Scolymus grandiflorus

Habitus and growth type

Plant height [m]: **0.46**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Flower

Flowering period: **April-September**

Fruit, seed and dispersal

Dispersal mode: **Anemochory**
Dispersal distance class: **5**

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: **8.5**
Temperature indicator value: **9**
Moisture indicator value: **2.5**
Reaction indicator value: **6**
Nutrient indicator value: **6**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.97**
Disturbance frequency (herb layer): **1.68**
Disturbance severity: **0.78**
Disturbance severity (herb layer): **0.71**
Mowing frequency: **0.46**

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Grazing pressure: **0.28**
Soil disturbance: **0.3**

Habitat and sociology

Syntaxon

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

EUNIS habitat

Diagnostic species of EUNIS habitats: **V33 Dry Mediterranean land with unpalatable non-vernal herbaceous vegetation**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Synanthropic**

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