Hydrocharis morsus-ranae

Habitus and growth type

Plant height [m]: **0.17**
Life span: **Perennial**
Life form: **Hydrophyte**

Leaf

Specific leaf area [mm^2/mg]: **40.37**

Flower

Flowering period: **June-September**

Fruit, seed and dispersal

Seed mass [mg]: **0.16**
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: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.3**
Moisture indicator value: **11.1**
Reaction indicator value: **6.8**
Nutrient indicator value: **6.7**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.54**
Disturbance frequency (herb layer): **1.61**

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Disturbance severity: **0.27**
Disturbance severity (herb layer): **0.26**
Mowing frequency: **0.08**
Grazing pressure: **0.03**
Soil disturbance: **0.04**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **NA (LEM) *Lemnetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **P3b Fresh-water small pleustophyte vegetation**, **P3c Fresh-water large pleustophyte vegetation**
Constant species of EUNIS habitats: **P3b Fresh-water small pleustophyte vegetation**, **P3c Fresh-water large pleustophyte vegetation**
Dominant species of EUNIS habitats: **P3c Fresh-water large pleustophyte vegetation**

Broad habitat

Occurrence in broad habitats: **Aquatic**

Distribution

Continentality amplitude: **7**

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