

# *Cystopteris sudetica*

## Habitus and growth type

Plant height [m]: **0.23**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Flower

Flowering period: **May-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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **4.8**

Temperature indicator value: **4**

Moisture indicator value: **5.3**

Reaction indicator value: **8.3**

Nutrient indicator value: **2.7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.07**

Disturbance frequency (herb layer): **1.34**

Disturbance severity: **0.64**

Disturbance severity (herb layer): **0.13**

Mowing frequency: **0**

Grazing pressure: **0.18**

Soil disturbance: **0.1**

## **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: **7**

Continentality amplitude: **5**