

# *Alisma gramineum*

## Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Hemicryptophyte, Hydrophyte**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.41**

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: **Water**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.2**

Temperature indicator value: **6.8**

Moisture indicator value: **10.4**

Reaction indicator value: **6.5**

Nutrient indicator value: **4.8**

Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **1.71**

Disturbance frequency (herb layer): **1.71**

Disturbance severity: **0.36**

Disturbance severity (herb layer): **0.36**

Mowing frequency: **0.12**

Grazing pressure: **0.1**

Soil disturbance: **0.14**

## Habitat and sociology

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q63 Periodically exposed saline shore with pioneer or ephemeral vegetation](#), [V14 Inundated or inundatable cropland, including rice fields](#)

Constant species of EUNIS habitats: [V14 Inundated or inundatable cropland, including rice fields](#)

### Broad habitat

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

## Distribution

Continentality: **7**

Continentality amplitude: **8**