

# *Mercurialis ovata*

## Habitus and growth type

Plant height [m]: **0.27**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **11.3**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **5.6**

Temperature indicator value: **6.3**

Moisture indicator value: **4.1**

Reaction indicator value: **7.3**

Nutrient indicator value: **4.8**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.1**

Disturbance frequency (herb layer): **1.34**

Disturbance severity: **0.65**

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

Mowing frequency: **0.05**

Grazing pressure: **0.21**

Soil disturbance: **0.1**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [\*\*CB \(PUB\) Quercetea pubescentis\*\*](#)

Broad habitat

Occurrence in broad habitats: **Forest**

## **Distribution**

Continentality: **6**

Continentality amplitude: **2**