

# *Spirodela polyrhiza*

## Habitus and growth type

Plant height [m]: **0.01**

Life span: **Perennial**

Life form: **Hydrophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **29.81**

## Flower

Flowering period: **April-October**

## Fruit, seed and dispersal

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **6.9**

Temperature indicator value: **6.3**

Moisture indicator value: **11.1**

Reaction indicator value: **6.1**

Nutrient indicator value: **6.6**

Salinity indicator value: **0.6**

### Disturbance indicator values

Disturbance frequency: **1.64**

Disturbance frequency (herb layer): **1.66**

Disturbance severity: **0.26**

Disturbance severity (herb layer): **0.26**

Mowing frequency: **0.1**

Grazing pressure: **0.03**

Soil disturbance: **0.05**

## **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](#)

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](#), [V14 Inundated or inundatable cropland, including rice fields](#)

Dominant species of EUNIS habitats: [P3b Fresh-water small pleustophyte vegetation](#)

### Broad habitat

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

## **Distribution**

Continentality amplitude: **6**