

# *Genista hispanica*

## Habitus and growth type

Plant height [m]: **0.56**

Life span: **Perennial**

Life form: **Chamaephyte, Dwarf shrub**

Spinescence: **spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **17.5**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **3.59**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **symbiosis with rhizobia**

## Taxon origin

Origin in Europe: **Native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **7**

Moisture indicator value: **3**

Reaction indicator value: **7**

Nutrient indicator value: **2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.27**  
Disturbance frequency (herb layer): **1.41**  
Disturbance severity: **0.62**  
Disturbance severity (herb layer): **0.23**  
Mowing frequency: **0.11**  
Grazing pressure: **0.29**  
Soil disturbance: **0.13**

## **Habitat and sociology**

EUNIS habitat

Constant species of EUNIS habitats: [S52 Submediterranean pseudomaquis](#), [S61 Western basiphilous garrigue](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree)**