

# *Helianthemum nummularium*

## Habitus and growth type

Plant height [m]: **0.2**

Life span: **Perennial**

Life form: **Chamaephyte**

## Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous, Sclerophyllous**

Leaf phenology (woody plants only): **Evergreen, Winter deciduous**

Specific leaf area [mm<sup>2</sup>/mg]: **15.14**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **1.06**

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: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.9**

Moisture indicator value: **3.5**

Reaction indicator value: **7.5**

Nutrient indicator value: **2.1**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.91**  
Disturbance frequency (herb layer): **1.63**  
Disturbance severity: **0.47**  
Disturbance severity (herb layer): **0.4**  
Mowing frequency: **0.39**  
Grazing pressure: **0.29**  
Soil disturbance: **0.14**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S24 Subalpine genistoid scrub of the Amphi-Adriatic region](#)

Constant species of EUNIS habitats: [R14 Perennial rocky grassland of the Italian Peninsula](#), [R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops](#), [R16 Perennial rocky grassland of Central and South-Eastern Europe](#), [R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe](#), [R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region](#), [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#), [R23 Mountain hay meadow](#), [R44 Arctic-alpine calcareous grassland](#), [R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines](#), [R51 Thermophilous forest fringe of base-rich soils](#), [S23 Alpine and subalpine Juniperus scrub](#), [S24 Subalpine genistoid scrub of the Amphi-Adriatic region](#), [S31 Lowland to montane temperate and submediterranean Juniperus scrub](#), [S52 Submediterranean pseudomaquis](#), [S74 Central Mediterranean mountain hedgehog-heath](#), [T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest](#), [T39 Mediterranean and Balkan subalpine Pinus heldreichii-Pinus peuce forest](#)

### Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Oromediterranean scrub, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**