

# *Medicago orbicularis*

## Habitus and growth type

Plant height [m]: **0.09**

Life span: **Annual**

Life form: **Therophyte**

Spinescence: **not spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **26.14**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **3.8**

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

Dispersal distance class: **2, 7**

## 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 reaction relationship: **Alkaline**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.6**

Temperature indicator value: **8.2**

Moisture indicator value: **3.6**

Reaction indicator value: **7.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.14**

Disturbance frequency (herb layer): **2**

Disturbance severity: **0.81**

Disturbance severity (herb layer): **0.74**

Mowing frequency: **0.57**

Grazing pressure: **0.26**

Soil disturbance: **0.42**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FJ \(TRA\) Stipo-Trachynietea distachyae](#), [QC \(CHE\) Chenopodietea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S72 Eastern Mediterranean spiny heath \(phrygana\)](#)

### Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Grassland (non-alpine, non-saline), Scrub, Synanthropic**