

Scolymus hispanicus

Habitus and growth type

Plant height [m]: **0.65**

Life span: **Biennial or short-lived, Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **14.04**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **3.95**

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: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.7**

Temperature indicator value: **8**

Moisture indicator value: **3**

Reaction indicator value: **7.3**

Nutrient indicator value: **7**

Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **1.14**

Disturbance frequency (herb layer): **1.71**

Disturbance severity: **0.68**

Disturbance severity (herb layer): **0.64**

Mowing frequency: **0.39**

Grazing pressure: **0.22**

Soil disturbance: **0.38**

Habitat and sociology

Syntaxon

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

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Grassland (non-alpine, non-saline), Synanthropic**