

Hieracium laevigatum

Habitus and growth type

Plant height [m]: **0.69**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **20.98**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.36**

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: **6.6**

Temperature indicator value: **5.4**

Moisture indicator value: **5**

Reaction indicator value: **3.1**

Nutrient indicator value: **2.2**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.32**

Disturbance frequency (herb layer): **1.5**

Disturbance severity: **0.59**

Disturbance severity (herb layer): **0.29**

Mowing frequency: **0.22**

Grazing pressure: **0.24**

Soil disturbance: **0.2**

Habitat and sociology

Syntaxon

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

Broad habitat

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

Distribution

Continentality amplitude: **6**