

# ***Holcus lanatus***

## **Habitus and growth type**

Plant height [m]: **0.53**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/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: [R22 Low and medium altitude hay meadow](#)

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](#), [T29 Broadleaved evergreen plantation of non site-native trees](#)

### 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**