

# ***Holcus mollis***

## **Habitus and growth type**

Plant height [m]: **0.44**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **39.62**

## **Flower**

Flowering period: **April-July**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.35**

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

Dispersal distance class: **2**

## **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**

Light indicator value: **6.3**

Moisture indicator value: **5.6**

Reaction indicator value: **2.7**

Nutrient indicator value: **3**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.38**

Disturbance frequency (herb layer): **1.49**

Disturbance severity: **0.61**

Disturbance severity (herb layer): **0.34**

Mowing frequency: **0.25**

Grazing pressure: **0.2**

Soil disturbance: **0.23**

## **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [R52 Forest fringe of acidic nutrient-poor soils](#)

Constant species of EUNIS habitats: [R52 Forest fringe of acidic nutrient-poor soils](#),  
[R54 Pteridium aquilinum vegetation](#), [T1B Acidophilous Quercus forest](#)

Dominant species of EUNIS habitats: [R52 Forest fringe of acidic nutrient-poor soils](#)

Broad habitat

Occurrence in broad habitats: **Wetland, Grassland (non-alpine, non-saline), Scrub, Forest, Synanthropic**

## **Distribution**

Continentality: **3**

Continentality amplitude: **3**