

Cystopteris fragilis

Habitus and growth type

Plant height [m]: **0.22**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm²/mg]: **21.4**

Flower

Flowering period: **April-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 humidity relationship: **Wet**

Substrate reaction relationship: **Alkaline**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Reaction indicator value: **7.9**

Nutrient indicator value: **3.1**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.21**

Disturbance frequency (herb layer): **1.12**

Disturbance severity: **0.57**

Disturbance severity (herb layer): **0.21**

Mowing frequency: **0.04**

Grazing pressure: **0.17**

Soil disturbance: **0.11**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [U36 Temperate high-mountain base-rich inland cliff](#)

Constant species of EUNIS habitats: [U32 Temperate high-mountain siliceous inland cliff](#), [U33 Temperate, lowland to montane siliceous inland cliff](#), [U36 Temperate high-mountain base-rich inland cliff](#)

Broad habitat

Occurrence in broad habitats: **Coastal cliff, Spring, Forest, Sparsely vegetated (incl. rock and scree)**