

# *Ranunculus penicillatus*

## Habitus and growth type

Plant height [m]: **1.14**

Life span: **Perennial**

Life form: **Hydrophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **37.8**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0.39**

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: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.1**

Moisture indicator value: **11.4**

Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **1.91**

Disturbance frequency (herb layer): **1.91**

Disturbance severity: **0.32**

Disturbance severity (herb layer): **0.32**

Mowing frequency: **0.01**

Grazing pressure: **0.01**

Soil disturbance: **0.02**

### **Habitat and sociology**

Broad habitat

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

### **Distribution**

Continentality amplitude: **5**