

# *Ononis spinosa*

## Habitus and growth type

Plant height [m]: **0.42**

Life span: **Perennial**

Life form: **Chamaephyte, Hemicryptophyte**

Spinescence: **spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **20.93**

## Flower

Flowering period: **April-September**

## Fruit, seed and dispersal

Seed mass [mg]: **5.27**

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: **8.1**

Reaction indicator value: **6.9**

Salinity indicator value: **0.4**

### Disturbance indicator values

Disturbance frequency: **1.08**

Disturbance frequency (herb layer): **1.84**

Disturbance severity: **0.52**

Disturbance severity (herb layer): **0.46**

Mowing frequency: **0.7**

Grazing pressure: **0.27**

Soil disturbance: **0.22**

## **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#)

Constant species of EUNIS habitats: [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#), [R24 Iberian summer pasture \(vallicar\)](#), [R34 Submediterranean moist meadow](#)

Broad habitat

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