

# *Mercurialis perennis*

## Habitus and growth type

Plant height [m]: **0.23**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **25.68**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **8.08**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

## 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: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Moisture indicator value: **5.5**

Reaction indicator value: **7.4**

Nutrient indicator value: **6.6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.05**

Disturbance frequency (herb layer): **1.29**

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.15**

Mowing frequency: **0.01**

Grazing pressure: **0.19**

Soil disturbance: **0.1**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) \*Carpino-Fagetea sylvaticae\*](#),  
[HA \(POP\) \*Alno glutinosae-Populetea albae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T17 \*Fagus forest on non-acid soils\*](#), [T1F \*Ravine forest\*](#), [T32 \*Temperate mountain Abies forest\*](#), [T3C \*Taxus baccata forest\*](#)

Constant species of EUNIS habitats: [S24 \*Subalpine genistoid scrub of the Amphi-Adriatic region\*](#), [S37 \*Corylus avellana scrub\*](#), [T12 \*Alnus glutinosa-Alnus incana forest on riparian and mineral soils\*](#), [T17 \*Fagus forest on non-acid soils\*](#), [T1E \*Carpinus and Quercus mesic deciduous forest\*](#), [T1F \*Ravine forest\*](#), [T1G \*Alnus cordata forest\*](#), [T31 \*Temperate mountain Picea forest\*](#), [T32 \*Temperate mountain Abies forest\*](#), [T3C \*Taxus baccata forest\*](#)

Dominant species of EUNIS habitats: [T1F \*Ravine forest\*](#), [T3C \*Taxus baccata forest\*](#)

### Broad habitat

Occurrence in broad habitats: **Scrub, Forest**

## Distribution

Continentality amplitude: **5**