

# *Potamogeton alpinus*

## Habitus and growth type

Plant height [m]: **0.64**

Life span: **Perennial**

Life form: **Hydrophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **92.77**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

Seed mass [mg]: **1.89**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7**

Temperature indicator value: **3.9**

Moisture indicator value: **11.7**

Reaction indicator value: **6**

Nutrient indicator value: **4.8**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **1.46**

Disturbance frequency (herb layer): **1.69**

Disturbance severity: **0.34**

Disturbance severity (herb layer): **0.32**

Mowing frequency: **0.01**

Grazing pressure: **0.01**

Soil disturbance: **0.01**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [NB \(POT\) Potamogetonetea](#)

Broad habitat

Occurrence in broad habitats: **Aquatic**

## **Distribution**

Continentality amplitude: **5**