Ceratophyllum submersum

Habitus and growth type

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

Flower

Flowering period: **May-September**

Fruit, seed and dispersal

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: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **5.6**
Temperature indicator value: **7.1**
Moisture indicator value: **11.9**
Reaction indicator value: **7.3**
Nutrient indicator value: **6.8**
Salinity indicator value: **0.8**

Disturbance indicator values

Disturbance frequency: **1.65**
Disturbance frequency (herb layer): **1.65**
Disturbance severity: **0.26**
Disturbance severity (herb layer): **0.25**
Mowing frequency: **0.1**

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Grazing pressure: **0.03**
Soil disturbance: **0.04**

Habitat and sociology

Syntaxon

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

Broad habitat

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

Distribution

Continentality: **6**
Continentality amplitude: **5**

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