Umbilicus rupestris

Habitus and growth type

Plant height [m]: **0.26**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz