

# *Juncus acutus*

## Habitus and growth type

Plant height [m]: **0.9**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **4.17**

## Flower

Flowering period: **March-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.09**

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: **Oligotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **8.8**

Moisture indicator value: **8**

Reaction indicator value: **7**

Salinity indicator value: **3.3**

### Disturbance indicator values

Disturbance frequency: **1.24**

Disturbance frequency (herb layer): **1.65**

Disturbance severity: **0.39**

Disturbance severity (herb layer): **0.35**

Mowing frequency: **0.11**

Grazing pressure: **0.23**

Soil disturbance: **0.18**

## 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](#)

Constant 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](#), [S93 Mediterranean riparian scrub](#)

### Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Coastal beach, dune or shingle, Wetland, Grassland (non-alpine, non-saline), Saline vegetation, Scrub, Sparsely vegetated (incl. rock and scree)**