

Carex lachenalii

Habitus and growth type

Plant height [m]: **0.15**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Flower

Flowering period: **June-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.36**

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: **Wet**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.8**

Temperature indicator value: **1.9**

Moisture indicator value: **6.9**

Reaction indicator value: **3**

Nutrient indicator value: **2.3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.96**

Disturbance frequency (herb layer): **1.58**

Disturbance severity: **0.33**

Disturbance severity (herb layer): **0.25**

Mowing frequency: **0.11**

Grazing pressure: **0.16**

Soil disturbance: **0.16**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [LA \(HER\) *Salicetea herbaceae*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [R42 Boreal and Arctic acidophilous alpine grassland](#), [U21 Boreal and Arctic siliceous scree and block field](#)

Constant species of EUNIS habitats: [U21 Boreal and Arctic siliceous scree and block field](#)

Broad habitat

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