

# *Umbilicus rupestris*

## Habitus and growth type

Plant height [m]: **0.26**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **32.77**

## Flower

Flowering period: **February-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0.01**

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: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.7**

Temperature indicator value: **9**

Moisture indicator value: **3.5**

Reaction indicator value: **5.8**

Nutrient indicator value: **3.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.44**

Disturbance frequency (herb layer): **1.12**  
Disturbance severity: **0.55**  
Disturbance severity (herb layer): **0.33**  
Mowing frequency: **0.17**  
Grazing pressure: **0.22**  
Soil disturbance: **0.16**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [KD \(CYM\) Cymbalario-Parietarietea diffusae](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1L Madeiran oromediterranean siliceous dry grassland](#), [U34 Mediterranean siliceous inland cliff](#)

Constant species of EUNIS habitats: [R1L Madeiran oromediterranean siliceous dry grassland](#), [U34 Mediterranean siliceous inland cliff](#)

### Broad habitat

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