

# *Cystopteris montana*

## Habitus and growth type

Plant height [m]: **0.26**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Flower

Flowering period: **June-September**

## 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**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **4**

Temperature indicator value: **3.3**

Moisture indicator value: **6.5**

Reaction indicator value: **8.7**

Nutrient indicator value: **2.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.15**

Disturbance frequency (herb layer): **1.11**

Disturbance severity: **0.59**

Disturbance severity (herb layer): **0.16**

Mowing frequency: **0.02**

Grazing pressure: **0.18**

Soil disturbance: **0.09**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [KE \(THL\) \*Thlaspietea rotundifolii\*](#)

Broad habitat

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

## **Distribution**

Continentality: **6**

Continentality amplitude: **6**