# *Hieracium murorum*

## Habitus and growth type

Plant height [m]: **0.31**
Life span: **Perennial**
Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [$mm^2$/mg]: **38.24**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.41**
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: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **5.2**
Moisture indicator value: **5.1**
Reaction indicator value: **5.2**
Nutrient indicator value: **3.6**
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.05**
Disturbance frequency (herb layer): **1.25**

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Disturbance severity: **0.67**
Disturbance severity (herb layer): **0.13**
Mowing frequency: **0.02**
Grazing pressure: **0.2**
Soil disturbance: **0.11**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **CA (FAG) *Carpino-Fagetea sylvaticae***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **T18 Fagus forest on acid soils**, **T31 Temperate mountain Picea forest**, **T32 Temperate mountain Abies forest**, **T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest**, **T39 Mediterranean and Balkan subalpine Pinus heldreichii-Pinus peuce forest**

Constant species of EUNIS habitats: **R52 Forest fringe of acidic nutrient-poor soils**, **S26 Subalpine Pinus mugo scrub**, **T17 Fagus forest on non-acid soils**, **T18 Fagus forest on acid soils**, **T19 Temperate and submediterranean thermophilous deciduous forest**, **T1B Acidophilous Quercus forest**, **T1E Carpinus and Quercus mesic deciduous forest**, **T31 Temperate mountain Picea forest**, **T32 Temperate mountain Abies forest**, **T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest**, **T35 Temperate continental Pinus sylvestris forest**, **T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest**, **T37 Mediterranean montane Pinus sylvestris-Pinus nigra forest**, **T39 Mediterranean and Balkan subalpine Pinus heldreichii-Pinus peuce forest**, **T3C Taxus baccata forest**

### Broad habitat

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

## Distribution

Continentality amplitude: **5**

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