

# *Helichrysum stoechas*

## Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Chamaephyte**

Spinescence: **not spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **10.15**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.06**

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**

Nutrient relationship: **Dystrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8.7**

Temperature indicator value: **9**

Moisture indicator value: **2.8**

Nutrient indicator value: **1.5**

Salinity indicator value: **0.5**

### Disturbance indicator values

Disturbance frequency: **0.47**

Disturbance frequency (herb layer): **1.45**

Disturbance severity: **0.59**

Disturbance severity (herb layer): **0.29**

Mowing frequency: **0.1**

Grazing pressure: **0.29**

Soil disturbance: **0.21**

## **Habitat and sociology**

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S61 Western basiphilous garrigue](#), [S62 Western acidophilous garrigue](#), [S65 Mediterranean gypsum scrub](#)

Constant species of EUNIS habitats: [N15 Atlantic and Baltic coastal dune grassland \(grey dune\)](#), [N16 Mediterranean and Macaronesian coastal dune grassland \(grey dune\)](#), [N1B Mediterranean and Black Sea coastal dune scrub](#), [R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe](#), [S61 Western basiphilous garrigue](#), [S62 Western acidophilous garrigue](#), [S63 Eastern garrigue](#), [S65 Mediterranean gypsum scrub](#), [T3A Mediterranean lowland to submontane Pinus forest](#)

Dominant species of EUNIS habitats: [N15 Atlantic and Baltic coastal dune grassland \(grey dune\)](#)

### Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Coastal cliff, Grassland (non-alpine, non-saline), Scrub, Forest, Sparsely vegetated (incl. rock and scree)**