

# *Sparganium emersum*

## Habitus and growth type

Plant height [m]: **0.41**

Life span: **Perennial**

Life form: **Hydrophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **28.3**

## Flower

Flowering period: **May-September**

## Fruit, seed and dispersal

Seed mass [mg]: **8.72**

Dispersal mode: **Endozoochory**

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: **Water**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7**

Temperature indicator value: **5**

Moisture indicator value: **10.6**

Nutrient indicator value: **5.9**

Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **1.64**

Disturbance frequency (herb layer): **1.68**

Disturbance severity: **0.25**

Disturbance severity (herb layer): **0.25**

Mowing frequency: **0.03**

Grazing pressure: **0.02**

Soil disturbance: **0.05**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [OD \(PHR\) \*Phragmito-Magnocaricetea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [P3e Fresh-water nymphaeid vegetation](#), [Q52 Small-helophyte bed](#)

### Broad habitat

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

## **Distribution**

Continentality amplitude: 7