

Holcus lanatus

Habitus and growth type

Plant height [m]: **0.53**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **30.7**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.39**

Dispersal mode: **Local non-specific dispersal, Anthropochory**

Dispersal distance class: **2, 7**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **7.2**

Reaction indicator value: **5.5**

Nutrient indicator value: **4.7**

Salinity indicator value: **0.5**

Disturbance indicator values

Disturbance frequency: **1.23**

Disturbance frequency (herb layer): **1.91**

Disturbance severity: **0.51**

Disturbance severity (herb layer): **0.47**

Mowing frequency: **0.82**

Grazing pressure: **0.29**

Soil disturbance: **0.29**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) *Molinio-Arrhenatheretea*](#), [IA \(ALN\) *Alnetea glutinosae*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [R21 Mesic permanent pasture of lowlands and mountains](#), [R22 Low and medium altitude hay meadow](#), [R24 Iberian summer pasture \(vallicar\)](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [R37 Temperate and boreal moist or wet oligotrophic grassland](#)

Constant species of EUNIS habitats: [MA222 Atlantic upper saltmarsh](#), [N18 Atlantic and Baltic coastal *Empetrum* heath](#), [N19 Atlantic coastal *Calluna* and *Ulex* heath](#), [N1A Atlantic and Baltic coastal dune scrub](#), [N1D Atlantic and Baltic broad-leaved coastal dune forest](#), [N1H Atlantic and Baltic moist and wet dune slack](#), [N34 Atlantic and Baltic soft sea cliff](#), [R1S Heavy-metal grassland in Western and Central Europe](#), [R21 Mesic permanent pasture of lowlands and mountains](#), [R22 Low and medium altitude hay meadow](#), [R23 Mountain hay meadow](#), [R24 Iberian summer pasture \(vallicar\)](#), [R31 Mediterranean tall humid inland grassland](#), [R33 Mediterranean short moist grassland of mountains](#), [R34 Submediterranean moist meadow](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [R36 Moist or wet mesotrophic to eutrophic pasture](#), [R37 Temperate and boreal moist or wet oligotrophic grassland](#), [R54 *Pteridium aquilinum* vegetation](#), [R55 Lowland moist or wet tall-herb and fern fringe](#), [S32 Temperate *Rubus* scrub](#), [S38 Temperate forest clearing scrub](#), [S92 *Salix fen* scrub](#)

Dominant species of EUNIS habitats: [R22 Low and medium altitude hay meadow](#)

Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Coastal cliff, Aquatic, Wetland, Mire, Grassland (non-alpine, non-saline), Heathland, Scrub, Forest**

Distribution

Continentality: **4**

Continentality amplitude: **4**