

# ***Hieracium umbellatum***

## **Habitus and growth type**

Plant height [m]: **0.61**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **20.75**

## **Flower**

Flowering period: **July-October**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.44**

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**

Temperature indicator value: **5.6**

Moisture indicator value: **4.7**

Reaction indicator value: **4.2**

Nutrient indicator value: **2.2**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.43**

Disturbance frequency (herb layer): **1.52**

Disturbance severity: **0.55**

Disturbance severity (herb layer): **0.3**

Mowing frequency: **0.22**

Grazing pressure: **0.22**

Soil disturbance: **0.22**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [BC \(BRA\) \*Brachypodio pinnati-Betuletea pendulae\*](#), [CC \(QUE\) \*Quercetea robori-petraeae\*](#), [KC \(ASP\) \*Asplenietea trichomanis\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N18 Atlantic and Baltic coastal \*Empetrum heath\*](#), [U33 Temperate, lowland to montane siliceous inland cliff](#)

Constant species of EUNIS habitats: [N15 Atlantic and Baltic coastal dune grassland \(grey dune\)](#), [N18 Atlantic and Baltic coastal \*Empetrum heath\*](#), [N1F Baltic coniferous coastal dune forest](#), [T3H \*Larix\* light taiga](#), [U33 Temperate, lowland to montane siliceous inland cliff](#)

### Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Grassland (non-alpine, non-saline), Heathland, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality amplitude: **8**