

Pilosella officinarum

Habitus and growth type

Plant height [m]: **0.14**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Spinescence: **not spinescent**

Leaf

Specific leaf area [mm²/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**