

# ***Elodea nuttallii***

## **Habitus and growth type**

Plant height [m]: **0.64**

Life span: **Perennial**

Life form: **Hydrophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/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**

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: [P3d Fresh-water submerged vegetation](#)

Dominant species of EUNIS habitats: [P3d Fresh-water submerged vegetation](#)

### Broad habitat

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

## Distribution

Continentality: **6**

Continentality amplitude: **5**