Potamogeton berchtoldii

Habitus and growth type

Plant height [m]: **0.55**
Life span: **Annual, Perennial**
Life form: **Hydrophyte**

Leaf

Specific leaf area [mm^2/mg]: **49.5**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **1.13**
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**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **6.7**
Temperature indicator value: **5.6**
Moisture indicator value: **12**
Nutrient indicator value: **5.3**
Salinity indicator value: **0.5**

Disturbance indicator values

Disturbance frequency: **1.65**
Disturbance frequency (herb layer): **1.65**
Disturbance severity: **0.26**
Disturbance severity (herb layer): **0.26**

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

Mowing frequency: **0.02**
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: **V14 Inundated or inundatable cropland, including rice fields**

Broad habitat

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

Distribution

Continentality amplitude: **9**

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