

# *Trapa natans*

## Habitus and growth type

Plant height [m]: **0.65**

Life span: **Annual**

Life form: **Hydrophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **14.93**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **1335.25**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.1**

Temperature indicator value: **7**

Moisture indicator value: **11.2**

Reaction indicator value: **6.2**

Nutrient indicator value: **7.6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.56**

Disturbance frequency (herb layer): **1.56**  
Disturbance severity: **0.28**  
Disturbance severity (herb layer): **0.28**  
Mowing frequency: **0.03**  
Grazing pressure: **0.01**  
Soil disturbance: **0.02**

## **Habitat and sociology**

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [P3e Fresh-water nymphaeid vegetation](#)

Dominant species of EUNIS habitats: [P3e Fresh-water nymphaeid vegetation](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic**

## **Distribution**

Continentality: **6**

Continentality amplitude: **5**