Luronium natans

Habitus and growth type

Plant height [m]: **0.39**
Life span: **Perennial**
Life form: **Hydrophyte**

Leaf

Specific leaf area [mm^2/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**

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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**

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