Asplenium ruta-muraria

Habitus and growth type

Plant height [m]: **0.11**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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: **R16 Perennial rocky grassland of Central and South-Eastern Europe**, **U37 Temperate, lowland to montane base-rich inland cliff**, **U38 Mediterranean 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**

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