Mercurialis annua

Habitus and growth type

Plant height [m]: **0.27**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/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**

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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**

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