

Trapa natans

Habitus and growth type

Plant height [m]: **0.65**

Life span: **Annual**

Life form: **Hydrophyte**

Leaf

Specific leaf area [mm²/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**