

# *Atractylis cancellata*

## Habitus and growth type

Plant height [m]: **0.15**

Life span: **Annual**

Life form: **Therophyte**

Spinescence: **spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **15.34**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **4.7**

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## Taxon origin

Origin in Europe: **Native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Dry**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **9.5**

Moisture indicator value: **2**

Reaction indicator value: **6**

Nutrient indicator value: **3.5**

Salinity indicator value: **0.5**

### Disturbance indicator values

Disturbance frequency: **1.08**  
Disturbance frequency (herb layer): **1.83**  
Disturbance severity: **0.79**  
Disturbance severity (herb layer): **0.6**  
Mowing frequency: **0.15**  
Grazing pressure: **0.36**  
Soil disturbance: **0.31**

### **Habitat and sociology**

#### Syntaxon

Diagnostic species of phytosociological classes: [FB \(ROS\) \*Ononido-Rosmarinetea\*](#), [FJ \(TRA\) \*Stipo-Trachynietea distachyae\*](#)

#### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1F Mediterranean annual-rich dry grassland](#), [S63 Eastern garrigue](#)

#### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub**