# *Carex firma*

## Habitus and growth type

Plant height [m]: **0.12**
Life span: **Perennial**
Life form: **Hemicryptophyte**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.89**
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: **Dry**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **9**
Temperature indicator value: **2**
Moisture indicator value: **3.8**
Reaction indicator value: **9**
Nutrient indicator value: **2**
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.91**
Disturbance frequency (herb layer): **1.08**
Disturbance severity: **0.29**
Disturbance severity (herb layer): **0.26**

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Mowing frequency: **0.01**
Grazing pressure: **0.22**
Soil disturbance: **0.08**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **CU (SES) *Elyno-Seslerietea***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **R44 Arctic-alpine calcareous grassland, U36 Temperate high-mountain base-rich inland cliff**
Constant species of EUNIS habitats: **R44 Arctic-alpine calcareous grassland, U36 Temperate high-mountain base-rich inland cliff**
Dominant species of EUNIS habitats: **R44 Arctic-alpine calcareous grassland**

### Broad habitat

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

## Distribution

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

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