

# *Saponaria sicula*

## Habitus and growth type

Plant height [m]: **0.03**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **3.67**

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

Dispersal distance class: **1**

## 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: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **9**

Temperature indicator value: **6**

Moisture indicator value: **2**

Reaction indicator value: **5**

Nutrient indicator value: **2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.59**

Disturbance frequency (herb layer): **1.59**

Disturbance severity: **0.46**

Disturbance severity (herb layer): **0.39**

Mowing frequency: **0**  
Grazing pressure: **0.35**  
Soil disturbance: **0.12**

## Habitat and sociology

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S74 Central Mediterranean mountain hedgehog-heath](#), [U62 Mediterranean, Macaronesian and temperate volcanic field](#)

### Broad habitat

Occurrence in broad habitats: **Oromediterranean scrub, Sparsely vegetated (incl. rock and scree)**