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**

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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: **V14 Inundated or inundatable cropland, including rice fields**

Broad habitat

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

Distribution

Continentality: **7**
Continentality amplitude: **8**

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