

# *Ludwigia palustris*

## Habitus and growth type

Plant height [m]: **0.23**

Life span: **Annual, Perennial**

Life form: **Hemicryptophyte, Hydrophyte, Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **31.78**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.04**

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: **Wet**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.8**

Moisture indicator value: **9.2**

Nutrient indicator value: **4.8**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **1.81**

Disturbance frequency (herb layer): **1.82**

Disturbance severity: **0.55**

Disturbance severity (herb layer): **0.55**

Mowing frequency: **0.07**

Grazing pressure: **0.16**

Soil disturbance: **0.25**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [OC \(ISO\) Isoëto-Nanojuncetea](#)

Broad habitat

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

## **Distribution**

Continentality: **4**

Continentality amplitude: **4**