

# *Hippocrepis comosa*

## Habitus and growth type

Plant height [m]: **0.16**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **15.06**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **3.65**

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 reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.8**

Temperature indicator value: **5.2**

Moisture indicator value: **2.9**

Reaction indicator value: **7.4**

Nutrient indicator value: **2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.83**

Disturbance frequency (herb layer): **1.61**

Disturbance severity: **0.5**

Disturbance severity (herb layer): **0.4**

Mowing frequency: **0.43**

Grazing pressure: **0.3**

Soil disturbance: **0.13**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [DA \(FES\) Festuco-Brometea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R17 Heavy-metal dry grassland of the Balkans](#), [R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe](#), [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#)

Constant species of EUNIS habitats: [R14 Perennial rocky grassland of the Italian Peninsula](#), [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 \(meadow steppe\)](#), [R44 Arctic-alpine calcareous grassland](#), [S24 Subalpine genistoid scrub of the Amphi-Adriatic region](#), [T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline)**, **Scrub**, **Forest**, **Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality: **3**

Continentality amplitude: **3**