

Menyanthes trifoliata

Habitus and growth type

Plant height [m]: **0.26**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte, Hydrophyte**

Leaf

Specific leaf area [mm²/mg]: **23.68**

Flower

Flowering period: **April-June**

Fruit, seed and dispersal

Seed mass [mg]: **2.69**

Dispersal mode: **Endozoochory**

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: **Wet**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.8**

Temperature indicator value: **4.8**

Moisture indicator value: **9.6**

Reaction indicator value: **4.3**

Nutrient indicator value: **2.5**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.08**

Disturbance frequency (herb layer): **1.47**
Disturbance severity: **0.25**
Disturbance severity (herb layer): **0.19**
Mowing frequency: **0.23**
Grazing pressure: **0.11**
Soil disturbance: **0.15**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [IA \(ALN\) *Alnetea glutinosae*](#), [PA \(SCH\) *Scheuchzeria palustris*-*Caricetea fuscae*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [Q24 Intermediate fen and soft-water spring mire](#), [Q42 Extremely rich moss-sedge fen](#), [Q44 Calcareous quaking mire](#)

Constant species of EUNIS habitats: [Q22 Poor fen](#), [Q24 Intermediate fen and soft-water spring mire](#), [Q25 Non-calcareous quaking mire](#), [Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen](#), [Q42 Extremely rich moss-sedge fen](#), [Q43 Tall-sedge base-rich fen](#), [Q44 Calcareous quaking mire](#), [Q46 Carpathian travertine fen with halophytes](#), [S92 *Salix* fen scrub](#)

Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Mire, Scrub, Forest**

Distribution

Continentality amplitude: **8**