

# *Anthyllis vulneraria*

## Habitus and growth type

Plant height [m]: **0.25**

Life span: **Biennial or short-lived, Perennial**

Life form: **Hemicryptophyte**

Spinescence: **not spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **10.34**

## Flower

Flowering period: **March-August**

## Fruit, seed and dispersal

Seed mass [mg]: **3.83**

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: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.9**

Moisture indicator value: **3.8**

Reaction indicator value: **7.3**

Nutrient indicator value: **2.6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.19**

Disturbance frequency (herb layer): **1.74**  
Disturbance severity: **0.46**  
Disturbance severity (herb layer): **0.41**  
Mowing frequency: **0.38**  
Grazing pressure: **0.3**  
Soil disturbance: **0.18**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CH \(ULI\) \*Calluno-Ulicetea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N34 Atlantic and Baltic soft sea cliff](#), [R14 Perennial rocky grassland of the Italian Peninsula](#), [R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe](#), [R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region](#), [R1H Iberian oromediterranean basiphilous dry grassland](#), [R44 Arctic-alpine calcareous grassland](#), [R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines](#)

Constant species of EUNIS habitats: [N34 Atlantic and Baltic soft sea cliff](#), [R14 Perennial rocky grassland of the Italian Peninsula](#), [R16 Perennial rocky grassland of Central and South-Eastern Europe](#), [R17 Heavy-metal dry grassland of the Balkans](#), [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 \(meadow steppe\)](#), [R1H Iberian oromediterranean basiphilous dry grassland](#), [R23 Mountain hay meadow](#), [R44 Arctic-alpine calcareous grassland](#), [R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines](#), [S22 Alpine and subalpine ericoid heath](#), [S52 Submediterranean pseudomaquis](#), [S61 Western basiphilous garrigue](#), [S73 Western Mediterranean mountain hedgehog-heath](#), [S74 Central Mediterranean mountain hedgehog-heath](#), [U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions](#)

Dominant species of EUNIS habitats: [N34 Atlantic and Baltic soft sea cliff](#)

### Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh**, **Coastal cliff**, **Grassland (non-alpine, non-saline)**, **Alpine-subalpine and arctic grassland**, **Heathland**, **Oromediterranean scrub**, **Scrub**, **Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality amplitude: 5