

# *Eryngium planum*

## Habitus and growth type

Plant height [m]: **0.4**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Fruit, seed and dispersal

Seed mass [mg]: **1.1**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **7.3**

Temperature indicator value: **6.1**

Moisture indicator value: **5.8**

Reaction indicator value: **7.5**

Nutrient indicator value: **4**

Salinity indicator value: **1**

### Disturbance indicator values

Disturbance frequency: **1.15**

Disturbance frequency (herb layer): **1.77**

Disturbance severity: **0.59**

Disturbance severity (herb layer): **0.55**

Mowing frequency: **0.73**

Grazing pressure: **0.22**

Soil disturbance: **0.21**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [DA \(FES\) Festuco-Brometea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R65 Continental subsaline alluvial pasture and meadow](#)

Constant species of EUNIS habitats: [R65 Continental subsaline alluvial pasture and meadow](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Saline vegetation**

## Distribution

Continentality: **8**

Continentality amplitude: **4**