Festuca quadriflora

Habitus and growth type

Plant height [m]: **0.13**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.77**
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 humidity relationship: **Mesic**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.3**
Temperature indicator value: **1.8**
Moisture indicator value: **4.8**
Reaction indicator value: **6**
Nutrient indicator value: **4**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.36**
Disturbance frequency (herb layer): **1.47**
Disturbance severity: **0.28**
Disturbance severity (herb layer): **0.28**

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Mowing frequency: **0.01**
Grazing pressure: **0.23**
Soil disturbance: **0.11**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **AB (KOB) *Carici rupestris-Kobresietea bellardii*, CU (SES) *Elyno-Seslerietea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R44 Arctic-alpine calcareous grassland, S21 Subarctic and alpine dwarf Salix scrub, U26 Temperate high-mountain base-rich scree and moraine**
Constant species of EUNIS habitats: **R44 Arctic-alpine calcareous grassland, S21 Subarctic and alpine dwarf Salix scrub, U26 Temperate high-mountain base-rich scree and moraine**

Broad habitat

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

Distribution

Continentality: **5**
Continentality amplitude: **1**

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