Ammophila arenaria

Habitus and growth type

Plant height [m]: **0.85**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **6.56**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **3.19**
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: **Alkaline**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8.8**
Moisture indicator value: **4.2**
Reaction indicator value: **7.2**
Nutrient indicator value: **4.8**
Salinity indicator value: **2.6**

Disturbance indicator values

Disturbance frequency: **1.72**
Disturbance frequency (herb layer): **1.9**

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Disturbance severity: **0.43**
Disturbance severity (herb layer): **0.42**
Mowing frequency: **0.18**
Grazing pressure: **0.24**
Soil disturbance: **0.55**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **N13 Atlantic and Baltic shifting coastal dune**, **N14 Mediterranean, Macaronesian and Black Sea shifting coastal dune**, **N15 Atlantic and Baltic coastal dune grassland (grey dune)**, **N18 Atlantic and Baltic coastal Empetrum heath**, **N1A Atlantic and Baltic coastal dune scrub**
Constant species of EUNIS habitats: **N11 Atlantic, Baltic and Arctic sand beach**, **N13 Atlantic and Baltic shifting coastal dune**, **N14 Mediterranean, Macaronesian and Black Sea shifting coastal dune**, **N15 Atlantic and Baltic coastal dune grassland (grey dune)**, **N16 Mediterranean and Macaronesian 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**
Dominant species of EUNIS habitats: **N13 Atlantic and Baltic shifting coastal dune**, **N14 Mediterranean, Macaronesian and Black Sea shifting coastal dune**

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Heathland, Scrub**

Distribution

Continentality: **4**
Continentality amplitude: **4**

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