

# *Asplenium trichomanes*

## Habitus and growth type

Plant height [m]: **0.17**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **16.9**

## Flower

Flowering period: **January-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: **Mesic**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Temperature indicator value: **5.9**

Moisture indicator value: **4.1**

Nutrient indicator value: **2.9**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.14**

Disturbance frequency (herb layer): **1.2**

Disturbance severity: **0.62**

Disturbance severity (herb layer): **0.18**

Mowing frequency: **0.04**

Grazing pressure: **0.19**

Soil disturbance: **0.11**

## Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [U33 Temperate, lowland to montane siliceous inland cliff](#), [U34 Mediterranean siliceous inland cliff](#), [U38 Mediterranean base-rich inland cliff](#)

Constant species of EUNIS habitats: [T1F Ravine forest](#), [T22 Mainland laurophyllous forest](#), [U32 Temperate high-mountain siliceous inland cliff](#), [U33 Temperate, lowland to montane siliceous inland cliff](#), [U34 Mediterranean siliceous 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: 5