Potamogeton lucens

Habitus and growth type

Plant height [m]: **2.1**
Life span: **Perennial**
Life form: **Hydrophyte**

Leaf

Specific leaf area [mm^2/mg]: **66.51**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **5.13**
Dispersal mode: **Hydrochory**

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: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.1**
Moisture indicator value: **11.9**
Reaction indicator value: **6.6**
Nutrient indicator value: **7.1**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **1.62**
Disturbance frequency (herb layer): **1.62**
Disturbance severity: **0.25**

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Disturbance severity (herb layer): **0.25**
Mowing frequency: **0.03**
Grazing pressure: **0.01**
Soil disturbance: **0.02**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **NB (POT) *Potamogetonetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **P3d Fresh-water submerged vegetation**, **P3e Fresh-water nymphaeid vegetation**
Dominant species of EUNIS habitats: **P3d Fresh-water submerged vegetation**

Broad habitat

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

Distribution

Continentality amplitude: **8**

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