

# *Persicaria hydropiper*

## Habitus and growth type

Plant height [m]: **0.47**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **41.07**

## Flower

Flowering period: **June-October**

## Fruit, seed and dispersal

Seed mass [mg]: **2.07**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## 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: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.1**

Temperature indicator value: **5.6**

Moisture indicator value: **8.3**

Reaction indicator value: **5.8**

Nutrient indicator value: **6.6**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **1.03**

Disturbance frequency (herb layer): **1.76**

Disturbance severity: **0.58**

Disturbance severity (herb layer): **0.53**

Mowing frequency: **0.3**

Grazing pressure: **0.27**

Soil disturbance: **0.27**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [QI \(BID\) Bidentetea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation](#)

Constant species of EUNIS habitats: [Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation](#), [Q62 Periodically exposed shore with stable, mesotrophic sediments with pioneer or ephemeral vegetation](#), [V12 Mixed crops of market gardens and horticulture](#)

Dominant species of EUNIS habitats: [Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation](#)

### Broad habitat

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

## Distribution

Continentality amplitude: **8**