Carex arenaria

Habitus and growth type

Plant height [m]: **0.38**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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**

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