

Mercurialis perennis

Habitus and growth type

Plant height [m]: **0.23**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm²/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**