Emex spinosa

Habitus and growth type

Plant height [m]: **0.4**
Life span: **Annual**
Life form: **Therophyte**

Flower

Flowering period: **January-May, November-December**

Fruit, seed and dispersal

Seed mass [mg]: **8.6**
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: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.3**
Temperature indicator value: **10.3**
Moisture indicator value: **3**
Reaction indicator value: **5.7**
Nutrient indicator value: **7**
Salinity indicator value: **0.7**

Disturbance indicator values

Disturbance frequency: **1.62**
Disturbance frequency (herb layer): **2.19**
Disturbance severity: **0.84**
Disturbance severity (herb layer): **0.82**

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Mowing frequency: **0.82**
Grazing pressure: **0.19**
Soil disturbance: **0.61**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QC (CHE) *Chenopodietea***

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Sparsely vegetated (incl. rock and scree), Synanthropic**

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