

# ***Hieracium lachenalii***

## **Habitus and growth type**

Plant height [m]: **0.54**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **36.03**

## **Flower**

Flowering period: **May-August**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.39**

Dispersal mode: **Anemochory**

Dispersal distance class: **3**

## **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: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### **Ellenberg-type indicator values**

Light indicator value: **5.4**

Temperature indicator value: **5**

Moisture indicator value: **5**

Reaction indicator value: **4**

Nutrient indicator value: **2.4**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.14**

Disturbance frequency (herb layer): **1.37**  
Disturbance severity: **0.64**  
Disturbance severity (herb layer): **0.18**  
Mowing frequency: **0.07**  
Grazing pressure: **0.21**  
Soil disturbance: **0.14**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CC \(QUE\) \*Quercetea robori-petraeae\*](#),  
[CL \(GER\) \*Trifolio-Geranietea sanguinei\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [U21 Boreal and Arctic siliceous scree and block field](#), [U35 Boreal and Arctic base-rich inland cliff](#)

Constant species of EUNIS habitats: [R42 Boreal and Arctic acidophilous alpine grassland](#), [R52 Forest fringe of acidic nutrient-poor soils](#), [T3H Larix light taiga](#), [U21 Boreal and Arctic siliceous scree and block field](#), [U25 Boreal and Arctic base-rich scree and block field](#), [U35 Boreal and Arctic base-rich inland cliff](#), [U52 Polar desert](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline)**, **Alpine-subalpine and arctic grassland**, **Scrub**, **Forest**, **Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality amplitude: **6**