Carex hirta

Habitus and growth type

Plant height [m]: **0.42**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **18.9**

Flower

Flowering period: **March-June**

Fruit, seed and dispersal

Seed mass [mg]: **2.54**
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: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.1**
Temperature indicator value: **5.6**
Moisture indicator value: **6.4**
Reaction indicator value: **6.2**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **1.3**
Disturbance frequency (herb layer): **1.9**

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Disturbance severity: **0.52**
Disturbance severity (herb layer): **0.49**
Mowing frequency: **0.86**
Grazing pressure: **0.32**
Soil disturbance: **0.24**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R34 Submediterranean moist meadow**, **R36 Moist or wet mesotrophic to eutrophic pasture**
Constant species of EUNIS habitats: **R34 Submediterranean moist meadow**, **R35 Moist or wet mesotrophic to eutrophic hay meadow**, **R36 Moist or wet mesotrophic to eutrophic pasture**

Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Grassland (non-alpine, non-saline), Saline vegetation, Scrub, Synanthropic**

Distribution

Continentality amplitude: **5**

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