

Sagittaria sagittifolia

Habitus and growth type

Plant height [m]: **0.52**

Life span: **Perennial**

Life form: **Hemicryptophyte, Hydrophyte**

Leaf

Specific leaf area [mm²/mg]: **33.44**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **1.42**

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: **Water**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.2**

Moisture indicator value: **10**

Reaction indicator value: **6.8**

Nutrient indicator value: **6.2**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.66**

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

Disturbance severity: **0.24**

Disturbance severity (herb layer): **0.24**

Mowing frequency: **0.08**

Grazing pressure: **0.03**

Soil disturbance: **0.05**

Habitat and sociology

Syntaxon

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

EUNIS habitat

Diagnostic species of EUNIS habitats: **[P3c Fresh-water large pleustophyte vegetation](#), [P3e Fresh-water nympheid vegetation](#)**

Broad habitat

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

Distribution

Continentality: 7

Continentality amplitude: 7