

# *Astracantha nebrodensis*

## Habitus and growth type

Plant height [m]: **0.38**

Life span: **Perennial**

Life form: **Chamaephyte, Dwarf shrub**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

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: **Dystrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **9**

Temperature indicator value: **6**

Moisture indicator value: **1**

Reaction indicator value: **7**

Nutrient indicator value: **1**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **2.1**

Disturbance frequency (herb layer): **2.1**

Disturbance severity: **0.46**

Disturbance severity (herb layer): **0.43**

Mowing frequency: **0.05**

Grazing pressure: **0.44**

Soil disturbance: **0.18**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FN \(RUM\) Rumici-Astragaletea siculi](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R14 Perennial rocky grassland of the Italian Peninsula](#)

### Broad habitat

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