

# *Carex rupestris*

## Habitus and growth type

Plant height [m]: **0.1**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **9.21**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.69**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.8**

Temperature indicator value: **2.1**

Moisture indicator value: **4**

Reaction indicator value: **6.7**

Nutrient indicator value: **1.8**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.3**

Disturbance frequency (herb layer): **1.37**

Disturbance severity: **0.28**

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

Mowing frequency: **0.01**

Grazing pressure: **0.24**

Soil disturbance: **0.08**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [AB \(KOB\) Carici rupestris-Kobresietea bellardii](#)

### Broad habitat

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

## **Distribution**

Continentality: **7**

Continentality amplitude: **5**