Asplenium trichomanes

Habitus and growth type

Plant height [m]: **0.17**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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**

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