Echinops sphaerocephalus

Habitus and growth type

Plant height [m]: **1.21**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Flower

Flowering period: **June-August**

Fruit, seed and dispersal

Seed mass [mg]: **21.3**
Dispersal mode: **Epizoochory**
Dispersal distance class: **6**

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: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.7**
Temperature indicator value: **6.5**
Moisture indicator value: **3.8**
Reaction indicator value: **7.2**
Nutrient indicator value: **6.4**
Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **0.89**
Disturbance frequency (herb layer): **1.65**
Disturbance severity: **0.66**
Disturbance severity (herb layer): **0.58**

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Mowing frequency: **0.59**
Grazing pressure: **0.19**
Soil disturbance: **0.23**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QF (ART) *Artemisietea vulgaris***

Broad habitat

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

Distribution

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

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