

# *Puccinellia distans*

## Habitus and growth type

Plant height [m]: **0.39**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **28.6**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.21**

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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

### Ellenberg-type indicator values

Light indicator value: **8.5**

Moisture indicator value: **6.6**

Reaction indicator value: **7.1**

Nutrient indicator value: **5.6**

Salinity indicator value: **6.7**

### Disturbance indicator values

Disturbance frequency: **2.07**

Disturbance frequency (herb layer): **2.17**

Disturbance severity: **0.52**

Disturbance severity (herb layer): **0.52**

Mowing frequency: **0.34**

Grazing pressure: **0.42**

Soil disturbance: **0.28**

## **Habitat and sociology**

### EUNIS habitat

Diagnostic species of EUNIS habitats: [MA241 Black Sea littoral saltmarsh](#), [R62 Continental inland salt steppe](#), [R63 Temperate inland salt marsh](#)

Constant species of EUNIS habitats: [MA241 Black Sea littoral saltmarsh](#), [N1E Black Sea broad-leaved coastal dune forest](#), [Q54 Inland saline or brackish helophyte bed](#), [R62 Continental inland salt steppe](#), [R63 Temperate inland salt marsh](#)

### Broad habitat

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