

# *Hottonia palustris*

## Habitus and growth type

Plant height [m]: **0.46**

Life span: **Perennial**

Life form: **Hydrophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **89.72**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **0.13**

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**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.6**

Temperature indicator value: **6.1**

Moisture indicator value: **11**

Reaction indicator value: **5.5**

Nutrient indicator value: **4.7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.97**

Disturbance frequency (herb layer): **1.51**

Disturbance severity: **0.31**

Disturbance severity (herb layer): **0.24**

Mowing frequency: **0.08**

Grazing pressure: **0.05**

Soil disturbance: **0.06**

## **Habitat and sociology**

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T15 Broadleaved swamp forest on non-acid peat](#)

### Broad habitat

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

## **Distribution**

Continentality: **5**

Continentality amplitude: **3**