

# *Helianthemum syriacum*

## Habitus and growth type

Plant height [m]: **0.25**

Life span: **Perennial**

Life form: **Chamaephyte**

Spinescence: **not spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **4.84**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0.37**

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

Dispersal distance class: **2**

## 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: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.7**

Temperature indicator value: **9.3**

Moisture indicator value: **2**

Reaction indicator value: **7.7**

Nutrient indicator value: **2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.9**  
Disturbance frequency (herb layer): **1.79**  
Disturbance severity: **0.59**  
Disturbance severity (herb layer): **0.27**  
Mowing frequency: **0.04**  
Grazing pressure: **0.4**  
Soil disturbance: **0.2**

### **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [S61 Western basiphilous garrigue](#), [S65 Mediterranean gypsum scrub](#)

Constant species of EUNIS habitats: [S61 Western basiphilous garrigue](#), [S65 Mediterranean gypsum scrub](#)

Broad habitat

Occurrence in broad habitats: **Scrub**