

Carex alba

Habitus and growth type

Plant height [m]: **0.17**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm²/mg]: **23.94**

Flower

Flowering period: **March-June**

Fruit, seed and dispersal

Seed mass [mg]: **2.35**

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

Dispersal distance class: **1**

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

Light indicator value: **5.4**

Temperature indicator value: **4.8**

Moisture indicator value: **4.5**

Reaction indicator value: **8**

Nutrient indicator value: **2.6**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.05**

Disturbance frequency (herb layer): **1.18**
Disturbance severity: **0.67**
Disturbance severity (herb layer): **0.13**
Mowing frequency: **0.02**
Grazing pressure: **0.2**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) *Carpino-Fagetea sylvaticae*](#),
[CO \(ERI\) *Erico-Pinetea*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [T36 Temperate and submediterranean montane *Pinus sylvestris*-*Pinus nigra* forest](#)

Constant species of EUNIS habitats: [T36 Temperate and submediterranean montane *Pinus sylvestris*-*Pinus nigra* forest](#)

Broad habitat

Occurrence in broad habitats: **Scrub, Forest**

Distribution

Continentality: 7
Continentality amplitude: 5