

# ***Pilosella officinarum***

## **Habitus and growth type**

Plant height [m]: **0.14**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Spinescence: **not spinescent**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **18.48**

## **Flower**

Flowering period: **April-October**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.19**

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

## **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: **7.6**

Temperature indicator value: **4.7**

Moisture indicator value: **3.9**

Reaction indicator value: **5.3**

Nutrient indicator value: **1.8**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.87**  
 Disturbance frequency (herb layer): **1.8**  
 Disturbance severity: **0.5**  
 Disturbance severity (herb layer): **0.41**  
 Mowing frequency: **0.48**  
 Grazing pressure: **0.31**  
 Soil disturbance: **0.23**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils](#)

Constant species of EUNIS habitats: [N19 Atlantic coastal Calluna and Ulex heath](#), [R12 Cryptogam- and annual-dominated vegetation on siliceous rock outcrops](#), [R13 Cryptogam- and annual-dominated vegetation on calcareous and ultramafic rock outcrops](#), [R14 Perennial rocky grassland of the Italian Peninsula](#), [R16 Perennial rocky grassland of Central and South-Eastern Europe](#), [R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe](#), [R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region](#), [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#), [R1H Iberian oromediterranean basiphilous dry grassland](#), [R1M Lowland to montane, dry to mesic grassland usually dominated by Nardus stricta](#), [R1N Open Iberian supramediterranean dry acid and neutral grassland](#), [R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils](#), [R1Q Inland sanddrift and dune with siliceous grassland](#), [R24 Iberian summer pasture \(vallicar\)](#), [R32 Mediterranean short moist grassland of lowlands](#), [R33 Mediterranean short moist grassland of mountains](#), [R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines](#), [S31 Lowland to montane temperate and submediterranean Juniperus scrub](#), [S42 Dry heath](#), [S61 Western basiphilous garrigue](#), [T35 Temperate continental Pinus sylvestris forest](#), [T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest](#), [T37 Mediterranean montane Pinus sylvestris-Pinus nigra forest](#), [U23 Temperate, lowland to montane siliceous scree](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline)**, **Alpine-subalpine and arctic grassland**, **Heathland**, **Scrub**, **Forest**, **Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality amplitude: **5**