# *Cystopteris fragilis*

### Habitus and growth type

Plant height [m]: **0.22**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

### Leaf

Specific leaf area [$mm^2$/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**

*© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz*

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)**

*© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz*