Heliotropium europaeum

Habitus and growth type

Plant height [m]: **0.2**
Life span: **Annual**
Life form: **Therophyte**

Flower

Flowering period: **May-November**

Fruit, seed and dispersal

Seed mass [mg]: **1.1**
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **1, 7**

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: **Eutrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **8.3**
Moisture indicator value: **3.4**
Reaction indicator value: **7.7**
Nutrient indicator value: **6.4**
Salinity indicator value: **0.8**

Disturbance indicator values

Disturbance frequency: **1.28**
Disturbance frequency (herb layer): **1.85**
Disturbance severity: **0.8**
Disturbance severity (herb layer): **0.78**

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Mowing frequency: **0.72**
Grazing pressure: **0.16**
Soil disturbance: **0.61**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QD (DIG) *Digitario sanguinalis-Eragrostietea minoris***

EUNIS habitat

Diagnostic species of EUNIS habitats: **V34 Trampled xeric grassland with annuals**

Broad habitat

Occurrence in broad habitats: **Synanthropic**

Distribution

Continentality: **6**
Continentality amplitude: **5**

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