

# *Hedysarum spinosissimum*

## Habitus and growth type

Plant height [m]: **0.18**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **5.7**

## Flower

Flowering period: **February-May**

## Fruit, seed and dispersal

Seed mass [mg]: **13.6**

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

Dispersal distance class: **1**

## 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**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **9.8**

Moisture indicator value: **2.3**

Salinity indicator value: **1**

Disturbance indicator values

Disturbance frequency: **0.87**

Disturbance frequency (herb layer): **1.47**

Disturbance severity: **0.75**

Disturbance severity (herb layer): **0.59**

Mowing frequency: **0.18**

Grazing pressure: **0.32**

Soil disturbance: **0.29**

## **Habitat and sociology**

Broad habitat

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