Hieracium umbellatum

Habitus and growth type

Plant height [m]: **0.61**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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: **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**

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**

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