Hieracium lachenalii

Habitus and growth type

Plant height [m]: **0.54**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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

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, U25 Boreal and Arctic base-rich scree and block field, U35 Boreal and Arctic base-rich inland cliff**
Constant species of EUNIS habitats: **R52 Forest fringe of acidic nutrient-poor soils, 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**

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