Elodea nuttallii

Habitus and growth type

Plant height [m]: **0.64**
Life span: **Perennial**
Life form: **Hydrophyte**

Leaf

Specific leaf area [mm^2/mg]: **26.05**

Flower

Flowering period: **June-September**

Fruit, seed and dispersal

Dispersal mode: **Anthropochory, Hydrochory**
Dispersal distance class: **7**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **neophyte**

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: **6.8**
Temperature indicator value: **6.2**
Moisture indicator value: **12**
Reaction indicator value: **6.7**
Nutrient indicator value: **7**
Salinity indicator value: **0.2**

Disturbance indicator values

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

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Disturbance severity: **0.25**
Disturbance severity (herb layer): **0.25**
Mowing frequency: **0.07**
Grazing pressure: **0.02**
Soil disturbance: **0.03**

Habitat and sociology

Syntaxon

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

EUNIS habitat

Diagnostic species of EUNIS habitats: **P3c Fresh-water large pleustophyte vegetation**, **P3d Fresh-water submerged vegetation**

Broad habitat

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

Distribution

Continentality: **6**
Continentality amplitude: **5**

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