

# *Ranunculus aquatilis*

## Habitus and growth type

Plant height [m]: **0.46**

Life span: **Annual, Perennial**

Life form: **Hydrophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **30.62**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0.3**

Dispersal mode: **Epizoochory**

Dispersal distance class: **6**

## 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: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.5**

Moisture indicator value: **11.1**

Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **1.68**

Disturbance frequency (herb layer): **1.74**

Disturbance severity: **0.35**

Disturbance severity (herb layer): **0.34**

Mowing frequency: **0.04**

Grazing pressure: **0.05**

Soil disturbance: **0.08**

## **Habitat and sociology**

Syntaxon

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

Broad habitat

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

## **Distribution**

Continentality: **4**

Continentality amplitude: **4**