Carex humilis

Habitus and growth type

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

Leaf

Specific leaf area [mm^2/mg]: **16.8**

Flower

Flowering period: **February-June**

Fruit, seed and dispersal

Seed mass [mg]: **1.63**
Dispersal mode: **Myrmecochory**
Dispersal distance class: **3**

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: **7.4**
Temperature indicator value: **5.6**
Moisture indicator value: **2.9**
Reaction indicator value: **8**
Nutrient indicator value: **2.6**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.54**

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Disturbance frequency (herb layer): **1.5**
Disturbance severity: **0.51**
Disturbance severity (herb layer): **0.32**
Mowing frequency: **0.23**
Grazing pressure: **0.3**
Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CO (ERI) *Erico-Pinetea***, **DA (FES) *Festuco-Brometea***, **FP (ONO) *Festuco hystricis-Ononidetea striatae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R16 Perennial rocky grassland of Central and South-Eastern Europe**, **R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe**, **R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region**, **R1H Iberian oromediterranean basiphilous dry grassland**, **S24 Subalpine genistoid scrub of the Amphi-Adriatic region**, **S73 Western Mediterranean mountain hedgehog-heath**, **T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest**

Constant species of EUNIS habitats: **R14 Perennial rocky grassland of the Italian Peninsula**, **R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**, **R16 Perennial rocky grassland of Central and South-Eastern Europe**, **R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe**, **R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region**, **R1A Semi-dry perennial calcareous grassland (meadow steppe)**, **R1B Continental dry grassland (true steppe)**, **R1H Iberian oromediterranean basiphilous dry grassland**, **R51 Thermophilous forest fringe of base-rich soils**, **S24 Subalpine genistoid scrub of the Amphi-Adriatic region**, **S52 Submediterranean pseudomaquis**, **S61 Western basiphilous garrigue**, **S73 Western Mediterranean mountain hedgehog-heath**, **S74 Central Mediterranean mountain hedgehog-heath**, **T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest**

Dominant species of EUNIS habitats: **R16 Perennial rocky grassland of Central and South-Eastern Europe**, **R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe**, **R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region**, **S73 Western Mediterranean mountain hedgehog-heath**, **T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Oromediterranean scrub, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **6**
Continentality amplitude: **6**

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