Holcus mollis

Habitus and growth type

Plant height [m]: **0.44**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/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**

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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**, **T1B Acidophilous Quercus forest**
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**

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