# *Elodea canadensis*

## Habitus and growth type

Plant height [m]: **0.86**
Life span: **Perennial**
Life form: **Hydrophyte**

## Leaf

Specific leaf area [$mm^2$/mg]: **37.26**

## Flower

Flowering period: **May-July**

## 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: **6.7**
Temperature indicator value: **6**
Moisture indicator value: **11.9**
Reaction indicator value: **7**
Nutrient indicator value: **7**
Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **1.59**
Disturbance frequency (herb layer): **1.6**

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Disturbance severity: **0.27**
Disturbance severity (herb layer): **0.27**
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: **P3c Fresh-water large pleustophyte vegetation**, **P3d Fresh-water submerged vegetation**, **P3e Fresh-water nymphaeid vegetation**
Constant species of EUNIS habitats: **P3c Fresh-water large pleustophyte vegetation**, **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: **6**

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