Echium vulgare

Habitus and growth type

Plant height [m]: **0.61**
Life span: **Biennial or short-lived, Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **12.59**

Flower

Flowering period: **March-September**

Fruit, seed and dispersal

Seed mass [mg]: **2.76**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

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: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.5**
Moisture indicator value: **3.5**
Reaction indicator value: **6.3**
Nutrient indicator value: **4.1**
Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **1.44**
Disturbance frequency (herb layer): **1.81**

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Disturbance severity: **0.58**
Disturbance severity (herb layer): **0.55**
Mowing frequency: **0.58**
Grazing pressure: **0.26**
Soil disturbance: **0.28**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **U72 Unvegetated or sparsely vegetated gravel bar in the Mediterranean region**, **V38 Dry perennial anthropogenic herbaceous vegetation**
Constant species of EUNIS habitats: **R12 Cryptogam- and annual-dominated vegetation on siliceous rock outcrops**, **R13 Cryptogam- and annual-dominated vegetation on calcareous and ultramafic rock outcrops**, **R16 Perennial rocky grassland of Central and South-Eastern Europe**, **R1B Continental dry grassland (true steppe)**, **U72 Unvegetated or sparsely vegetated gravel bar in the Mediterranean region**, **V38 Dry perennial anthropogenic herbaceous vegetation**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality amplitude: **6**

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