Carex caryophyllea

Habitus and growth type

Plant height [m]: **0.2**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **29.31**

Flower

Flowering period: **February-May**

Fruit, seed and dispersal

Seed mass [mg]: **1.15**
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**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.9**
Moisture indicator value: **4.2**
Nutrient indicator value: **2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.23**
Disturbance frequency (herb layer): **1.89**
Disturbance severity: **0.48**
Disturbance severity (herb layer): **0.45**

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Mowing frequency: **0.67**
Grazing pressure: **0.3**
Soil disturbance: **0.18**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **DA (FES) *Festuco-Brometea***, **FM (PIL) *Saginetea piliferae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1A Semi-dry perennial calcareous grassland (meadow steppe)**, **R1J Cyrno-Sardean oromediterranean siliceous dry grassland**

Constant species of EUNIS habitats: **R14 Perennial rocky grassland of the Italian Peninsula**, **R17 Heavy-metal dry grassland of the Balkans**, **R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region**, **R1A Semi-dry perennial calcareous grassland (meadow steppe)**, **R1J Cyrno-Sardean oromediterranean siliceous dry grassland**, **R33 Mediterranean short moist grassland of mountains**, **S34 Balkan-Anatolian submontane genistoid scrub**

Dominant species of EUNIS habitats: **R1J Cyrno-Sardean oromediterranean siliceous dry grassland**

Broad habitat

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

Distribution

Continentality amplitude: **6**

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