

Ammophila arenaria

Habitus and growth type

Plant height [m]: **0.85**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm²/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**

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](#)

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](#), [N22 Mediterranean and Black Sea coastal shingle beach](#)

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**