

# ***Hieracium maculatum***

## **Habitus and growth type**

Plant height [m]: **0.5**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **19.18**

## **Flower**

Flowering period: **May-July**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.48**

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: **Dry**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

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

Light indicator value: **5.3**

Temperature indicator value: **6.5**

Moisture indicator value: **4.2**

Reaction indicator value: **4.5**

Nutrient indicator value: **3**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.05**

Disturbance frequency (herb layer): **1.34**

Disturbance severity: **0.68**

Disturbance severity (herb layer): **0.14**

Mowing frequency: **0.03**

Grazing pressure: **0.2**

Soil disturbance: **0.11**

## **Habitat and sociology**

### **Syntaxon**

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

### **Broad habitat**

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

## **Distribution**

Continentality: **4**

Continentality amplitude: **4**