

Mercurialis annua

Habitus and growth type

Plant height [m]: **0.27**

Life span: **Annual**

Life form: **Therophyte**

Leaf

Specific leaf area [mm²/mg]: **46.54**

Flower

Flowering period: **January-December**

Fruit, seed and dispersal

Seed mass [mg]: **2.27**

Dispersal mode: **Myrmecochory, Anthropochory**

Dispersal distance class: **3, 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 reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.5**

Reaction indicator value: **7.1**

Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **1.27**

Disturbance frequency (herb layer): **1.86**

Disturbance severity: **0.82**

Disturbance severity (herb layer): **0.78**

Mowing frequency: **0.65**

Grazing pressure: **0.18**

Soil disturbance: **0.64**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [QA \(PAR\) *Papaveretea rhoeadis*](#)

Broad habitat

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

Distribution

Continentality amplitude: **6**