

Carex muricata

Habitus and growth type

Plant height [m]: **0.41**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **17.07**

Flower

Flowering period: **March-July**

Fruit, seed and dispersal

Seed mass [mg]: **1.9**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

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

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.8**

Temperature indicator value: **5.3**

Reaction indicator value: **5.4**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.23**

Disturbance frequency (herb layer): **1.44**

Disturbance severity: **0.63**

Disturbance severity (herb layer): **0.26**

Mowing frequency: **0.17**

Grazing pressure: **0.2**

Soil disturbance: **0.17**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) *Carpino-Fagetetea sylvaticae*](#),
[CL \(GER\) *Trifolio-Geranietea sanguinei*](#), [QG \(EPI\) *Epilobietea angustifolii*](#)

Broad habitat

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