Eryngium campestre

Habitus and growth type

Plant height [m]: **0.38**
Life span: **Perennial**
Life form: **Hemicryptophyte**
Spinescence: **spinescent**

Leaf

Specific leaf area [mm^2/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**

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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: **R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe**, **R1B Continental dry grassland (true steppe)**, **S34 Balkan-Anatolian submontane genistoid scrub**
Constant species of EUNIS habitats: **N17 Black Sea coastal dune grassland (grey dune)**, **R11 Pannonian and Pontic sandy steppe**, **R12 Cryptogam- and annual-dominated vegetation on siliceous rock outcrops**, **R17 Heavy-metal dry grassland of the Balkans**, **R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe**, **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**, **S62 Western acidophilous garrigue**, **S66 Mediterranean halo-nitrophilous scrub**, **S72 Eastern Mediterranean spiny heath (phrygana)**, **S73 Western Mediterranean mountain hedgehog-heath**, **T3D Mediterranean Cupressaceae forest**, **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**

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