

# *Potamogeton polygonifolius*

## Habitus and growth type

Plant height [m]: **0.28**

Life span: **Perennial**

Life form: **Hydrophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **43.54**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **1.72**

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: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.7**

Temperature indicator value: **5.8**

Moisture indicator value: **10.9**

Reaction indicator value: **3.2**

Nutrient indicator value: **2.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.4**

Disturbance frequency (herb layer): **1.44**

Disturbance severity: **0.18**

Disturbance severity (herb layer): **0.17**

Mowing frequency: **0.06**

Grazing pressure: **0.08**

Soil disturbance: **0.16**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **NB (POT) *Potamogetonetea*, OB (LIT) *Littorelletea uniflorae***

### EUNIS habitat

Diagnostic species of EUNIS habitats: ***P3f Oligotrophic-water vegetation***

Constant species of EUNIS habitats: ***P3f Oligotrophic-water vegetation***

Dominant species of EUNIS habitats: ***P3f Oligotrophic-water vegetation***

### Broad habitat

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

## Distribution

Continentality: **4**

Continentality amplitude: **4**