

# *Potamogeton berchtoldii*

## Habitus and growth type

Plant height [m]: **0.55**

Life span: **Annual, Perennial**

Life form: **Hydrophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **49.5**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **1.13**

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**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **6.7**

Temperature indicator value: **5.6**

Moisture indicator value: **12**

Nutrient indicator value: **5.3**

Salinity indicator value: **0.5**

### Disturbance indicator values

Disturbance frequency: **1.65**

Disturbance frequency (herb layer): **1.65**

Disturbance severity: **0.26**

Disturbance severity (herb layer): **0.26**

Mowing frequency: **0.02**

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: [V14 Inundated or inundatable cropland, including rice fields](#)

Broad habitat

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

## **Distribution**

Continentality amplitude: **9**