

# *Salvinia natans*

## Habitus and growth type

Plant height [m]: **0.02**

Life span: **Annual**

Life form: **Hydrophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **106.36**

## Flower

Flowering period: **April-September**

## 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**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.4**

Temperature indicator value: **7.2**

Moisture indicator value: **10.9**

Nutrient indicator value: **6.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.5**

Disturbance frequency (herb layer): **1.62**

Disturbance severity: **0.27**

Disturbance severity (herb layer): **0.27**

Mowing frequency: **0.12**

Grazing pressure: **0.04**

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](#), [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, Synanthropic**

## Distribution

Continentality: **5**

Continentality amplitude: **4**