

Carex hartmaniorum

Habitus and growth type

Plant height [m]: **0.53**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm²/mg]: **18.63**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **1.06**

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: **Wet**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.3**

Temperature indicator value: **4.8**

Moisture indicator value: **7.9**

Reaction indicator value: **5**

Nutrient indicator value: **3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.69**

Disturbance frequency (herb layer): **1.93**

Disturbance severity: **0.48**

Disturbance severity (herb layer): **0.47**

Mowing frequency: **1.14**

Grazing pressure: **0.22**

Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) *Molinio-Arrhenatheretea*](#),
[PA \(SCH\) *Scheuchzerio palustris-Caricetea fuscae*](#)

Broad habitat

Occurrence in broad habitats: **Aquatic, Spring, Mire, Grassland (non-alpine, non-saline)**

Distribution

Continentality: **7**

Continentality amplitude: **4**