

Hieracium umbellatum

Habitus and growth type

Plant height [m]: **0.61**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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**