

# *Hydrilla verticillata*

## Habitus and growth type

Plant height [m]: **1.6**

Life span: **Perennial**

Life form: **Hydrophyte**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## 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: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.3**

Temperature indicator value: **5.5**

Moisture indicator value: **12**

Reaction indicator value: **8.7**

Nutrient indicator value: **3.7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.58**

Disturbance frequency (herb layer): **1.58**

Disturbance severity: **0.28**

Disturbance severity (herb layer): **0.28**

Mowing frequency: **0.04**

Grazing pressure: **0.01**

Soil disturbance: **0.01**

## **Habitat and sociology**

Syntaxon

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

Broad habitat

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

## **Distribution**

Continentality: **7**

Continentality amplitude: **4**