Hedysarum spinosissimum

Habitus and growth type

Plant height [m]: **0.18**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz