annual anthropogenic herbaceous vegetation](#)

### Broad habitat

Occurrence in broad habitats: **Wetland, Synanthropic**

## **Distribution**

Continentality amplitude: **6**