# *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**

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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**

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