Eryngium maritimum

Habitus and growth type

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

Leaf

Specific leaf area [mm^2/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**

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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**

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