Carex halleriana

Habitus and growth type

Plant height [m]: **0.18**
Life span: **Perennial**
Life form: **Hemicryptophyte**
Spinescence: **not spinescent**

Leaf

Specific leaf area [mm^2/mg]: **15.86**

Flower

Flowering period: **February-May**

Fruit, seed and dispersal

Seed mass [mg]: **1.75**
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

Moisture indicator value: **2.8**
Reaction indicator value: **7.6**
Nutrient indicator value: **2.8**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.28**
Disturbance frequency (herb layer): **1.45**

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Disturbance severity: **0.62**
Disturbance severity (herb layer): **0.26**
Mowing frequency: **0.14**
Grazing pressure: **0.31**
Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CB (PUB) *Quercetea pubescentis*, DA (FES) *Festuco-Brometea*, FA (QUI) *Quercetea ilicis***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe, S52 Submediterranean pseudomaquis, S61 Western basiphilous garrigue, T1A Mediterranean thermophilous deciduous forest**
Constant species of EUNIS habitats: **R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe, S52 Submediterranean pseudomaquis, S61 Western basiphilous garrigue, T1A Mediterranean thermophilous deciduous forest, T21 Mediterranean evergreen Quercus forest, T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest, T3A Mediterranean lowland to submontane Pinus forest**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest**

Distribution

Continentality: **5**
Continentality amplitude: **3**

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