

# *Luronium natans*

## Habitus and growth type

Plant height [m]: **0.39**

Life span: **Perennial**

Life form: **Hydrophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **49.04**

## Flower

Flowering period: **May-September**

## Fruit, seed and dispersal

Seed mass [mg]: **0.49**

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: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **6.2**

Moisture indicator value: **10.8**

Reaction indicator value: **4.6**

Nutrient indicator value: **3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.42**

Disturbance frequency (herb layer): **1.42**

Disturbance severity: **0.18**

Disturbance severity (herb layer): **0.18**

Mowing frequency: **0.03**

Grazing pressure: **0.02**

Soil disturbance: **0.04**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [OB \(LIT\) \*Littorelletea uniflorae\*](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic**

## **Distribution**

Continentality: **3**

Continentality amplitude: **3**