

# *Juncus gerardi*

## Habitus and growth type

Plant height [m]: **0.32**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **14.54**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.03**

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: **Mesotrophic**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **5.6**

Moisture indicator value: **7**

Reaction indicator value: **7.1**

Nutrient indicator value: **5**

Salinity indicator value: **5.6**

### Disturbance indicator values

Disturbance frequency: **2.19**

Disturbance frequency (herb layer): **2.22**

Disturbance severity: **0.48**

Disturbance severity (herb layer): **0.48**

Mowing frequency: **0.2**

Grazing pressure: **0.48**

Soil disturbance: **0.19**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [DB \(FEP\) Festuco-Puccinellietea](#), [MF \(JUN\) Juncetea maritimi](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [MA222 Atlantic upper saltmarsh](#), [MA223 Atlantic upper-mid saltmarsh and saline and brackish reed, rush and sedge bed](#), [MA232 Baltic coastal meadow](#), [MA241 Black Sea littoral saltmarsh](#), [R63 Temperate inland salt marsh](#)

Constant species of EUNIS habitats: [MA222 Atlantic upper saltmarsh](#), [MA223 Atlantic upper-mid saltmarsh and saline and brackish reed, rush and sedge bed](#), [MA232 Baltic coastal meadow](#), [MA241 Black Sea littoral saltmarsh](#), [R63 Temperate inland salt marsh](#)

Dominant species of EUNIS habitats: [MA222 Atlantic upper saltmarsh](#), [MA223 Atlantic upper-mid saltmarsh and saline and brackish reed, rush and sedge bed](#), [MA232 Baltic coastal meadow](#), [MA241 Black Sea littoral saltmarsh](#), [R63 Temperate inland salt marsh](#)

### Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Aquatic, Wetland, Saline vegetation, Scrub**

## Distribution

Continentality: **8**

Continentality amplitude: 7