

# *Lythrum portula*

## Habitus and growth type

Plant height [m]: **0.07**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

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

## Flower

Flowering period: **May-October**

## Fruit, seed and dispersal

Seed mass [mg]: **0.09**

Dispersal mode: **Epizoochory**

Dispersal distance class: **6**

## 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: **7.9**

Moisture indicator value: **7.5**

Reaction indicator value: **4**

Nutrient indicator value: **3.3**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **1.77**

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

Disturbance severity: **0.59**

Disturbance severity (herb layer): **0.58**

Mowing frequency: **0.06**

Grazing pressure: **0.16**

Soil disturbance: **0.29**

## **Habitat and sociology**

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q62 Periodically exposed shore with stable, mesotrophic sediments with pioneer or ephemeral vegetation](#)

Constant species of EUNIS habitats: [Q62 Periodically exposed shore with stable, mesotrophic sediments with pioneer or ephemeral vegetation](#)

### Broad habitat

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

## **Distribution**

Continentality amplitude: **5**