

# *Hieracium sabaudum*

## Habitus and growth type

Plant height [m]: **0.92**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **45.57**

## Flower

Flowering period: **July-October**

## Fruit, seed and dispersal

Seed mass [mg]: **0.53**

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: **6.3**

Temperature indicator value: **6**

Moisture indicator value: **4.8**

Reaction indicator value: **3.8**

Nutrient indicator value: **2.4**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.08**

Disturbance frequency (herb layer): **1.34**  
Disturbance severity: **0.67**  
Disturbance severity (herb layer): **0.16**  
Mowing frequency: **0.06**  
Grazing pressure: **0.2**  
Soil disturbance: **0.12**

## Habitat and sociology

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R52 Forest fringe of acidic nutrient-poor soils](#), [T1B Acidophilous Quercus forest](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest, Synanthropic**

## Distribution

Continentality: **4**  
Continentality amplitude: **4**