Sparganium emersum

Habitus and growth type

Plant height [m]: **0.41**
Life span: **Perennial**
Life form: **Hydrophyte**

Leaf

Specific leaf area [mm^2/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**

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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**

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