

# Carex arenaria

## Habitus and growth type

Plant height [m]: **0.38**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **12.65**

## Fruit, seed and dispersal

Seed mass [mg]: **0.9**

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 humidity relationship: **Dry**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **7.7**

Temperature indicator value: **6**

Moisture indicator value: **3**

Reaction indicator value: **3.5**

Nutrient indicator value: **2**

Salinity indicator value: **1**

### Disturbance indicator values

Disturbance frequency: **0.99**

Disturbance frequency (herb layer): **1.65**

Disturbance severity: **0.45**

Disturbance severity (herb layer): **0.38**

Mowing frequency: **0.21**  
Grazing pressure: **0.3**  
Soil disturbance: **0.37**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CJ \(COR\) \*Koelerio-Corynephoretea canescentis\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N15 Atlantic and Baltic coastal dune grassland \(grey dune\)](#), [N18 Atlantic and Baltic coastal Empetrum heath](#), [N19 Atlantic coastal Calluna and Ulex heath](#), [N1A Atlantic and Baltic coastal dune scrub](#), [N1D Atlantic and Baltic broad-leaved coastal dune forest](#), [N1F Baltic coniferous coastal dune forest](#), [R1Q Inland sanddrift and dune with siliceous grassland](#)

Constant species of EUNIS habitats: [N13 Atlantic and Baltic shifting coastal dune](#), [N15 Atlantic and Baltic coastal dune grassland \(grey dune\)](#), [N18 Atlantic and Baltic coastal Empetrum heath](#), [N19 Atlantic coastal Calluna and Ulex heath](#), [N1A Atlantic and Baltic coastal dune scrub](#), [N1D Atlantic and Baltic broad-leaved coastal dune forest](#), [N1F Baltic coniferous coastal dune forest](#), [N1H Atlantic and Baltic moist and wet dune slack](#), [R1Q Inland sanddrift and dune with siliceous grassland](#)

Dominant species of EUNIS habitats: [N15 Atlantic and Baltic coastal dune grassland \(grey dune\)](#)

### Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Wetland, Grassland (non-alpine, non-saline), Heathland, Scrub, Forest**

## Distribution

Continentality: **3**

Continentality amplitude: **3**