

# *Eryngium campestre*

## Habitus and growth type

Plant height [m]: **0.38**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Spinescence: **spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **7.75**

## Flower

Flowering period: **June-September**

## Fruit, seed and dispersal

Seed mass [mg]: **1.57**

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: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.7**

Moisture indicator value: **3**

Reaction indicator value: **7.5**

Nutrient indicator value: **3.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.09**

Disturbance frequency (herb layer): **1.86**

Disturbance severity: **0.55**

Disturbance severity (herb layer): **0.49**

Mowing frequency: **0.58**

Grazing pressure: **0.33**

Soil disturbance: **0.23**

## Habitat and sociology

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1B Continental dry grassland \(true steppe\)](#), [S34 Balkan-Anatolian submontane genistoid scrub](#)

Constant species of EUNIS habitats: [R11 Pannonian and Pontic sandy steppe](#), [R12 Cryptogam- and annual-dominated vegetation on siliceous rock outcrops](#), [R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops](#), [R17 Heavy-metal dry grassland of the Balkans](#), [R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe](#), [R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region](#), [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#), [R1B Continental dry grassland \(true steppe\)](#), [R1D Mediterranean closely grazed dry grassland](#), [R1E Mediterranean tall perennial dry grassland](#), [R1H Iberian oromediterranean basiphilous dry grassland](#), [R24 Iberian summer pasture \(vallicar\)](#), [S34 Balkan-Anatolian submontane genistoid scrub](#), [S36 Low steppic scrub](#), [S53 Spartium junceum scrub](#), [S61 Western basiphilous garrigue](#), [S66 Mediterranean halo-nitrophilous scrub](#), [S72 Eastern Mediterranean spiny heath \(phrygana\)](#), [V32 Mediterranean subnitrophilous annual grassland](#), [V33 Dry Mediterranean land with unpalatable non-vernal herbaceous vegetation](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Synanthropic**

## Distribution

Continentality amplitude: 7