

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**

Grazing pressure: **0.28**

Soil disturbance: **0.3**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [**QF \(ART\) Artemisietea vulgaris**](#)

Broad habitat

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