

# *Astracantha sicula*

## Habitus and growth type

Plant height [m]: **0.22**

Life span: **Perennial**

Life form: **Chamaephyte, Dwarf shrub**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

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

Dispersal distance class: **1**

## 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: **Acidic**

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: **1**

Nutrient indicator value: **1**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.31**

Disturbance frequency (herb layer): **1.87**

Disturbance severity: **0.38**

Disturbance severity (herb layer): **0.28**

Mowing frequency: **0**

Grazing pressure: **0.36**

Soil disturbance: **0.09**

## **Habitat and sociology**

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S74 Central Mediterranean mountain hedgehog-heath](#), [T1D Southern European mountain Betula and Populus tremula forest on mineral soils](#)

Constant species of EUNIS habitats: [S74 Central Mediterranean mountain hedgehog-heath](#), [T1D Southern European mountain Betula and Populus tremula forest on mineral soils](#)

### Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Oromediterranean scrub, Forest, Sparsely vegetated (incl. rock and scree)**