

# *Asplenium ruta-muraria*

## Habitus and growth type

Plant height [m]: **0.11**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **12.43**

## Flower

Flowering period: **March-December**

## Fruit, seed and dispersal

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

## 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**

Temperature indicator value: **5.4**

Moisture indicator value: **2.9**

Reaction indicator value: **7.9**

Nutrient indicator value: **2.4**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.34**

Disturbance frequency (herb layer): **1.13**

Disturbance severity: **0.48**

Disturbance severity (herb layer): **0.23**

Mowing frequency: **0.05**

Grazing pressure: **0.21**

Soil disturbance: **0.12**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [U37 Temperate, lowland to montane base-rich inland cliff](#), [U3A Temperate ultramafic inland cliff](#)

Constant species of EUNIS habitats: [R16 Perennial rocky grassland of Central and South-Eastern Europe](#), [U36 Temperate high-mountain base-rich inland cliff](#), [U37 Temperate, lowland to montane base-rich inland cliff](#), [U38 Mediterranean base-rich inland cliff](#), [U3A Temperate ultramafic inland cliff](#)

### Broad habitat

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

## Distribution

Continentality amplitude: **6**