Isoetes longissima

Habitus and growth type

Plant height [m]: **0.24**
Life span: **Perennial**
Life form: **Hydrophyte**

Flower

Flowering period: **February-July**

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: **Slightly acidic to near-neutral**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.4**
Moisture indicator value: **10.3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.69**
Disturbance frequency (herb layer): **1.69**
Disturbance severity: **0.26**
Disturbance severity (herb layer): **0.26**
Mowing frequency: **0.01**
Grazing pressure: **0.03**
Soil disturbance: **0.11**

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Habitat and sociology

Syntaxon

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

Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland**

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