Juncus acutus

Habitus and growth type

Plant height [m]: **0.9**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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**, **R31 Mediterranean tall humid inland grassland**

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**

Dominant species of EUNIS habitats: **MA252 Mediterranean upper-mid saltmarsh and saline and brackish reed, rush and sedge bed**

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)**

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