Ranunculus aquatilis

Habitus and growth type

Plant height [m]: **0.46**
Life span: **Annual, Perennial**
Life form: **Hydrophyte**

Leaf

Specific leaf area [mm^2/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**

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Mowing frequency: **0.04**
Grazing pressure: **0.05**
Soil disturbance: **0.08**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **NB (POT) *Potamogetonetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **P3d Fresh-water submerged vegetation**

Broad habitat

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

Distribution

Continentality: **4**
Continentality amplitude: **4**

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