

Juncus trifidus

Habitus and growth type

Plant height [m]: **0.18**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **15.4**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.13**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

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 reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.4**

Temperature indicator value: **1.9**

Moisture indicator value: **4.2**

Reaction indicator value: **2.8**

Nutrient indicator value: **1.8**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.2**

Disturbance frequency (herb layer): **1.34**

Disturbance severity: **0.29**

Disturbance severity (herb layer): **0.28**

Mowing frequency: **0.01**

Grazing pressure: **0.24**

Soil disturbance: **0.07**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CT \(TRI\) *Juncetea trifidi*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [R42 Boreal and Arctic acidophilous alpine grassland](#), [S12 Moss and lichen tundra](#), [U21 Boreal and Arctic siliceous scree and block field](#), [U52 Polar desert](#)

Constant species of EUNIS habitats: [R42 Boreal and Arctic acidophilous alpine grassland](#), [R43 Temperate acidophilous alpine grassland](#), [S11 Shrub tundra](#), [S12 Moss and lichen tundra](#), [S21 Subarctic and alpine dwarf Salix scrub](#), [S22 Alpine and subalpine ericoid heath](#), [U21 Boreal and Arctic siliceous scree and block field](#), [U32 Temperate high-mountain siliceous inland cliff](#), [U52 Polar desert](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline)**, **Alpine-subalpine and arctic grassland**, **Heathland**, **Oromediterranean scrub**, **Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality amplitude: **5**