Juncus acutiflorus

Habitus and growth type

Plant height [m]: **0.58**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **13.04**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.04**
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: **Acidic**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.4**
Temperature indicator value: **5.2**
Moisture indicator value: **8.2**
Reaction indicator value: **3.8**
Nutrient indicator value: **2.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.56**

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Disturbance frequency (herb layer): **1.85**
Disturbance severity: **0.45**
Disturbance severity (herb layer): **0.43**
Mowing frequency: **0.83**
Grazing pressure: **0.28**
Soil disturbance: **0.17**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **R33 Mediterranean short moist grassland of mountains**, **R37 Temperate and boreal moist or wet oligotrophic grassland**
Constant species of EUNIS habitats: **R33 Mediterranean short moist grassland of mountains**, **R35 Moist or wet mesotrophic to eutrophic hay meadow**, **R37 Temperate and boreal moist or wet oligotrophic grassland**
Dominant species of EUNIS habitats: **R37 Temperate and boreal moist or wet oligotrophic grassland**

Broad habitat

Occurrence in broad habitats: **Aquatic, Spring, Grassland (non-alpine, non-saline)**

Distribution

Continentality amplitude: **5**

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