

Carex nigra

Habitus and growth type

Plant height [m]: **0.26**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm²/mg]: **19.96**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.63**

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 humidity relationship: **Wet**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Nutrient indicator value: **2.1**

Salinity indicator value: **0.6**

Disturbance indicator values

Disturbance frequency: **1.12**

Disturbance frequency (herb layer): **1.63**

Disturbance severity: **0.41**

Disturbance severity (herb layer): **0.35**

Mowing frequency: **0.48**

Grazing pressure: **0.24**

Soil disturbance: **0.18**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [IA \(ALN\) *Alnetea glutinosae*](#), [PA \(SCH\) *Scheuchzerio palustris-Caricetea fuscae*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [N1H Atlantic and Baltic moist and wet dune slack](#), [Q22 Poor fen](#), [Q23 Relict mire of Mediterranean mountains](#), [Q24 Intermediate fen and soft-water spring mire](#), [Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen](#), [Q42 Extremely rich moss-sedge fen](#), [Q45 Arctic-alpine rich fen](#), [Q46 Carpathian travertine fen with halophytes](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#)

Constant species of EUNIS habitats: [MA232 Baltic coastal meadow](#), [N1F Baltic coniferous coastal dune forest](#), [N1H Atlantic and Baltic moist and wet dune slack](#), [Q11 Raised bog](#), [Q22 Poor fen](#), [Q23 Relict mire of Mediterranean mountains](#), [Q24 Intermediate fen and soft-water spring mire](#), [Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen](#), [Q42 Extremely rich moss-sedge fen](#), [Q43 Tall-sedge base-rich fen](#), [Q45 Arctic-alpine rich fen](#), [Q46 Carpathian travertine fen with halophytes](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [R37 Temperate and boreal moist or wet oligotrophic grassland](#), [T16 Broadleaved mire forest on acid peat](#), [T3K Picea mire forest](#)

Dominant species of EUNIS habitats: [N1H Atlantic and Baltic moist and wet dune slack](#), [Q22 Poor fen](#), [Q23 Relict mire of Mediterranean mountains](#), [Q24 Intermediate fen and soft-water spring mire](#), [Q42 Extremely rich moss-sedge fen](#)

Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Aquatic, Spring, Wetland, Mire, Grassland (non-alpine, non-saline), Heathland, Forest**

Distribution

Continentality amplitude: **5**