Juncus articulatus

Habitus and growth type

Plant height [m]: **0.36**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **19.47**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.02**
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: **Slightly acidic to near-neutral**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8**
Moisture indicator value: **8.6**
Reaction indicator value: **5.4**
Nutrient indicator value: **3**
Salinity indicator value: **0.9**

Disturbance indicator values

Disturbance frequency: **1.73**
Disturbance frequency (herb layer): **1.91**

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Disturbance severity: **0.44**
Disturbance severity (herb layer): **0.43**
Mowing frequency: **0.49**
Grazing pressure: **0.35**
Soil disturbance: **0.16**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **OC (ISO) *Isoëto-Nanojuncetea*, PA (SCH) *Scheuchzerio palustris-Caricetea fuscae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **N1H Atlantic and Baltic moist and wet dune slack, Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen, Q46 Carpathian travertine fen with halophytes, R36 Moist or wet mesotrophic to eutrophic pasture**
Constant species of EUNIS habitats: **MA222 Atlantic upper saltmarsh, MA232 Baltic coastal meadow, N1H Atlantic and Baltic moist and wet dune slack, P3f Oligotrophic-water vegetation, Q23 Relict mire of Mediterranean mountains, Q24 Intermediate fen and soft-water spring mire, Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen, Q42 Extremely rich moss-sedge fen, Q43 Tall-sedge base-rich fen, Q46 Carpathian travertine fen with halophytes, Q62 Periodically exposed shore with stable, mesotrophic sediments with pioneer or ephemeral vegetation, R31 Mediterranean tall humid inland grassland, R32 Mediterranean short moist grassland of lowlands, R35 Moist or wet mesotrophic to eutrophic hay meadow, R36 Moist or wet mesotrophic to eutrophic pasture, U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions**

Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Aquatic, Spring, Wetland, Mire, Grassland (non-alpine, non-saline), Saline vegetation, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality amplitude: **8**

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