

Carex sempervirens

Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **12.04**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **1.04**

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: **7.5**

Temperature indicator value: **2.8**

Moisture indicator value: **4.3**

Nutrient indicator value: **2.4**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.1**

Disturbance frequency (herb layer): **1.47**

Disturbance severity: **0.34**

Disturbance severity (herb layer): **0.31**

Mowing frequency: **0.08**

Grazing pressure: **0.26**

Soil disturbance: **0.1**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [R43 Temperate acidophilous alpine grassland](#), [R44 Arctic-alpine calcareous grassland](#), [S22 Alpine and subalpine ericoid heath](#), [S24 Subalpine genistoid scrub of the Amphi-Adriatic region](#)

Constant species of EUNIS habitats: [R23 Mountain hay meadow](#), [R43 Temperate acidophilous alpine grassland](#), [R44 Arctic-alpine calcareous grassland](#), [S21 Subarctic and alpine dwarf Salix scrub](#), [S22 Alpine and subalpine ericoid heath](#), [S24 Subalpine genistoid scrub of the Amphi-Adriatic region](#)

Dominant species of EUNIS habitats: [R44 Arctic-alpine calcareous grassland](#)

Broad habitat

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

Distribution

Continentality: **4**

Continentality amplitude: **2**