

Nelumbo nucifera

Habitus and growth type

Plant height [m]: **1.4**

Life span: **Perennial**

Life form: **Hydrophyte**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Dispersal mode: **Hydrochory**

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: **9**

Temperature indicator value: **8.5**

Moisture indicator value: **11.5**

Reaction indicator value: **7**

Nutrient indicator value: **7**

Salinity indicator value: **0**

Habitat and sociology

Syntaxon

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

Broad habitat

Occurrence in broad habitats: **Aquatic**