

# *Asplenium septentrionale*

## Habitus and growth type

Plant height [m]: **0.12**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **14.42**

## Flower

Flowering period: **March-October**

## 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 reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.9**

Temperature indicator value: **4.9**

Moisture indicator value: **2.9**

Reaction indicator value: **2.2**

Nutrient indicator value: **2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.56**

Disturbance frequency (herb layer): **1.04**

Disturbance severity: **0.39**

Disturbance severity (herb layer): **0.26**

Mowing frequency: **0.09**

Grazing pressure: **0.2**

Soil disturbance: **0.15**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [KC \(ASP\) \*Asplenietea trichomanis\*](#),  
[KD \(CYM\) \*Cymbalaria-Parietaria diffusa\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [U32 Temperate high-mountain siliceous inland cliff](#), [U33 Temperate, lowland to montane siliceous inland cliff](#), [U34 Mediterranean siliceous inland cliff](#)

Constant species of EUNIS habitats: [U32 Temperate high-mountain siliceous inland cliff](#), [U33 Temperate, lowland to montane siliceous inland cliff](#), [U34 Mediterranean siliceous 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: **6**

Continentality amplitude: **5**