

Eryngium maritimum

Habitus and growth type

Plant height [m]: **0.33**
Life span: **Perennial**
Life form: **Hemicryptophyte**
Spinescence: **spinescent**

Leaf

Specific leaf area [mm²/mg]: **10.64**

Flower

Flowering period: **May-September**

Fruit, seed and dispersal

Seed mass [mg]: **22.01**
Dispersal mode: **Anemochory**
Dispersal distance class: **4**

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: **4.3**
Reaction indicator value: **7**
Salinity indicator value: **3.4**
Disturbance indicator values
Disturbance frequency: **1.91**
Disturbance frequency (herb layer): **2.04**

Disturbance severity: **0.44**

Disturbance severity (herb layer): **0.43**

Mowing frequency: **0.03**

Grazing pressure: **0.13**

Soil disturbance: **0.71**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [JD \(AMM\) *Ammophiletea arundinaceae*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [N12 Mediterranean and Black Sea sand beach](#), [N13 Atlantic and Baltic shifting coastal dune](#), [N14 Mediterranean, Macaronesian and Black Sea shifting coastal dune](#), [N16 Mediterranean and Macaronesian coastal dune grassland \(grey dune\)](#), [N17 Black Sea coastal dune grassland \(grey dune\)](#), [N22 Mediterranean and Black Sea coastal shingle beach](#)

Constant species of EUNIS habitats: [N12 Mediterranean and Black Sea sand beach](#), [N13 Atlantic and Baltic shifting coastal dune](#), [N14 Mediterranean, Macaronesian and Black Sea shifting coastal dune](#), [N16 Mediterranean and Macaronesian coastal dune grassland \(grey dune\)](#), [N17 Black Sea coastal dune grassland \(grey dune\)](#), [N21 Atlantic, Baltic and Arctic coastal shingle beach](#), [N22 Mediterranean and Black Sea coastal shingle beach](#)

Broad habitat

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

Distribution

Continentality amplitude: **5**