Isoetes lacustris

Habitus and growth type

Plant height [m]: **0.15**
Life span: **Perennial**
Life form: **Hydrophyte**

Flower

Flowering period: **June-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: **Acidic**
Nutrient relationship: **Dystrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.8**
Temperature indicator value: **4.3**
Moisture indicator value: **11.9**
Reaction indicator value: **3.8**
Nutrient indicator value: **1.2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.38**
Disturbance frequency (herb layer): **1.38**
Disturbance severity: **0.14**
Disturbance severity (herb layer): **0.14**
Mowing frequency: **0.04**
Grazing pressure: **0.04**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Soil disturbance: **0.04**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **OB (LIT) *Littorelletea uniflorae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **P3f Oligotrophic-water vegetation**

Broad habitat

Occurrence in broad habitats: **Aquatic**

Distribution

Continentality: **4**
Continentality amplitude: **4**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz