

# *Potamogeton natans*

## Habitus and growth type

Plant height [m]: **0.62**

Life span: **Perennial**

Life form: **Hydrophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **27.52**

## Flower

Flowering period: **March-July**

## Fruit, seed and dispersal

Seed mass [mg]: **5.73**

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: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.4**

Temperature indicator value: **4.5**

Moisture indicator value: **11.3**

Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **1.62**

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

Disturbance severity: **0.25**

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

Mowing frequency: **0.05**

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](#), [P3e Fresh-water nymphaeid vegetation](#)

Constant species of EUNIS habitats: [P3c Fresh-water large pleustophyte vegetation](#), [P3e Fresh-water nymphaeid vegetation](#)

Dominant species of EUNIS habitats: [P3e Fresh-water nymphaeid vegetation](#)

Broad habitat

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

## **Distribution**

Continentality amplitude: **8**