

# *Dorycnium hirsutum*

## Habitus and growth type

Plant height [m]: **0.38**

Life span: **Perennial**

Life form: **Chamaephyte, Hemicryptophyte**

Spinescence: **not spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **12.91**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **4.6**

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: **7.3**

Temperature indicator value: **9**

Moisture indicator value: **2.3**

Reaction indicator value: **7.3**

Nutrient indicator value: **3.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.32**  
Disturbance frequency (herb layer): **1.31**  
Disturbance severity: **0.63**  
Disturbance severity (herb layer): **0.29**  
Mowing frequency: **0.09**  
Grazing pressure: **0.25**  
Soil disturbance: **0.12**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [FB \(ROS\) \*Ononido-Rosmarinetea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N1B Mediterranean and Black Sea coastal dune scrub](#), [S53 \*Spartium junceum\* scrub](#)

Constant species of EUNIS habitats: [N1B Mediterranean and Black Sea coastal dune scrub](#), [S53 \*Spartium junceum\* scrub](#)

### Broad habitat

Occurrence in broad habitats: **Scrub**