

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**

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**