

Ranunculus aquatilis

Habitus and growth type

Plant height [m]: **0.46**

Life span: **Annual, Perennial**

Life form: **Hydrophyte**

Leaf

Specific leaf area [mm²/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**