

# *Lemna minor*

## Habitus and growth type

Plant height [m]: **0.01**

Life span: **Perennial**

Life form: **Hydrophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **18.7**

## Flower

Flowering period: **April-October**

## Fruit, seed and dispersal

Seed mass [mg]:

Dispersal mode: **Epizoochory**

Dispersal distance class: **6**

## 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: **Water**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **7**

Moisture indicator value: **11.1**

Nutrient indicator value: **5.6**

Salinity indicator value: **0.6**

### Disturbance indicator values

Disturbance frequency: **1.38**

Disturbance frequency (herb layer): **1.65**

Disturbance severity: **0.27**

Disturbance severity (herb layer): **0.26**  
Mowing frequency: **0.16**  
Grazing pressure: **0.05**  
Soil disturbance: **0.07**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [NA \(LEM\) Lemnetea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [P3b Fresh-water small pleustophyte vegetation](#), [P3c Fresh-water large pleustophyte vegetation](#), [P3d Fresh-water submerged vegetation](#), [P3e Fresh-water nymphaeid vegetation](#), [V14 Inundated or inundatable cropland, including rice fields](#)

Constant species of EUNIS habitats: [P3b Fresh-water small pleustophyte vegetation](#), [P3c Fresh-water large pleustophyte vegetation](#), [P3d Fresh-water submerged vegetation](#), [P3e Fresh-water nymphaeid vegetation](#), [Q51 Tall-helophyte bed](#), [Q52 Small-helophyte bed](#), [T15 Broadleaved swamp forest on non-acid peat](#), [V14 Inundated or inundatable cropland, including rice fields](#)

Dominant species of EUNIS habitats: [P3b Fresh-water small pleustophyte vegetation](#), [V14 Inundated or inundatable cropland, including rice fields](#)

### Broad habitat

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

## Distribution

Continentality amplitude: **6**